

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015745.D
 Acq On : 28 Sep 2023 14:54
 Operator : SY/MD
 Sample : VY0928SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0928SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2023
 Supervised By : Mahesh Dadoda 09/29/2023

Quant Time: Sep 29 01:25:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	147540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	247613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	223327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	88912	54.771	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.540%			
35) Dibromofluoromethane	7.722	113	80577	54.369	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.740%			
50) Toluene-d8	10.185	98	293909	58.488	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 116.980%			
62) 4-Bromofluorobenzene	12.483	95	104461	52.972	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	17940	18.447	ug/l	98
3) Chloromethane	2.113	50	21838	17.799	ug/l	98
4) Vinyl Chloride	2.253	62	26089	18.598	ug/l	100
5) Bromomethane	2.656	94	19268	16.239	ug/l	91
6) Chloroethane	2.790	64	17679	17.003	ug/l	99
7) Trichlorofluoromethane	3.119	101	49442	21.016	ug/l	100
8) Diethyl Ether	3.534	74	19552	19.488	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	29284	19.880	ug/l	96
10) Methyl Iodide	4.088	142	26301	17.084	ug/l	96
11) Tert butyl alcohol	5.027	59	38624m	82.281	ug/l	
12) 1,1-Dichloroethene	3.869	96	24685	19.018	ug/l	92
13) Acrolein	3.741	56	20656	83.085	ug/l	98
14) Allyl chloride	4.479	41	45565	19.200	ug/l	95
15) Acrylonitrile	5.174	53	79972	108.661	ug/l	97
16) Acetone	3.967	43	106780	122.913	ug/l	93
17) Carbon Disulfide	4.192	76	37712	14.956	ug/l	100
18) Methyl Acetate	4.491	43	61159	20.982	ug/l	96
19) Methyl tert-butyl Ether	5.229	73	108776	20.576	ug/l	99
20) Methylene Chloride	4.716	84	56676	27.623	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	28264	19.051	ug/l	96
22) Diisopropyl ether	6.125	45	116744	20.441	ug/l	94
23) Vinyl Acetate	6.064	43	363039	102.982	ug/l	97
24) 1,1-Dichloroethane	6.021	63	62398	20.044	ug/l	98
25) 2-Butanone	6.996	43	140213	114.185	ug/l	97
26) 2,2-Dichloropropane	6.984	77	54167	19.037	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	38723	19.660	ug/l	96
28) Bromochloromethane	7.332	49	20311	24.048	ug/l	98
29) Tetrahydrofuran	7.356	42	76757	110.594	ug/l	95
30) Chloroform	7.509	83	67997	20.396	ug/l	95
31) Cyclohexane	7.783	56	40288	17.915	ug/l #	88
32) 1,1,1-Trichloroethane	7.704	97	56594	20.564	ug/l	98
36) 1,1-Dichloropropene	7.917	75	42421	19.359	ug/l	99
37) Ethyl Acetate	7.082	43	50365	23.042	ug/l	96
38) Carbon Tetrachloride	7.905	117	49325	20.737	ug/l	96
39) Methylcyclohexane	9.185	83	45092	18.604	ug/l	92
40) Benzene	8.161	78	133244	19.939	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	21887	18.597	ug/l	92
42) 1,2-Dichloroethane	8.240	62	46693	20.402	ug/l	95
43) Isopropyl Acetate	8.277	43	80240	21.491	ug/l	99
44) Trichloroethene	8.941	130	38556	20.657	ug/l	100
45) 1,2-Dichloropropane	9.222	63	38371	20.590	ug/l	99
46) Dibromomethane	9.307	93	24408	20.475	ug/l	96
47) Bromodichloromethane	9.496	83	55261	20.798	ug/l	99
48) Methyl methacrylate	9.295	41	33198	20.257	ug/l	89
49) 1,4-Dioxane	9.325	88	12159	516.299	ug/l #	56
51) 4-Methyl-2-Pentanone	10.075	43	262823	113.570	ug/l	93
52) Toluene	10.246	92	86534	20.086	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	58454	20.515	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	60994	19.886	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	37543	21.491	ug/l	95
56) Ethyl methacrylate	10.514	69	54222	21.062	ug/l	88
57) 1,3-Dichloropropane	10.795	76	60512	20.656	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	69459	84.938	ug/l	96
59) 2-Hexanone	10.837	43	210865	118.765	ug/l	92
60) Dibromochloromethane	10.990	129	42352	20.768	ug/l	99
61) 1,2-Dibromoethane	11.093	107	35508	20.777	ug/l	99
64) Tetrachloroethene	10.721	164	41948	21.893	ug/l	96
65) Chlorobenzene	11.520	112	100279	20.571	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	40064	21.158	ug/l	98
67) Ethyl Benzene	11.593	91	175084	20.549	ug/l	98
68) m/p-Xylenes	11.709	106	133931	41.355	ug/l	96
69) o-Xylene	12.032	106	65188	20.528	ug/l	98
70) Styrene	12.044	104	112954	20.780	ug/l	96
71) Bromoform	12.209	173	30224	22.026	ug/l #	96
73) Isopropylbenzene	12.331	105	178661	20.634	ug/l	99
74) N-amyl acetate	12.148	43	70822	21.762	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.587	83	51124	21.215	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	38355m	20.829	ug/l	
77) Bromobenzene	12.611	156	43199	20.325	ug/l	91
78) n-propylbenzene	12.672	91	216979	20.627	ug/l	99
79) 2-Chlorotoluene	12.758	91	123532	20.602	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	149063	20.564	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	17329	21.192	ug/l	95
82) 4-Chlorotoluene	12.855	91	128518	20.532	ug/l	100
83) tert-Butylbenzene	13.081	119	131750	20.752	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	150839	20.797	ug/l	99
85) sec-Butylbenzene	13.258	105	197686	20.807	ug/l	99
86) p-Isopropyltoluene	13.373	119	164211	20.691	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	87363	20.719	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	89433	21.207	ug/l	99
89) n-Butylbenzene	13.697	91	155963	20.753	ug/l	97
90) Hexachloroethane	13.965	117	31851	20.794	ug/l	88
91) 1,2-Dichlorobenzene	13.745	146	81853	21.029	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11316	23.644	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	52413	21.389	ug/l	99
94) Hexachlorobutadiene	15.117	225	26713	21.287	ug/l	98
95) Naphthalene	15.239	128	141830	22.197	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	48692	21.529	ug/l	100

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :
VY0928SBSD01

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Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Supervised By :Mahesh Dadoda 09/29/2023

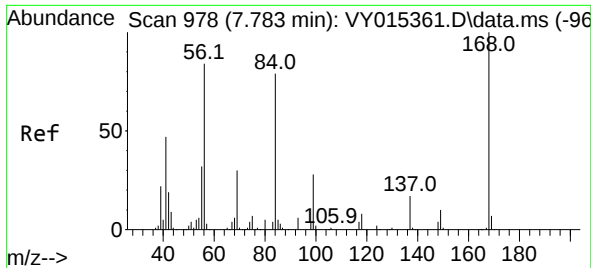
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Abundance

Time-->

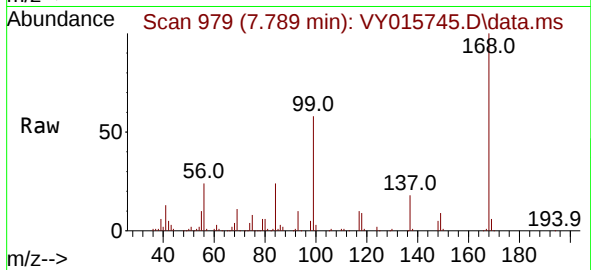
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Dichlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
1,1-Dichloroethane, T
Methyl iodide, T
Carbon Disulfide, T
Methyl acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
Methyl vinyl ether, T
1,1-Dichloroethane, T
Isopropyl ether, T
Vinyl Acetate, T
2,2-Dichloropropane, T
Ethyl Acetate, T
Methyl acetate, T
Chloroform, C
1,1,1-Trichloroethane, T
1,1,1-Trichloroethane, T
1,2-Dichloropropane, T
1,2-Dichloropropane, T
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichloroethane, T
1,4-Dioxane, T
Bromodichloromethane, T
2-Chloroethyl Vinyl ether, T
cis-1,3-Dichloropropene, T
Toluene, CM
4-Methyl-2-Pentanol, T
1,2-Dichloroethane, T
Tetrahydrofuran, T
1,2-Dibromomethane, T
1,2-Dichloroethane, T
Chlorobenzene, PM
Bromoform, P
N-ethyl acetate, T
Isopropyl alcohol, T
1,1,1-Trichloroethane, T
1,1,1-Trichloroethane, T
1,1,1-Trichloroethane, T
1,2,3-Trichlorobenzene, T
1,2,4-Trichlorobenzene, T
1,2,4-Trichlorobenzene, T
1,2-Dichlorobenzene, T
1,2-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorobenzene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015745.D
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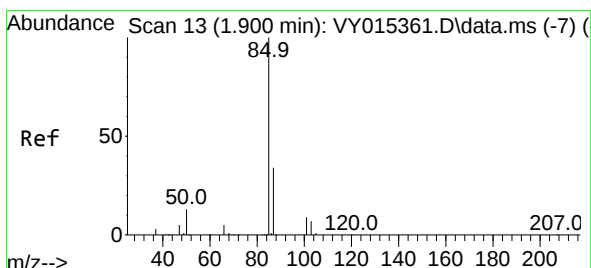
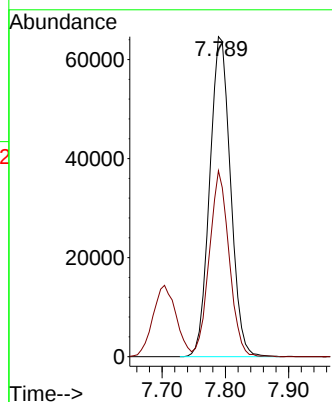
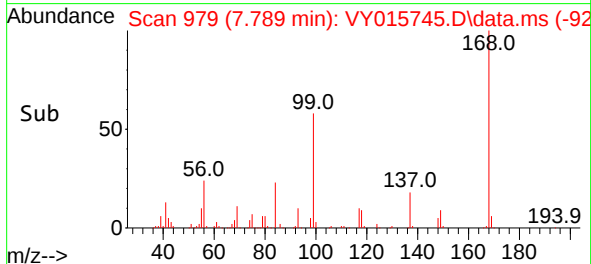
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



Tgt Ion:168 Resp: 147540
Ion Ratio Lower Upper
168 100
99 58.1 43.4 65.0

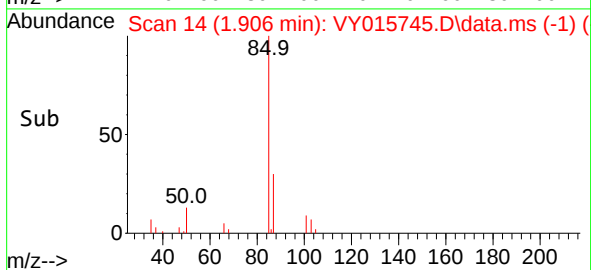
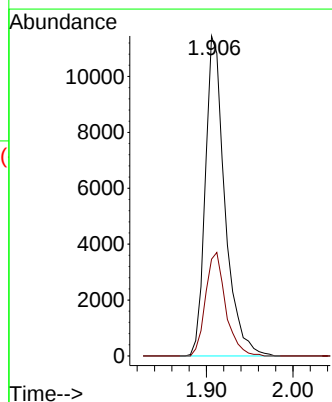
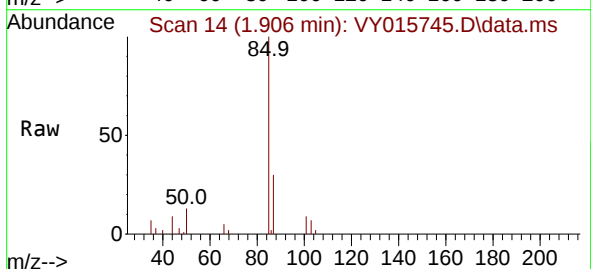
Manual Integrations
APPROVED

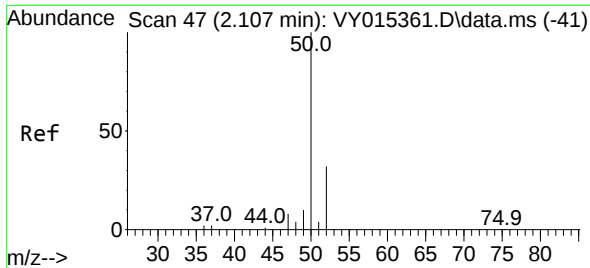
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#2
Dichlorodifluoromethane
Concen: 18.447 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion: 85 Resp: 17940
Ion Ratio Lower Upper
85 100
87 30.3 15.6 46.8





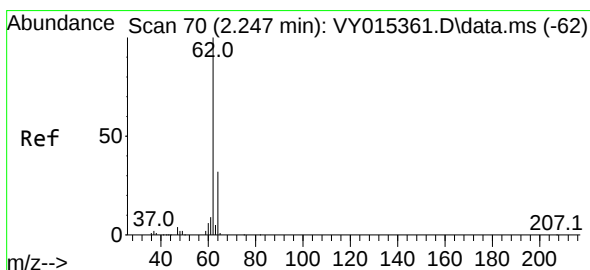
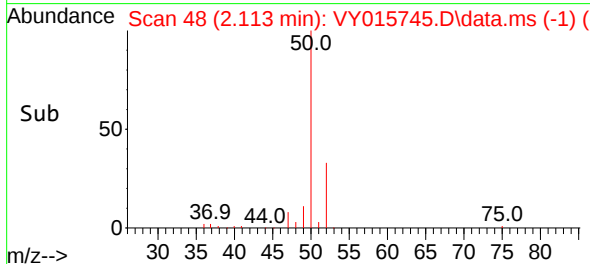
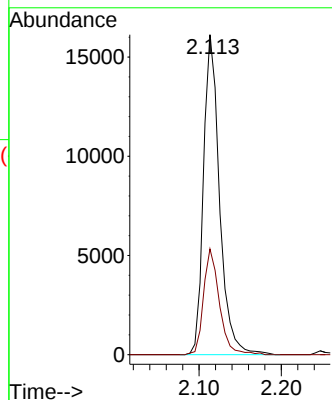
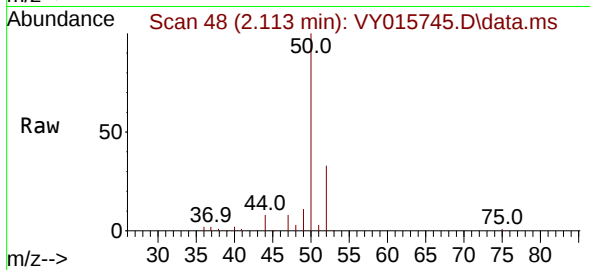
#3
Chloromethane
Concen: 17.799 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01

Tgt Ion: 50 Resp: 21838
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2

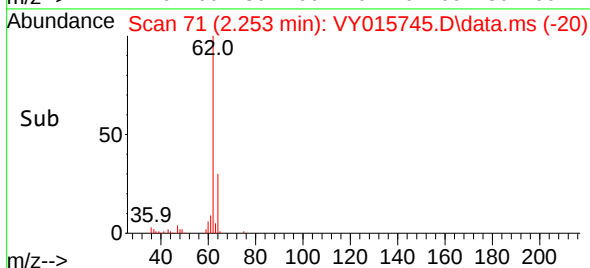
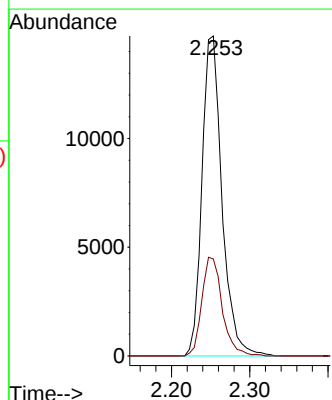
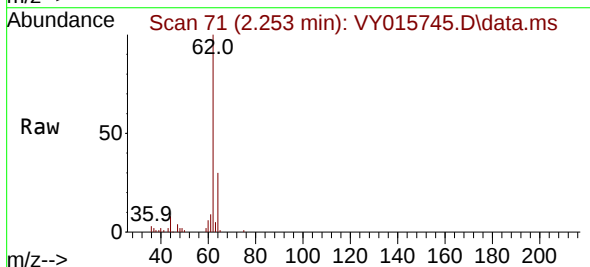
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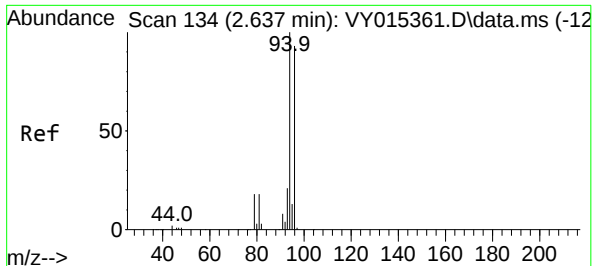
Reviewed By :John Carlone 09/29/2023
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#4
Vinyl Chloride
Concen: 18.598 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.012 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

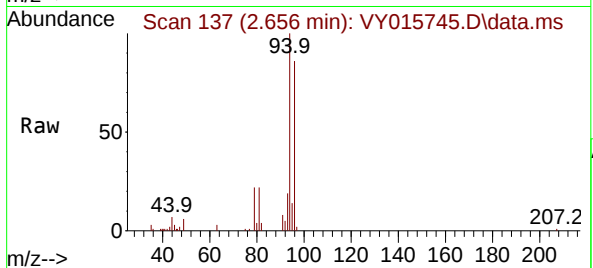
Tgt Ion: 62 Resp: 26089
Ion Ratio Lower Upper
62 100
64 30.3 24.3 36.5





#5
Bromomethane
Concen: 16.239 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

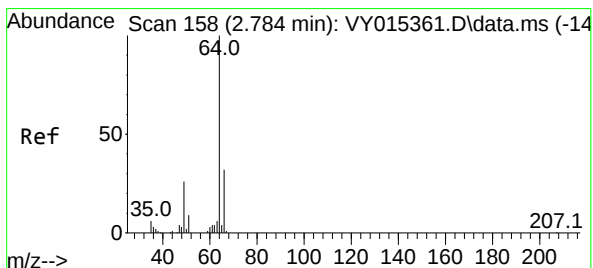
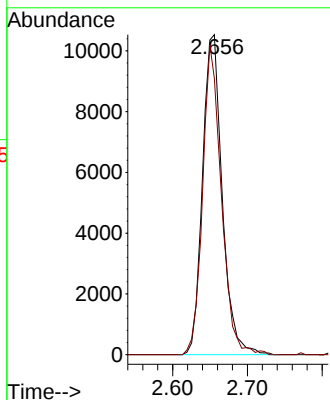
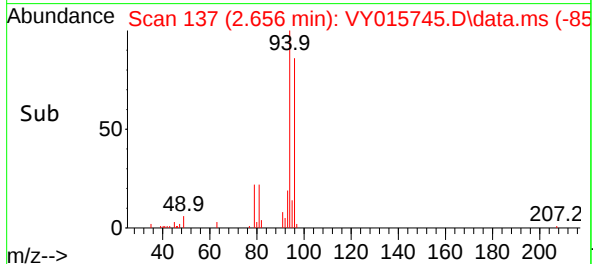
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



Tgt Ion: 94 Resp: 1926
Ion Ratio Lower Upper
94 100
96 86.3 75.8 113.6

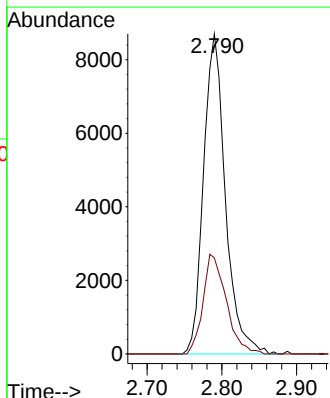
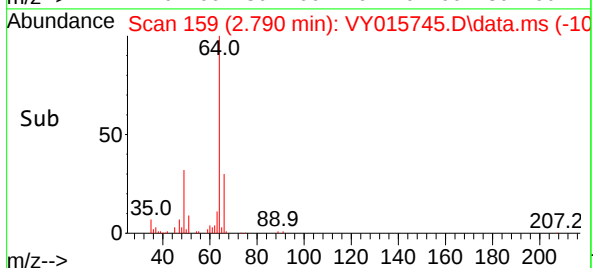
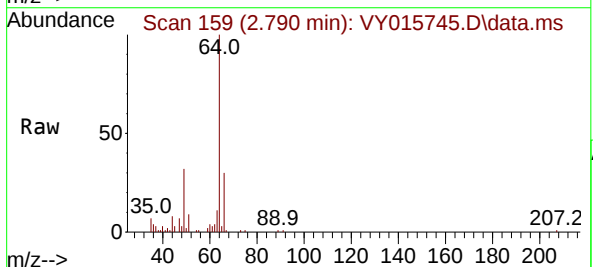
Manual Integrations
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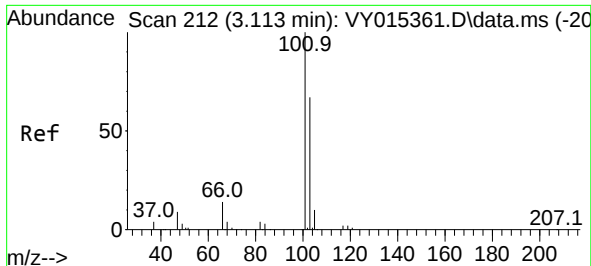
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#6
Chloroethane
Concen: 17.003 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion: 64 Resp: 17679
Ion Ratio Lower Upper
64 100
66 30.0 24.4 36.6





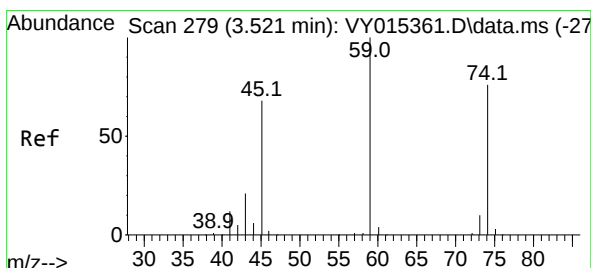
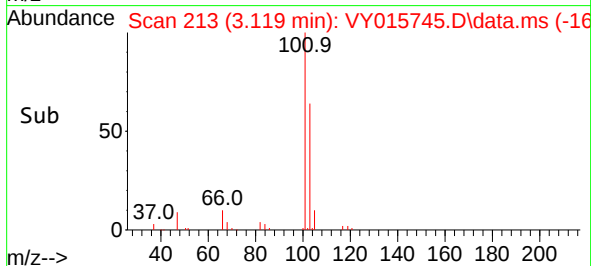
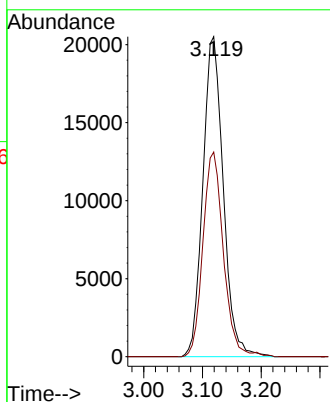
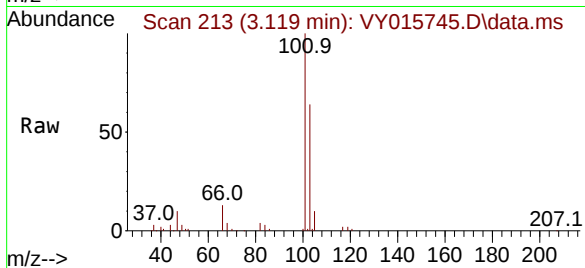
#7
Trichlorofluoromethane
Concen: 21.016 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01

Tgt Ion:101 Resp: 4944
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0

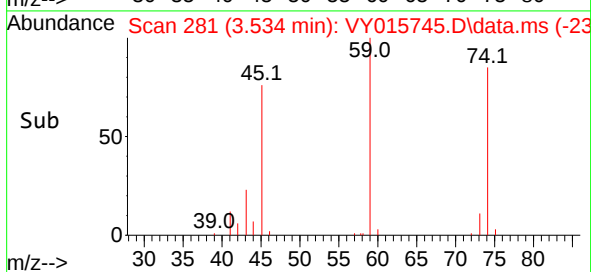
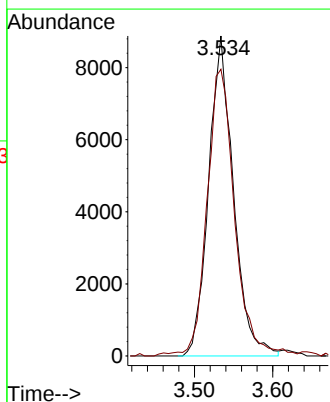
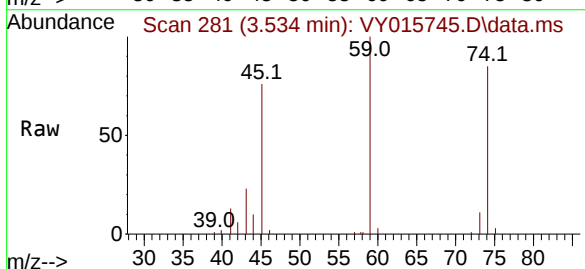
Manual Integrations
APPROVED

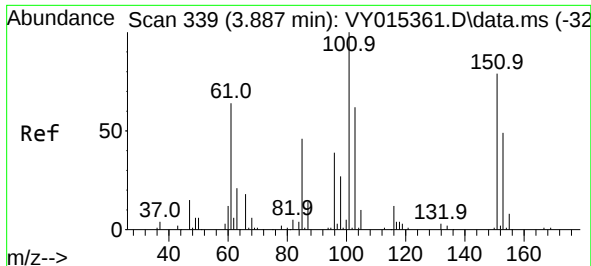
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#8
Diethyl Ether
Concen: 19.488 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.013 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion: 74 Resp: 19552
Ion Ratio Lower Upper
74 100
45 99.8 51.5 154.5





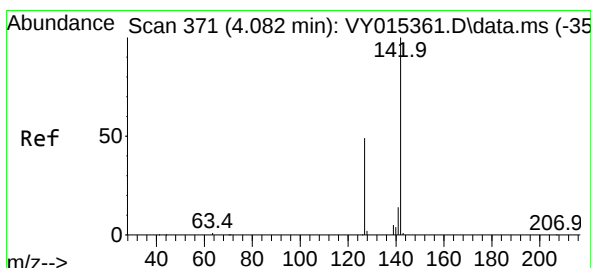
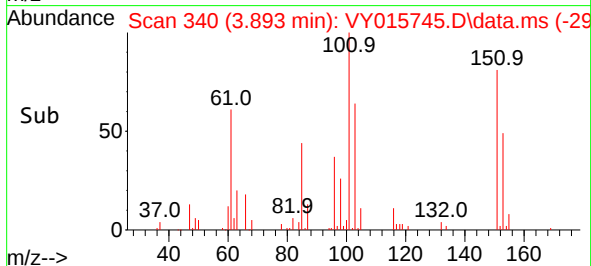
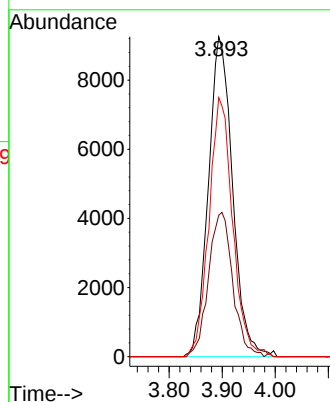
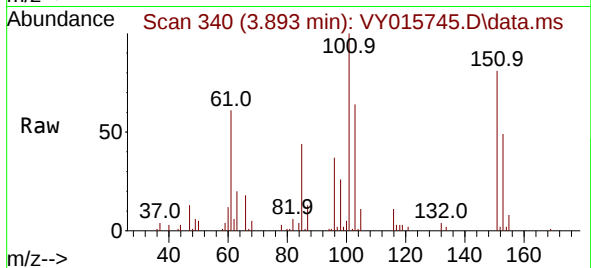
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.880 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01

Tgt Ion:101 Resp: 29284
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 79.3 67.0 100.6

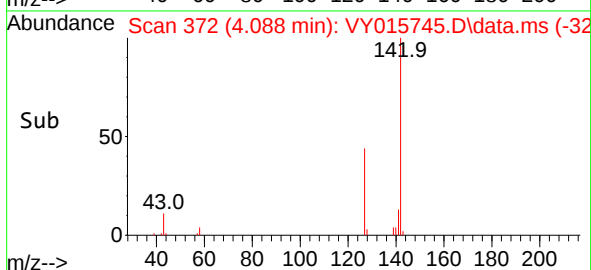
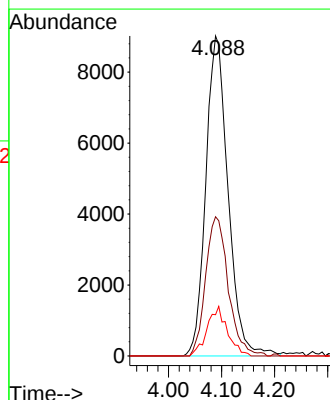
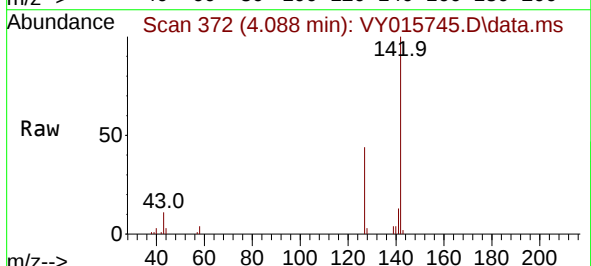
Manual Integrations
APPROVED

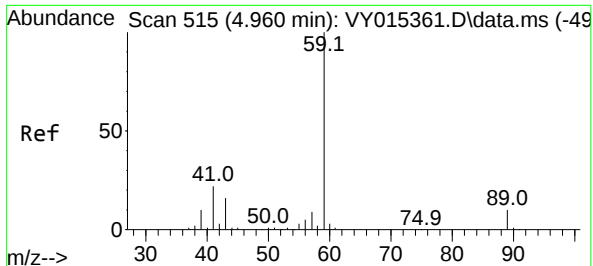
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#10
Methyl Iodide
Concen: 17.084 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion:142 Resp: 26301
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 14.1 11.8 17.8





#11

Tert butyl alcohol

Concen: 82.281 ug/l m

RT: 5.027 min Scan# 51

Delta R.T. 0.073 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0928SBS01

Tgt Ion: 59 Resp: 38624

Ion Ratio Lower Upper

59 100

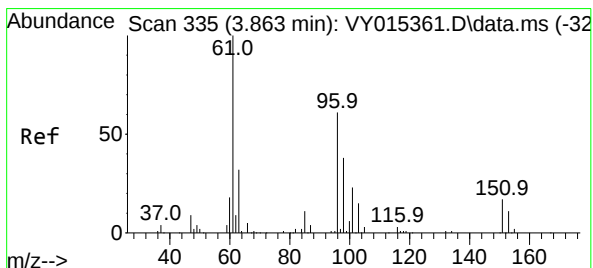
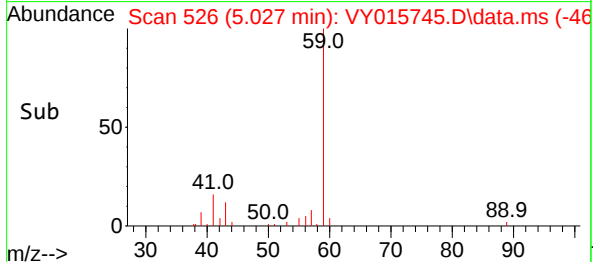
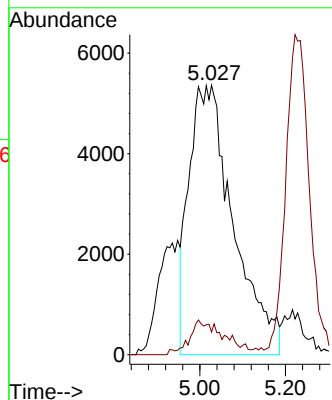
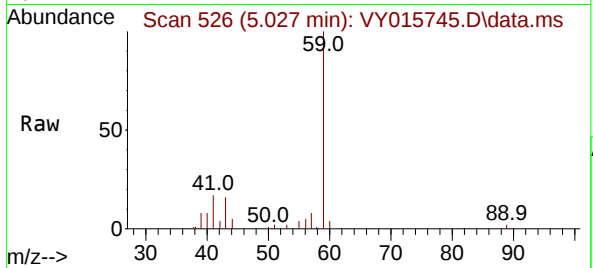
57 0.0 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#12

1,1-Dichloroethene

Concen: 19.018 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

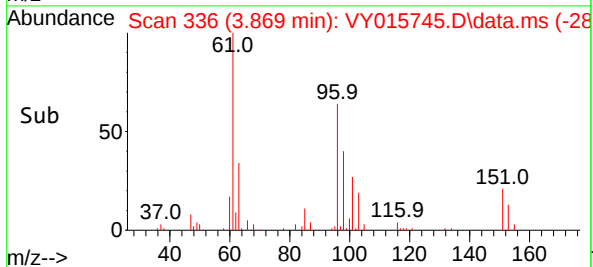
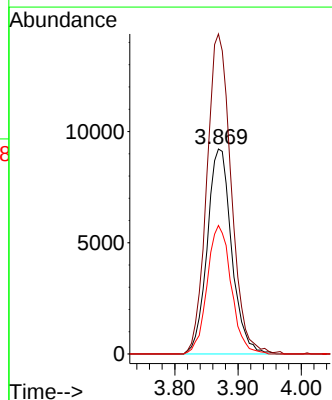
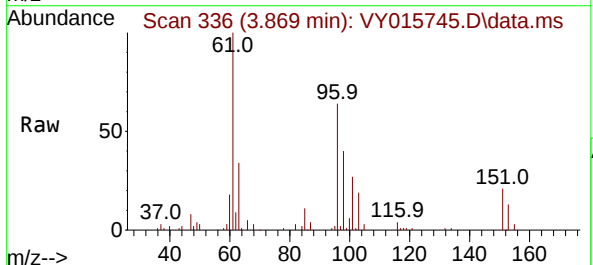
Tgt Ion: 96 Resp: 24685

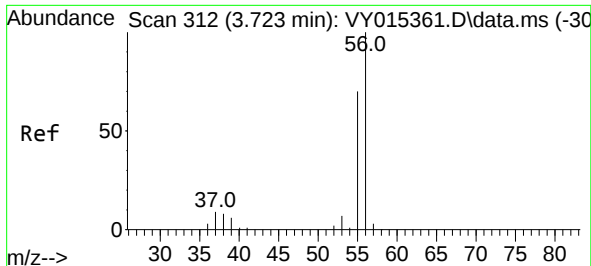
Ion Ratio Lower Upper

96 100

61 156.1 136.4 204.6

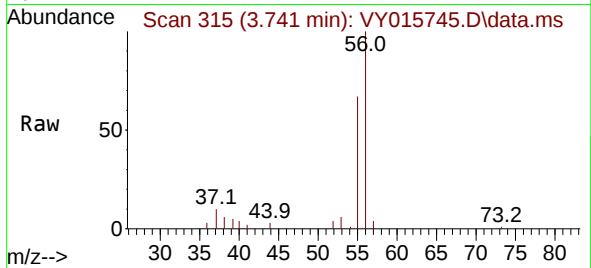
98 62.6 49.4 74.2





#13
Acrolein
Concen: 83.085 ug/l
RT: 3.741 min Scan# 312
Delta R.T. 0.018 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

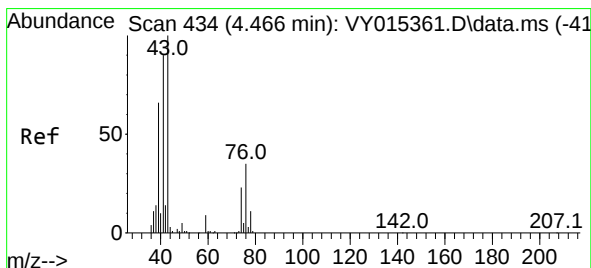
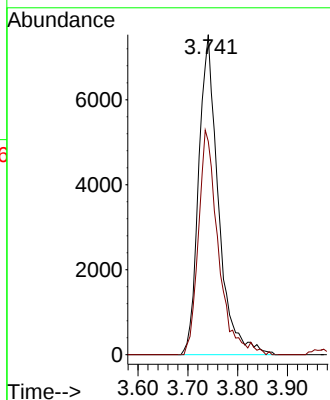
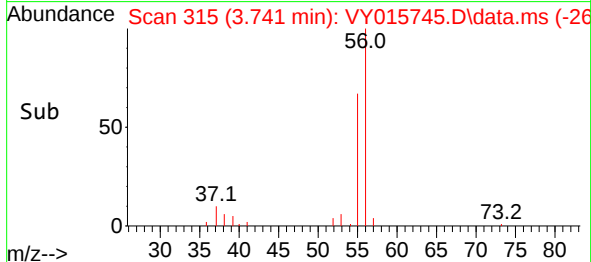
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



Tgt Ion: 56 Resp: 20650
Ion Ratio Lower Upper
56 100
55 69.4 57.0 85.4

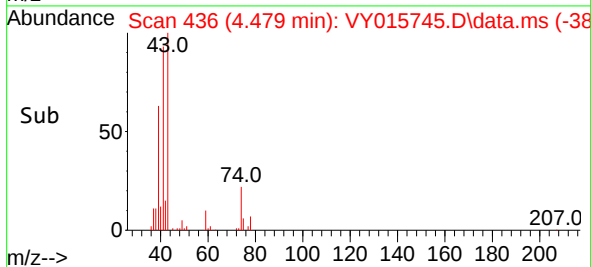
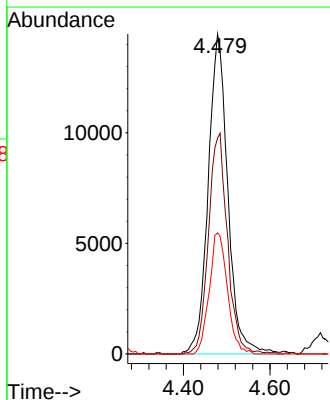
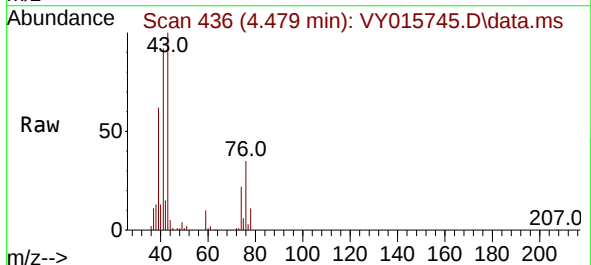
Manual Integrations
APPROVED

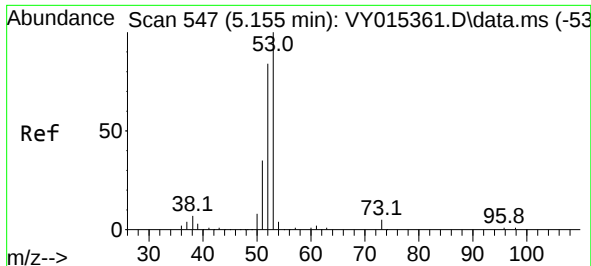
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#14
Allyl chloride
Concen: 19.200 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion: 41 Resp: 45565
Ion Ratio Lower Upper
41 100
39 66.9 58.0 87.0
76 35.0 27.4 41.2





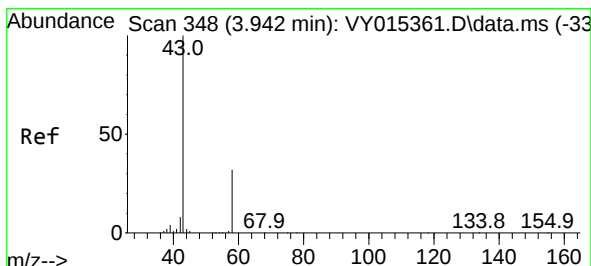
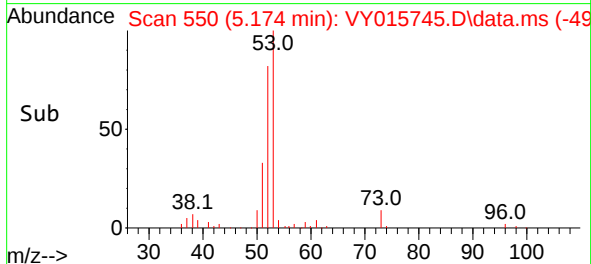
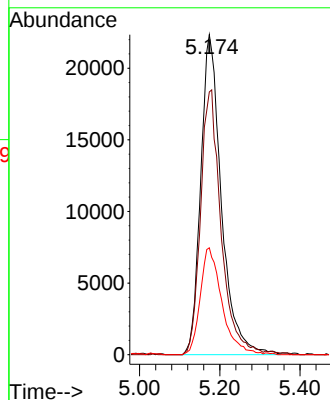
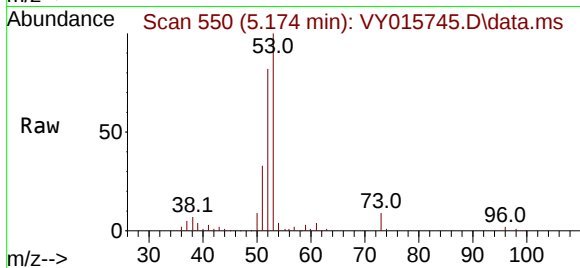
#15
Acrylonitrile
Concen: 108.661 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01

Tgt Ion: 53 Resp: 79972
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 35.0 29.8 44.6

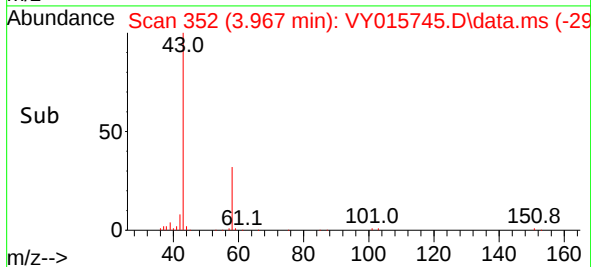
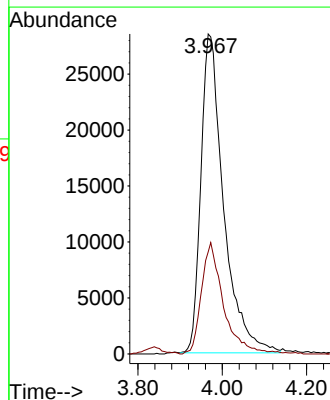
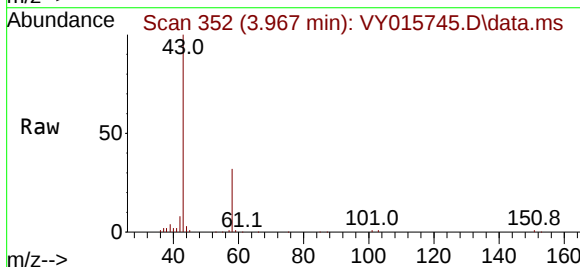
Manual Integrations
APPROVED

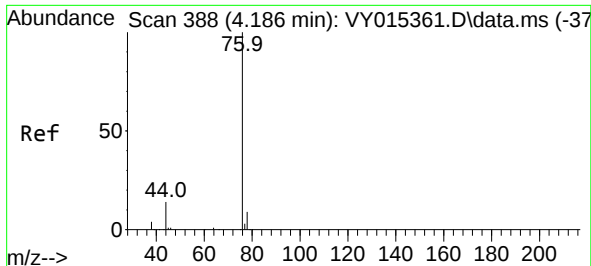
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#16
Acetone
Concen: 122.913 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.025 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion: 43 Resp: 106780
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1





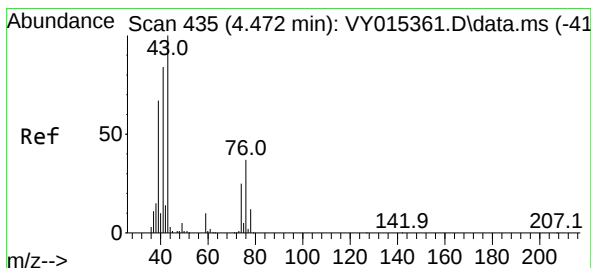
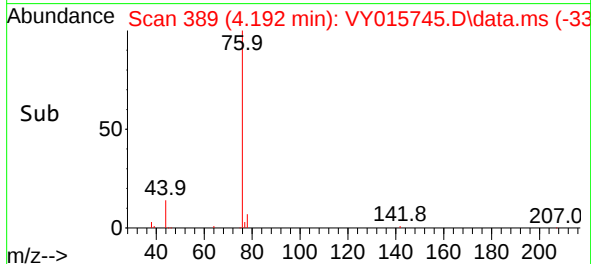
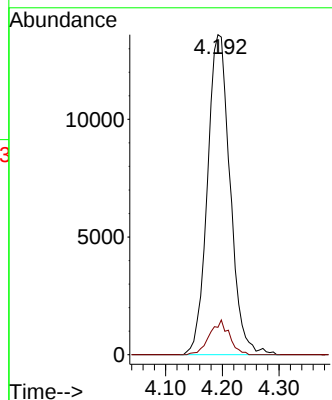
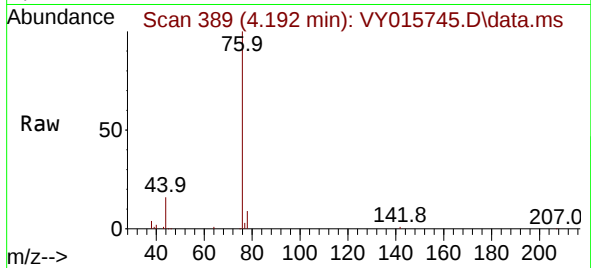
#17
Carbon Disulfide
Concen: 14.956 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBSD01

Tgt Ion: 76 Resp: 3771
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4

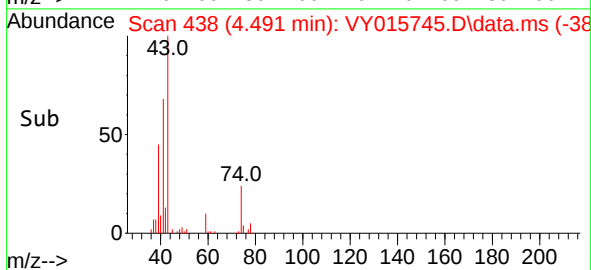
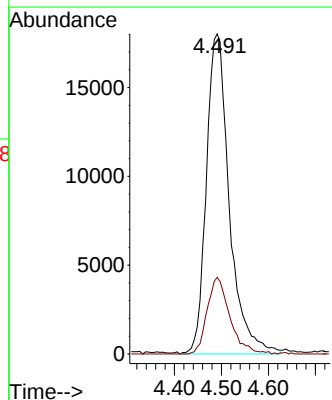
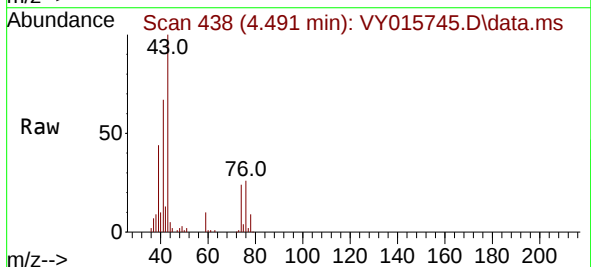
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#18
Methyl Acetate
Concen: 20.982 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.019 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

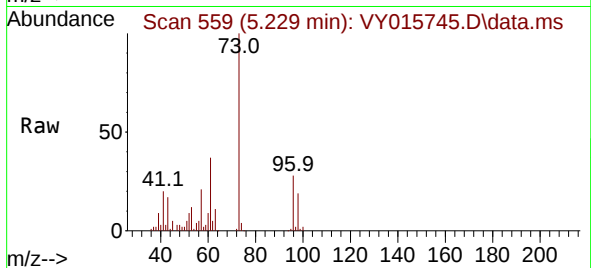
Tgt Ion: 43 Resp: 61159
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 20.576 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

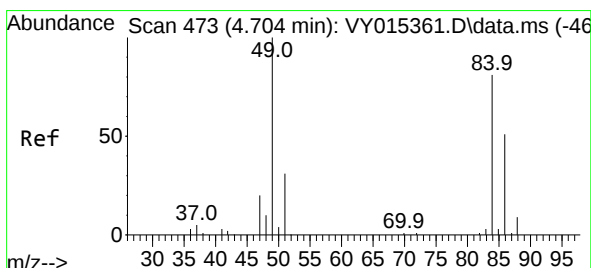
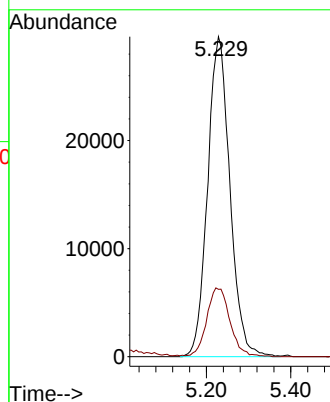
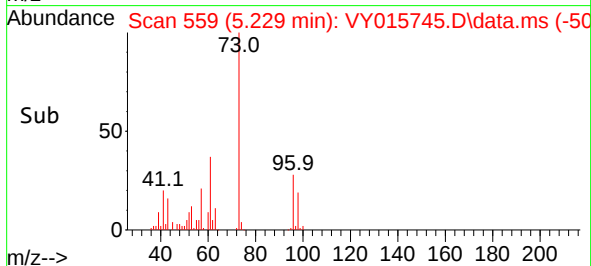
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



Tgt Ion: 73 Resp: 108776
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

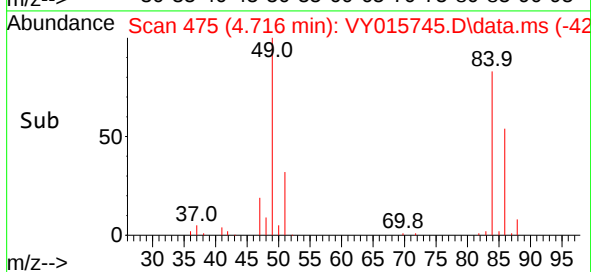
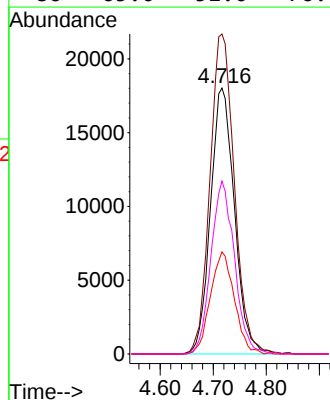
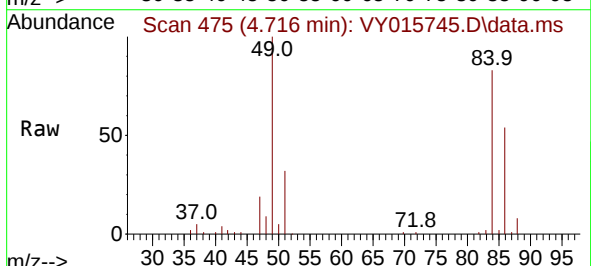
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#20
Methylene Chloride
Concen: 27.623 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

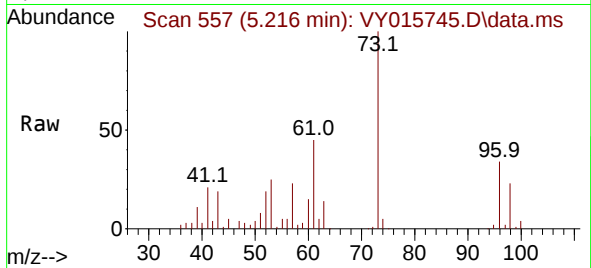
Tgt Ion: 84 Resp: 56676
Ion Ratio Lower Upper
84 100
49 120.3 106.9 160.3
51 38.4 33.2 49.8
86 65.0 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.051 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

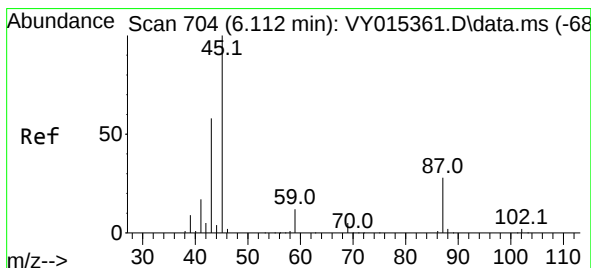
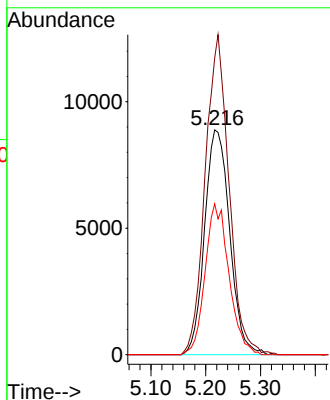
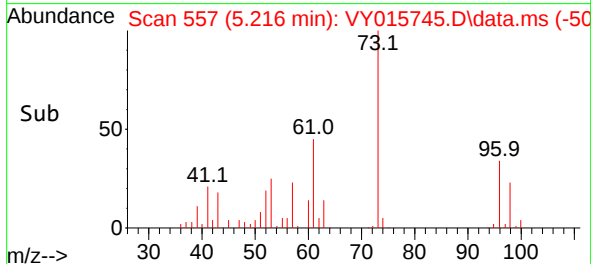
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



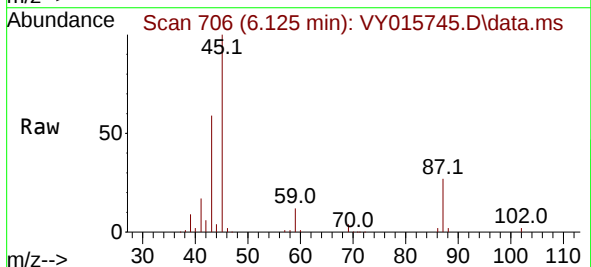
Tgt Ion: 96 Resp: 28264
Ion Ratio Lower Upper
96 100
61 131.9 110.2 165.4
98 67.1 51.8 77.6

Manual Integrations
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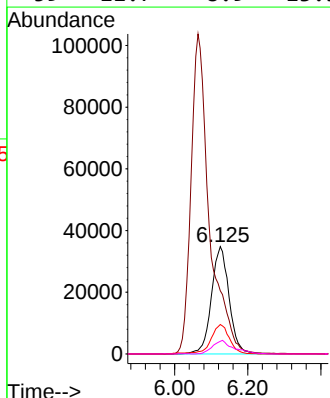
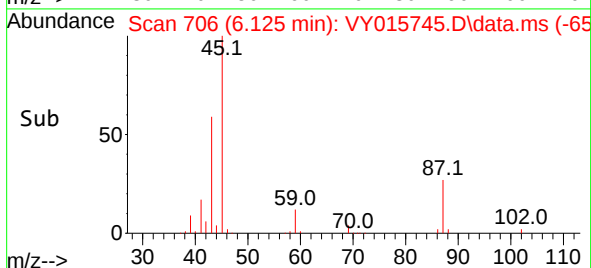
Reviewed By :John Carbone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

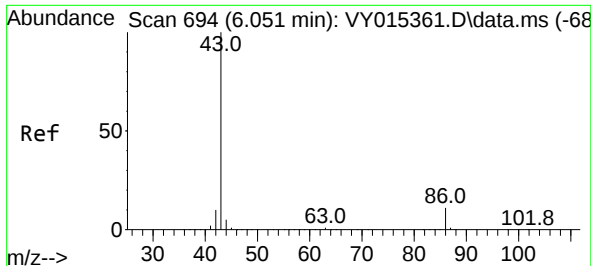


#22
Diisopropyl ether
Concen: 20.441 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.013 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54



Tgt Ion: 45 Resp: 116744
Ion Ratio Lower Upper
45 100
43 58.5 52.2 78.4
87 27.5 21.0 31.6
59 11.7 8.9 13.3





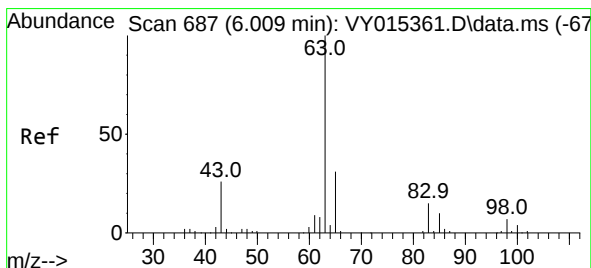
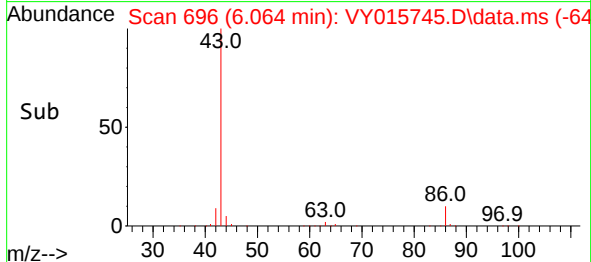
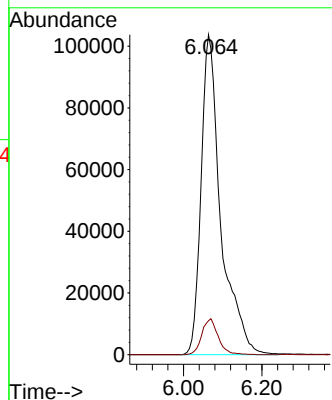
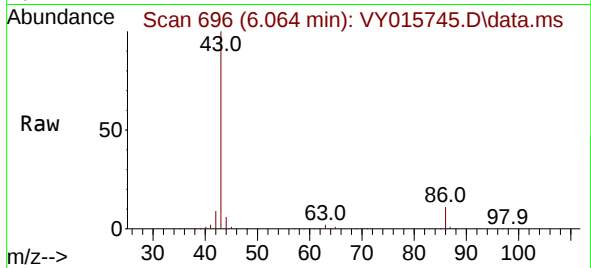
#23
 Vinyl Acetate
 Concen: 102.982 ug/l
 RT: 6.064 min Scan# 694
 Delta R.T. 0.013 min
 Lab File: VY015745.D
 Acq: 28 Sep 2023 14:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0928SBS01

Tgt Ion: 43 Resp: 363039
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.5 11.3

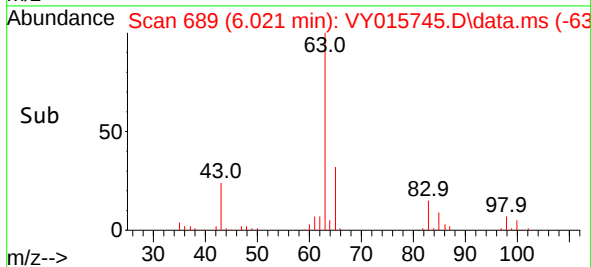
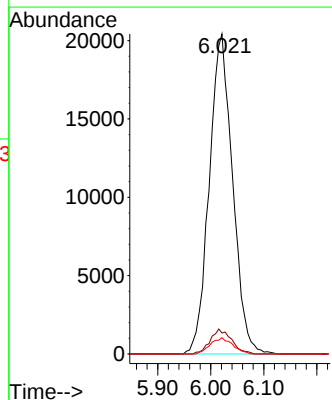
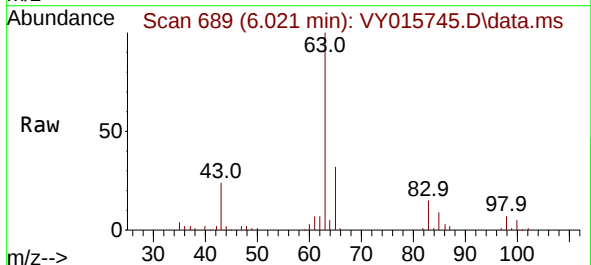
Manual Integrations
 APPROVED

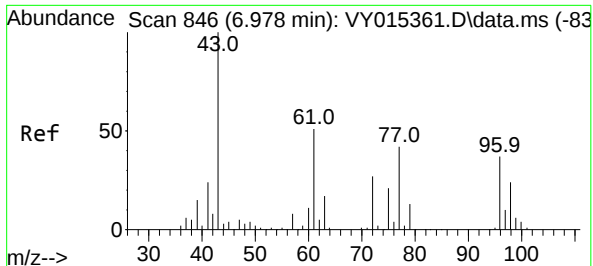
Reviewed By :John Carlone 09/29/2023
 Supervised By :Mahesh Dadoda 09/29/2023



#24
 1,1-Dichloroethane
 Concen: 20.044 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.018 min
 Lab File: VY015745.D
 Acq: 28 Sep 2023 14:54

Tgt Ion: 63 Resp: 62398
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 5.1 1.8 5.5





#25

2-Butanone

Concen: 114.185 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.018 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0928SBS01

Tgt Ion: 43 Resp: 14021

Ion Ratio Lower Upper

43 100

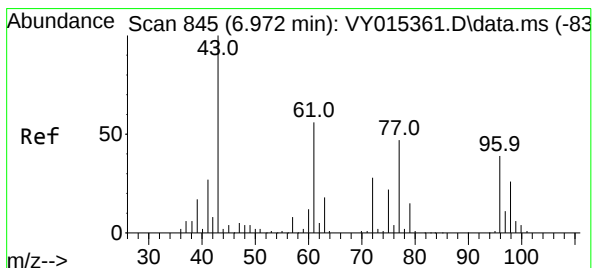
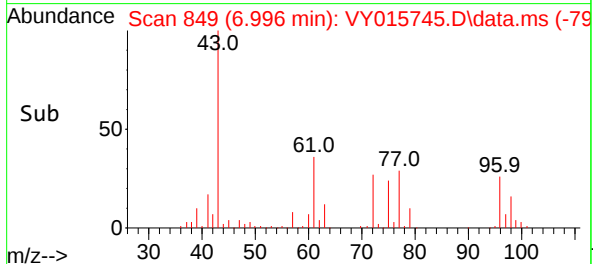
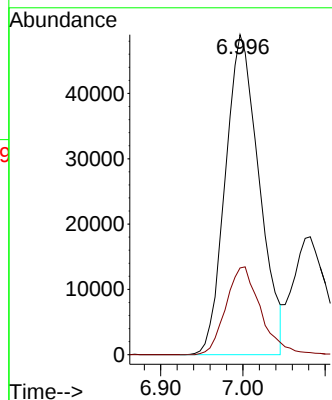
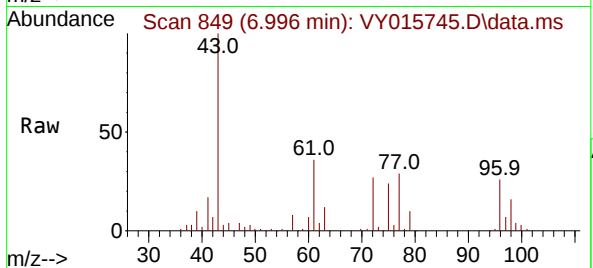
72 27.1 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#26

2,2-Dichloropropane

Concen: 19.037 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015745.D

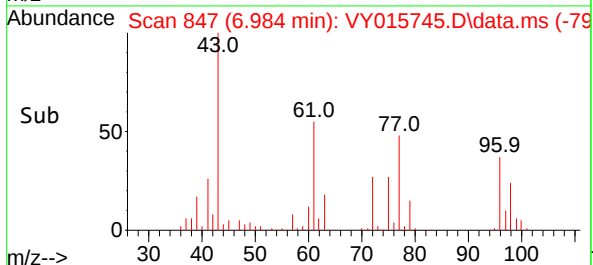
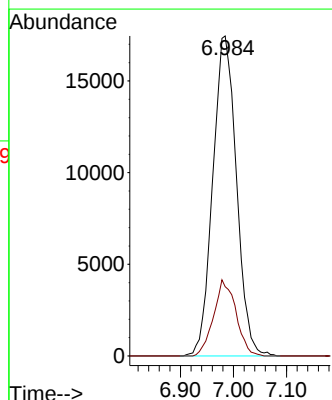
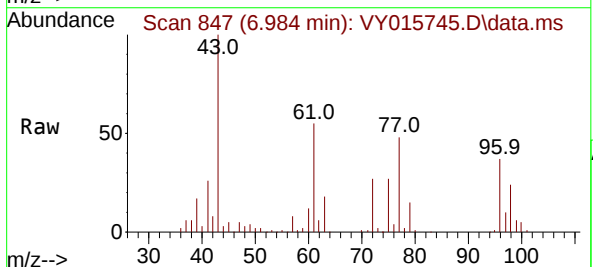
Acq: 28 Sep 2023 14:54

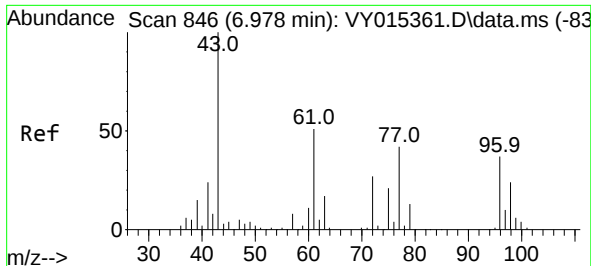
Tgt Ion: 77 Resp: 54167

Ion Ratio Lower Upper

77 100

97 22.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.660 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0928SBS01

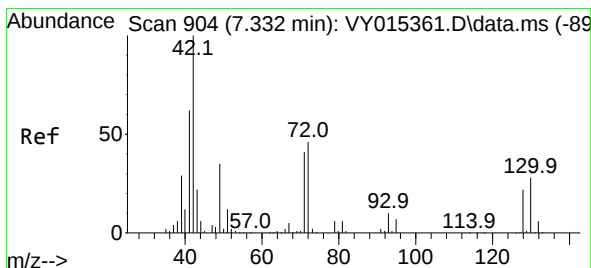
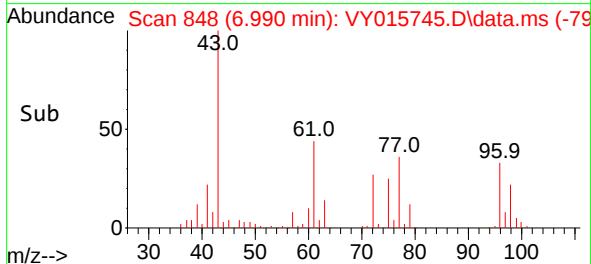
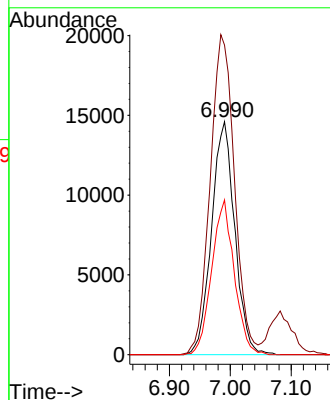
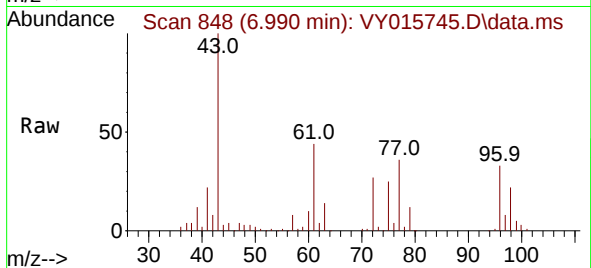
Tgt Ion:	96	Resp:	3872
Ion Ratio	Lower	Upper	
96	100		
61	143.6	0.0	301.4
98	64.5	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#28

Bromochloromethane

Concen: 24.048 ug/l

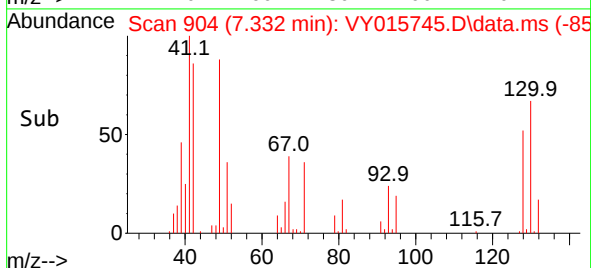
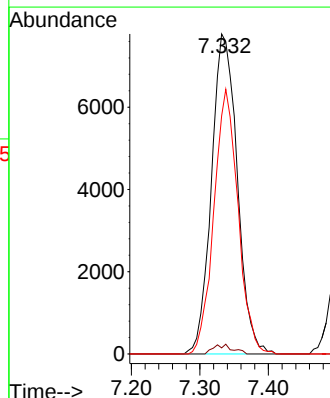
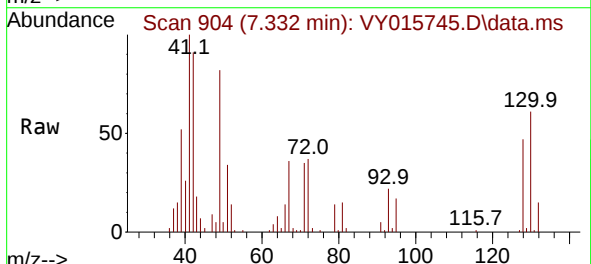
RT: 7.332 min Scan# 904

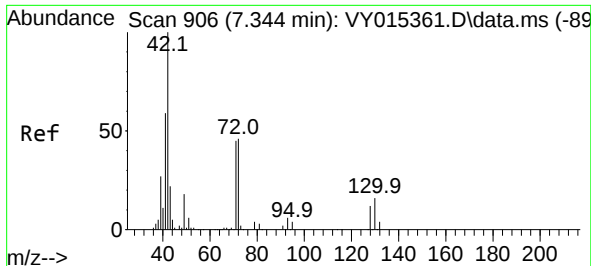
Delta R.T. 0.006 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Tgt Ion:	49	Resp:	20311
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.6
130	77.5	60.7	91.1





#29

Tetrahydrofuran

Concen: 110.594 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0928SBS01

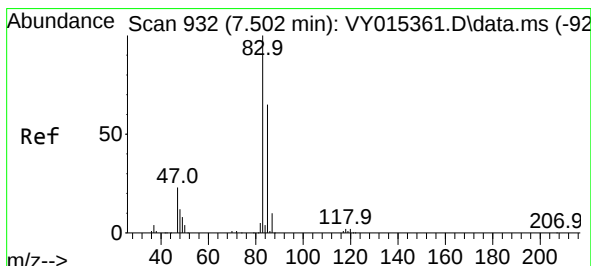
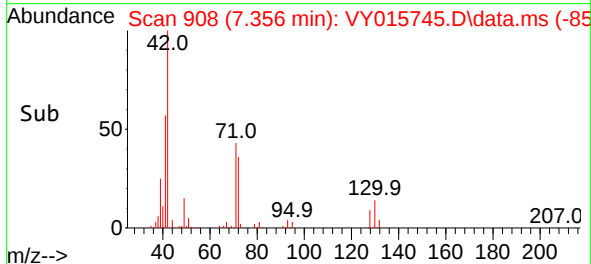
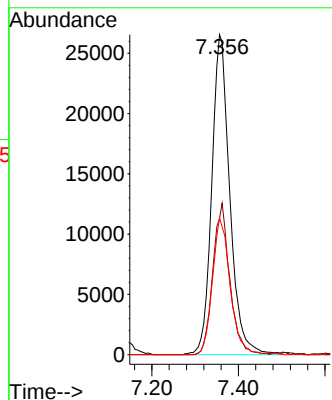
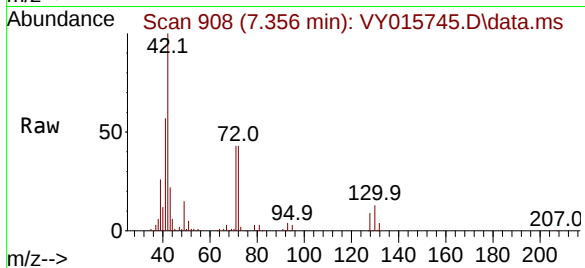
Tgt Ion:	42	Resp:	7675
Ion Ratio	Lower	Upper	
42	100		
72	44.5	32.8	49.2
71	41.9	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#30

Chloroform

Concen: 20.396 ug/l

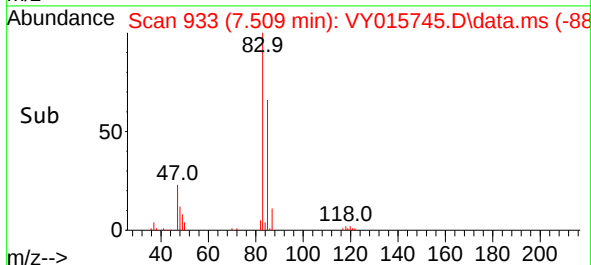
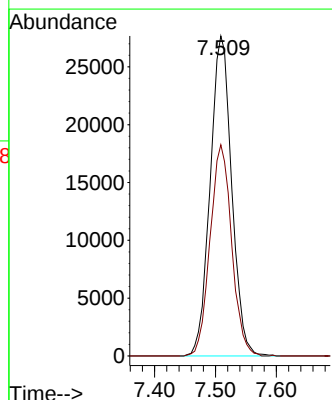
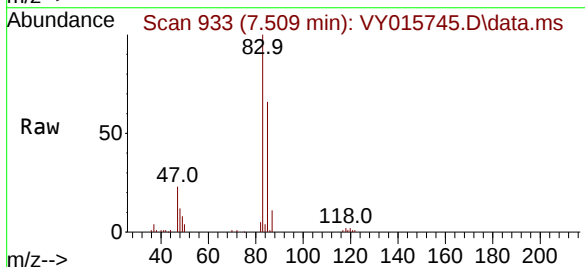
RT: 7.509 min Scan# 933

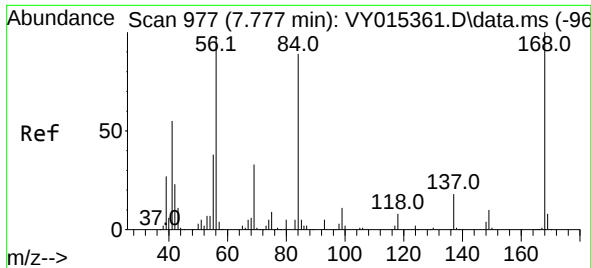
Delta R.T. 0.013 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

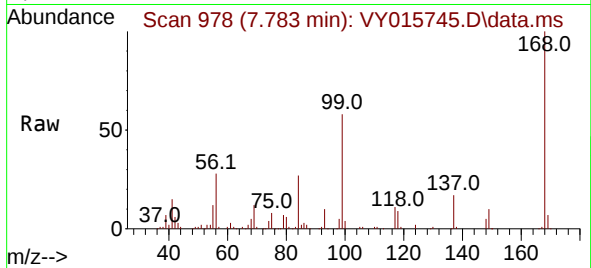
Tgt Ion:	83	Resp:	67997
Ion Ratio	Lower	Upper	
83	100		
85	66.0	49.7	74.5





#31
Cyclohexane
Concen: 17.915 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

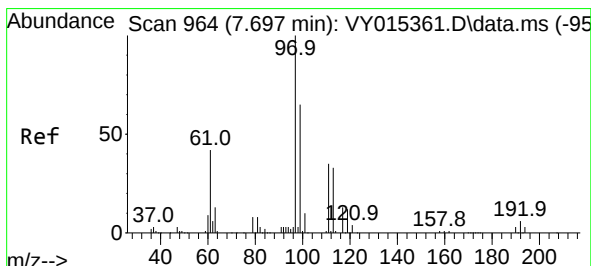
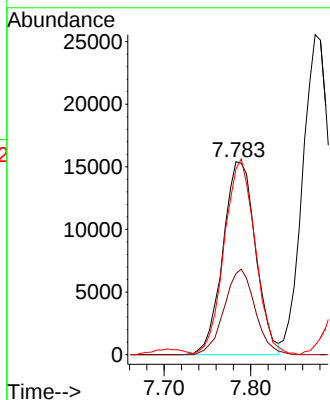
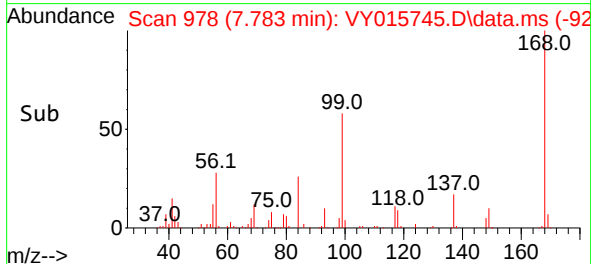
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



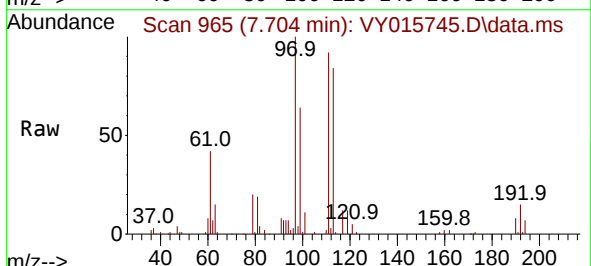
Tgt Ion: 56 Resp: 40288
Ion Ratio Lower Upper
56 100
69 42.1 27.8 41.6
84 93.7 66.4 99.6

Manual Integrations
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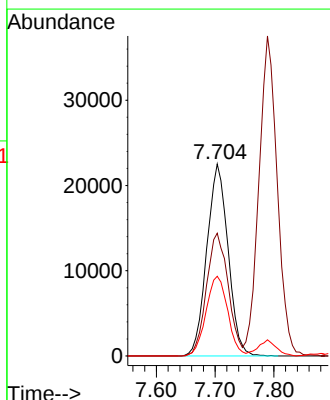
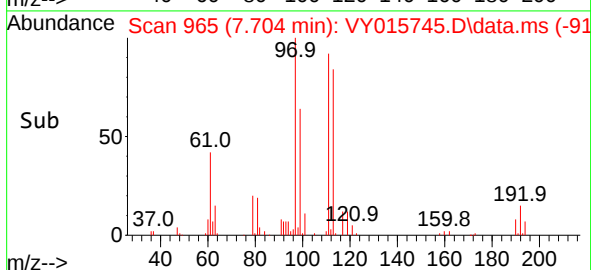
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

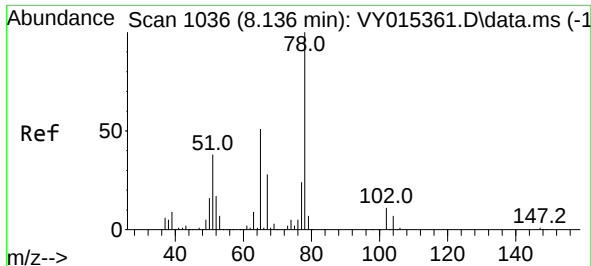


#32
1,1,1-Trichloroethane
Concen: 20.564 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.013 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54



Tgt Ion: 97 Resp: 56594
Ion Ratio Lower Upper
97 100
99 65.4 50.8 76.2
61 42.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.771 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0928SBS01

Tgt Ion: 65 Resp: 8891

Ion Ratio Lower Upper

65 100

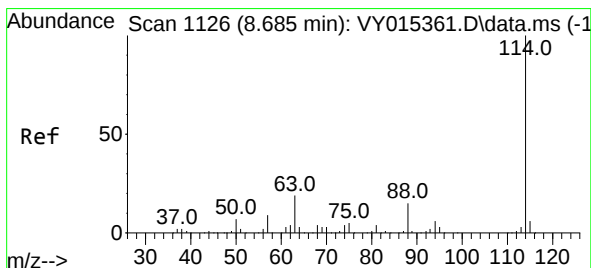
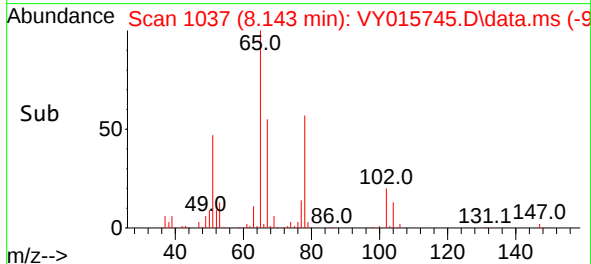
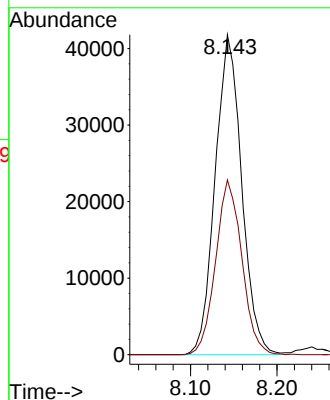
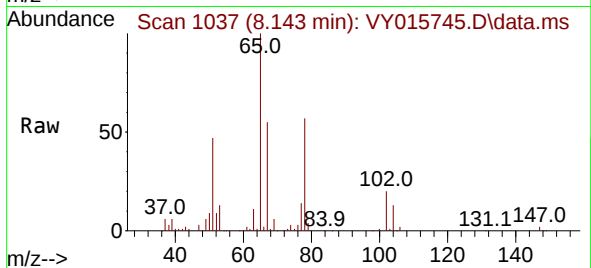
67 54.1 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

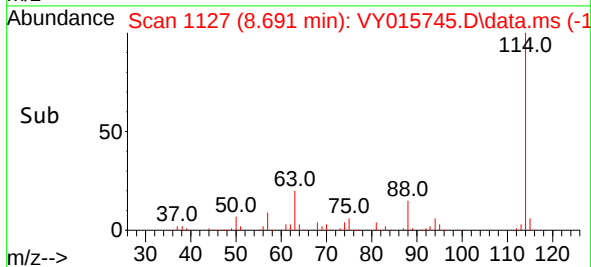
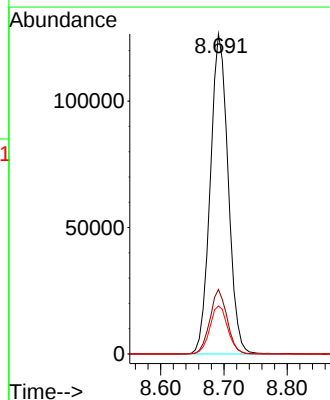
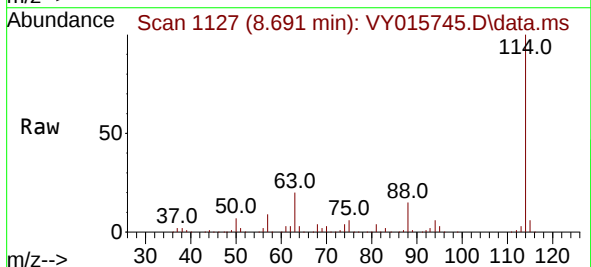
Tgt Ion:114 Resp: 247613

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

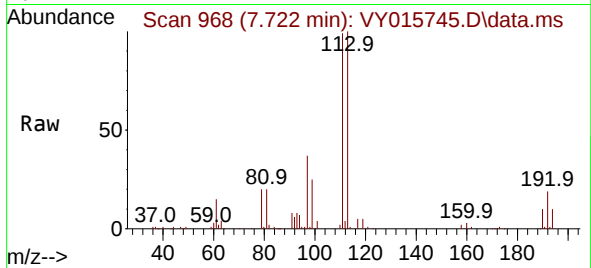
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.369 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

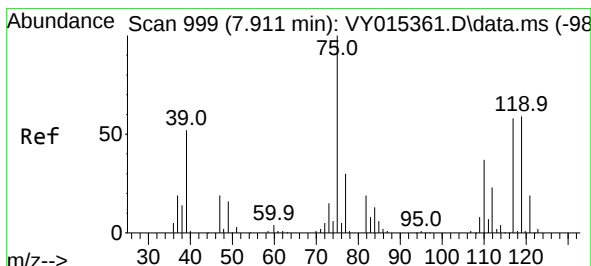
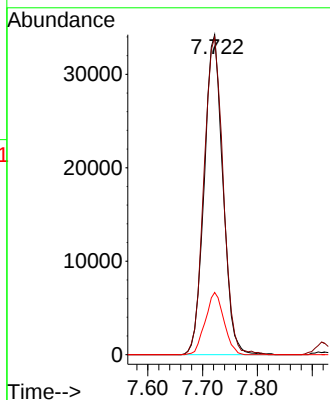
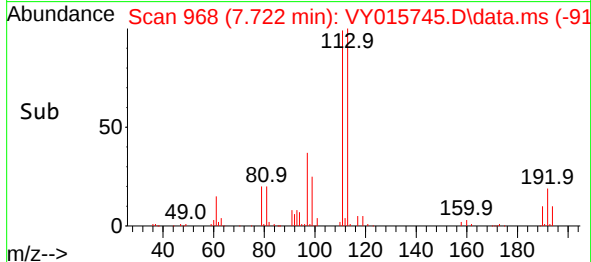
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



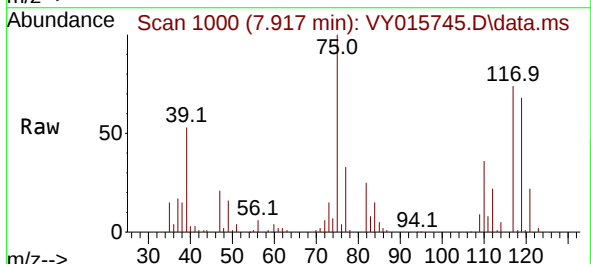
Tgt Ion:113 Resp: 8057
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.5 16.9 25.3

Manual Integrations
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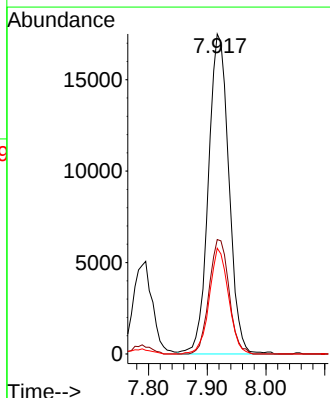
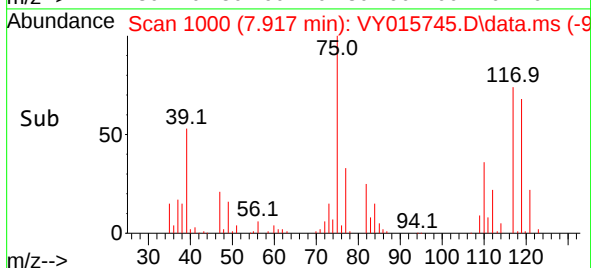
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

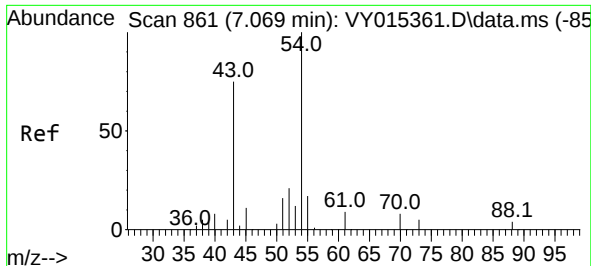


#36
1,1-Dichloropropene
Concen: 19.359 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54



Tgt Ion: 75 Resp: 42421
Ion Ratio Lower Upper
75 100
110 34.7 17.8 53.5
77 30.9 24.4 36.6





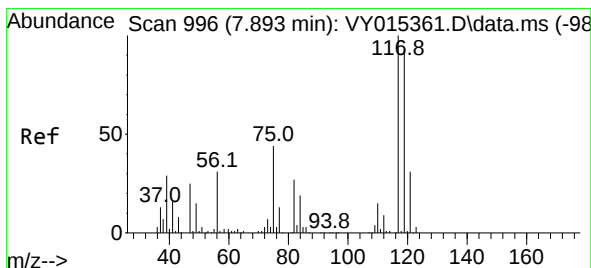
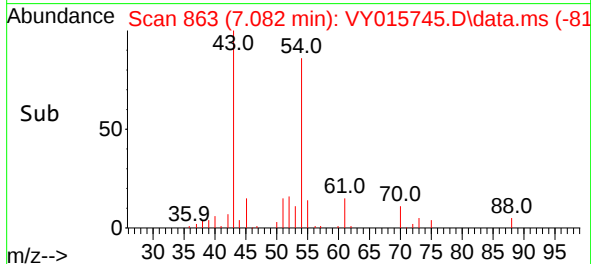
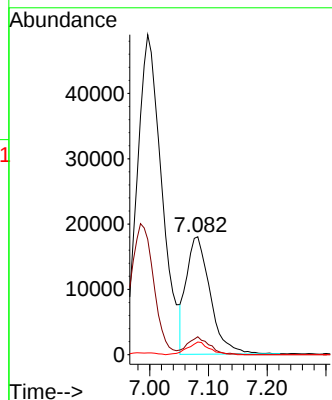
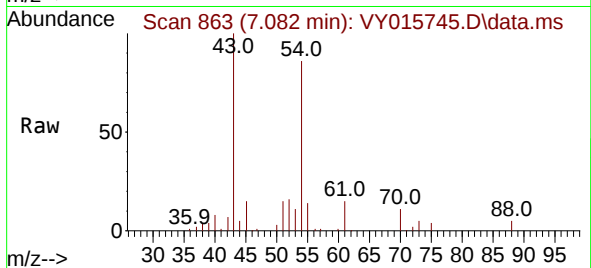
#37
Ethyl Acetate
Concen: 23.042 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.019 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01

Tgt Ion: 43 Resp: 5036
Ion Ratio Lower Upper
43 100
61 14.3 10.1 15.1
70 10.0 7.1 10.7

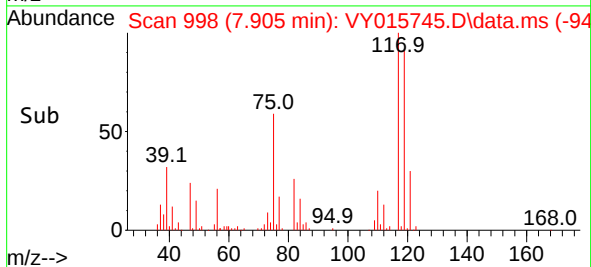
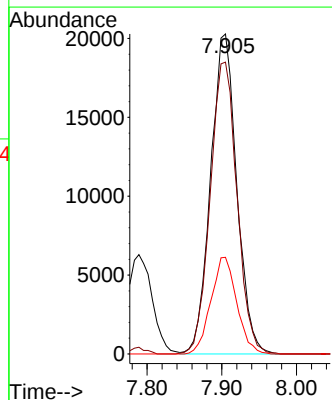
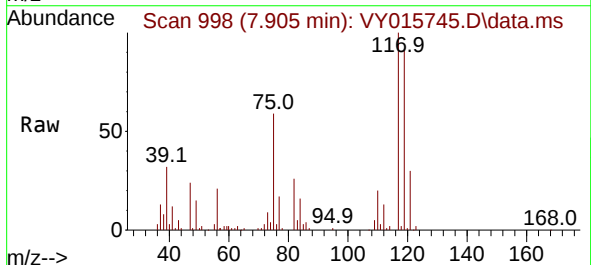
Manual Integrations
APPROVED

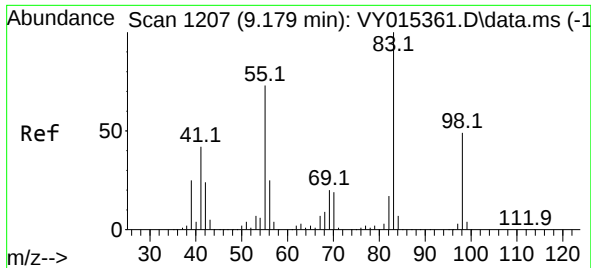
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#38
Carbon Tetrachloride
Concen: 20.737 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.012 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

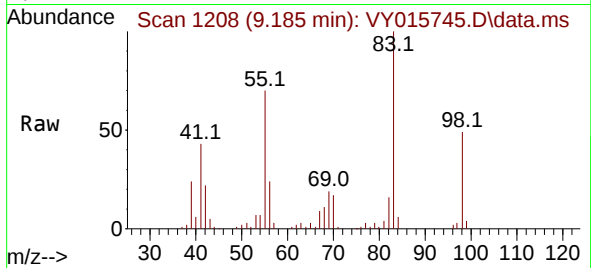
Tgt Ion:117 Resp: 49325
Ion Ratio Lower Upper
117 100
119 91.2 76.4 114.6
121 30.2 25.8 38.6





#39
Methylcyclohexane
Concen: 18.604 ug/l
RT: 9.185 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

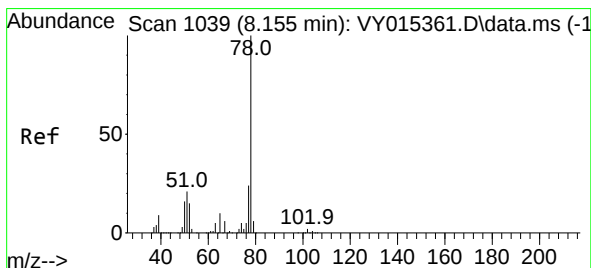
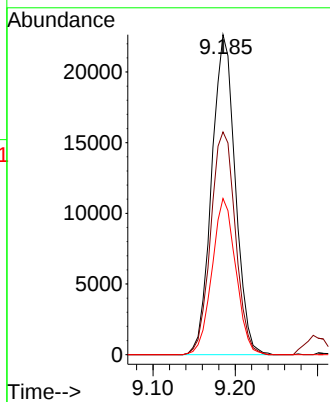
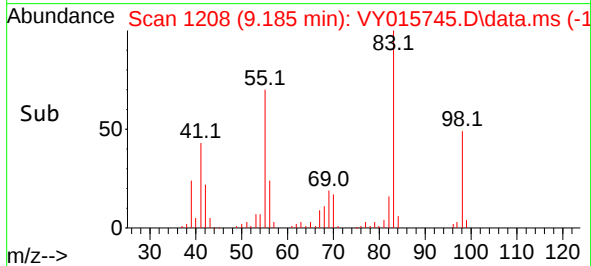
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



Tgt Ion: 83 Resp: 45092
Ion Ratio Lower Upper
83 100
55 69.6 63.0 94.4
98 48.8 37.4 56.2

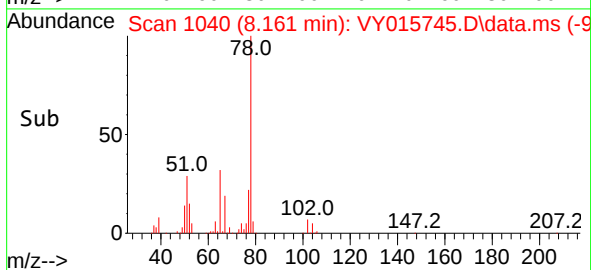
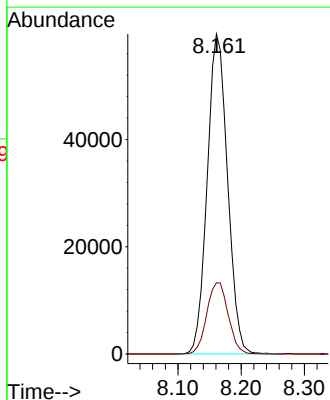
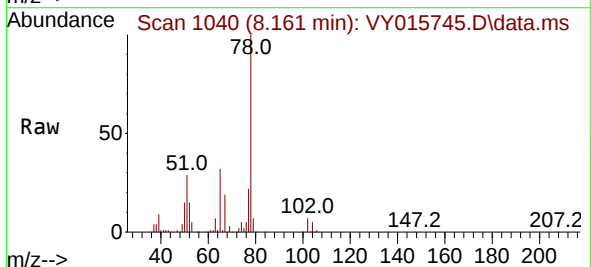
Manual Integrations
APPROVED

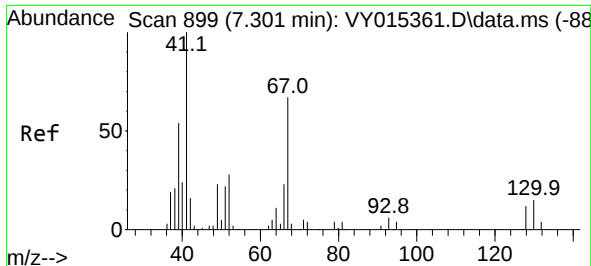
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#40
Benzene
Concen: 19.939 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

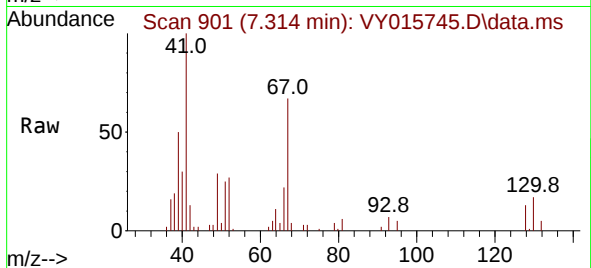
Tgt Ion: 78 Resp: 133244
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.6





#41
Methacrylonitrile
Concen: 18.597 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.001 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

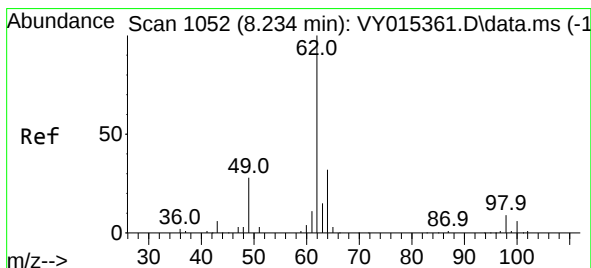
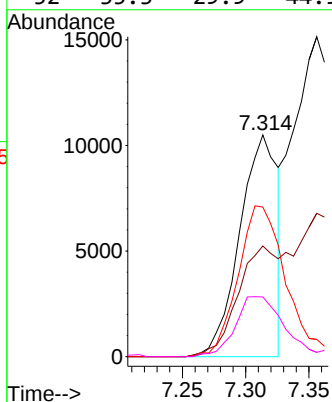
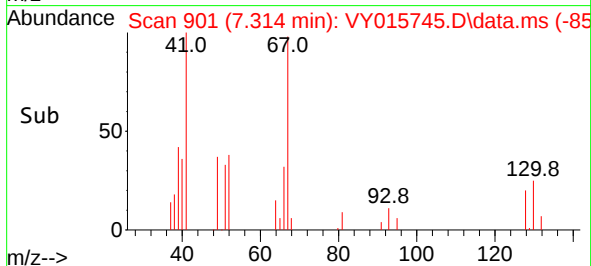
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



Tgt Ion: 41 Resp: 2188
Ion Ratio Lower Upper
41 100
39 52.7 52.1 78.1
67 86.4 66.2 99.2
52 35.3 29.9 44.9

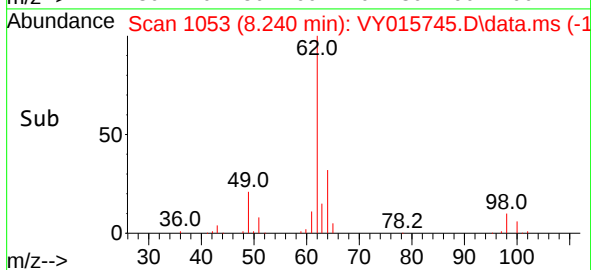
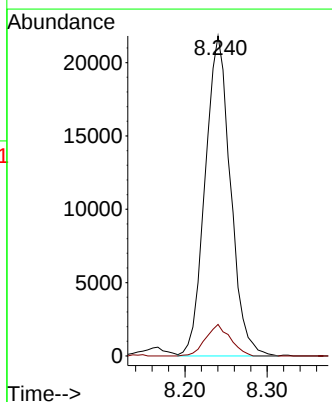
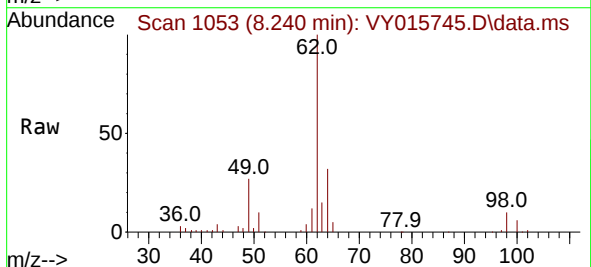
Manual Integrations
APPROVED

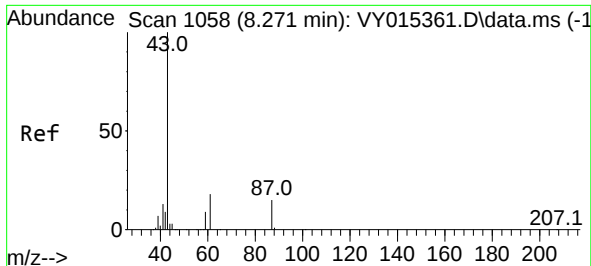
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#42
1,2-Dichloroethane
Concen: 20.402 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

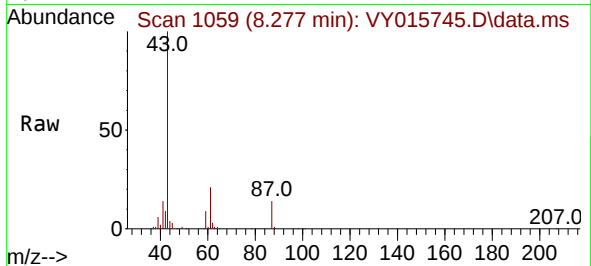
Tgt Ion: 62 Resp: 46693
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8





#43
Isopropyl Acetate
Concen: 21.491 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.013 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

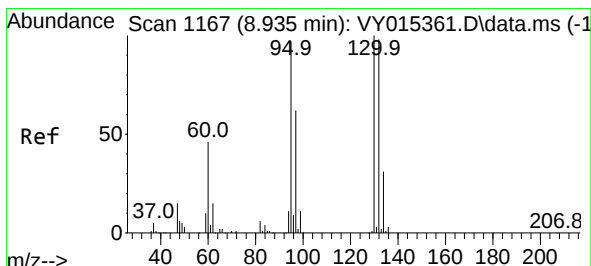
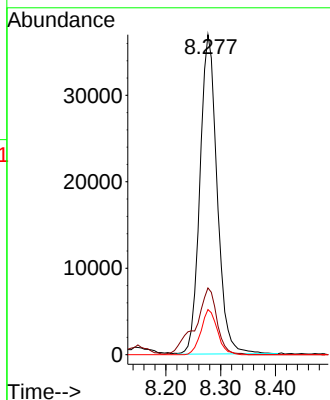
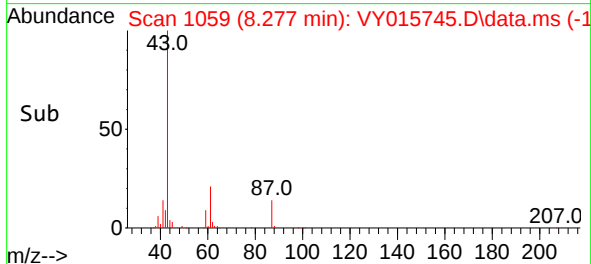
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



Tgt Ion: 43 Resp: 80240
Ion Ratio Lower Upper
43 100
61 26.2 21.1 31.7
87 13.5 9.8 14.8

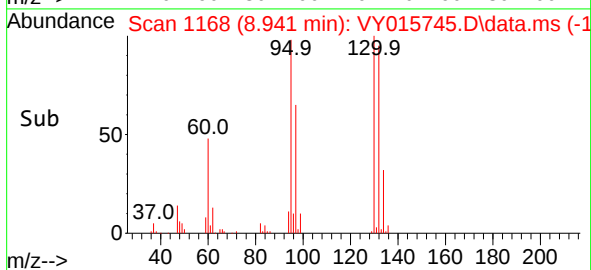
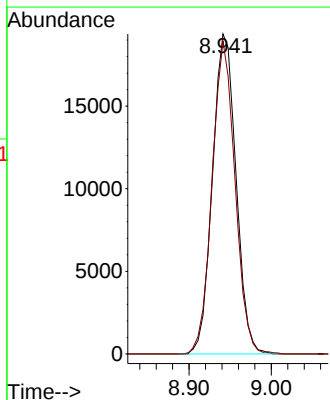
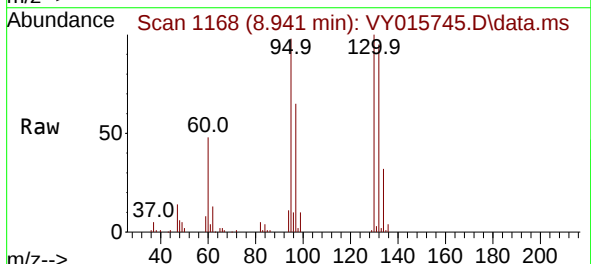
Manual Integrations
APPROVED

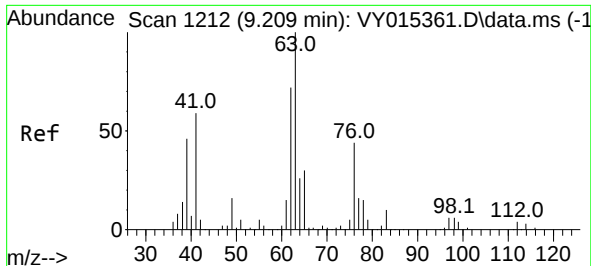
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#44
Trichloroethene
Concen: 20.657 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion:130 Resp: 38556
Ion Ratio Lower Upper
130 100
95 97.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.590 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.007 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0928SBS01

Tgt Ion: 63 Resp: 3837

Ion Ratio Lower Upper

63 100

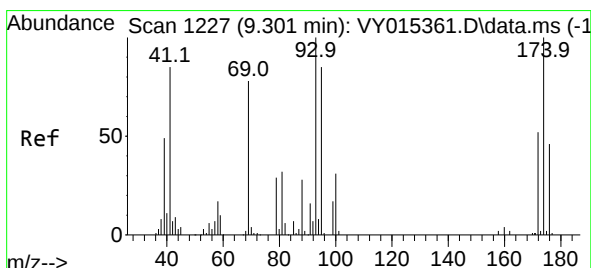
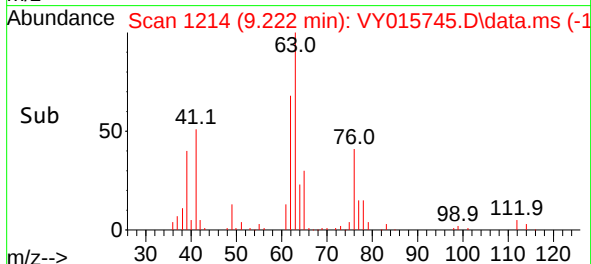
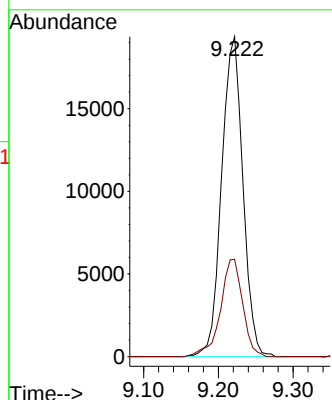
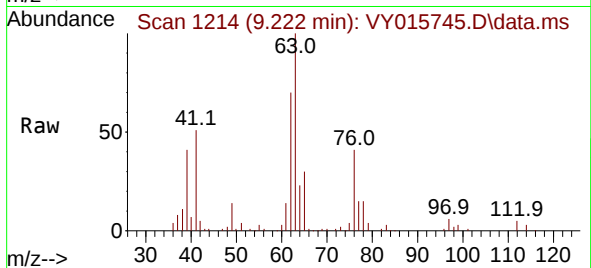
65 30.4 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#46

Dibromomethane

Concen: 20.475 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

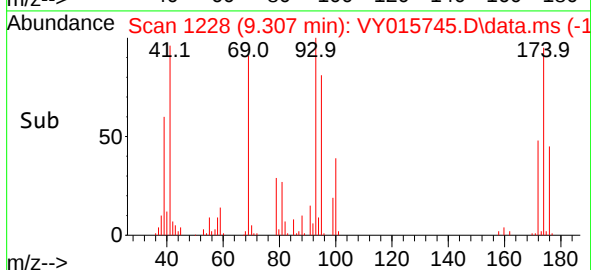
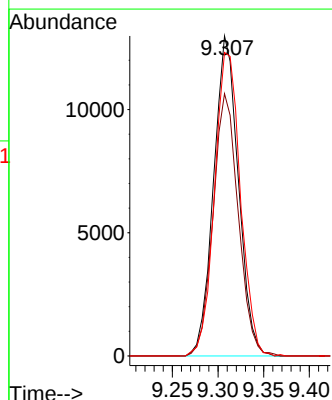
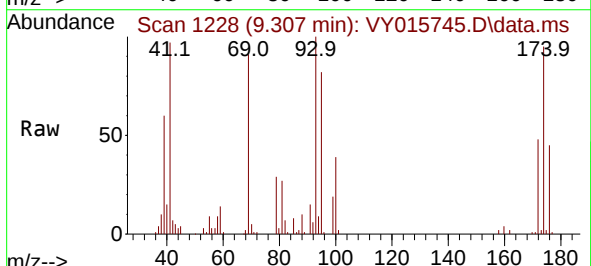
Tgt Ion: 93 Resp: 24408

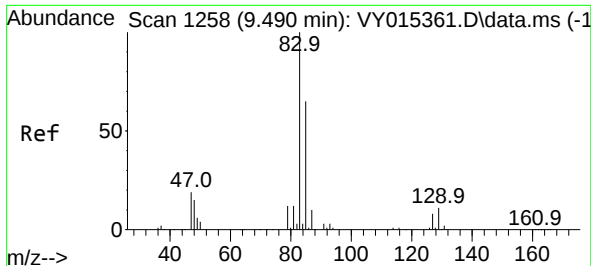
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 99.5 84.8 127.2





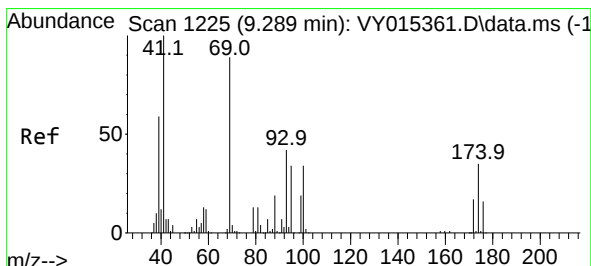
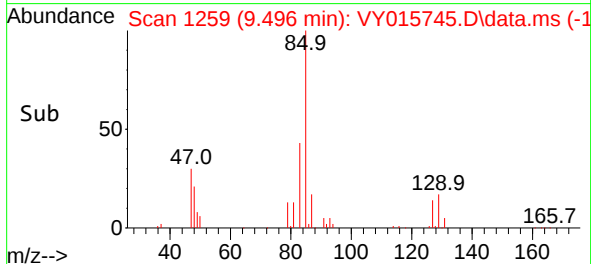
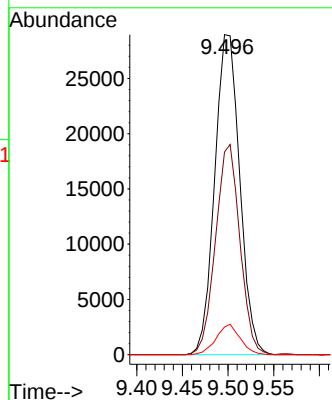
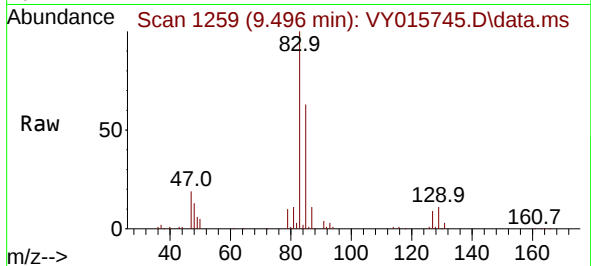
#47
Bromodichloromethane
Concen: 20.798 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBSD01

Tgt Ion: 83 Resp: 5526
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 8.6 7.1 10.7

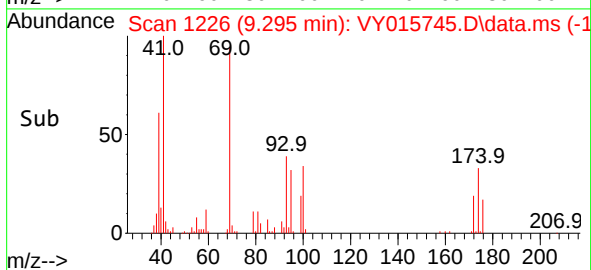
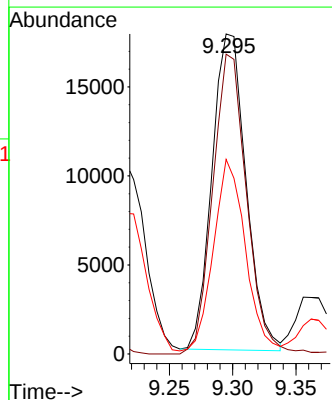
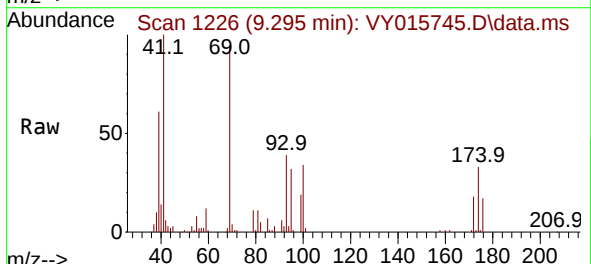
Manual Integrations
APPROVED

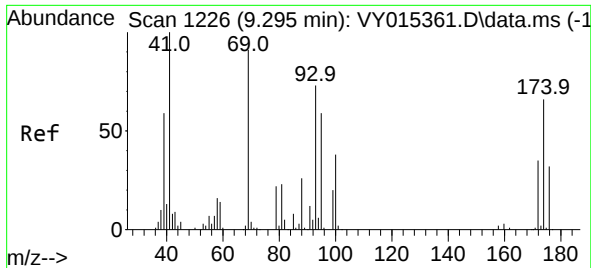
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#48
Methyl methacrylate
Concen: 20.257 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

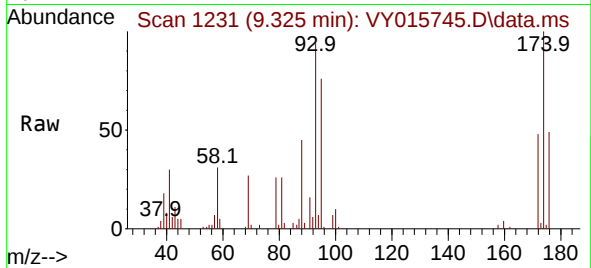
Tgt Ion: 41 Resp: 33198
Ion Ratio Lower Upper
41 100
69 94.5 64.5 96.7
39 58.7 50.8 76.2





#49
1,4-Dioxane
Concen: 516.299 ug/l
RT: 9.325 min Scan# 1226
Delta R.T. 0.036 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

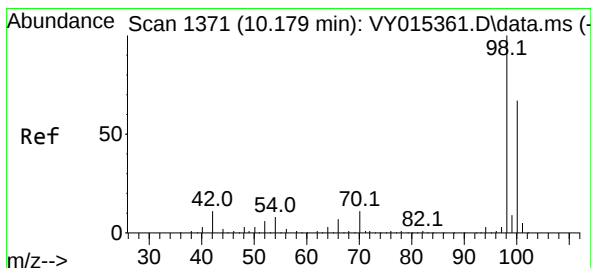
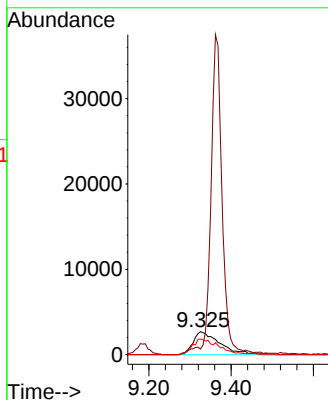
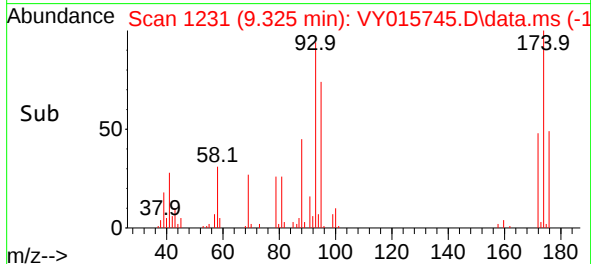
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



Tgt Ion: 88 Resp: 12159
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 65.6 30.9 46.3

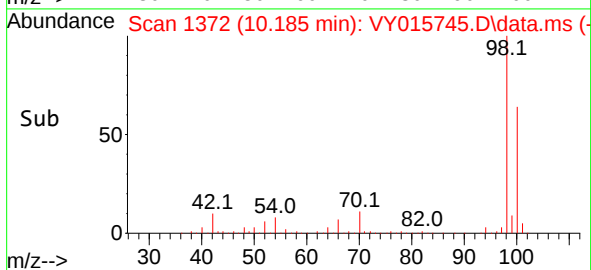
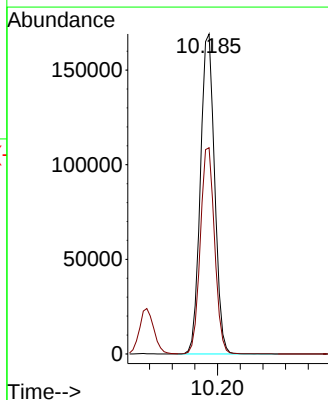
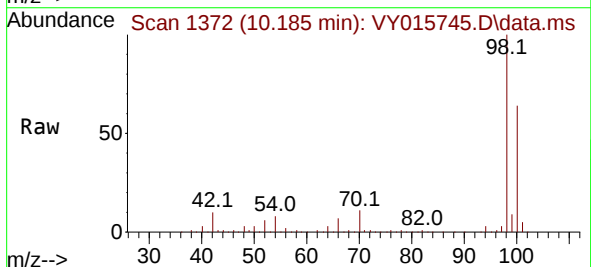
Manual Integrations
APPROVED

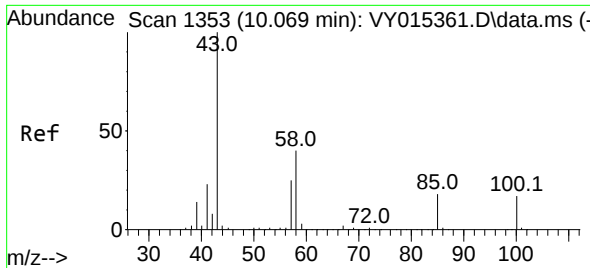
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#50
Toluene-d8
Concen: 58.488 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion: 98 Resp: 293909
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1





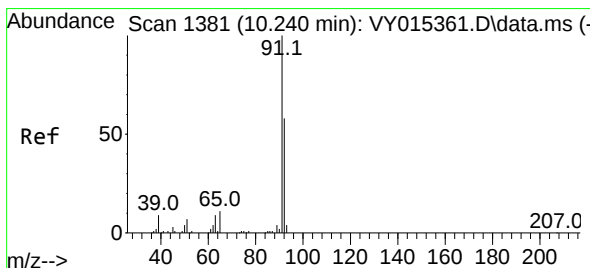
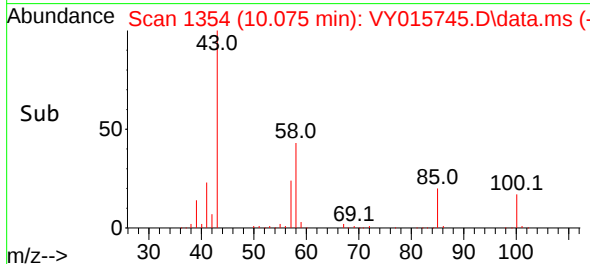
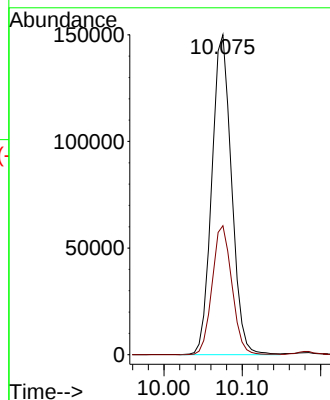
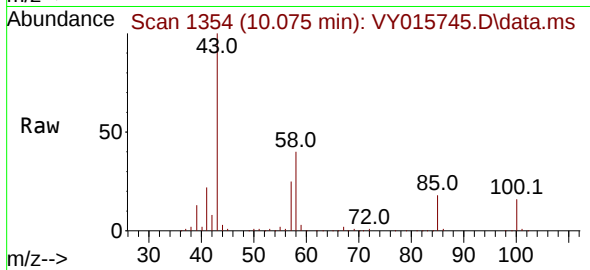
#51
4-Methyl-2-Pentanone
Concen: 113.570 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01

Tgt Ion: 43 Resp: 26282
Ion Ratio Lower Upper
43 100
58 40.3 29.0 43.6

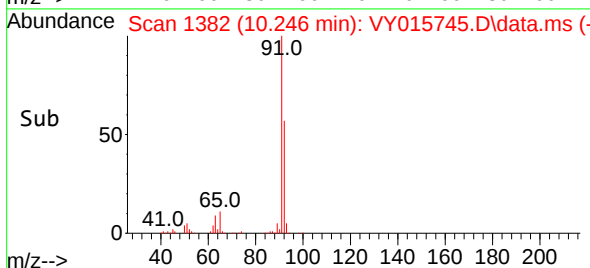
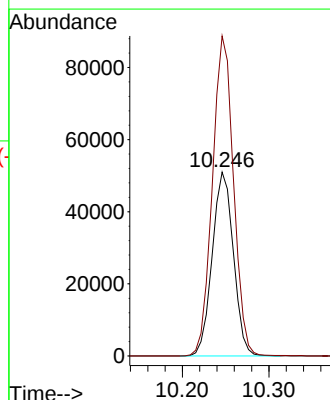
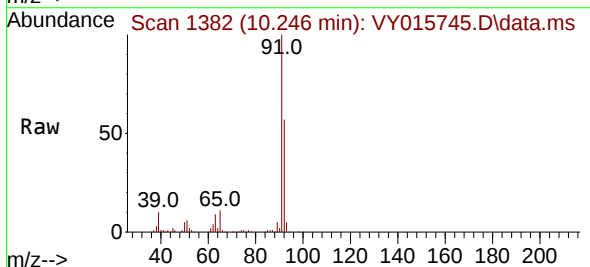
Manual Integrations
APPROVED

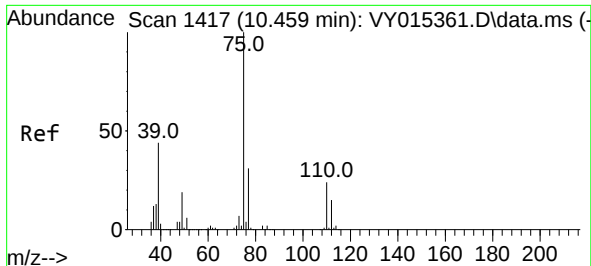
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#52
Toluene
Concen: 20.086 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion: 92 Resp: 86534
Ion Ratio Lower Upper
92 100
91 173.7 143.8 215.6





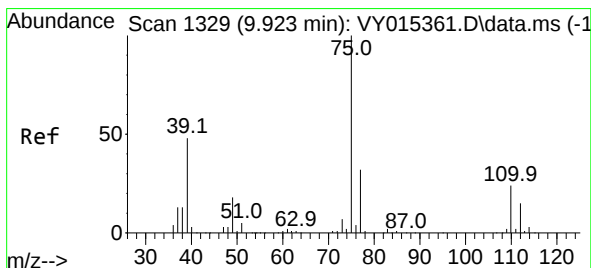
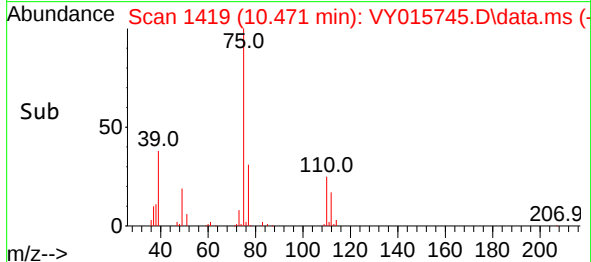
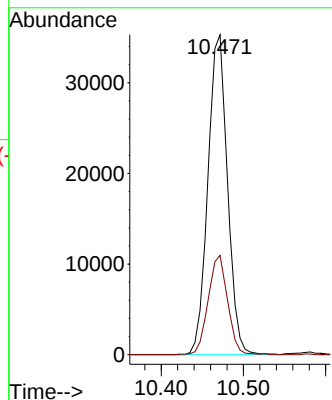
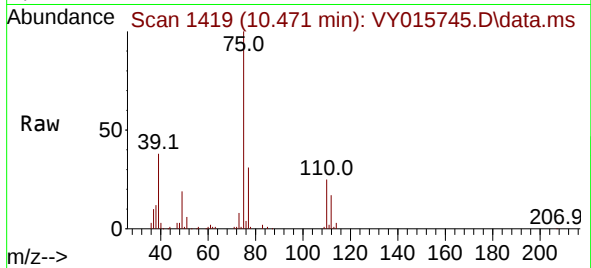
#53
t-1,3-Dichloropropene
Concen: 20.515 ug/l
RT: 10.471 min Scan# 1417
Delta R.T. 0.012 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01

Tgt Ion: 75 Resp: 58454
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4

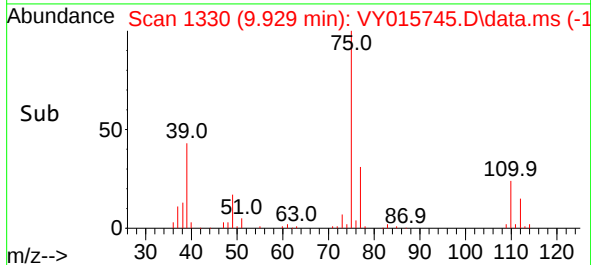
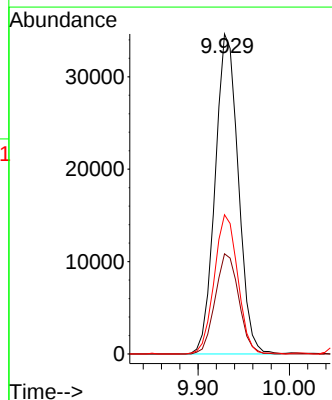
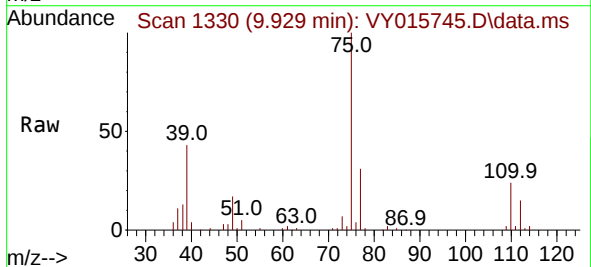
Manual Integrations
APPROVED

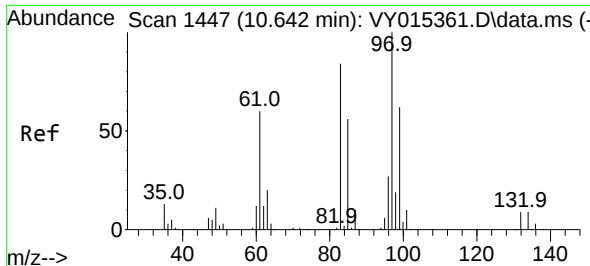
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#54
cis-1,3-Dichloropropene
Concen: 19.886 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

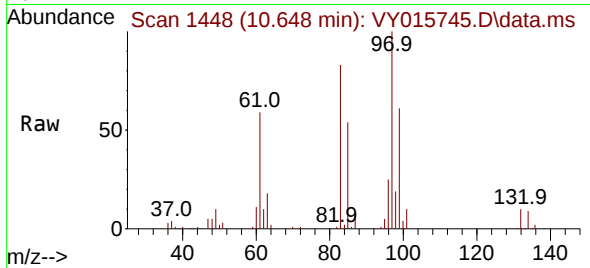
Tgt Ion: 75 Resp: 60994
Ion Ratio Lower Upper
75 100
77 31.3 24.2 36.4
39 43.5 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 21.491 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

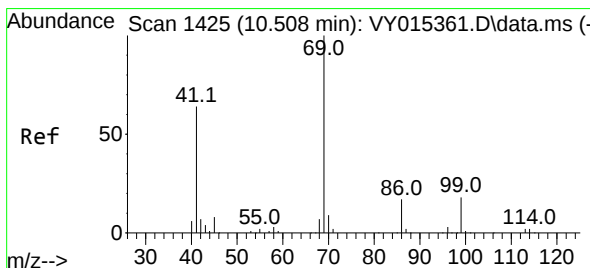
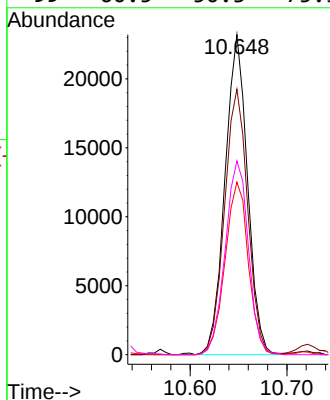
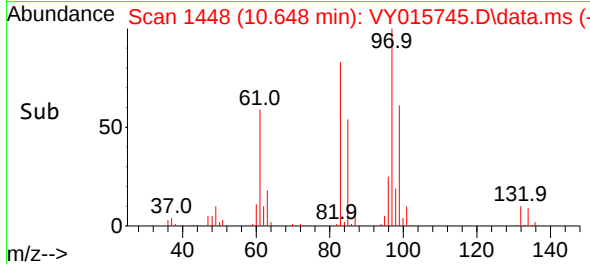
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



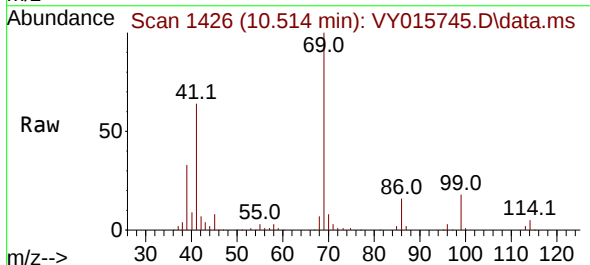
Tgt Ion:	97	Resp:	3754
Ion	Ratio	Lower	Upper
97	100		
83	82.9	72.0	108.0
85	53.9	45.4	68.0
99	60.5	50.3	75.5

Manual Integrations
APPROVED

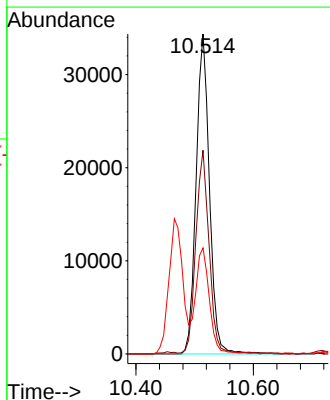
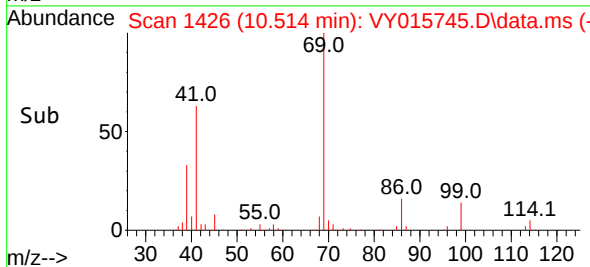
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

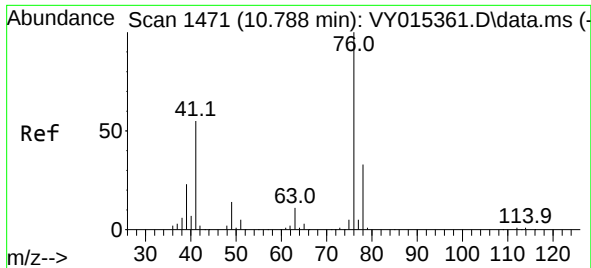


#56
Ethyl methacrylate
Concen: 21.062 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54



Tgt Ion:	69	Resp:	54222
Ion	Ratio	Lower	Upper
69	100		
41	62.2	57.6	86.4
39	34.6	34.1	51.1





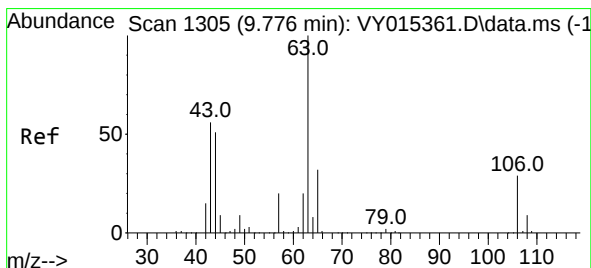
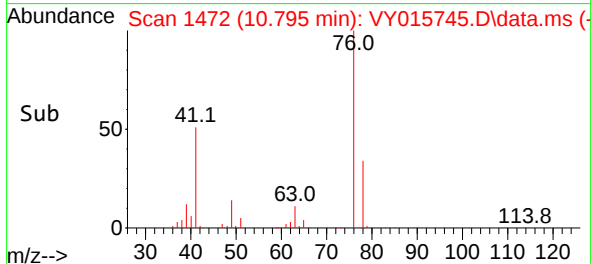
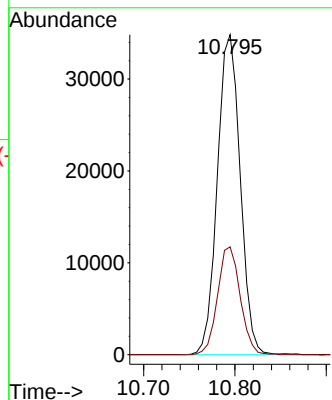
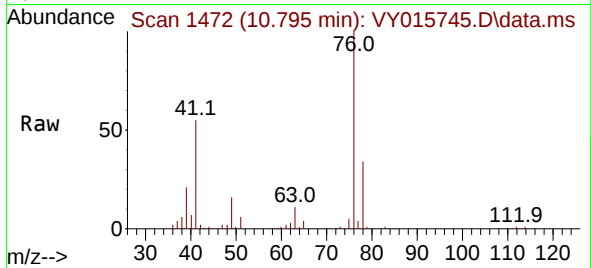
#57
1,3-Dichloropropane
Concen: 20.656 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.007 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01

Tgt Ion: 76 Resp: 60512
Ion Ratio Lower Upper
76 100
78 33.4 25.3 37.9

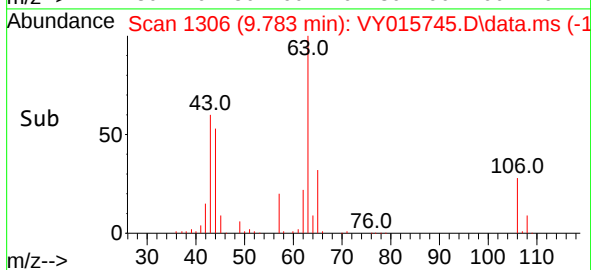
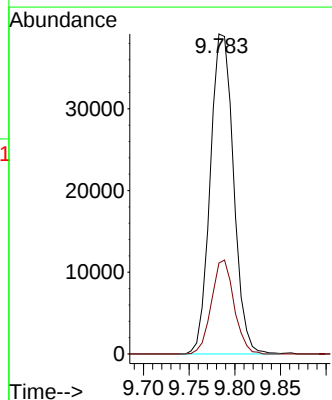
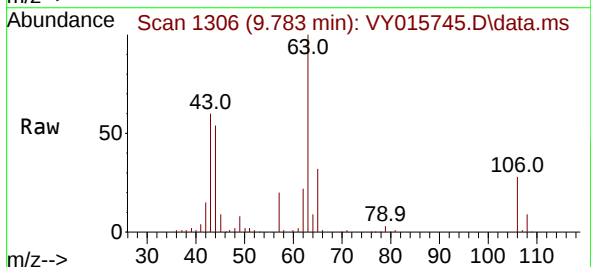
Manual Integrations
APPROVED

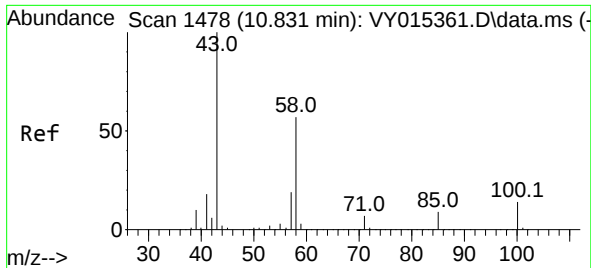
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#58
2-Chloroethyl Vinyl ether
Concen: 84.938 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.007 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion: 63 Resp: 69459
Ion Ratio Lower Upper
63 100
106 28.4 21.2 31.8





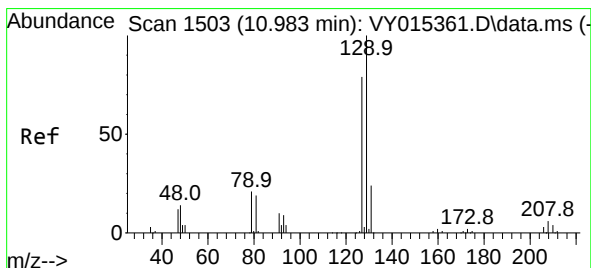
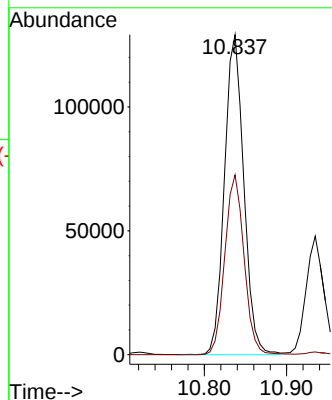
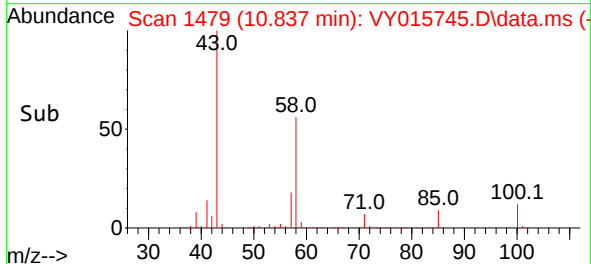
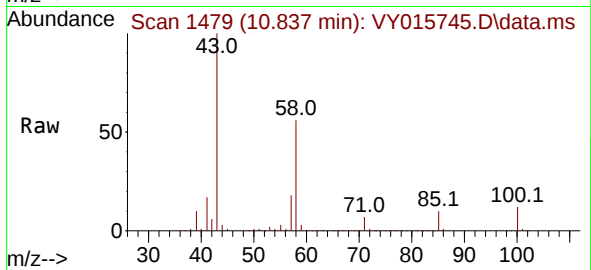
#59
2-Hexanone
Concen: 118.765 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01

Tgt Ion: 43 Resp: 21086
Ion Ratio Lower Upper
43 100
58 55.9 25.1 75.3

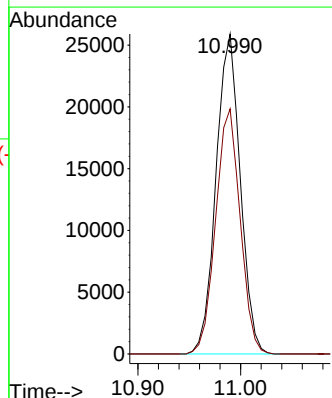
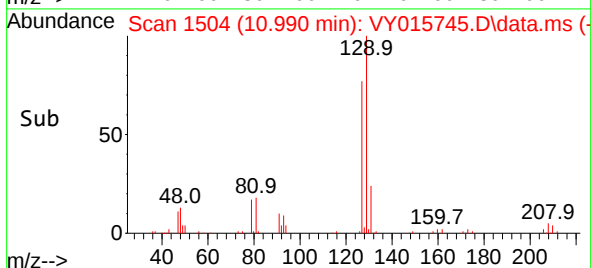
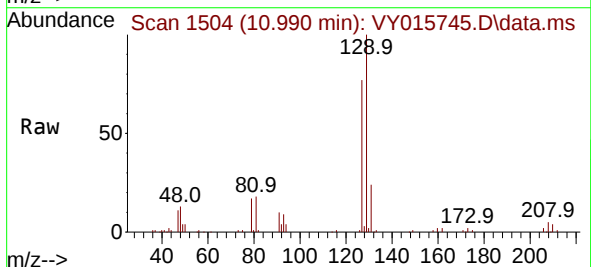
Manual Integrations
APPROVED

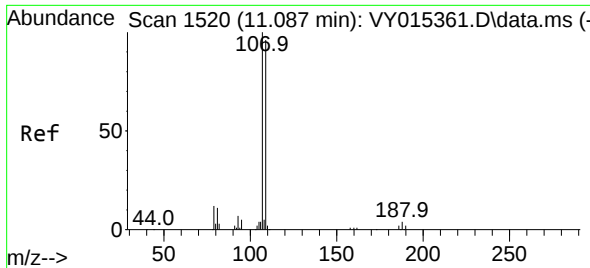
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#60
Dibromochloromethane
Concen: 20.768 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.007 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

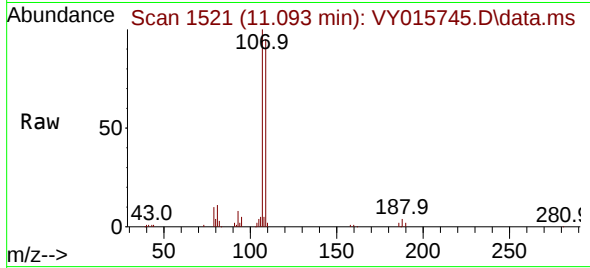
Tgt Ion:129 Resp: 42352
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.777 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

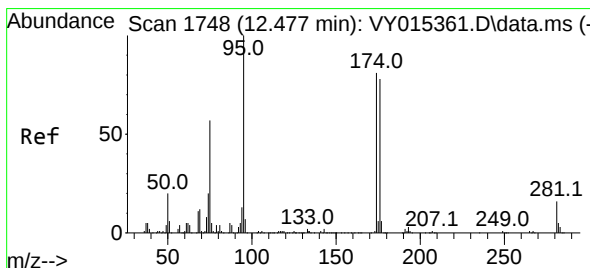
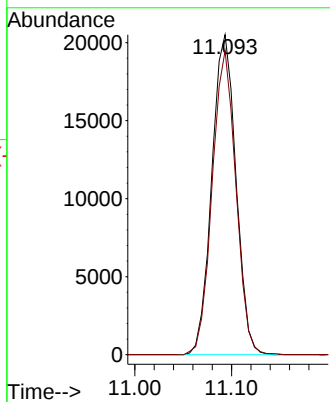
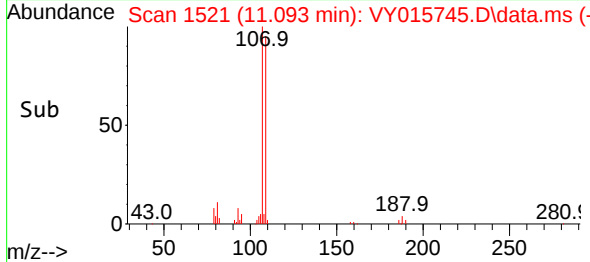
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBSD01



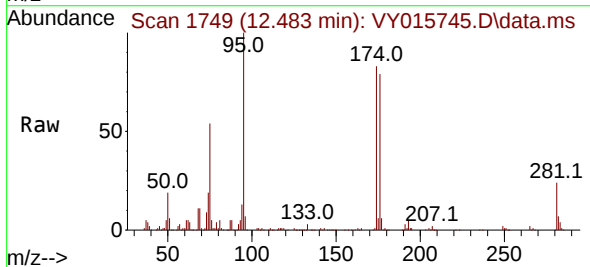
Tgt Ion:107 Resp: 35508
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4

Manual Integrations
APPROVED

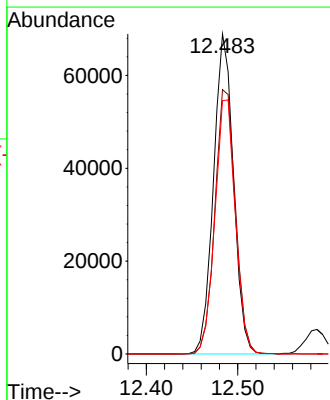
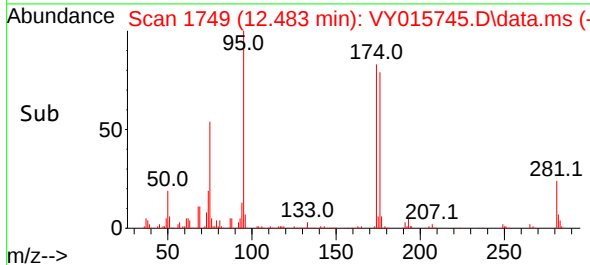
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#62
4-Bromofluorobenzene
Concen: 52.972 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54



Tgt Ion: 95 Resp: 104461
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 81.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0928SBS01

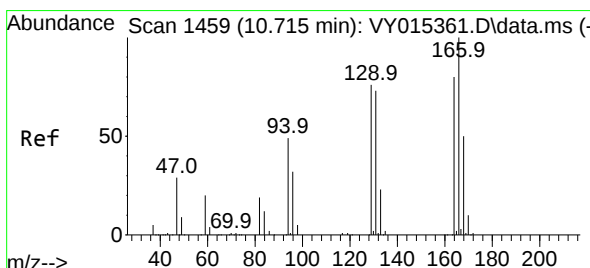
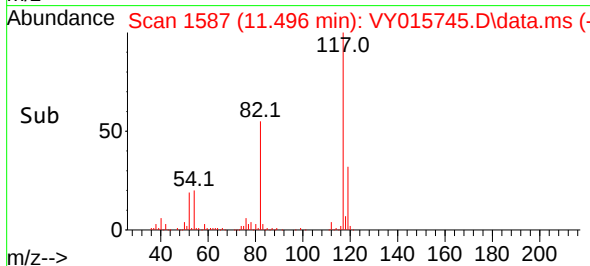
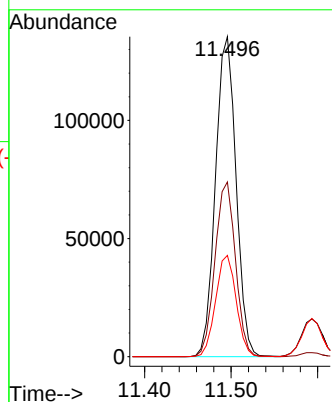
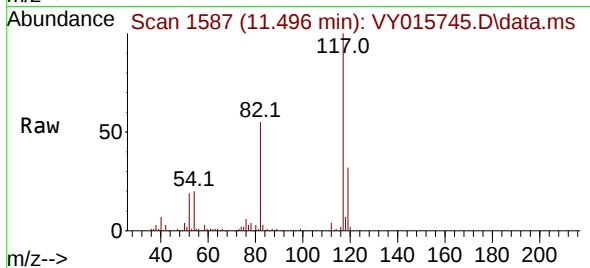
Tgt Ion:	117	Resp:	22332
Ion Ratio	Lower	Upper	
117	100		
82	54.6	43.4	65.0
119	31.7	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#64

Tetrachloroethene

Concen: 21.893 ug/l

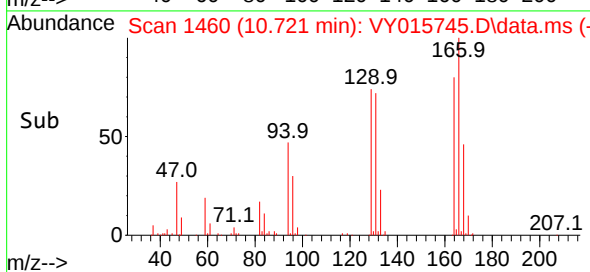
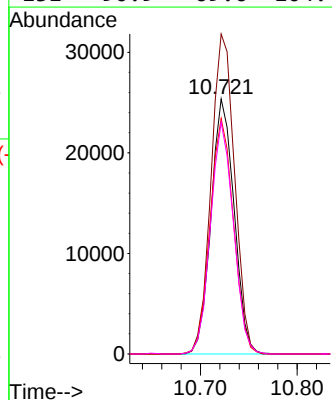
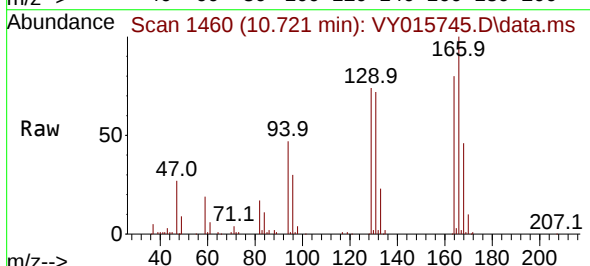
RT: 10.721 min Scan# 1460

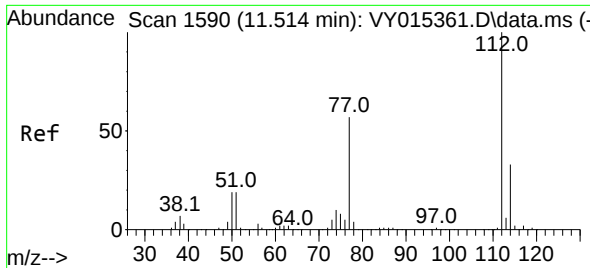
Delta R.T. 0.006 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

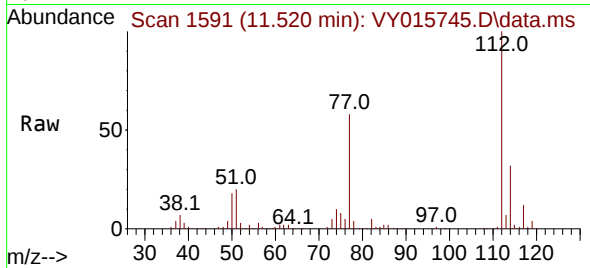
Tgt Ion:	164	Resp:	41948
Ion Ratio	Lower	Upper	
164	100		
166	125.4	103.0	154.6
129	92.3	77.2	115.8
131	90.9	69.6	104.4





#65
Chlorobenzene
Concen: 20.571 ug/l
RT: 11.520 min Scan# 1590
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

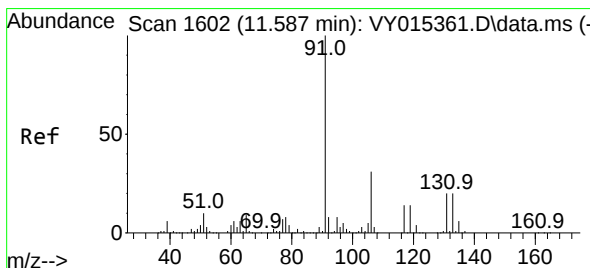
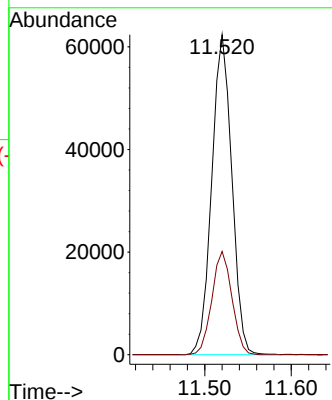
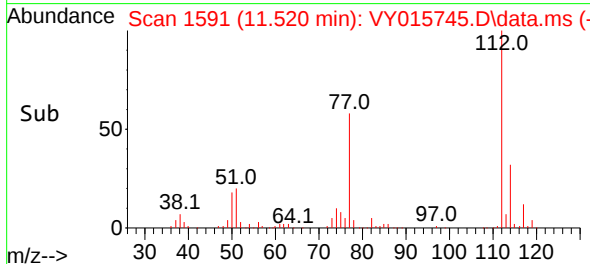
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



Tgt Ion:112 Resp: 100279
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3

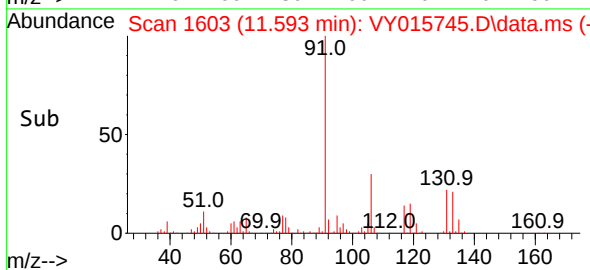
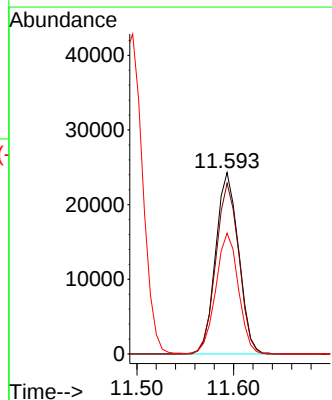
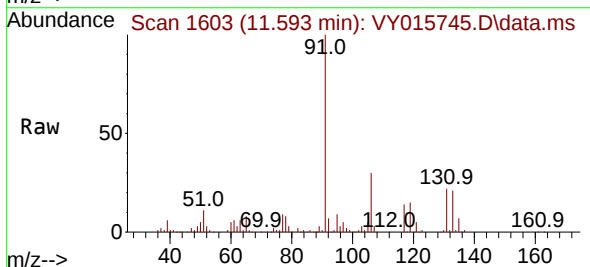
Manual Integrations
APPROVED

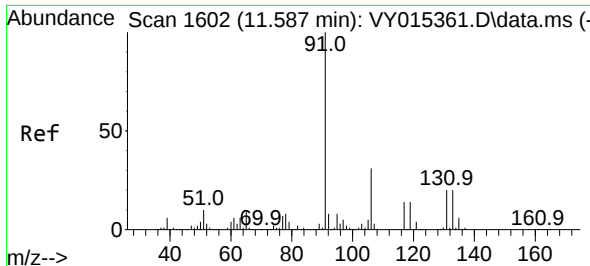
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.158 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion:131 Resp: 40064
Ion Ratio Lower Upper
131 100
133 94.1 47.5 142.6
119 65.6 31.6 94.7





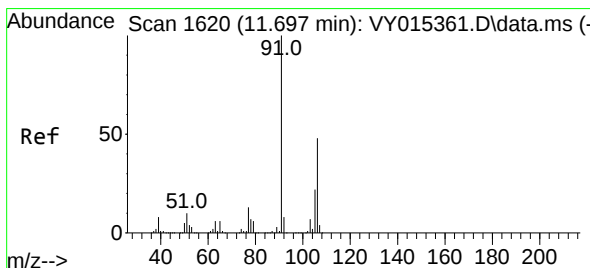
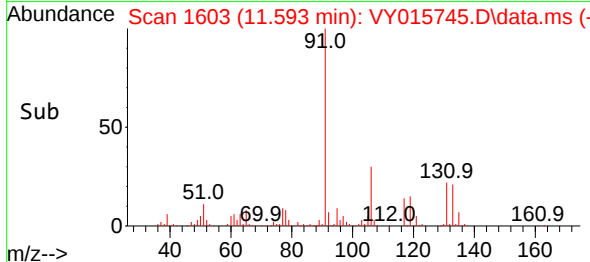
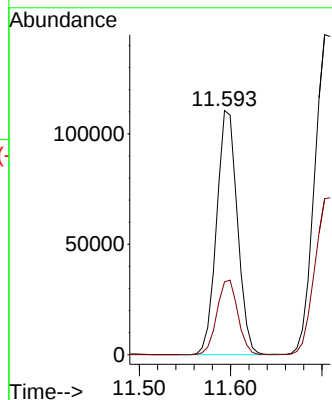
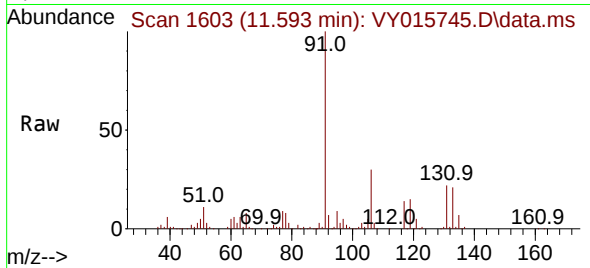
#67
Ethyl Benzene
Concen: 20.549 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01

Tgt Ion: 91 Resp: 175084
Ion Ratio Lower Upper
91 100
106 29.8 24.6 36.8

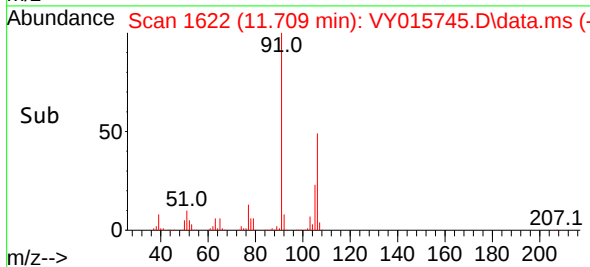
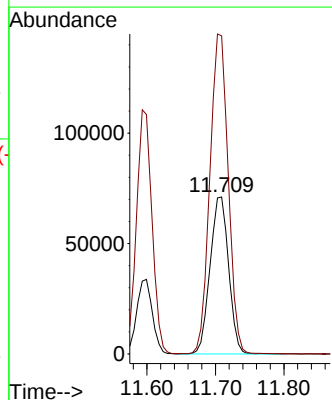
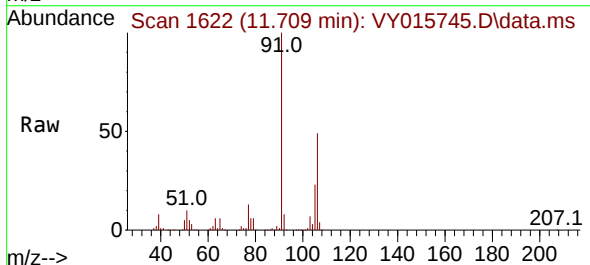
Manual Integrations
APPROVED

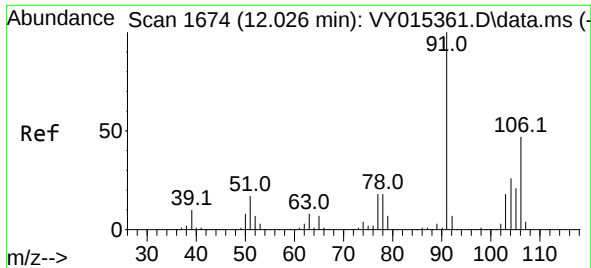
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#68
m/p-Xylenes
Concen: 41.355 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion:106 Resp: 133931
Ion Ratio Lower Upper
106 100
91 201.9 166.1 249.1





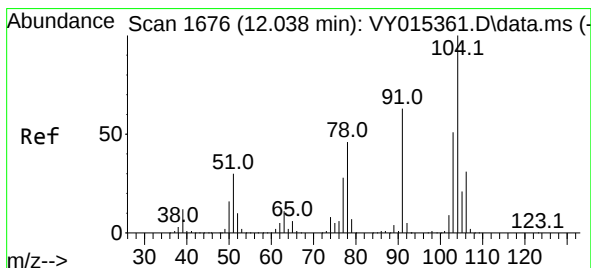
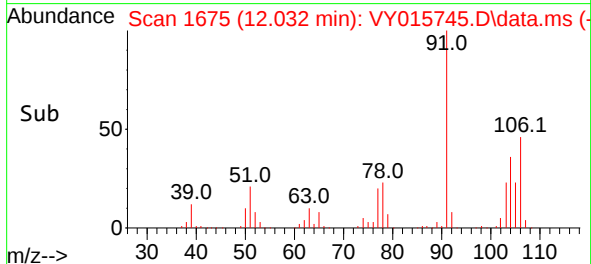
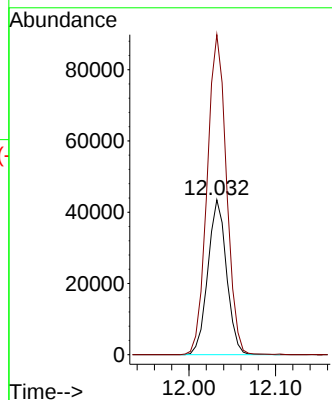
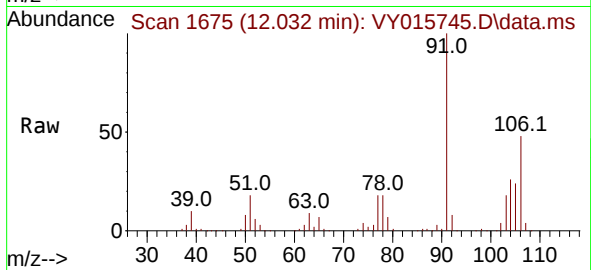
#69
o-Xylene
Concen: 20.528 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01

Tgt Ion:106 Resp: 6518
Ion Ratio Lower Upper
106 100
91 213.7 108.1 324.3

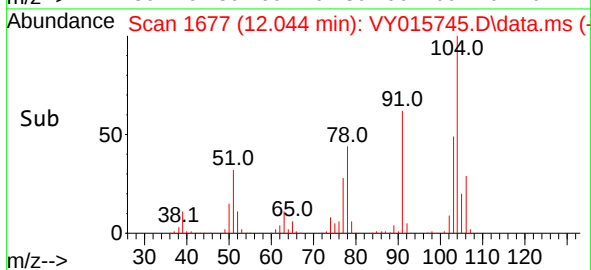
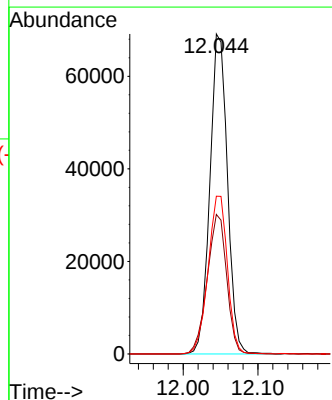
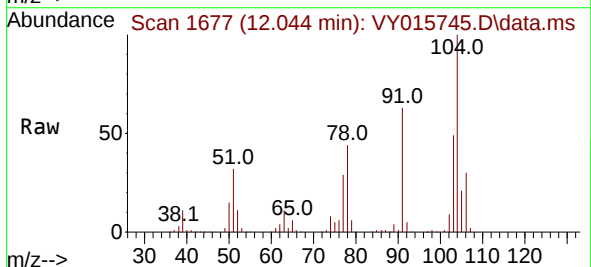
Manual Integrations
APPROVED

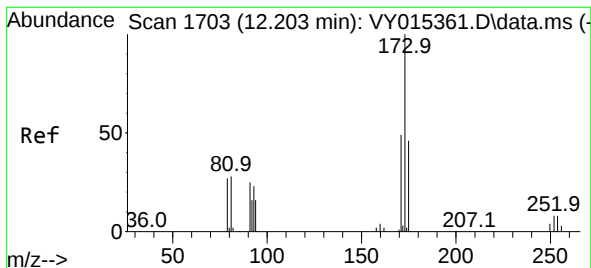
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#70
Styrene
Concen: 20.780 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion:104 Resp: 112954
Ion Ratio Lower Upper
104 100
78 48.3 41.5 62.3
103 54.3 44.6 67.0





#71

Bromoform

Concen: 22.026 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0928SBS01

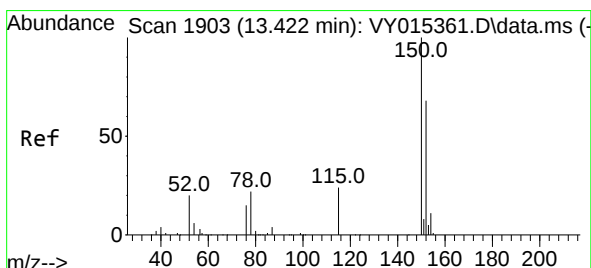
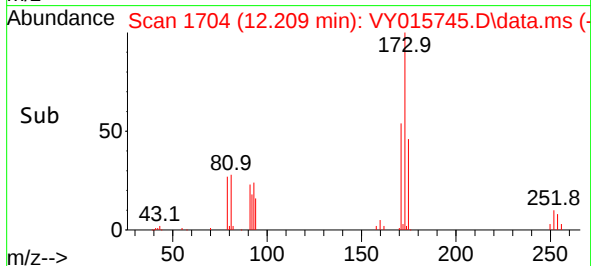
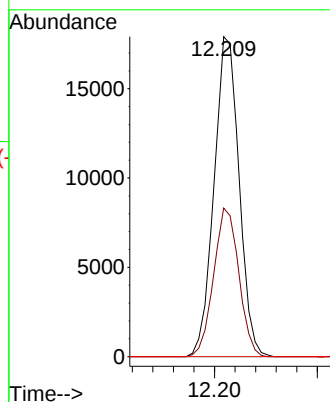
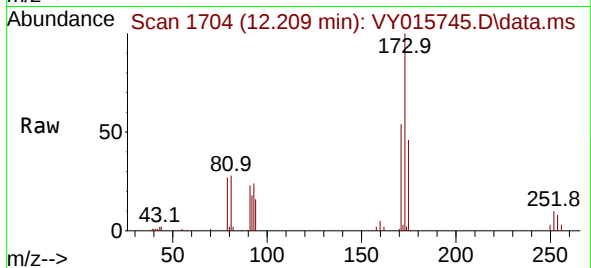
Tgt Ion:173	Resp:	30224
Ion Ratio	Lower	Upper
173	100	
175	46.7	24.6 73.8
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

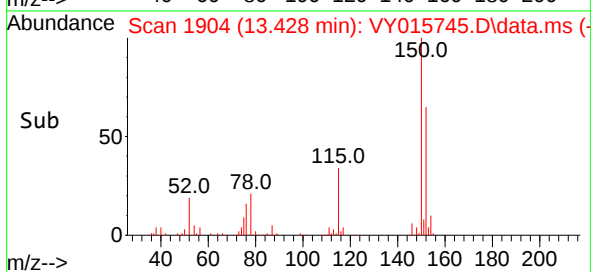
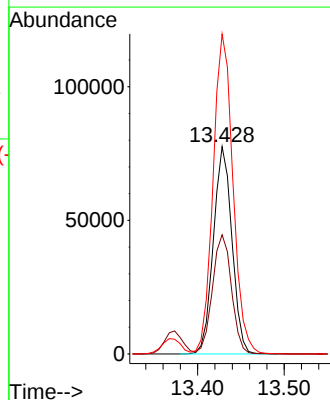
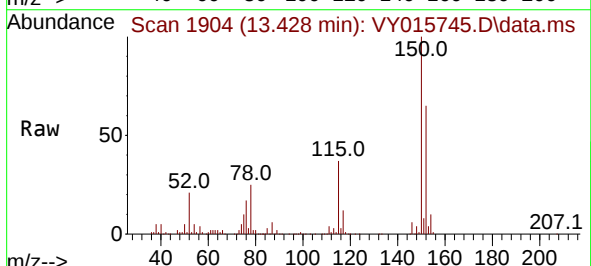
RT: 13.428 min Scan# 1904

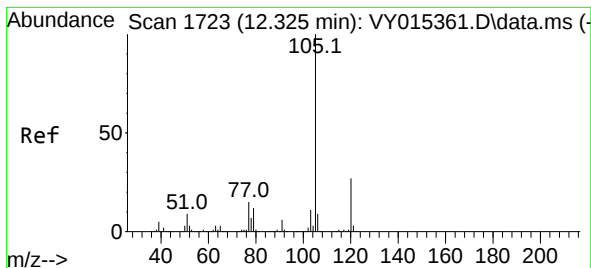
Delta R.T. 0.006 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Tgt Ion:152	Resp:	115423
Ion Ratio	Lower	Upper
152	100	
115	58.9	28.8 86.5
150	165.5	0.0 348.8





#73

Isopropylbenzene

Concen: 20.634 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0928SBS01

Tgt Ion:105 Resp: 17866

Ion Ratio Lower Upper

105 100

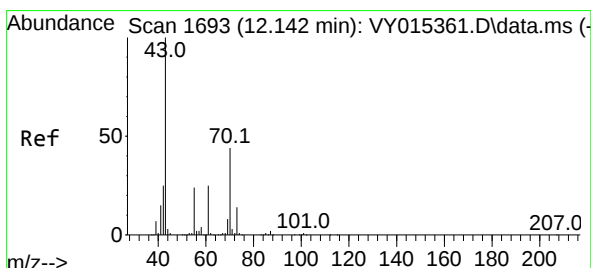
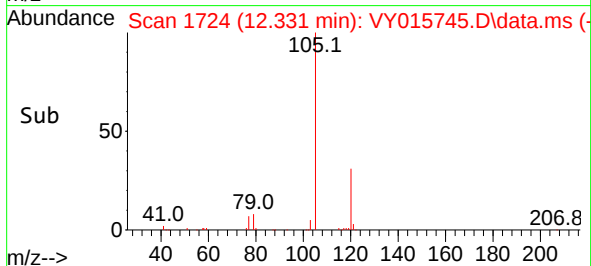
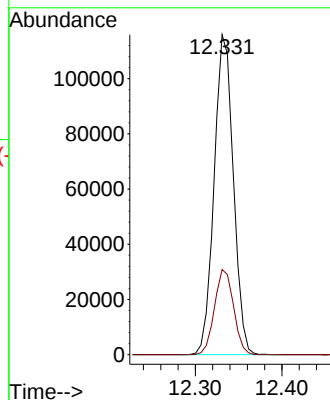
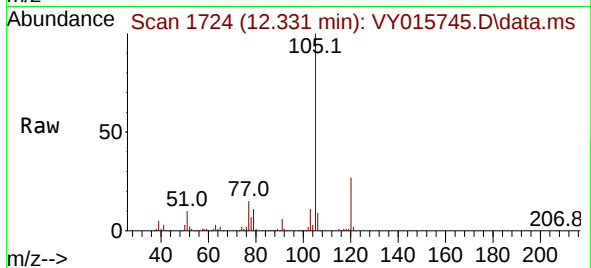
120 26.3 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#74

N-ethyl acetate

Concen: 21.762 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Tgt Ion: 43 Resp: 70822

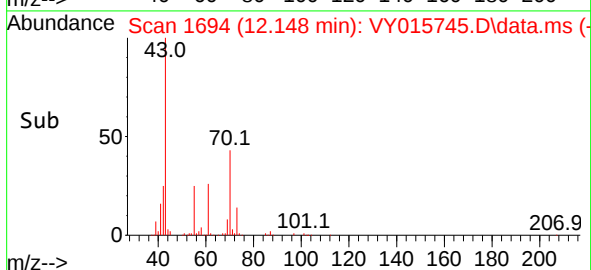
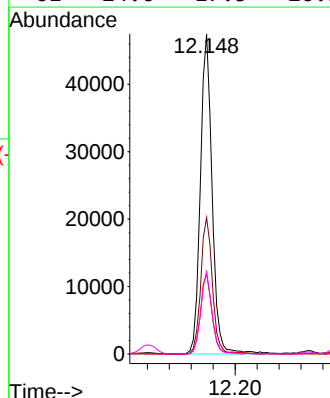
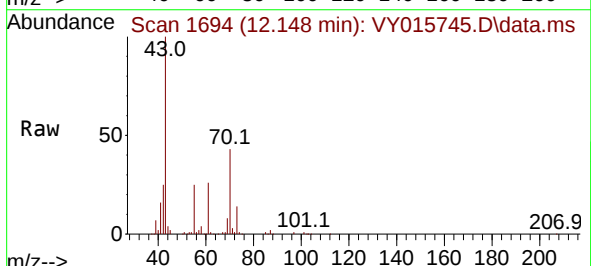
Ion Ratio Lower Upper

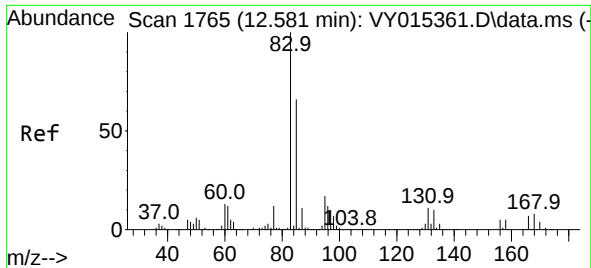
43 100

70 42.5 29.7 44.5

55 24.1 18.3 27.5

61 24.6 17.5 26.3





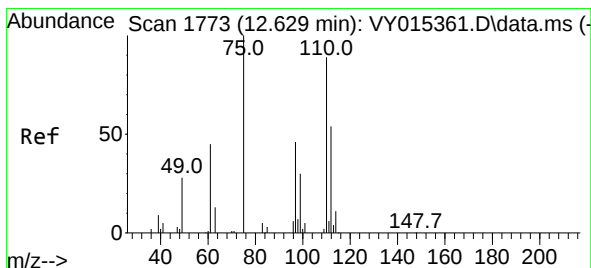
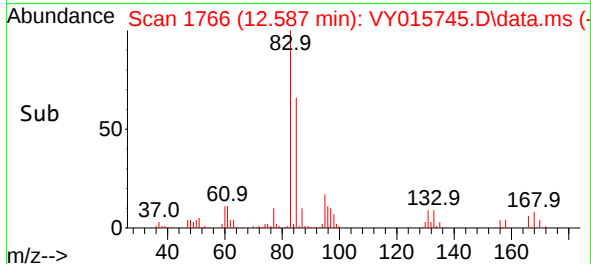
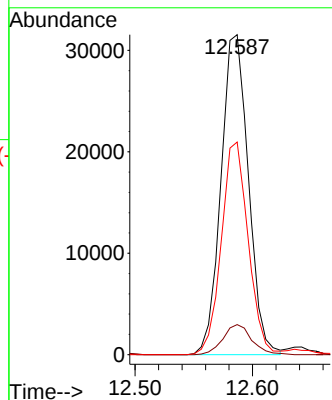
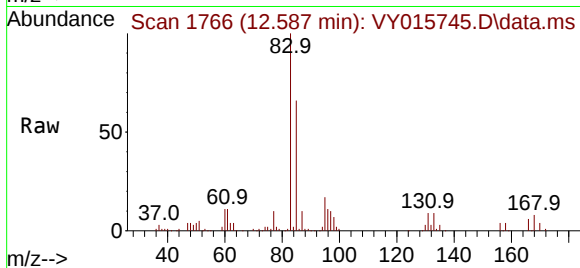
#75
1,1,2,2-Tetrachloroethane
Concen: 21.215 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01

Tgt Ion: 83 Resp: 51124
Ion Ratio Lower Upper
83 100
131 9.9 5.4 16.2
85 65.1 31.8 95.4

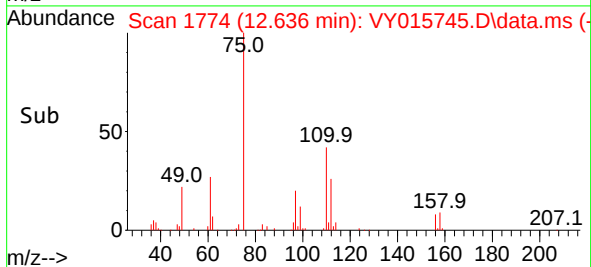
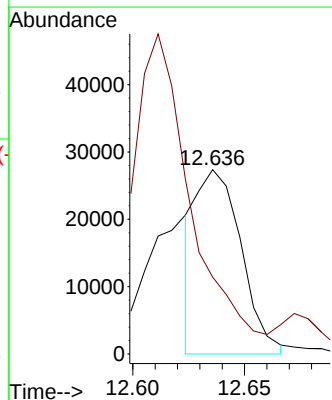
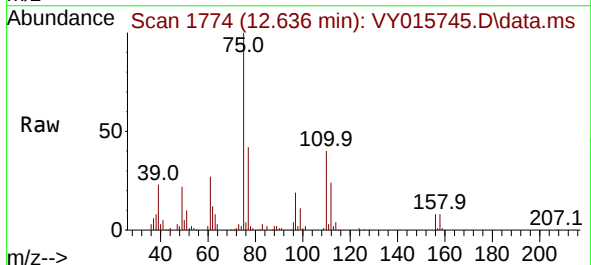
Manual Integrations
APPROVED

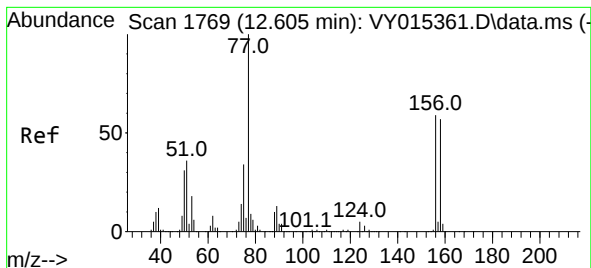
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#76
1,2,3-Trichloropropane
Concen: 20.829 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion: 75 Resp: 38355
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.325 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0928SBS01

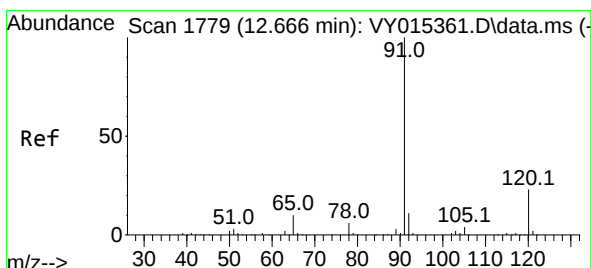
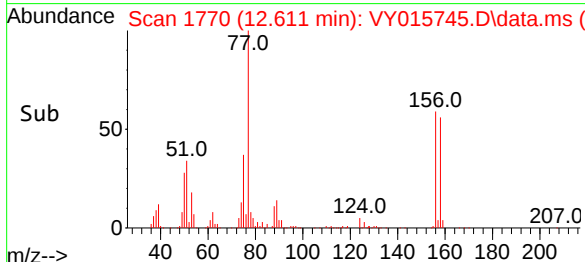
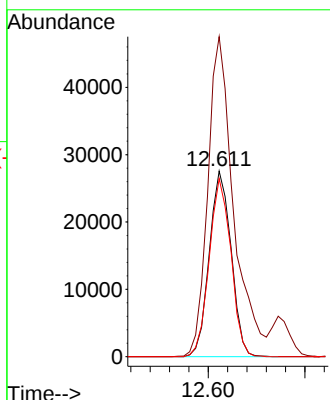
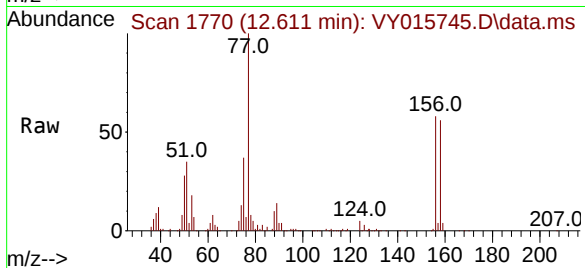
Tgt Ion:	156	Resp:	43199
Ion Ratio	Lower	Upper	
156	100		
77	204.1	92.8	278.6
158	95.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#78

n-propylbenzene

Concen: 20.627 ug/l

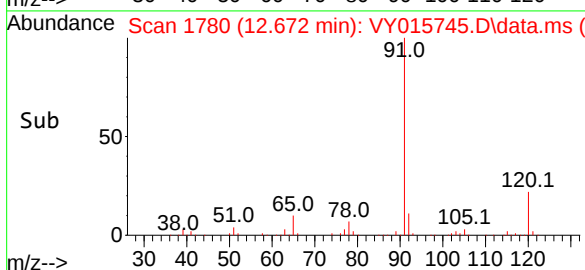
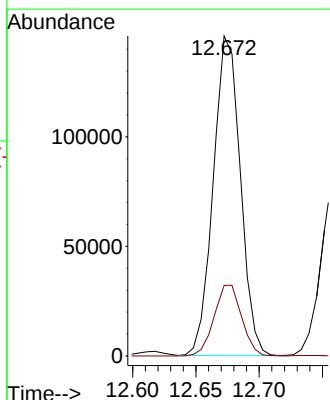
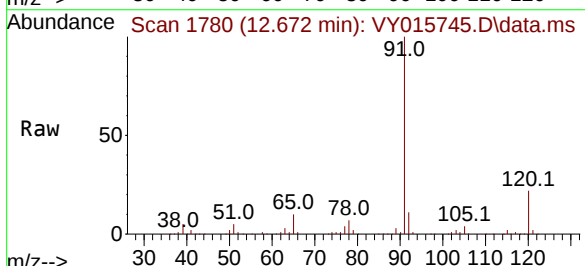
RT: 12.672 min Scan# 1780

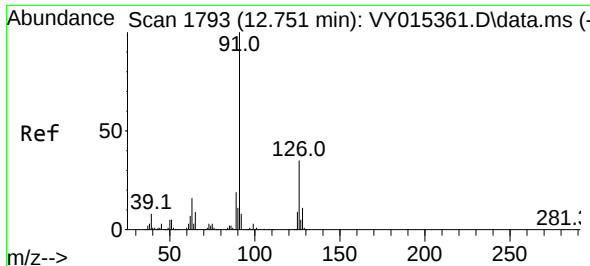
Delta R.T. 0.006 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

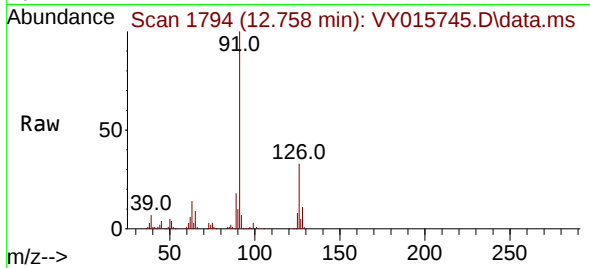
Tgt Ion:	91	Resp:	216979
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.5	34.4





#79
2-Chlorotoluene
Concen: 20.602 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.007 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

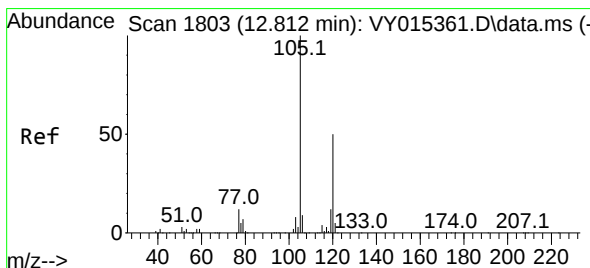
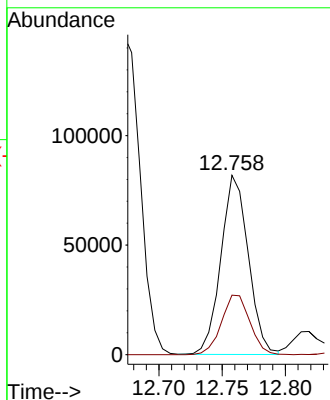
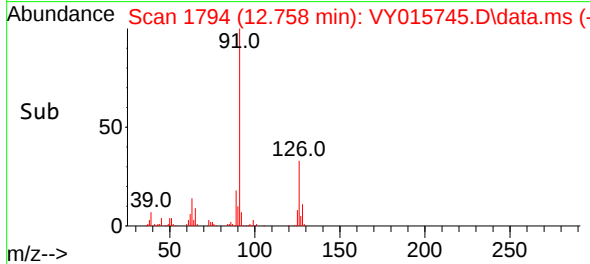
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBSD01



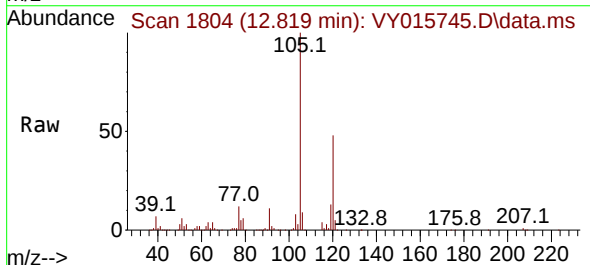
Tgt Ion: 91 Resp: 123532
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.7

Manual Integrations
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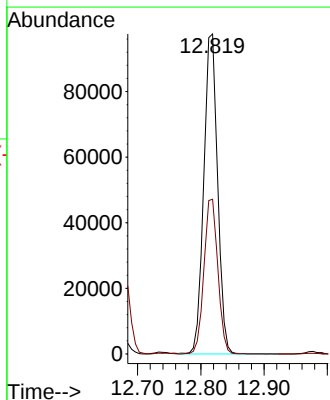
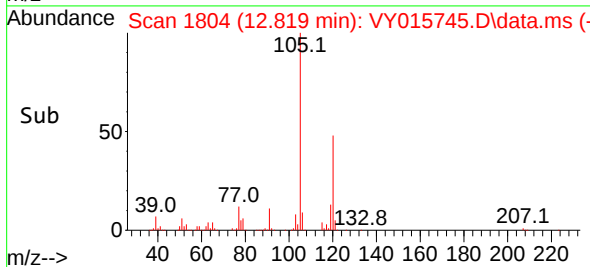
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

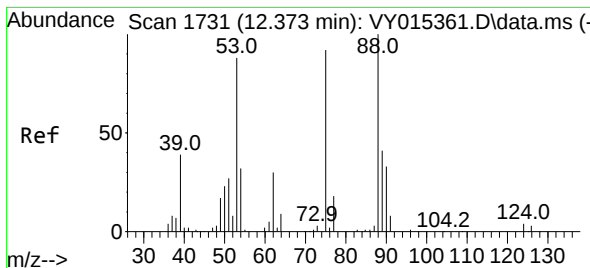


#80
1,3,5-Trimethylbenzene
Concen: 20.564 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54



Tgt Ion:105 Resp: 149063
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.7





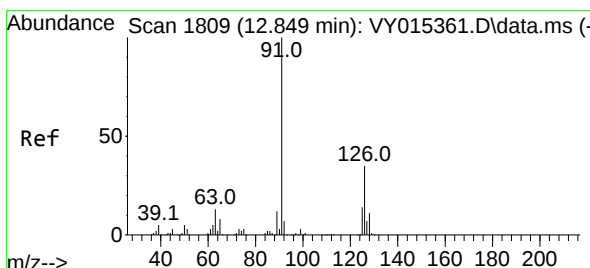
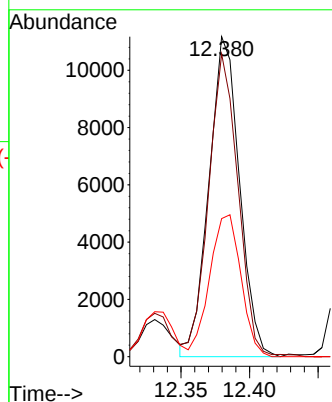
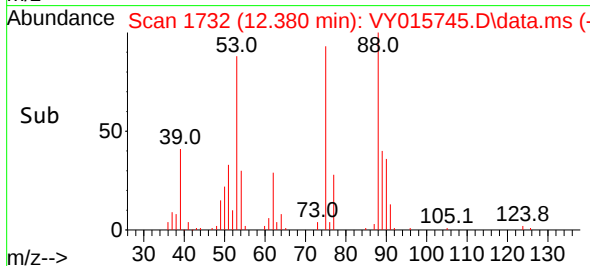
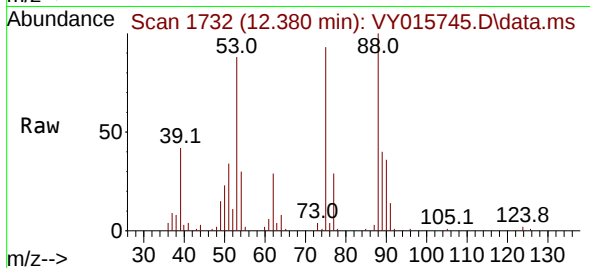
#81
trans-1,4-Dichloro-2-butene
Concen: 21.192 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBSD01

Tgt Ion: 75 Resp: 17329
Ion Ratio Lower Upper
75 100
53 91.4 77.8 116.8
89 45.4 37.4 56.0

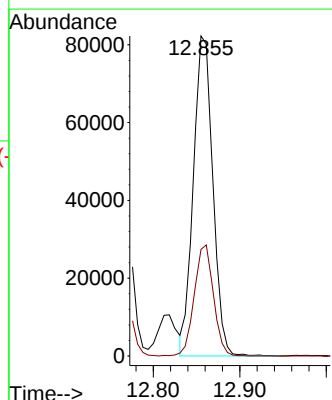
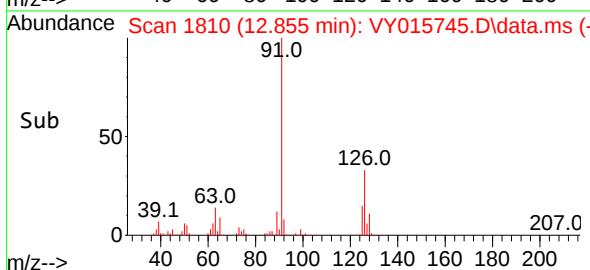
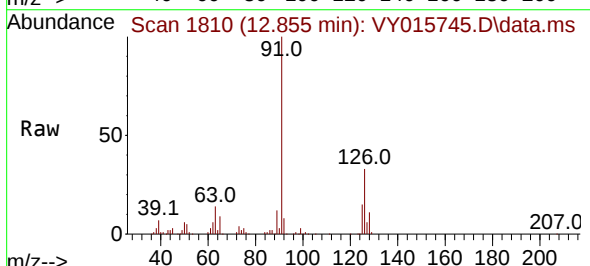
Manual Integrations
APPROVED

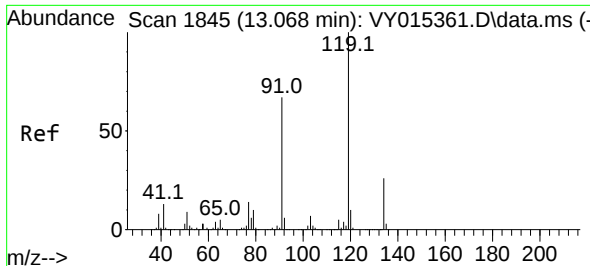
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#82
4-Chlorotoluene
Concen: 20.532 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

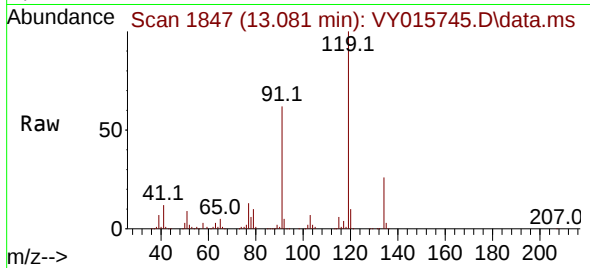
Tgt Ion: 91 Resp: 128518
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.752 ug/l
RT: 13.081 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

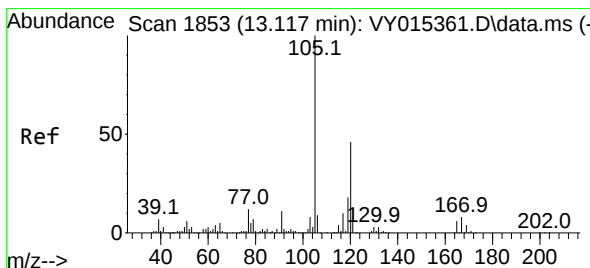
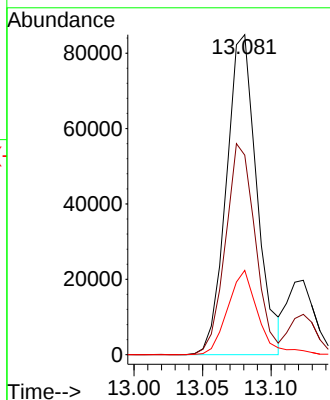
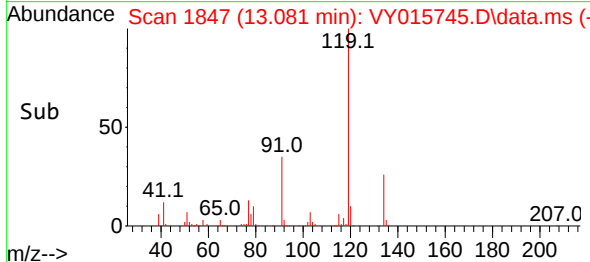
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



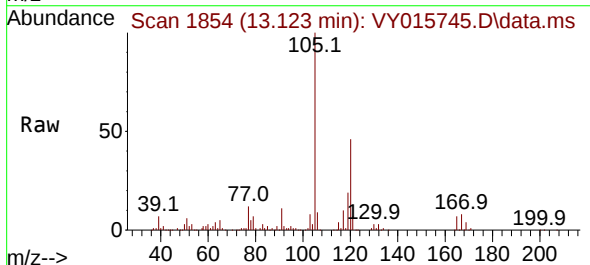
Tgt Ion:119 Resp: 131750
Ion Ratio Lower Upper
119 100
91 64.4 32.9 98.6
134 26.4 13.0 38.9

Manual Integrations
APPROVED

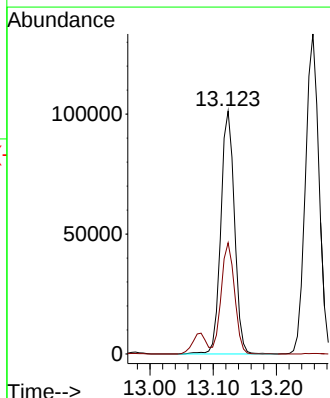
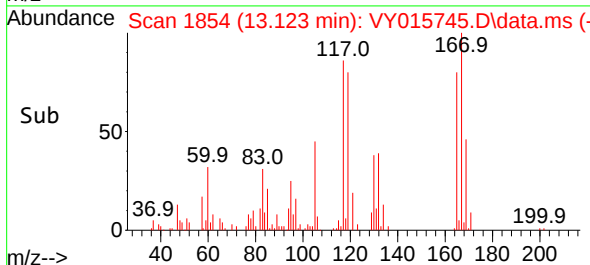
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

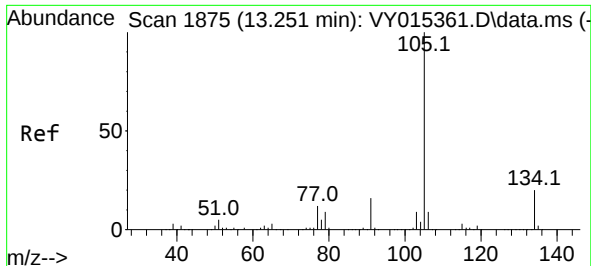


#84
1,2,4-Trimethylbenzene
Concen: 20.797 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54



Tgt Ion:105 Resp: 150839
Ion Ratio Lower Upper
105 100
120 45.3 22.2 66.6





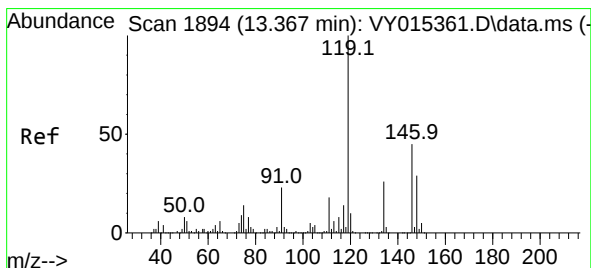
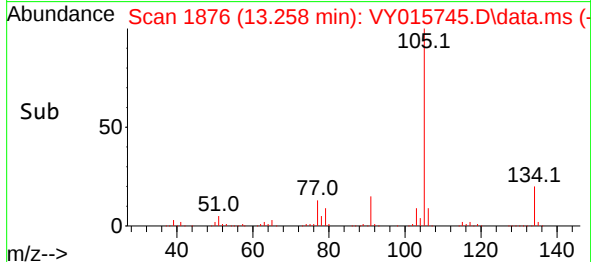
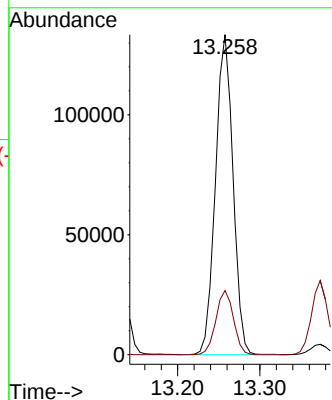
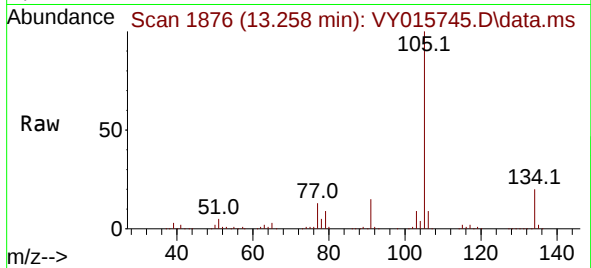
#85
 sec-Butylbenzene
 Concen: 20.807 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.007 min
 Lab File: VY015745.D
 Acq: 28 Sep 2023 14:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0928SBSD01

Tgt Ion:105 Resp: 197680
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6

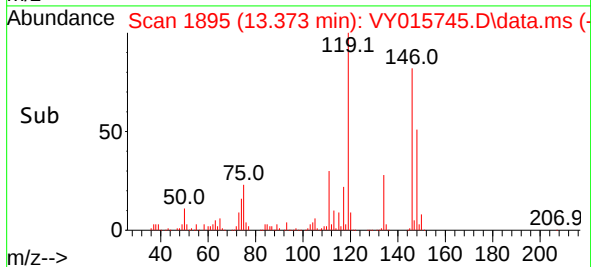
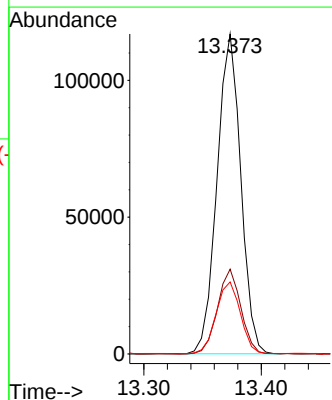
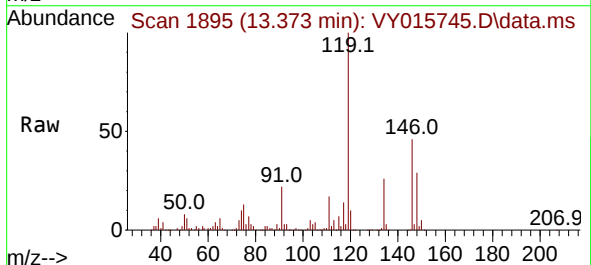
Manual Integrations
 APPROVED

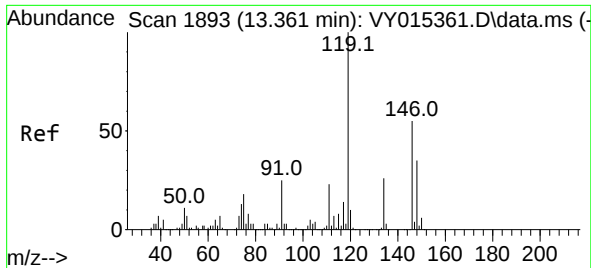
Reviewed By :John Carlone 09/29/2023
 Supervised By :Mahesh Dadoda 09/29/2023



#86
 p-Isopropyltoluene
 Concen: 20.691 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY015745.D
 Acq: 28 Sep 2023 14:54

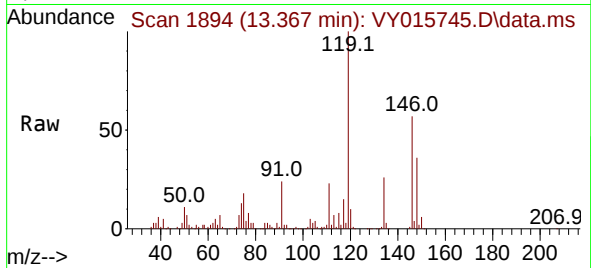
Tgt Ion:119 Resp: 164211
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 22.9 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 20.719 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

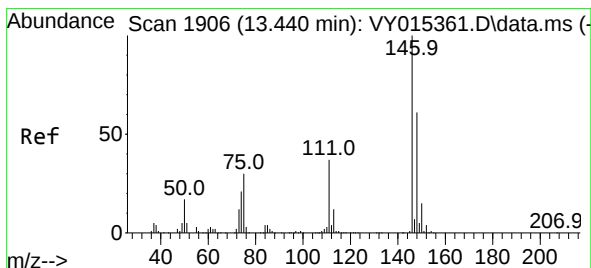
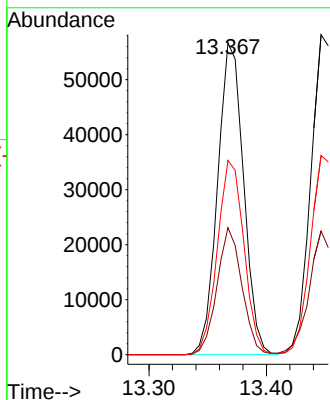
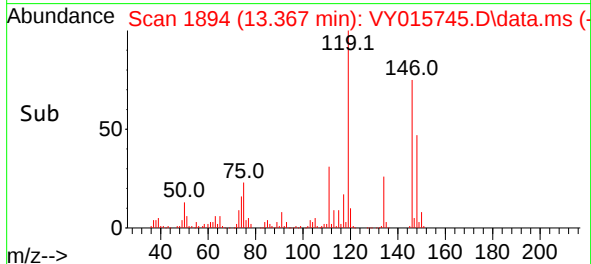
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



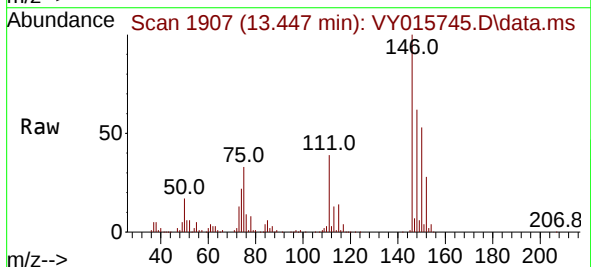
Tgt Ion:146 Resp: 8736
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 63.5 31.9 95.5

Manual Integrations
APPROVED

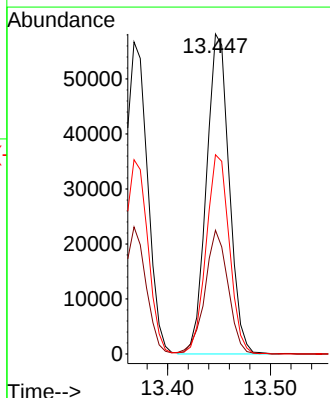
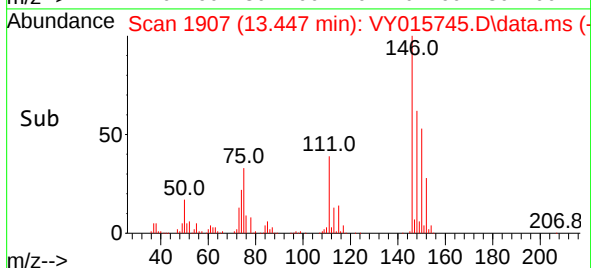
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023

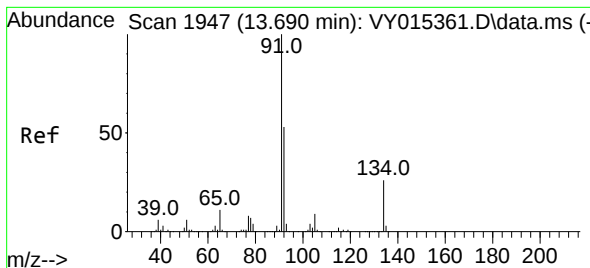


#88
1,4-Dichlorobenzene
Concen: 21.207 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54



Tgt Ion:146 Resp: 89433
Ion Ratio Lower Upper
146 100
111 39.3 18.9 56.7
148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 20.753 ug/l

RT: 13.697 min Scan# 1947

Delta R.T. 0.001 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0928SBS01

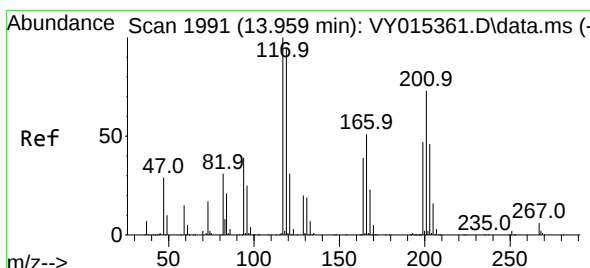
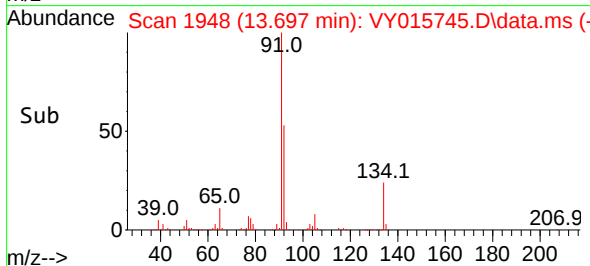
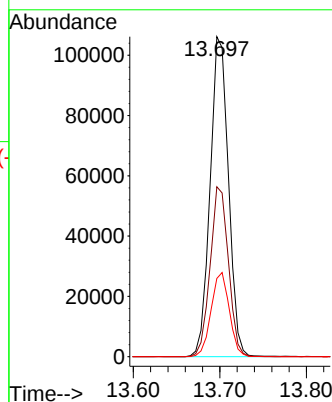
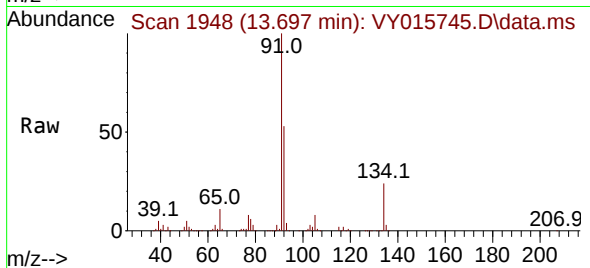
Tgt Ion:	91	Resp:	15596
Ion Ratio	Lower	Upper	
91	100		
92	53.0	25.4	76.0
134	26.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#90

Hexachloroethane

Concen: 20.794 ug/l

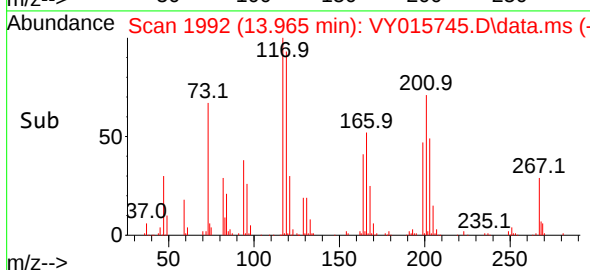
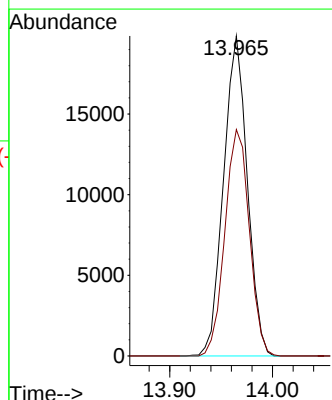
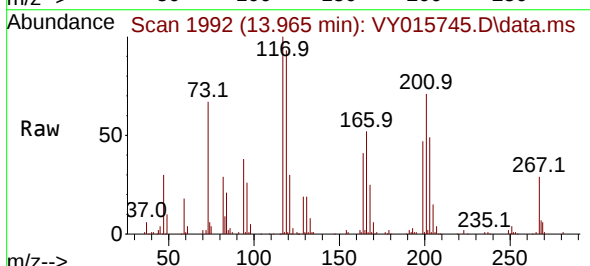
RT: 13.965 min Scan# 1992

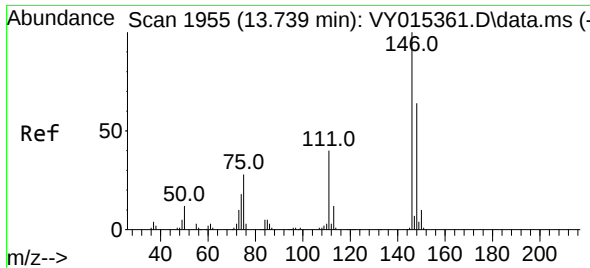
Delta R.T. 0.006 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Tgt Ion:	117	Resp:	31851
Ion Ratio	Lower	Upper	
117	100		
201	72.8	41.6	124.8





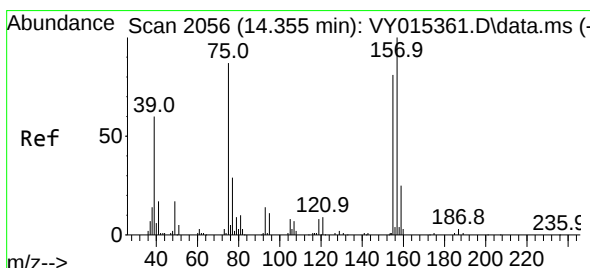
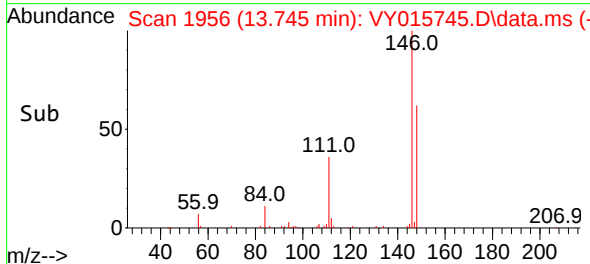
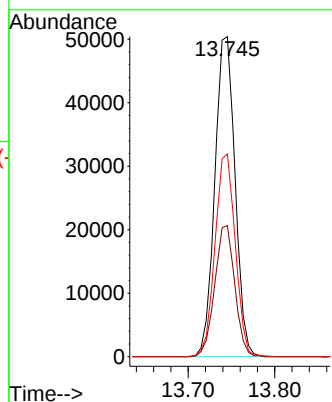
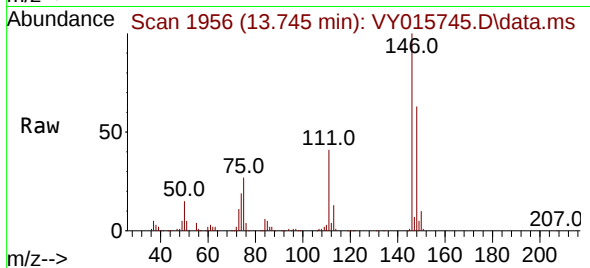
#91
1,2-Dichlorobenzene
Concen: 21.029 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01

Tgt Ion:146 Resp: 8185
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 63.3 32.0 96.2

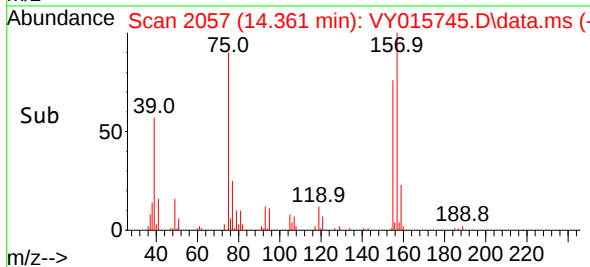
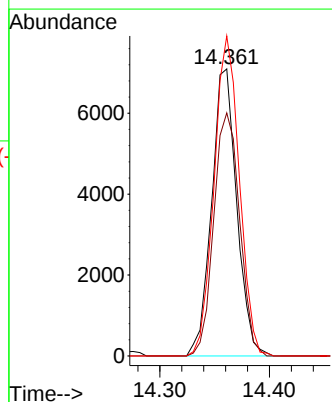
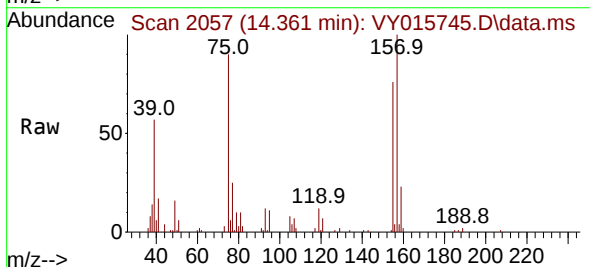
Manual Integrations
APPROVED

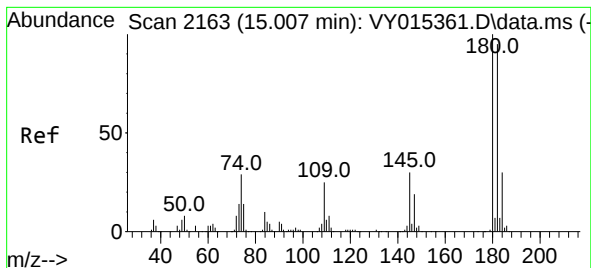
Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.644 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion: 75 Resp: 11316
Ion Ratio Lower Upper
75 100
155 87.0 41.5 124.6
157 112.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.389 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

VY0928SBS01

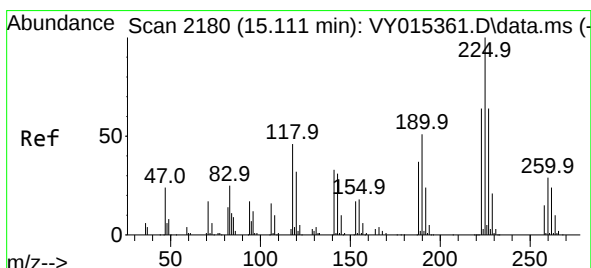
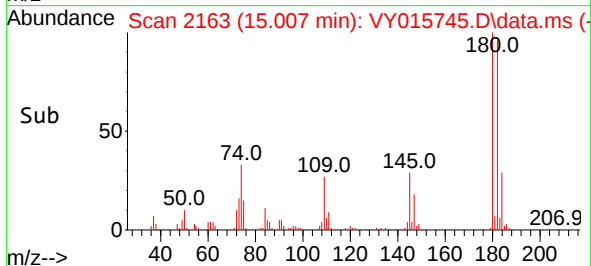
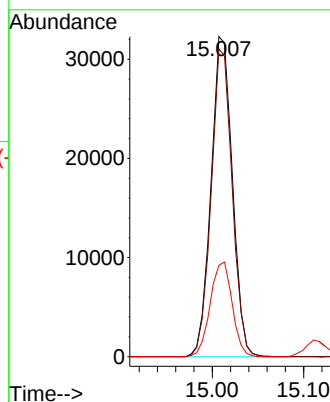
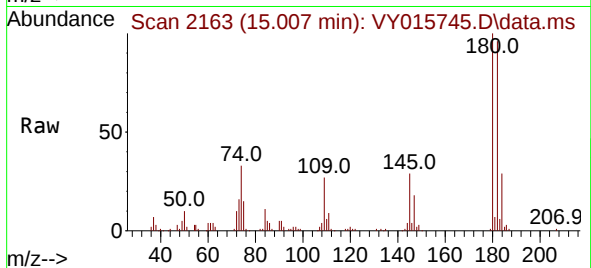
Tgt Ion:180	Resp:	5241
Ion Ratio	Lower	Upper
180	100	
182	94.2	47.0 141.2
145	30.3	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/29/2023

Supervised By :Mahesh Dadoda 09/29/2023



#94

Hexachlorobutadiene

Concen: 21.287 ug/l

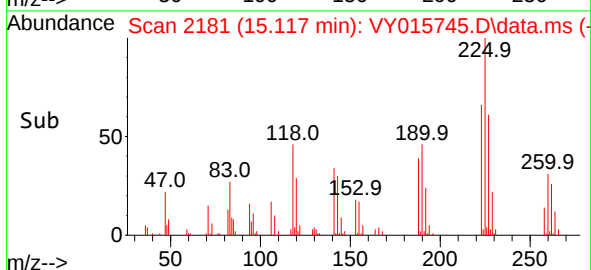
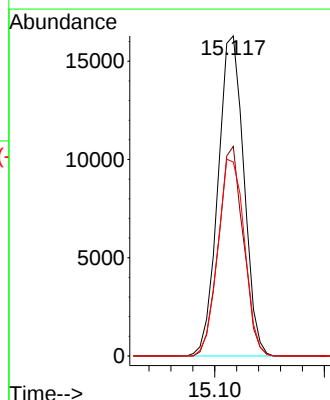
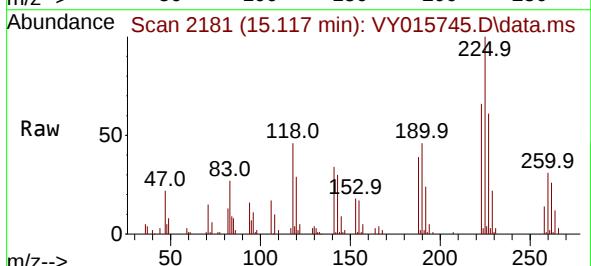
RT: 15.117 min Scan# 2181

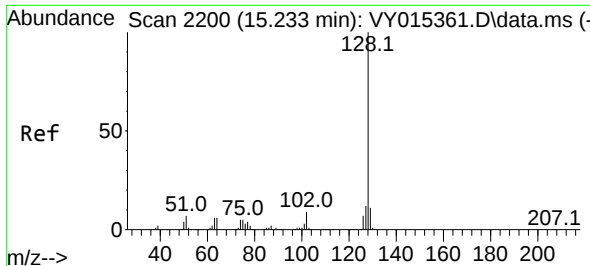
Delta R.T. 0.006 min

Lab File: VY015745.D

Acq: 28 Sep 2023 14:54

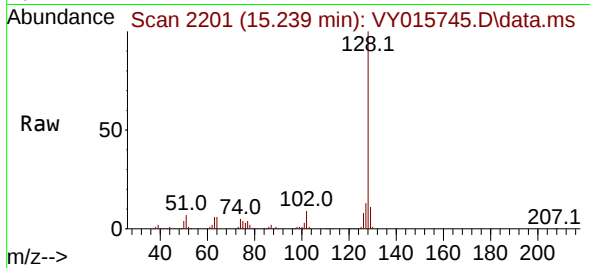
Tgt Ion:225	Resp:	26713
Ion Ratio	Lower	Upper
225	100	
223	62.9	31.9 95.9
227	63.3	33.0 98.9





#95
Naphthalene
Concen: 22.197 ug/l
RT: 15.239 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

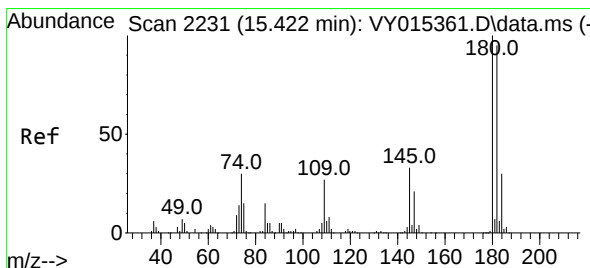
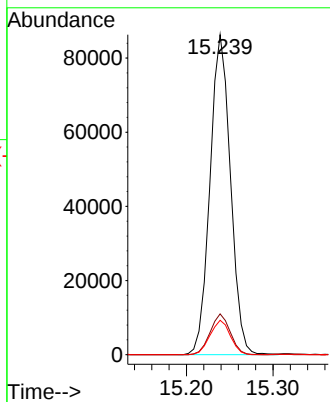
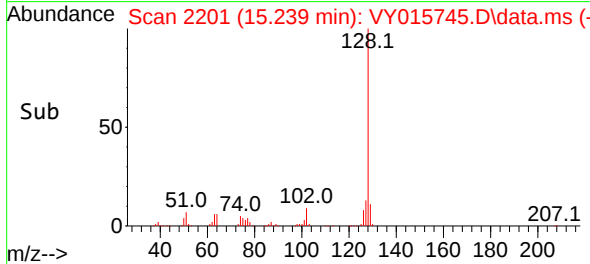
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBS01



Tgt Ion:128 Resp: 141830
Ion Ratio Lower Upper
128 100
127 12.5 10.8 16.2
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2023
Supervised By :Mahesh Dadoda 09/29/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.529 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY015745.D
Acq: 28 Sep 2023 14:54

Tgt Ion:180 Resp: 48692
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.8
145 31.7 15.4 46.2

