

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103023\
 Data File : VY016125.D
 Acq On : 30 Oct 2023 11:28
 Operator : SY/MD
 Sample : VY1030SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/31/2023
 Supervised By : Mahesh Dadoda 10/31/2023

Quant Time: Oct 31 01:27:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	212391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	343309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	307975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	110765	52.447	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.900%			
35) Dibromofluoromethane	7.716	113	110795	51.121	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.240%			
50) Toluene-d8	10.179	98	408154	50.841	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.680%			
62) 4-Bromofluorobenzene	12.483	95	142356	51.694	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	26581	18.134	ug/l	94
3) Chloromethane	2.113	50	32765	18.242	ug/l	96
4) Vinyl Chloride	2.247	62	37998	18.518	ug/l	95
5) Bromomethane	2.638	94	28895	18.945	ug/l	98
6) Chloroethane	2.784	64	26466	18.830	ug/l	98
7) Trichlorofluoromethane	3.119	101	61616	18.764	ug/l	99
8) Diethyl Ether	3.528	74	21664	19.684	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.900	101	36637	18.495	ug/l	97
10) Methyl Iodide	4.089	142	46761	18.474	ug/l	96
11) Tert butyl alcohol	4.948	59	30276	113.450	ug/l	98
12) 1,1-Dichloroethene	3.869	96	33863	18.658	ug/l	90
13) Acrolein	3.723	56	24667	93.776	ug/l	98
14) Allyl chloride	4.479	41	54032	19.045	ug/l	94
15) Acrylonitrile	5.162	53	55105	102.061	ug/l	97
16) Acetone	3.942	43	54746	95.637	ug/l	92
17) Carbon Disulfide	4.192	76	87945	17.518	ug/l	96
18) Methyl Acetate	4.479	43	40472	19.997	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	105956	20.472	ug/l	99
20) Methylene Chloride	4.716	84	47967	17.762	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	39003	18.539	ug/l	94
22) Diisopropyl ether	6.119	45	120713	19.458	ug/l	90
23) Vinyl Acetate	6.058	43	331717	99.799	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	73411	19.642	ug/l	98
25) 2-Butanone	6.984	43	77964	100.913	ug/l	91
26) 2,2-Dichloropropane	6.978	77	68416	19.691	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	47358	19.168	ug/l	96
28) Bromochloromethane	7.332	49	30419	19.894	ug/l	87
29) Tetrahydrofuran	7.350	42	45804	103.330	ug/l	90
30) Chloroform	7.509	83	77835	19.714	ug/l	100
31) Cyclohexane	7.783	56	61573	18.532	ug/l	86
32) 1,1,1-Trichloroethane	7.704	97	69457	19.613	ug/l	97
36) 1,1-Dichloropropene	7.917	75	57726	19.108	ug/l	99
37) Ethyl Acetate	7.070	43	32981	21.299	ug/l	96
38) Carbon Tetrachloride	7.899	117	62008	19.409	ug/l	98
39) Methylcyclohexane	9.185	83	68531	18.621	ug/l	91
40) Benzene	8.161	78	164250	19.203	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	16036m	19.788	ug/l	
42) 1,2-Dichloroethane	8.240	62	51013	20.641	ug/l	95
43) Isopropyl Acetate	8.271	43	59514	20.556	ug/l	93
44) Trichloroethene	8.941	130	46545	19.488	ug/l	97
45) 1,2-Dichloropropane	9.222	63	42522	19.643	ug/l	98
46) Dibromomethane	9.307	93	26041	20.516	ug/l	97
47) Bromodichloromethane	9.496	83	60703	19.774	ug/l	98
48) Methyl methacrylate	9.295	41	27641	20.723	ug/l	89
49) 1,4-Dioxane	9.301	88	7068	445.068	ug/l #	60
51) 4-Methyl-2-Pentanone	10.069	43	160096	104.794	ug/l	92
52) Toluene	10.246	92	106708	19.428	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	62735	19.985	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	71347	20.098	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	36753	20.379	ug/l	95
56) Ethyl methacrylate	10.514	69	48420	20.891	ug/l #	85
57) 1,3-Dichloropropane	10.789	76	60455	20.053	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	124011	107.477	ug/l	93
59) 2-Hexanone	10.831	43	117701	104.589	ug/l	89
60) Dibromochloromethane	10.984	129	43944	19.898	ug/l	98
61) 1,2-Dibromoethane	11.087	107	34805	20.154	ug/l	99
64) Tetrachloroethene	10.721	164	38712	18.995	ug/l	96
65) Chlorobenzene	11.520	112	119362	19.722	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	45096	19.952	ug/l	98
67) Ethyl Benzene	11.593	91	208991	19.441	ug/l	99
68) m/p-Xylenes	11.703	106	162385	39.034	ug/l	94
69) o-Xylene	12.032	106	77687	19.506	ug/l	97
70) Styrene	12.044	104	130939	19.723	ug/l	97
71) Bromoform	12.209	173	27982	20.324	ug/l #	99
73) Isopropylbenzene	12.331	105	208593	19.450	ug/l	100
74) N-amyl acetate	12.142	43	52714	20.158	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	43641	19.906	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	34496m	22.172	ug/l	
77) Bromobenzene	12.611	156	49188	19.652	ug/l	97
78) n-propylbenzene	12.672	91	252038	19.409	ug/l	100
79) 2-Chlorotoluene	12.758	91	141353	19.436	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	172691	19.394	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	15005	20.958	ug/l	91
82) 4-Chlorotoluene	12.855	91	146196	19.384	ug/l	98
83) tert-Butylbenzene	13.075	119	151651	19.160	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	171384	19.489	ug/l	98
85) sec-Butylbenzene	13.258	105	229143	19.438	ug/l	99
86) p-Isopropyltoluene	13.373	119	192246	19.544	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	97080	19.208	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	98628	19.745	ug/l	99
89) n-Butylbenzene	13.697	91	177272	19.319	ug/l	97
90) Hexachloroethane	13.965	117	36215	18.910	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	89220	19.938	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7190	20.890	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	55484	20.042	ug/l	99
94) Hexachlorobutadiene	15.117	225	31577	19.652	ug/l	97
95) Naphthalene	15.239	128	116328	21.546	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	47424	19.864	ug/l	97

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Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

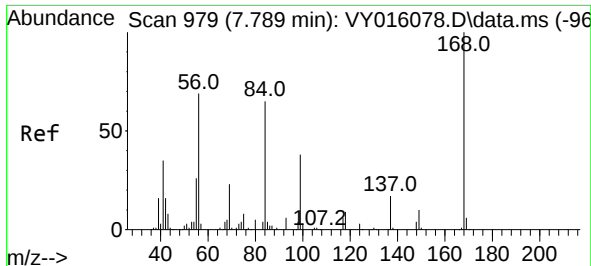
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 10/31/2023

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Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 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



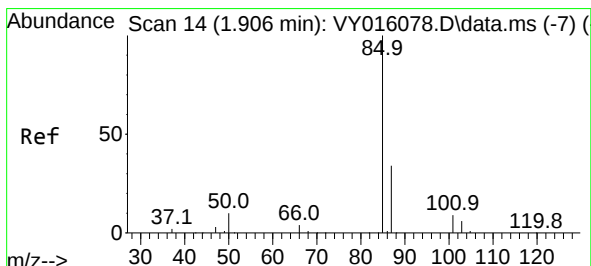
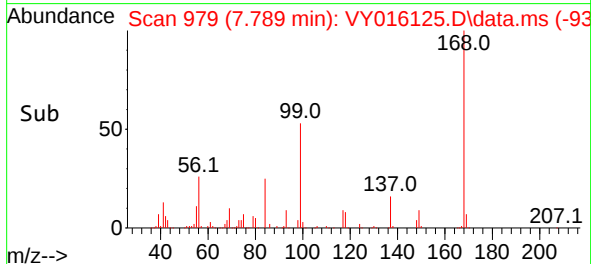
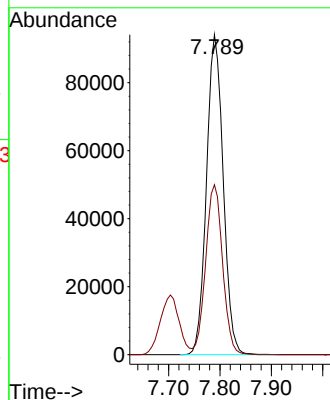
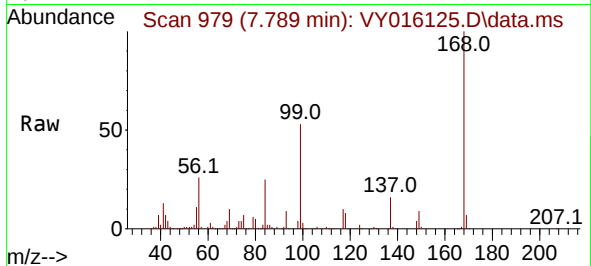
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
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VY1030SBS01

Tgt Ion:168 Resp: 21239
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0

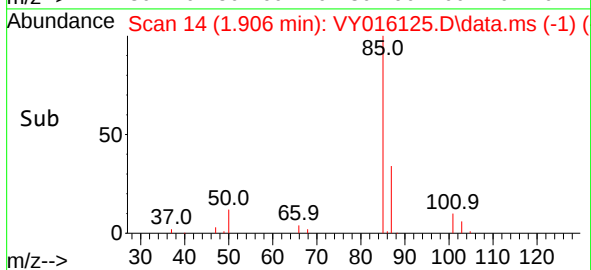
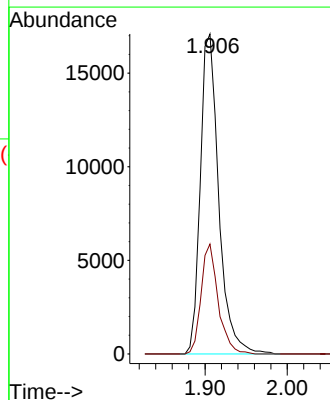
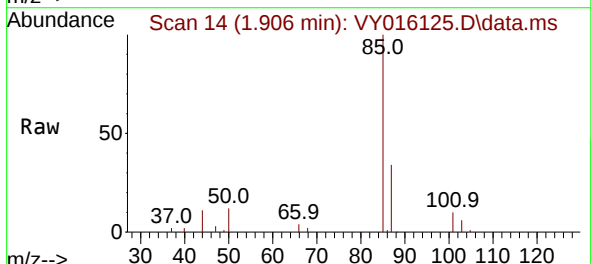
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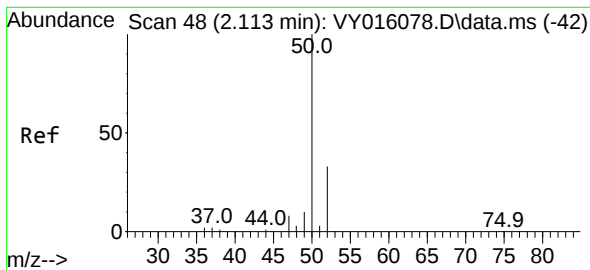
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#2
Dichlorodifluoromethane
Concen: 18.134 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion: 85 Resp: 26581
Ion Ratio Lower Upper
85 100
87 34.4 15.6 46.8





#3

Chloromethane

Concen: 18.242 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 50 Resp: 3276

Ion Ratio Lower Upper

50 100

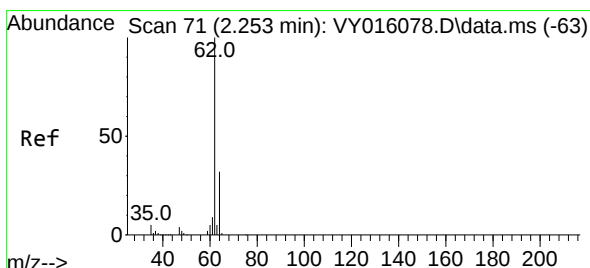
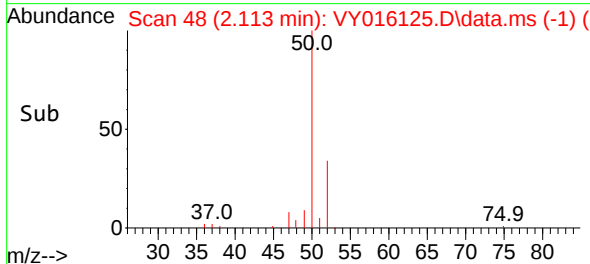
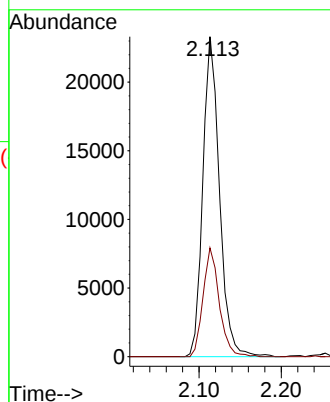
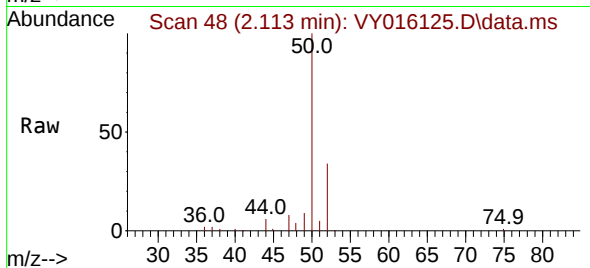
52 34.0 25.4 38.2

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 10/31/2023



#4

Vinyl Chloride

Concen: 18.518 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY016125.D

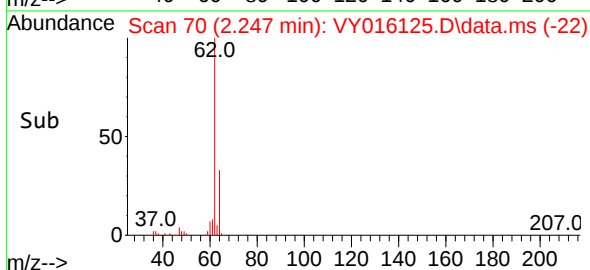
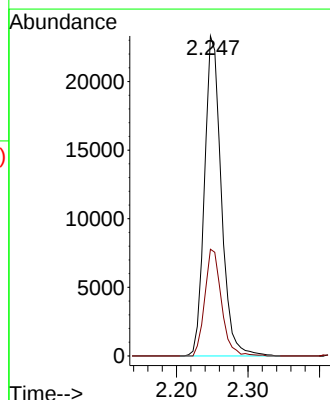
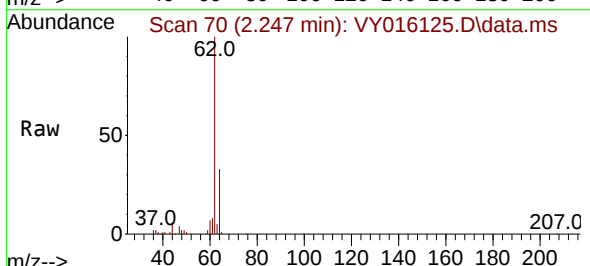
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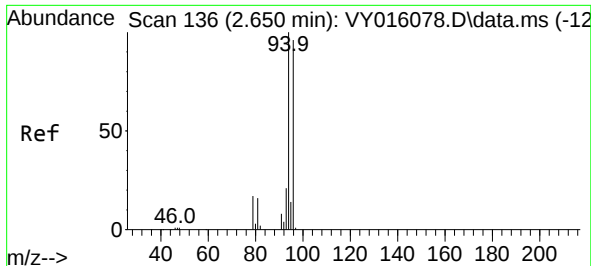
Tgt Ion: 62 Resp: 37998

Ion Ratio Lower Upper

62 100

64 33.3 24.3 36.5





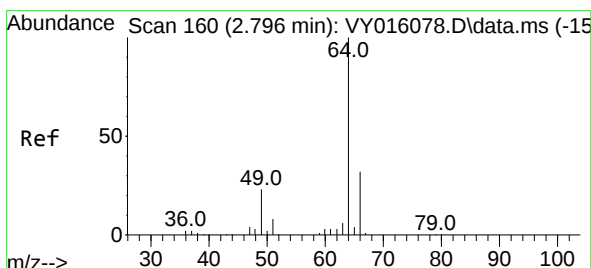
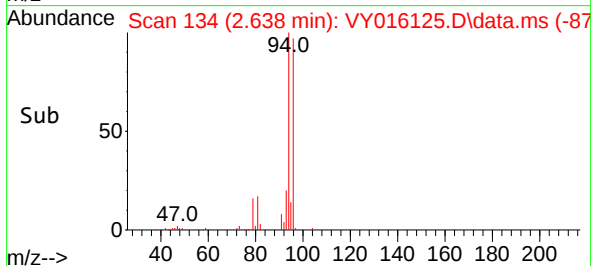
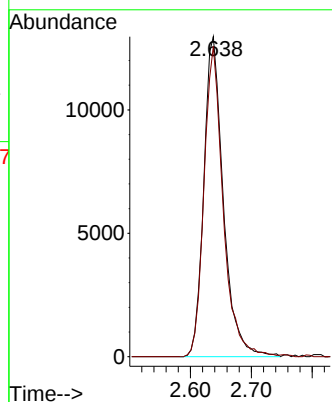
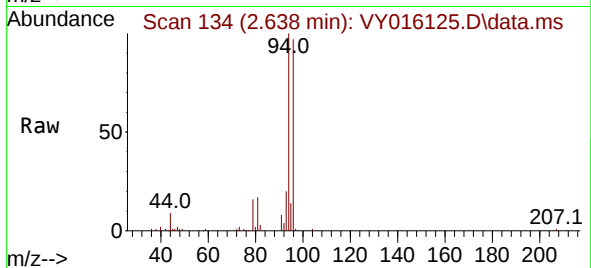
#5
Bromomethane
Concen: 18.945 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
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Tgt Ion: 94 Resp: 2889
Ion Ratio Lower Upper
94 100
96 96.9 75.8 113.6

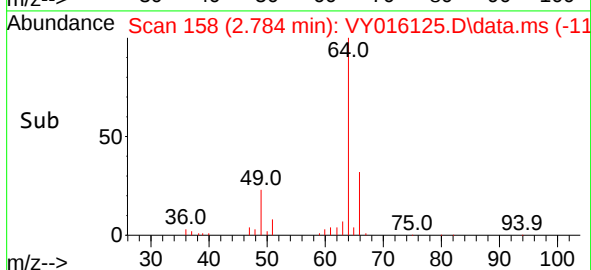
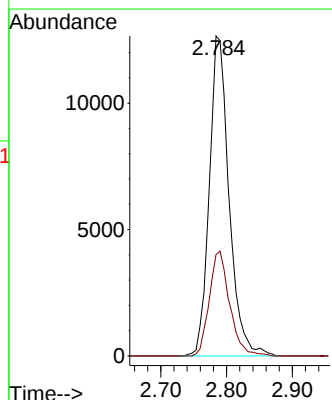
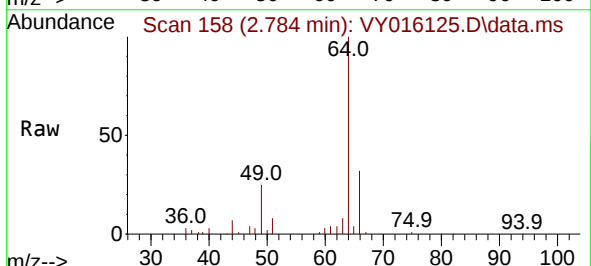
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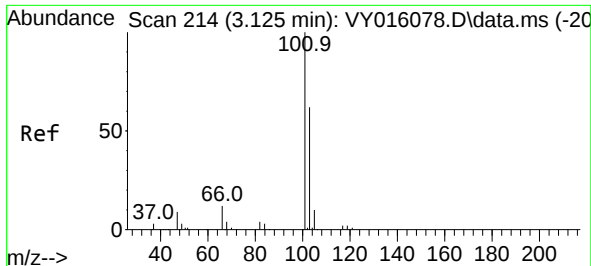
Reviewed By :John Carlone 10/31/2023
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#6
Chloroethane
Concen: 18.830 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion: 64 Resp: 26466
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6





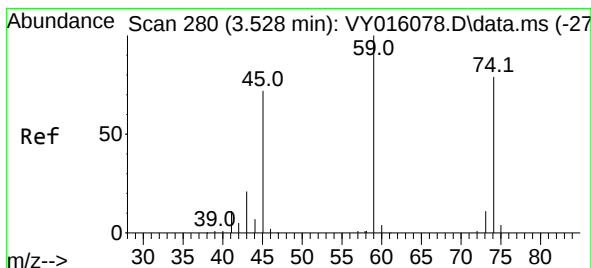
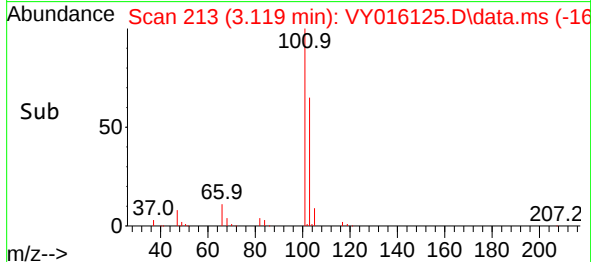
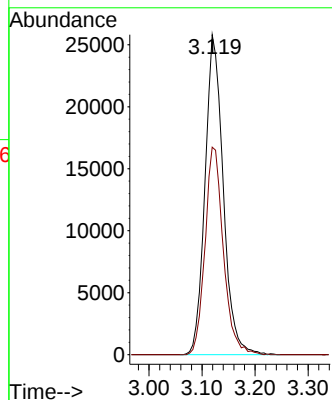
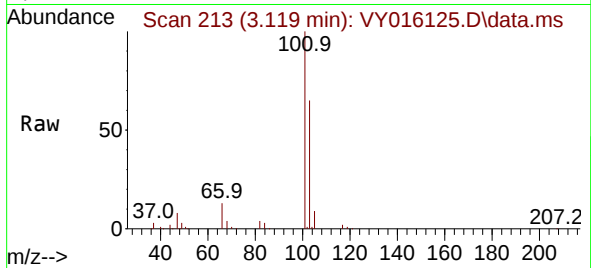
#7
Trichlorofluoromethane
Concen: 18.764 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion:101 Resp: 61610
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0

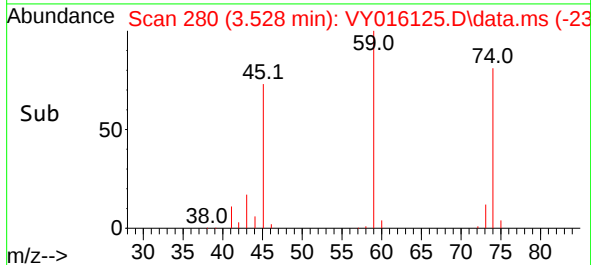
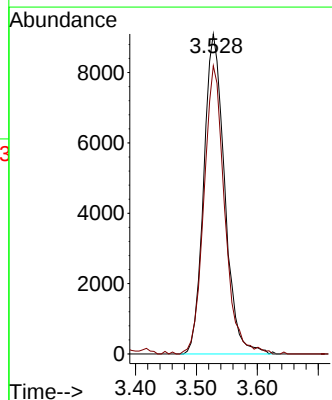
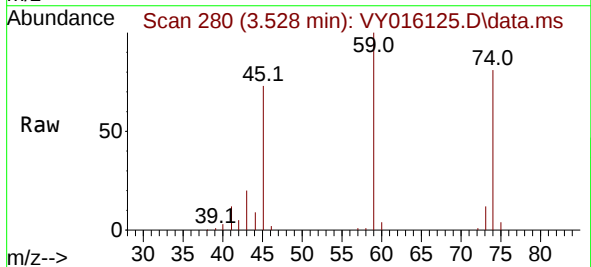
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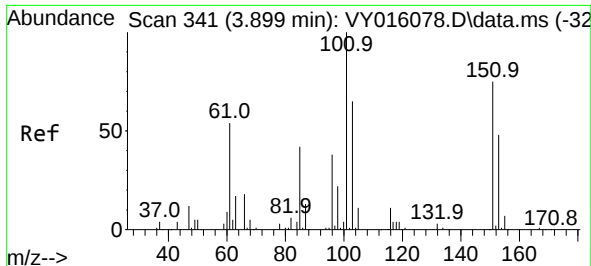
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#8
Diethyl Ether
Concen: 19.684 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 21664
Ion Ratio Lower Upper
74 100
45 89.4 51.5 154.5





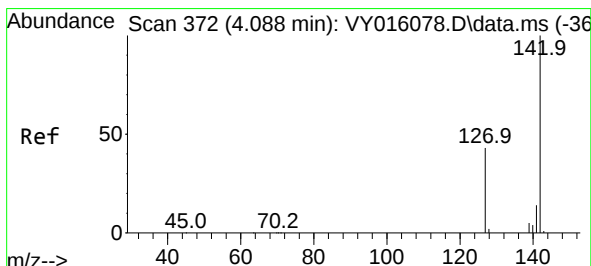
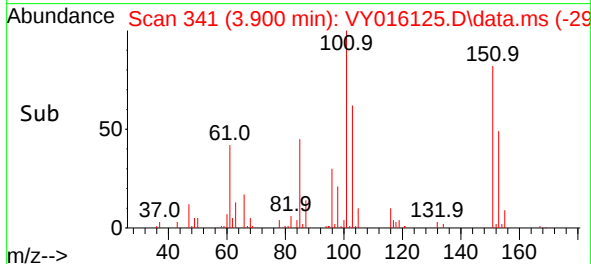
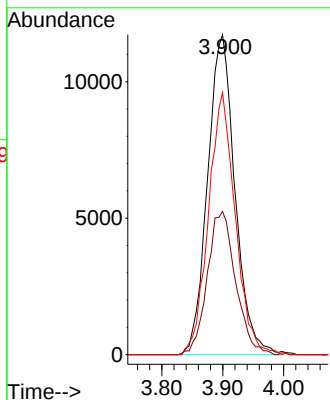
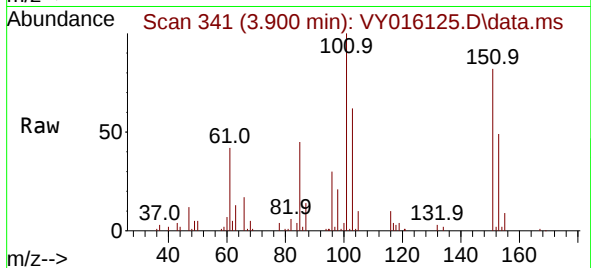
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.495 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion:101 Resp: 3663
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 80.1 67.0 100.6

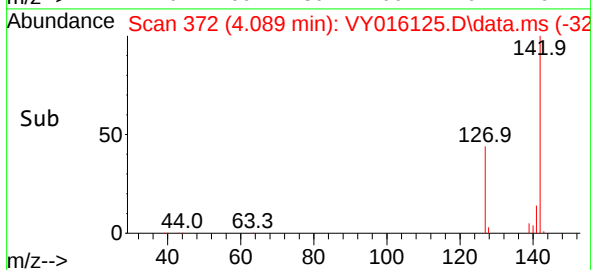
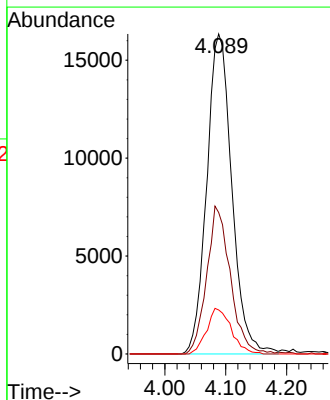
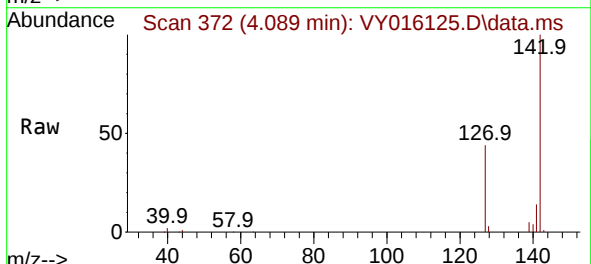
Manual Integrations
APPROVED

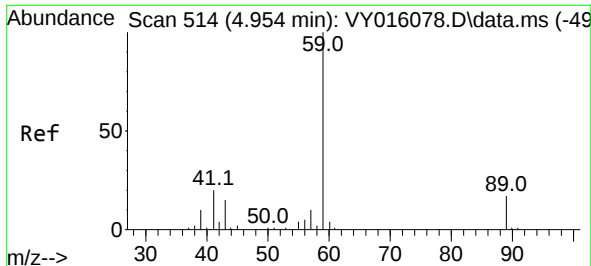
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#10
Methyl Iodide
Concen: 18.474 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion:142 Resp: 46761
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 13.9 11.8 17.8





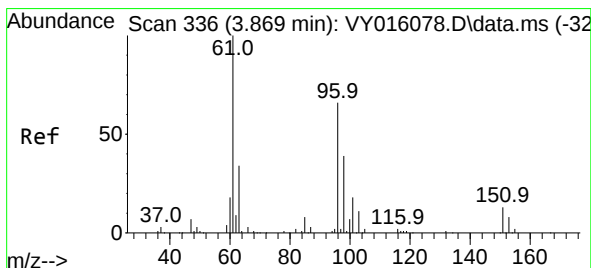
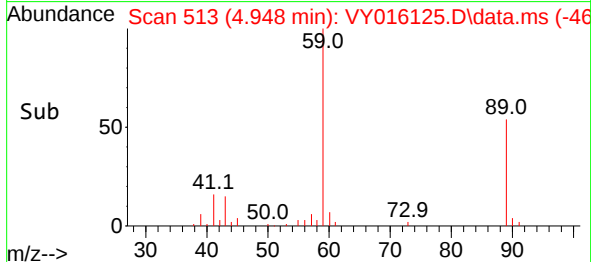
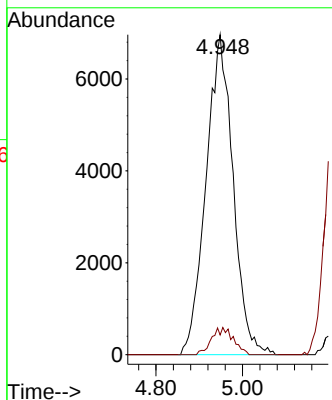
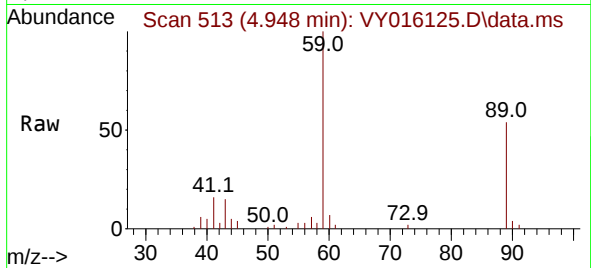
#11
Tert butyl alcohol
Concen: 113.450 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion: 59 Resp: 30270
Ion Ratio Lower Upper
59 100
57 3.0 3.0 4.4

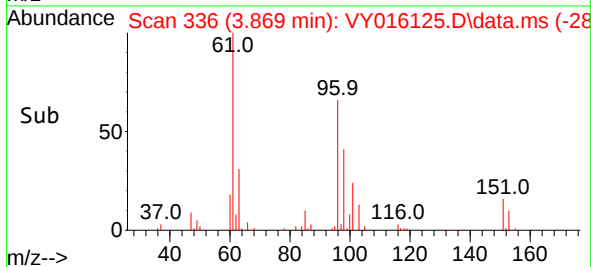
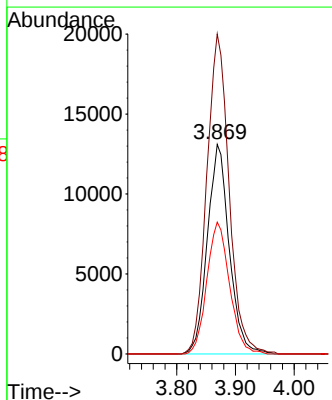
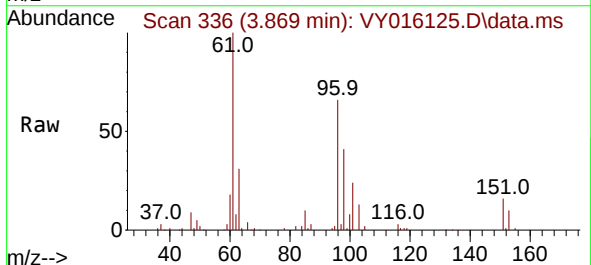
Manual Integrations
APPROVED

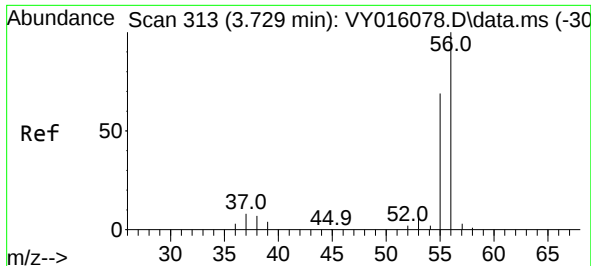
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#12
1,1-Dichloroethene
Concen: 18.658 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

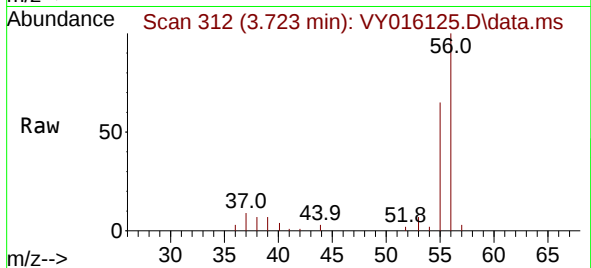
Tgt Ion: 96 Resp: 33863
Ion Ratio Lower Upper
96 100
61 152.6 136.4 204.6
98 62.9 49.4 74.2





#13
Acrolein
Concen: 93.776 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

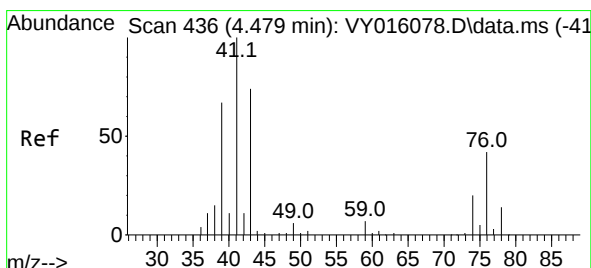
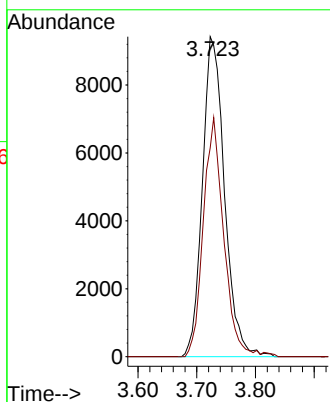
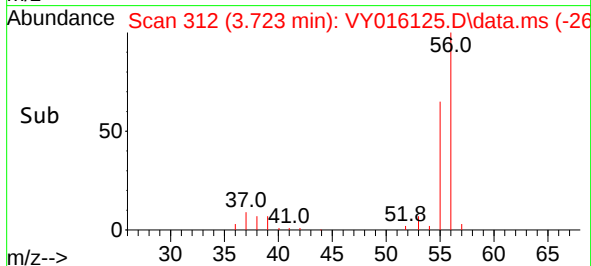
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01



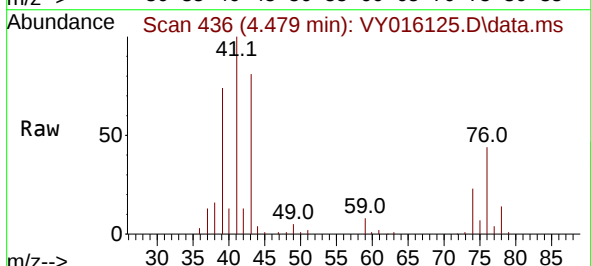
Tgt Ion: 56 Resp: 2466
Ion Ratio Lower Upper
56 100
55 69.2 57.0 85.4

Manual Integrations
APPROVED

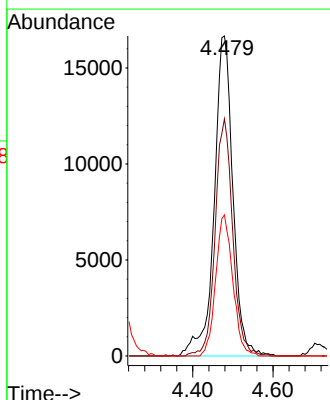
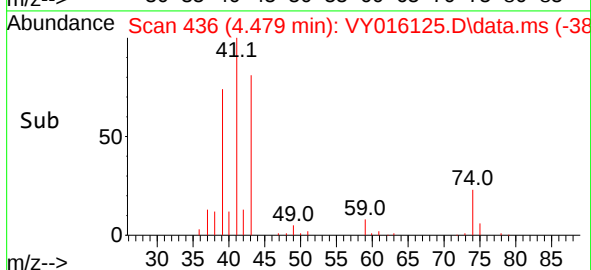
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

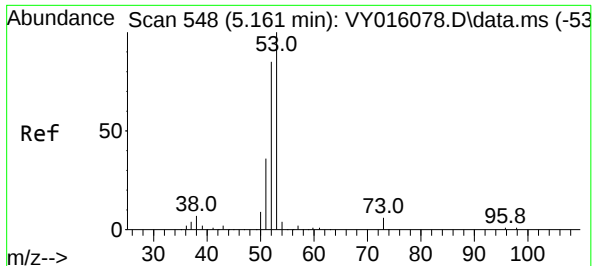


#14
Allyl chloride
Concen: 19.045 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28



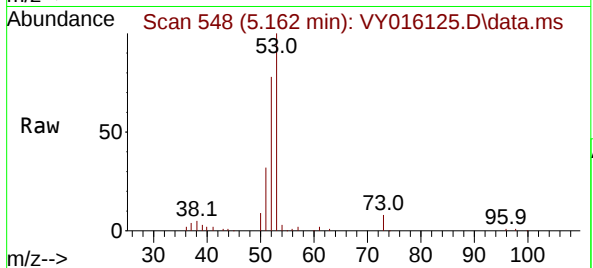
Tgt Ion: 41 Resp: 54032
Ion Ratio Lower Upper
41 100
39 69.3 58.0 87.0
76 40.2 27.4 41.2





#15
Acrylonitrile
Concen: 102.061 ug/l
RT: 5.162 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

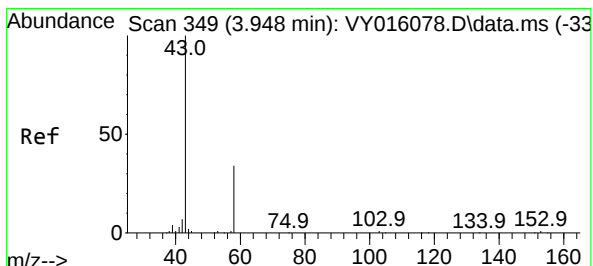
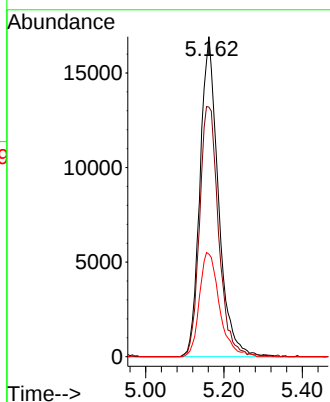
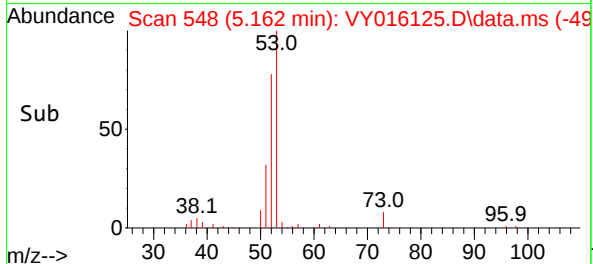
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01



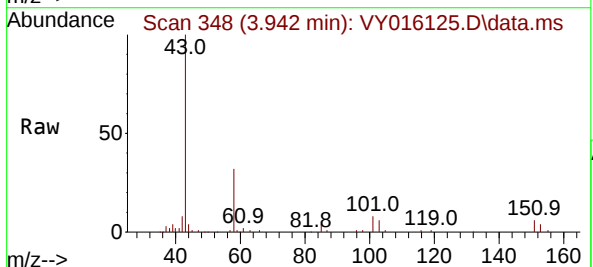
Tgt Ion: 53 Resp: 5510
Ion Ratio Lower Upper
53 100
52 80.9 66.9 100.3
51 35.5 29.8 44.6

Manual Integrations
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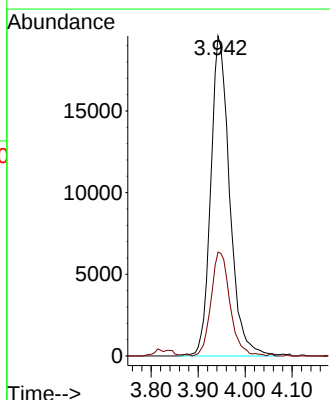
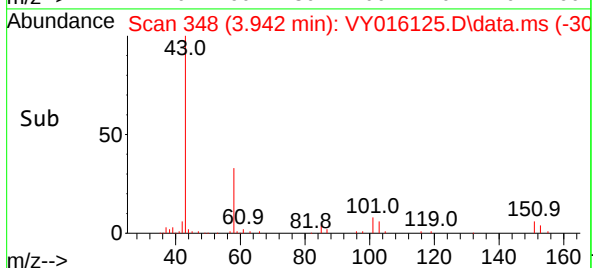
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

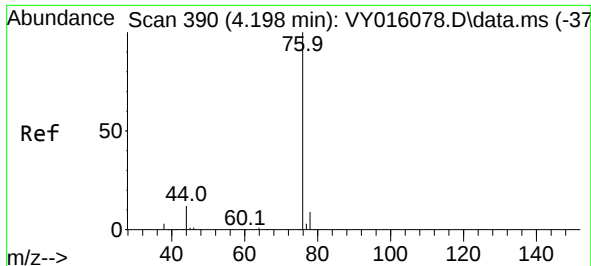


#16
Acetone
Concen: 95.637 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28



Tgt Ion: 43 Resp: 54746
Ion Ratio Lower Upper
43 100
58 32.4 22.7 34.1





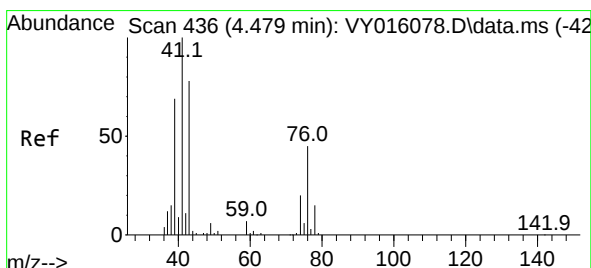
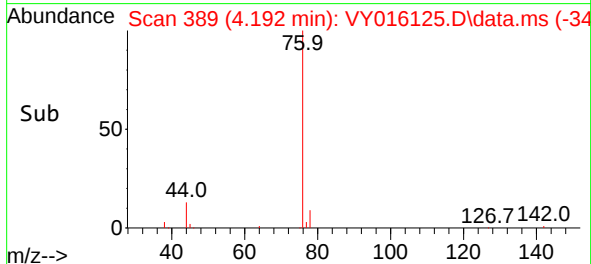
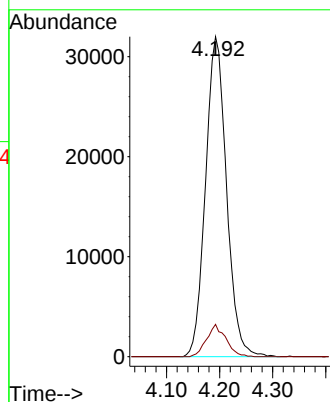
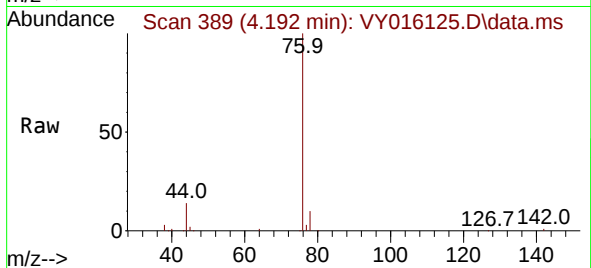
#17
Carbon Disulfide
Concen: 17.518 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion: 76 Resp: 8794
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.4

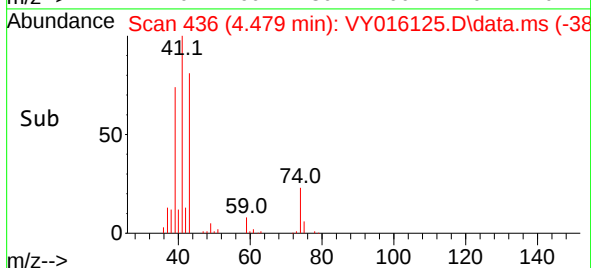
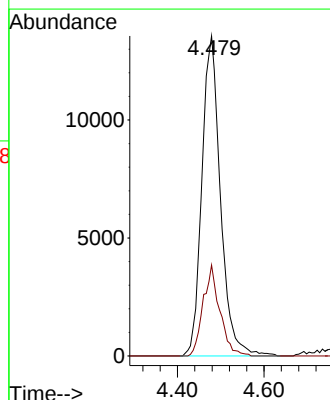
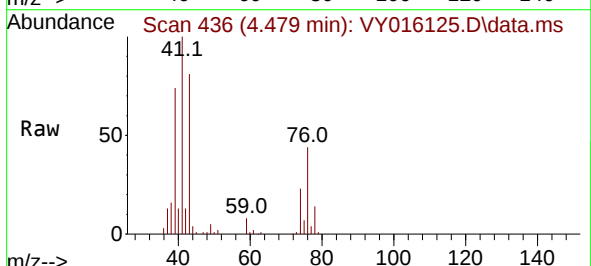
Manual Integrations
APPROVED

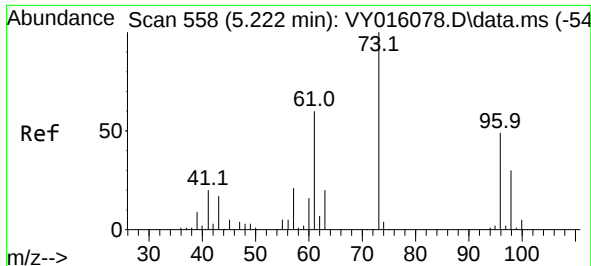
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#18
Methyl Acetate
Concen: 19.997 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

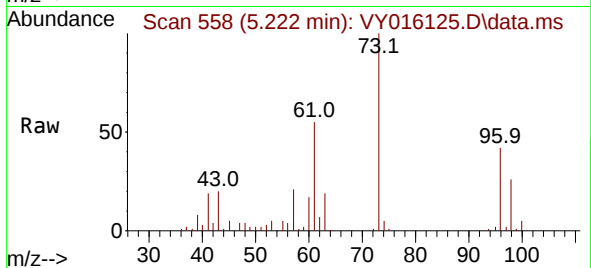
Tgt Ion: 43 Resp: 40472
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 20.472 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

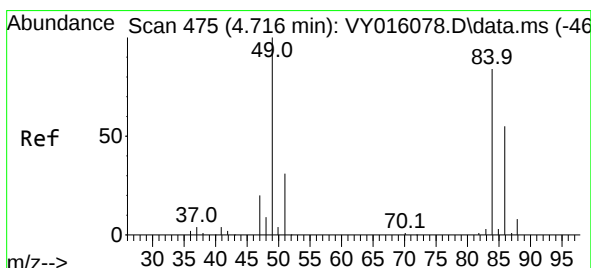
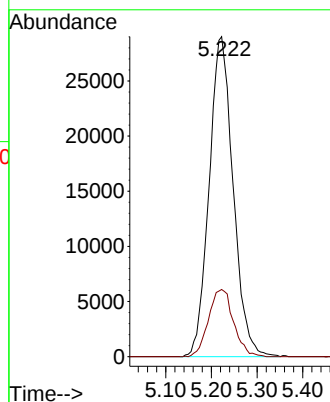
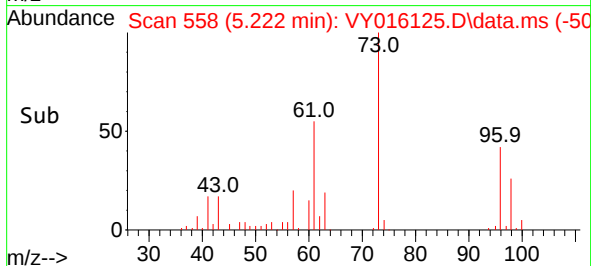
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01



Tgt Ion: 73 Resp: 105956
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

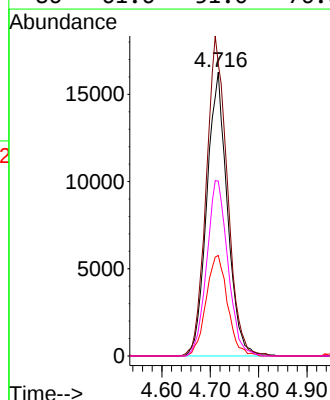
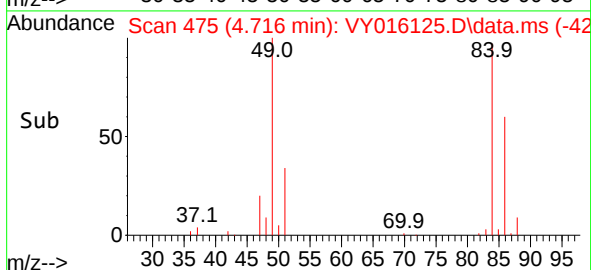
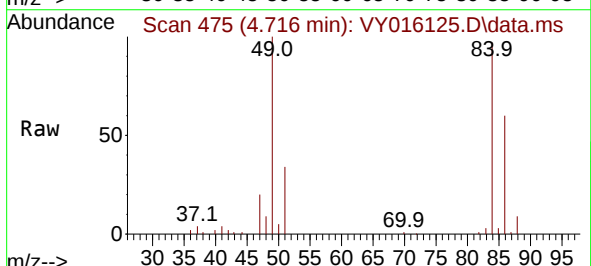
Manual Integrations
APPROVED

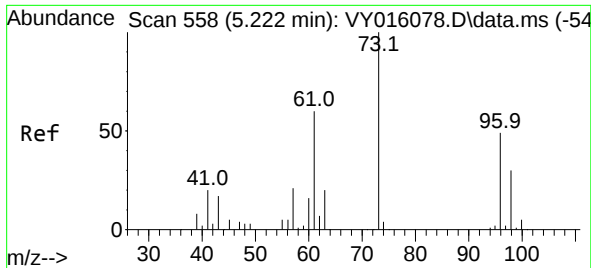
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#20
Methylene Chloride
Concen: 17.762 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

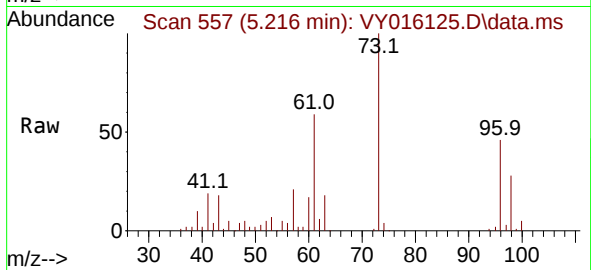
Tgt Ion: 84 Resp: 47967
Ion Ratio Lower Upper
84 100
49 102.9 106.9 160.3#
51 35.4 33.2 49.8
86 61.6 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 18.539 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

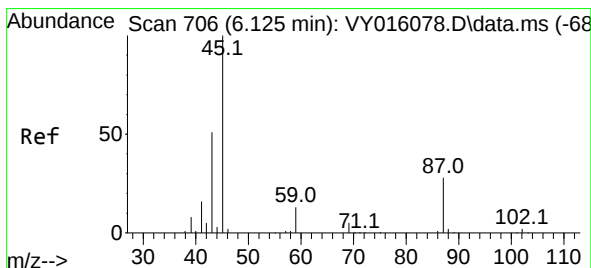
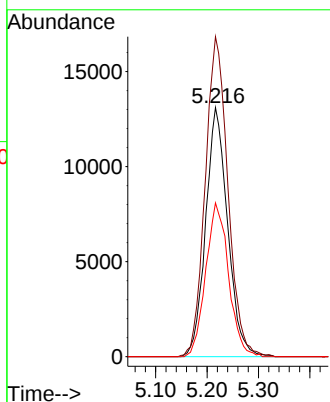
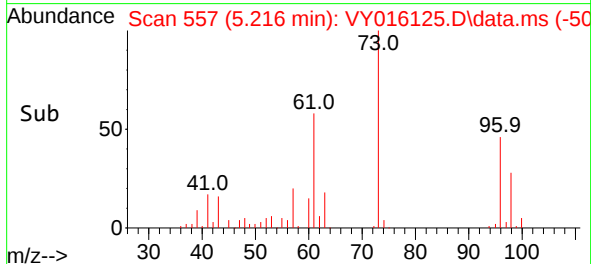
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01



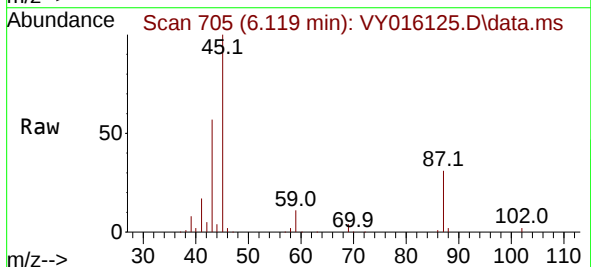
Tgt Ion: 96 Resp: 3900
Ion Ratio Lower Upper
96 100
61 128.5 110.2 165.4
98 61.7 51.8 77.6

Manual Integrations
APPROVED

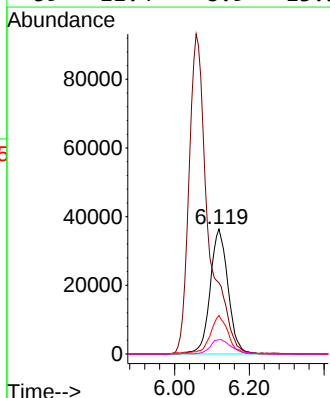
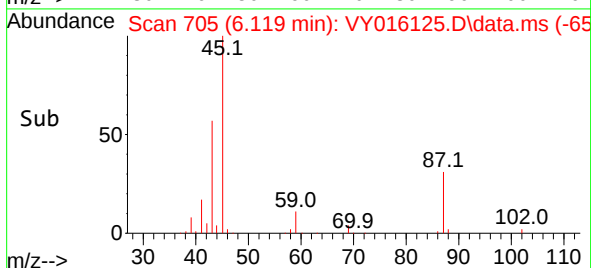
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

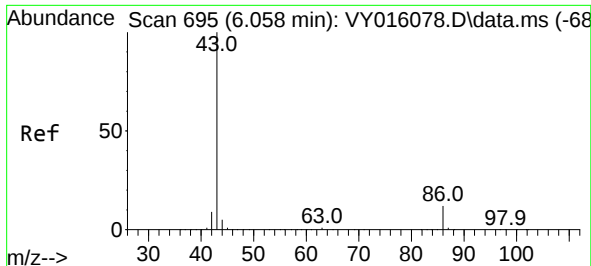


#22
Diisopropyl ether
Concen: 19.458 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28



Tgt Ion: 45 Resp: 120713
Ion Ratio Lower Upper
45 100
43 56.3 52.2 78.4
87 30.8 21.0 31.6
59 11.4 8.9 13.3





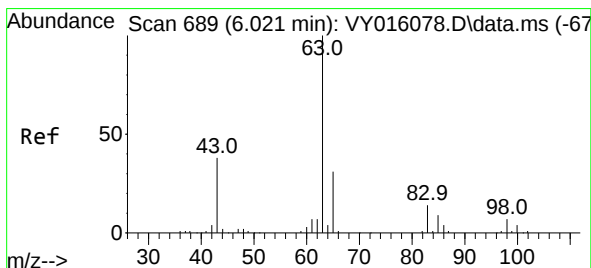
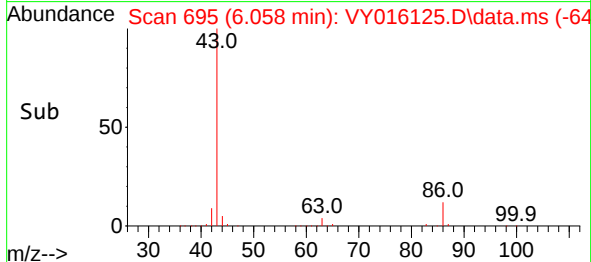
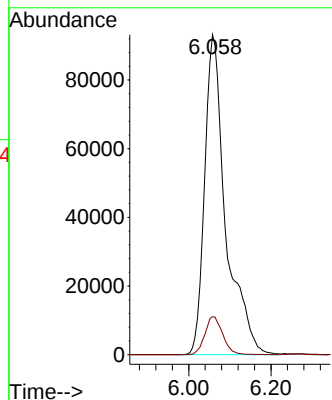
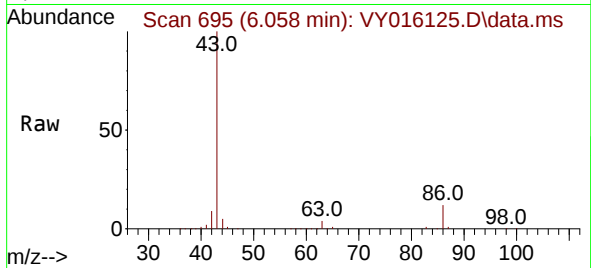
#23
 Vinyl Acetate
 Concen: 99.799 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY016125.D
 Acq: 30 Oct 2023 11:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tgt Ion: 43 Resp: 33171
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3

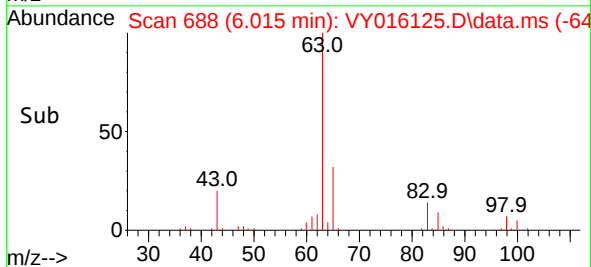
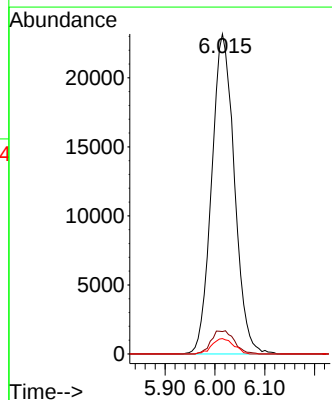
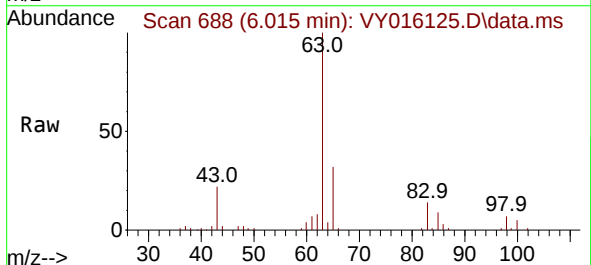
Manual Integrations
 APPROVED

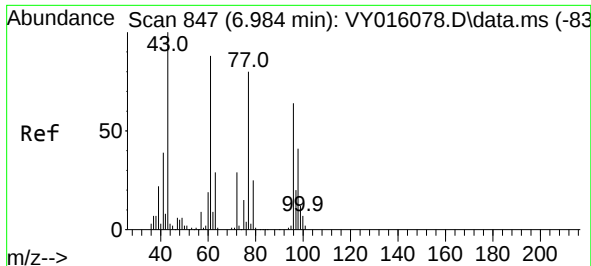
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#24
 1,1-Dichloroethane
 Concen: 19.642 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016125.D
 Acq: 30 Oct 2023 11:28

Tgt Ion: 63 Resp: 73411
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 100.913 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 43 Resp: 77964

Ion Ratio Lower Upper

43 100

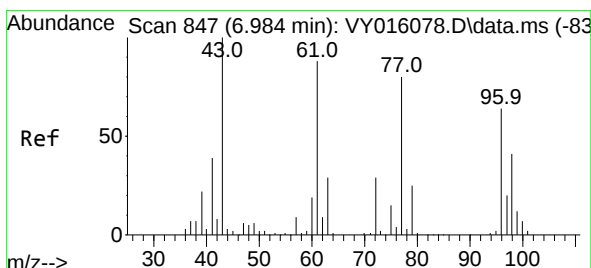
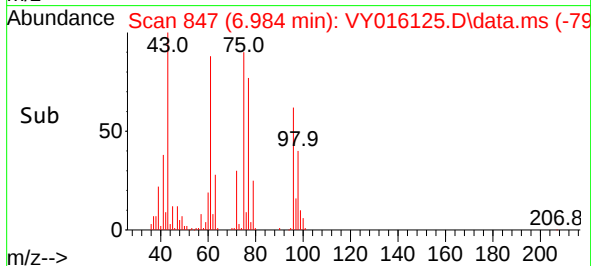
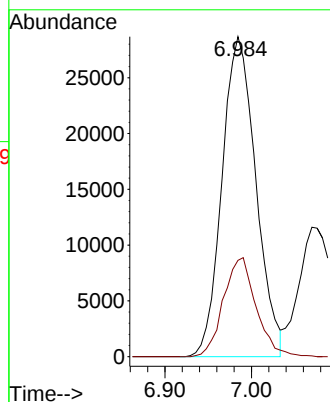
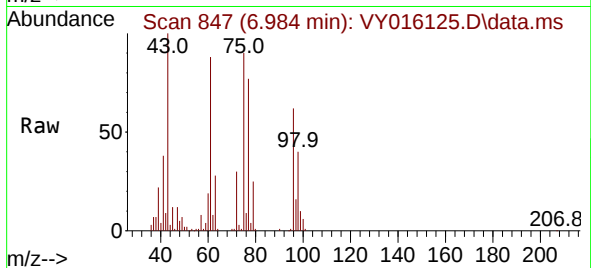
72 30.1 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#26

2,2-Dichloropropane

Concen: 19.691 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY016125.D

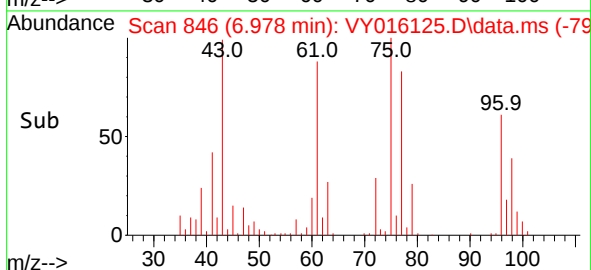
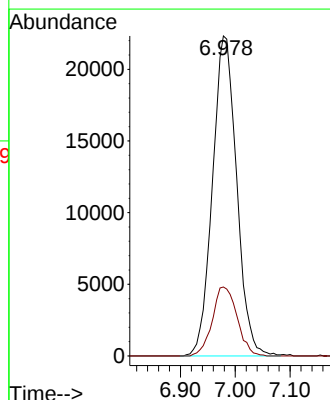
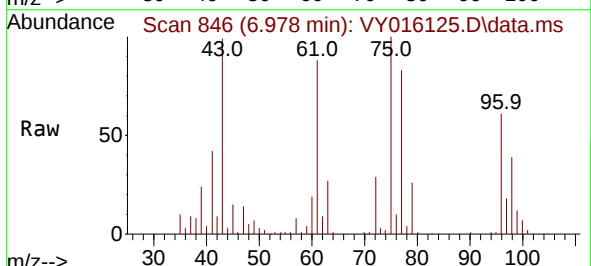
Acq: 30 Oct 2023 11:28

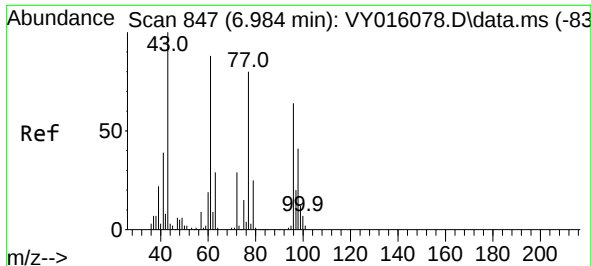
Tgt Ion: 77 Resp: 68416

Ion Ratio Lower Upper

77 100

97 22.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.168 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

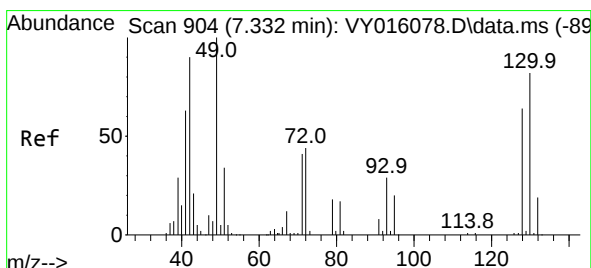
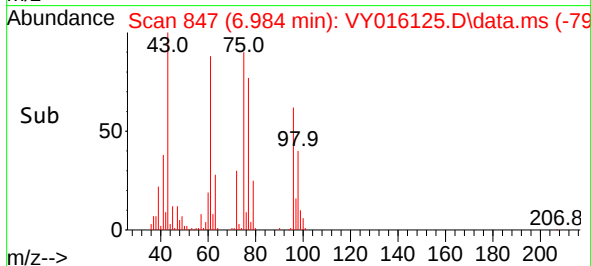
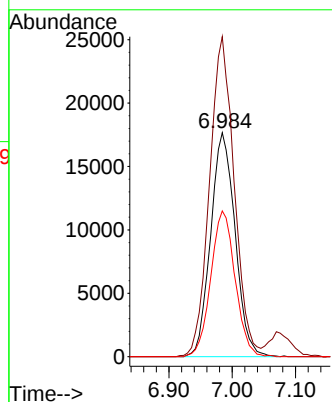
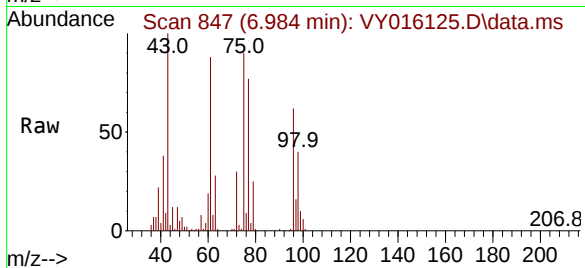
Tgt Ion:	96	Resp:	4735
Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	301.4
98	64.8	0.0	130.4

Manual Integrations

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Supervised By :Mahesh Dadoda 10/31/2023



#28

Bromochloromethane

Concen: 19.894 ug/l

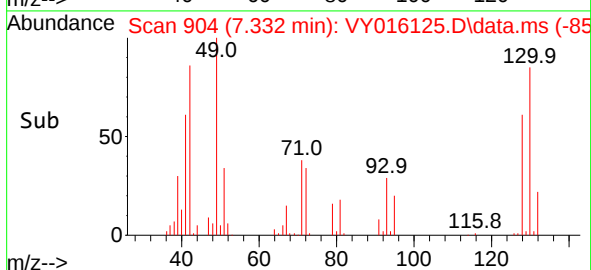
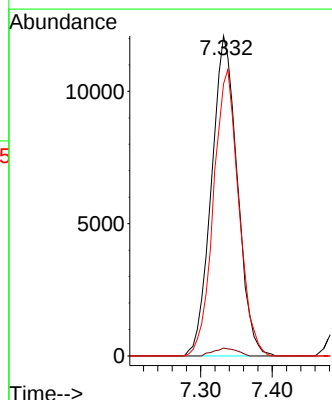
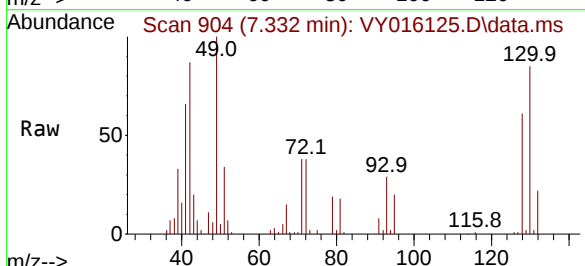
RT: 7.332 min Scan# 904

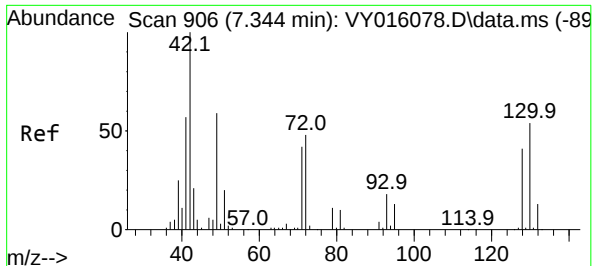
Delta R.T. 0.000 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

Tgt Ion:	49	Resp:	30419
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	87.0	60.7	91.1





#29

Tetrahydrofuran

Concen: 103.330 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

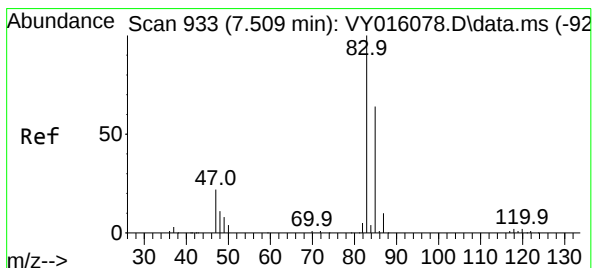
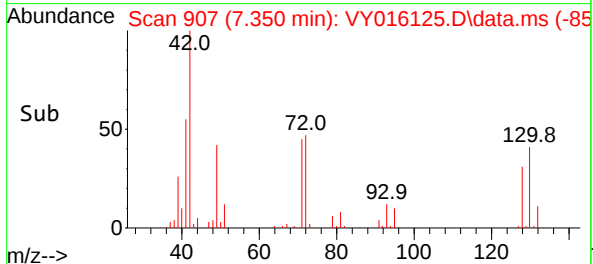
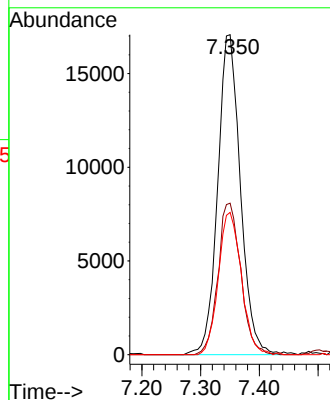
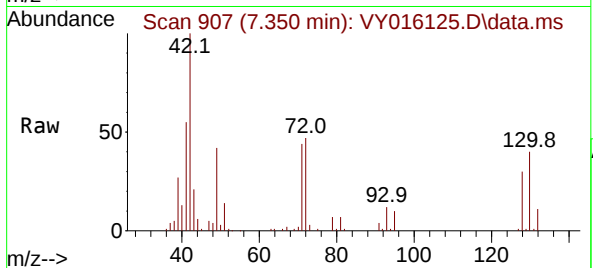
Tgt Ion:	42	Resp:	45804
Ion Ratio	Lower	Upper	
42	100		
72	47.5	32.8	49.2
71	44.9	31.0	46.4

Manual Integrations

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Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#30

Chloroform

Concen: 19.714 ug/l

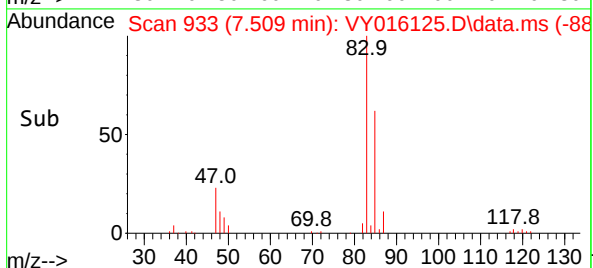
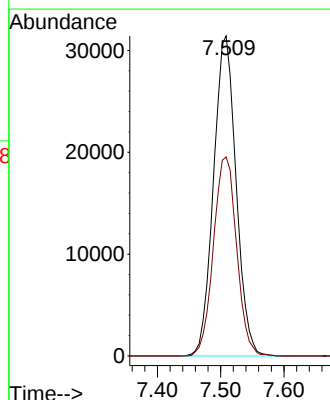
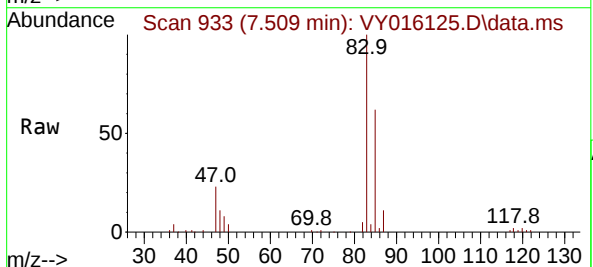
RT: 7.509 min Scan# 933

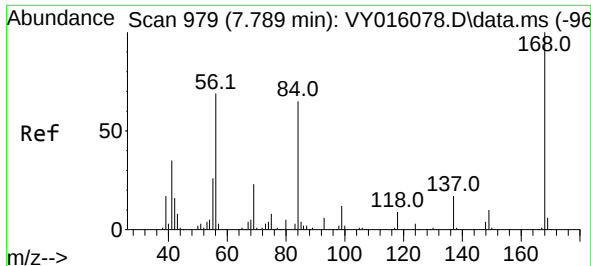
Delta R.T. 0.000 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

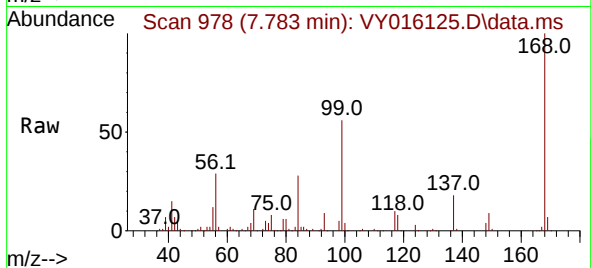
Tgt Ion:	83	Resp:	77835
Ion Ratio	Lower	Upper	
83	100		
85	62.2	49.7	74.5





#31
Cyclohexane
Concen: 18.532 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

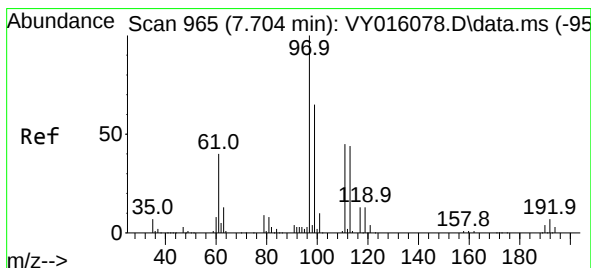
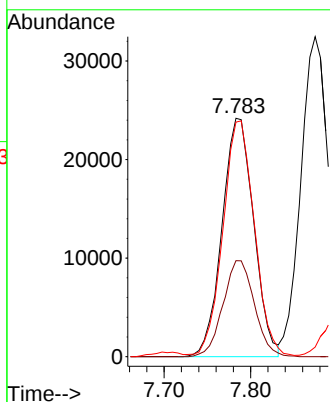
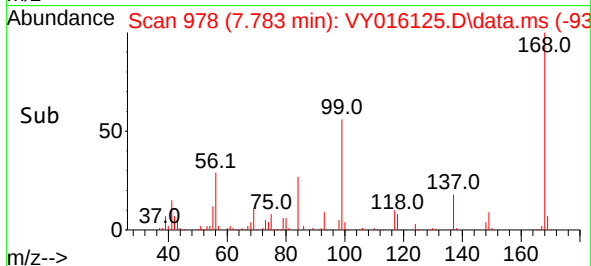
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01



Tgt Ion: 56 Resp: 6157
Ion Ratio Lower Upper
56 100
69 40.2 27.8 41.6
84 96.8 66.4 99.6

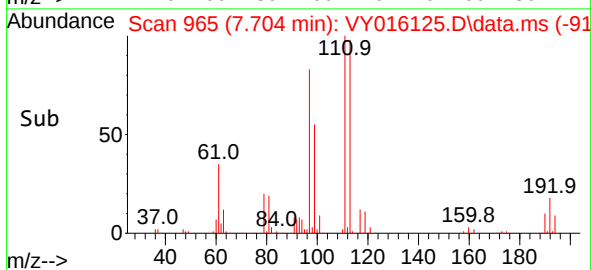
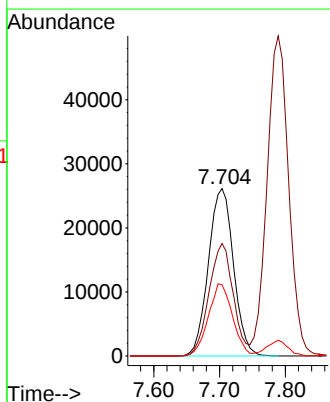
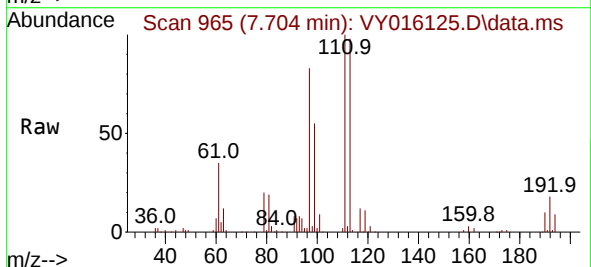
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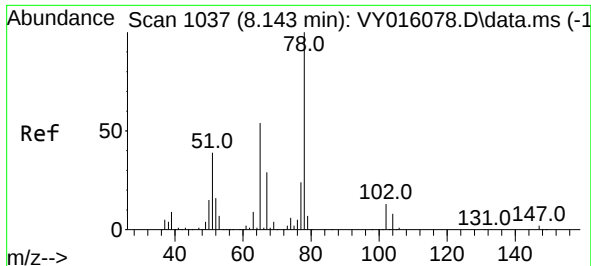
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#32
1,1,1-Trichloroethane
Concen: 19.613 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion: 97 Resp: 69457
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 41.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.447 ug/l

RT: 8.143 min Scan# 11076

Delta R.T. 0.000 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 65 Resp: 11076

Ion Ratio Lower Upper

65 100

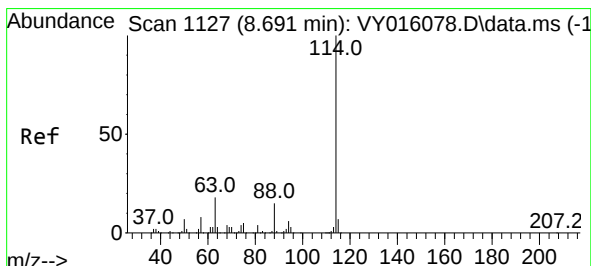
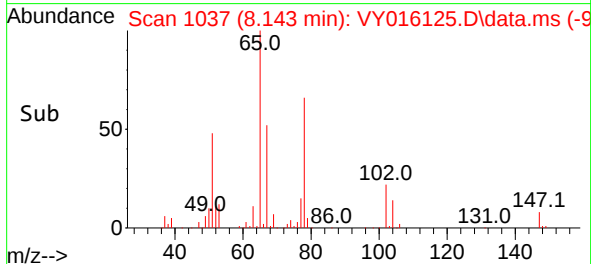
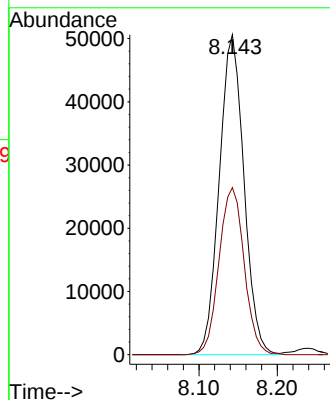
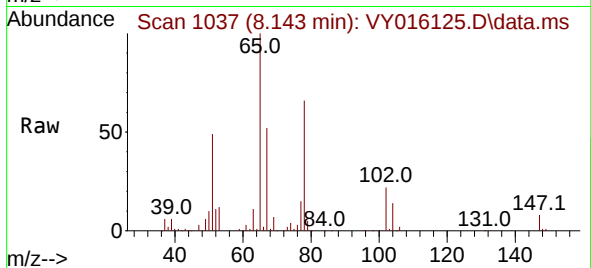
67 53.3 0.0 101.8

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Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

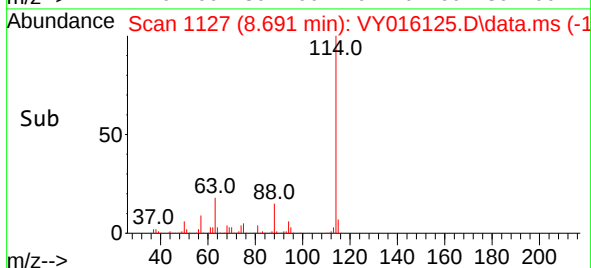
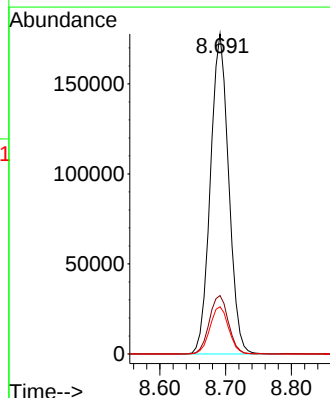
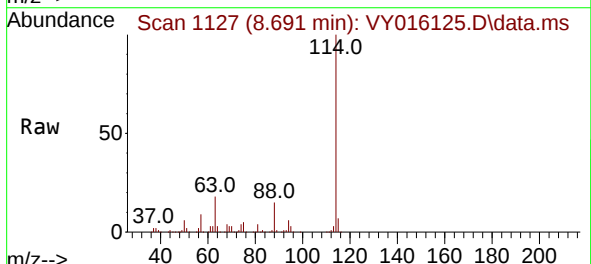
Tgt Ion:114 Resp: 343309

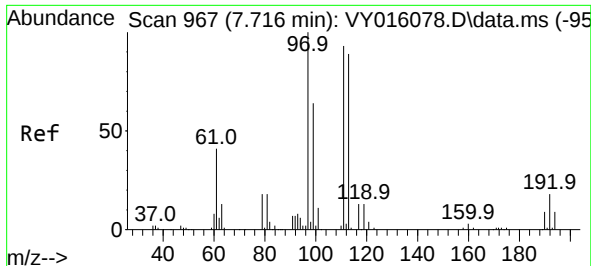
Ion Ratio Lower Upper

114 100

63 18.3 0.0 42.4

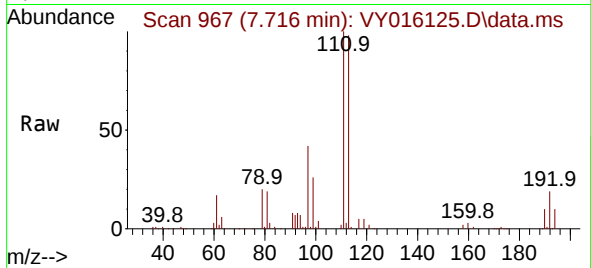
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.121 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

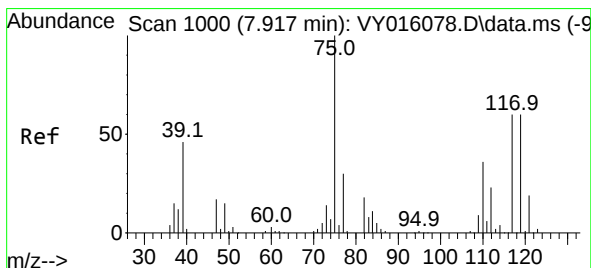
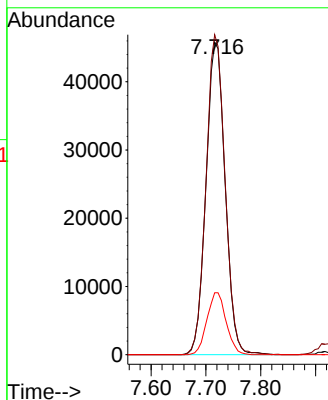
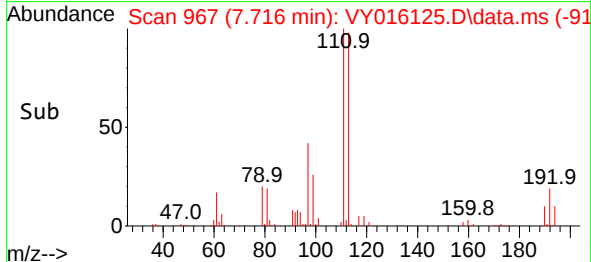
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01



Tgt Ion:113 Resp: 11079
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.9 16.9 25.3

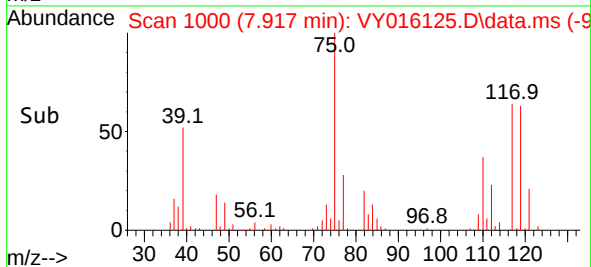
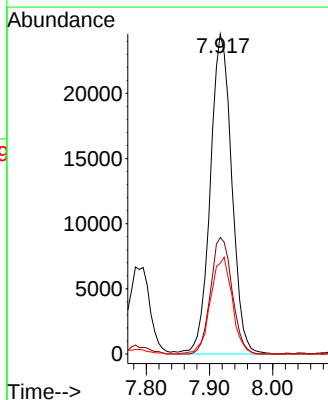
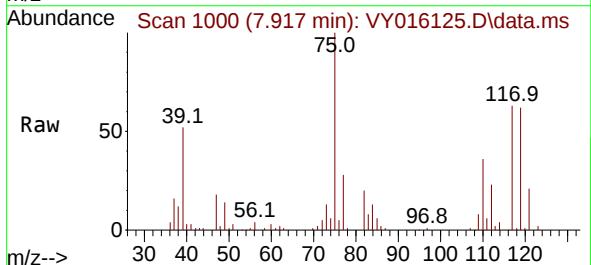
Manual Integrations
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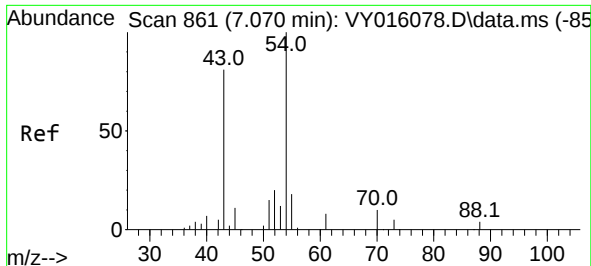
Reviewed By :John Carbone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#36
1,1-Dichloropropene
Concen: 19.108 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion: 75 Resp: 57726
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 21.299 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 43 Resp: 3298

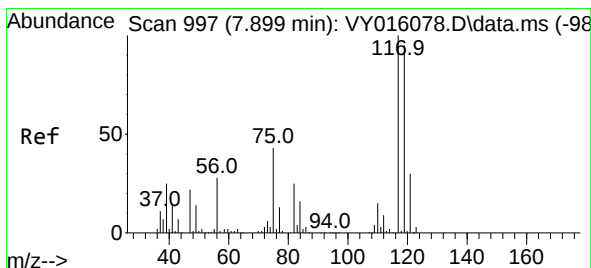
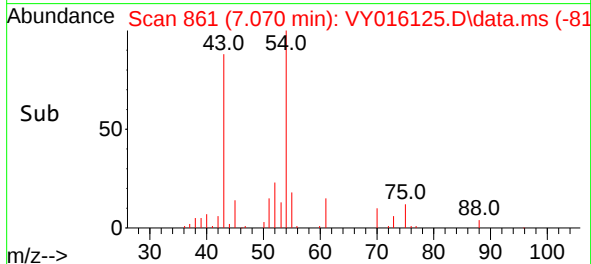
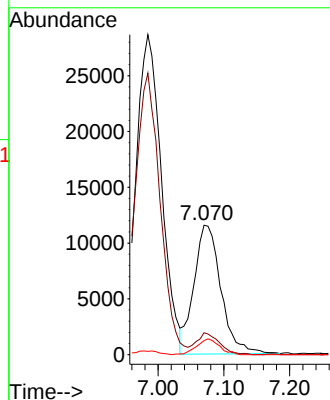
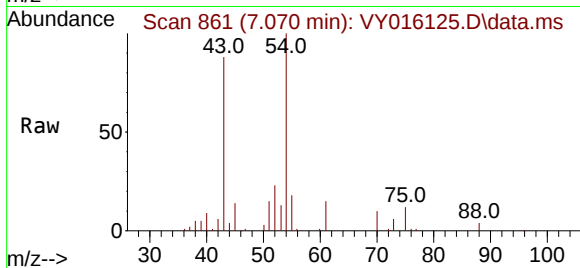
Ion	Ratio	Lower	Upper
43	100		
61	14.4	10.1	15.1
70	10.3	7.1	10.7

Manual Integrations

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Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#38

Carbon Tetrachloride

Concen: 19.409 ug/l

RT: 7.899 min Scan# 997

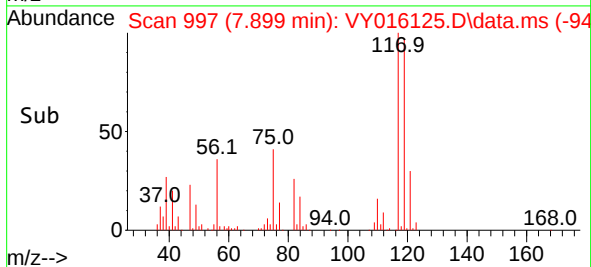
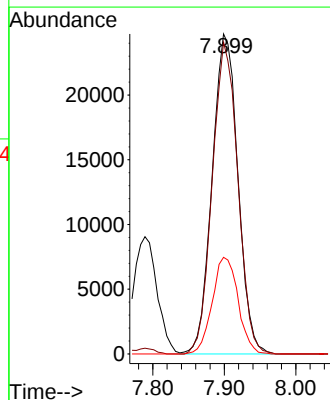
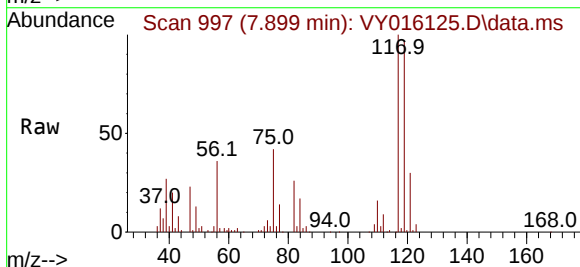
Delta R.T. 0.000 min

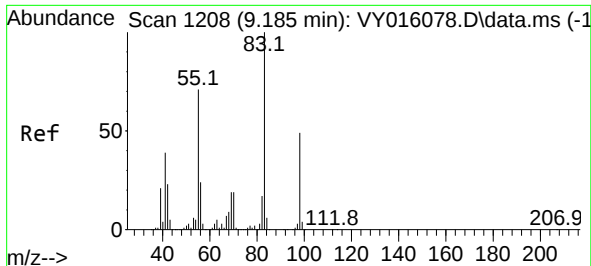
Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

Tgt Ion:117 Resp: 62008

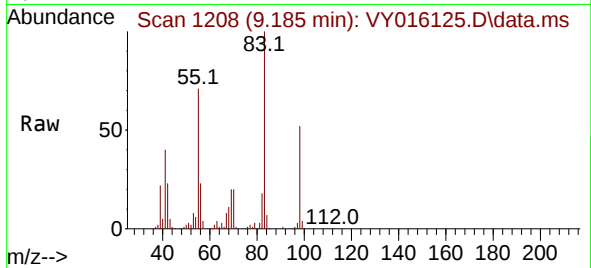
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.4	114.6
121	30.2	25.8	38.6





#39
Methylcyclohexane
Concen: 18.621 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

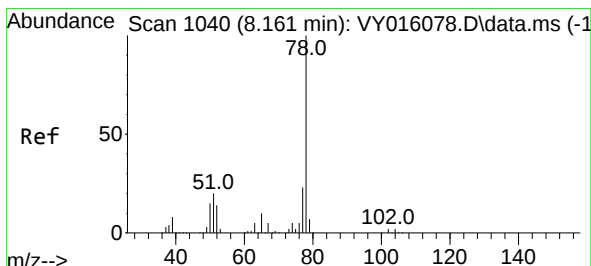
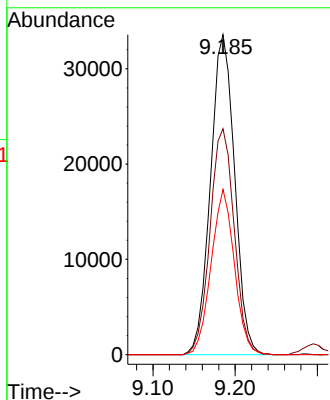
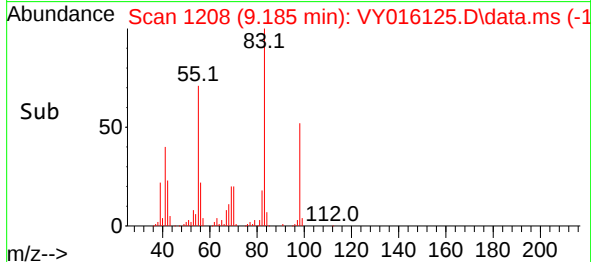
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01



Tgt Ion: 83 Resp: 6853
Ion Ratio Lower Upper
83 100
55 70.6 63.0 94.4
98 51.6 37.4 56.2

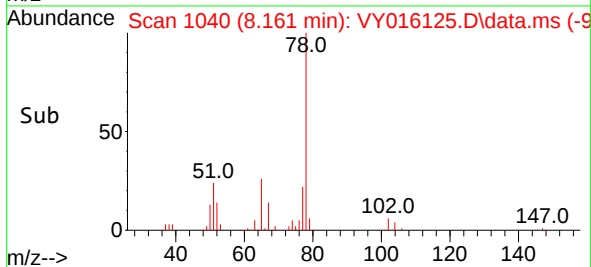
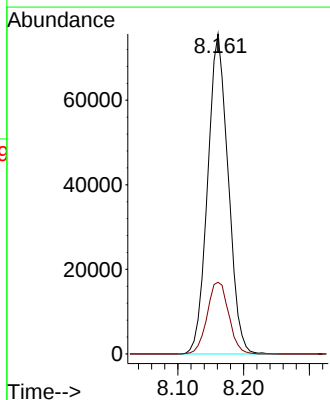
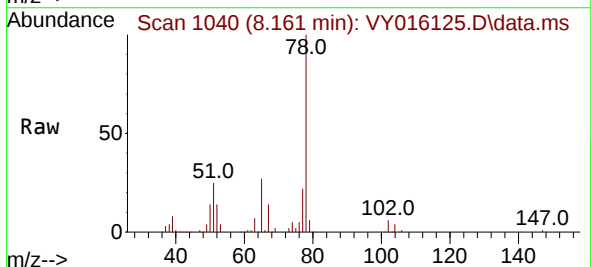
Manual Integrations
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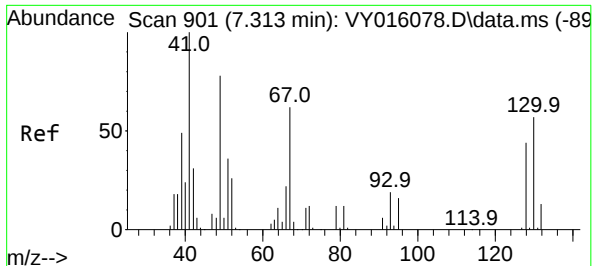
Reviewed By :John Carbone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#40
Benzene
Concen: 19.203 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

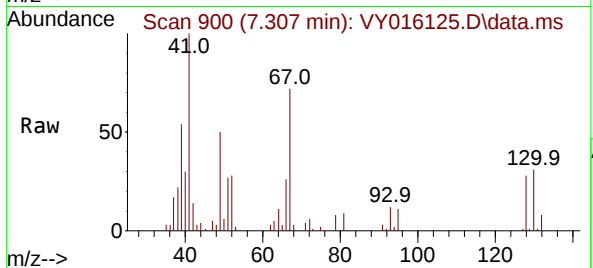
Tgt Ion: 78 Resp: 164250
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.6





#41
Methacrylonitrile
Concen: 19.788 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

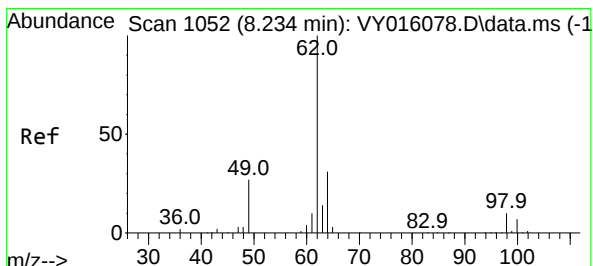
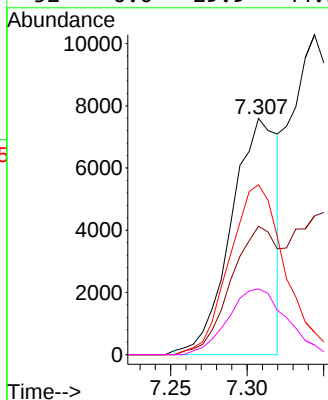
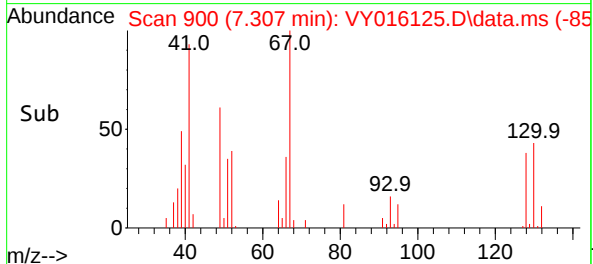
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01



Tgt Ion: 41 Resp: 16030
Ion Ratio Lower Upper
41 100
39 68.4 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

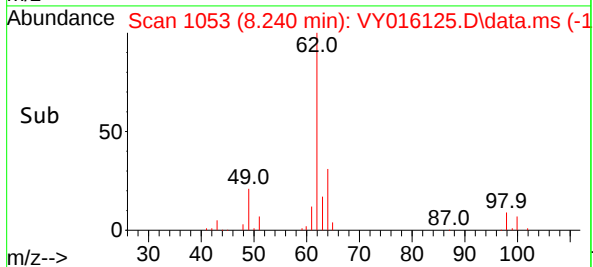
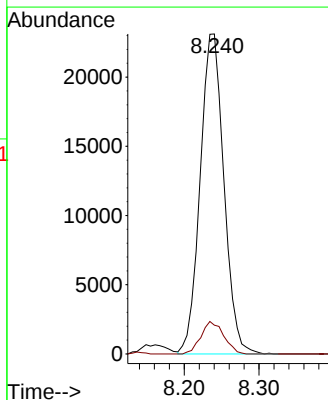
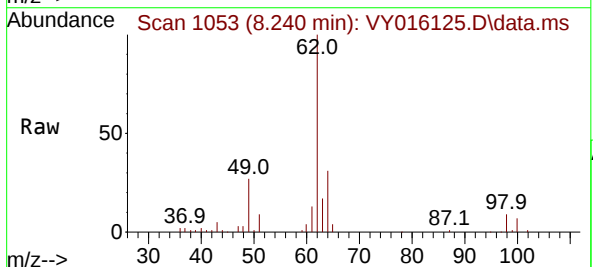
Manual Integrations
APPROVED

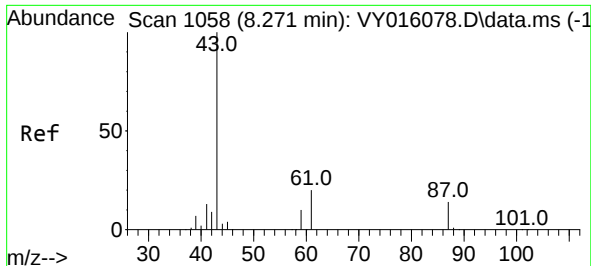
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#42
1,2-Dichloroethane
Concen: 20.641 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

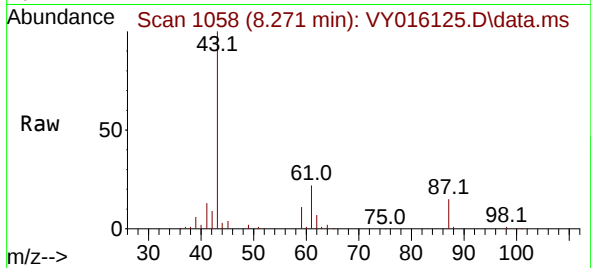
Tgt Ion: 62 Resp: 51013
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.556 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

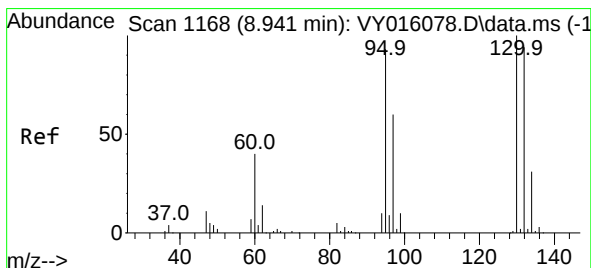
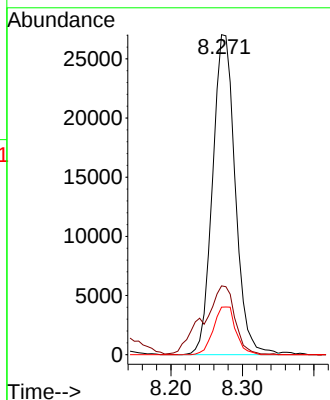
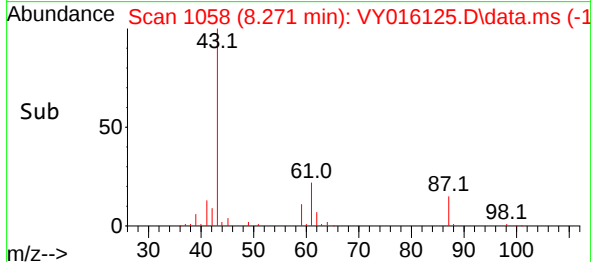
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01



Tgt Ion: 43 Resp: 59514
Ion Ratio Lower Upper
43 100
61 30.4 21.1 31.7
87 14.7 9.8 14.8

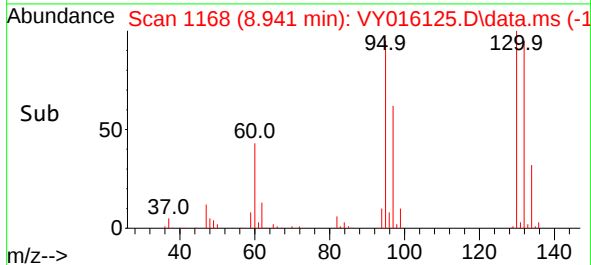
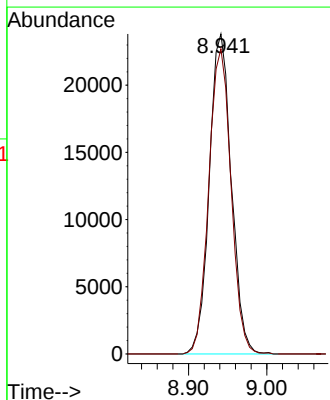
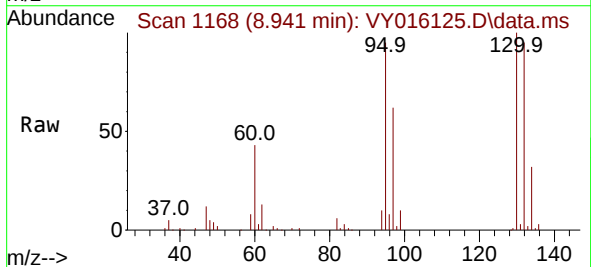
Manual Integrations
APPROVED

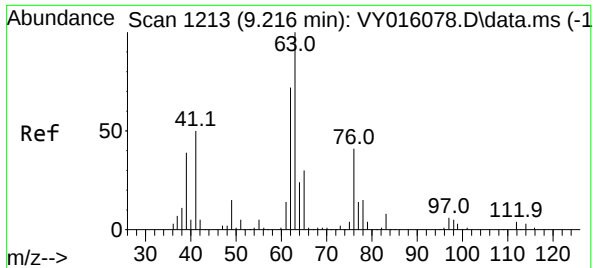
Reviewed By :John Carbone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#44
Trichloroethene
Concen: 19.488 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion:130 Resp: 46545
Ion Ratio Lower Upper
130 100
95 95.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.643 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 63 Resp: 4252

Ion Ratio Lower Upper

63 100

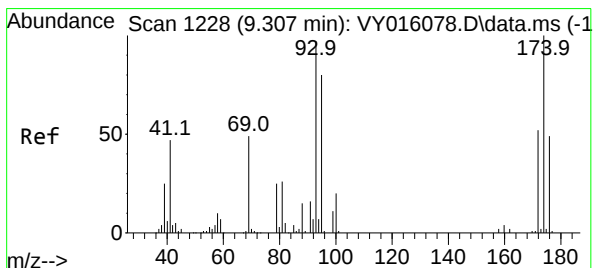
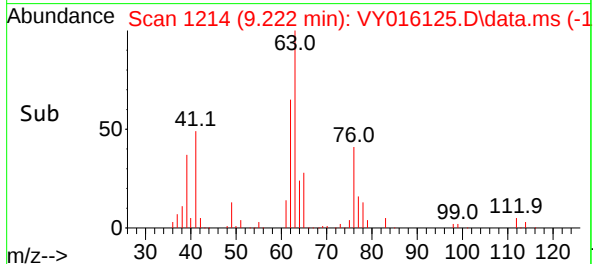
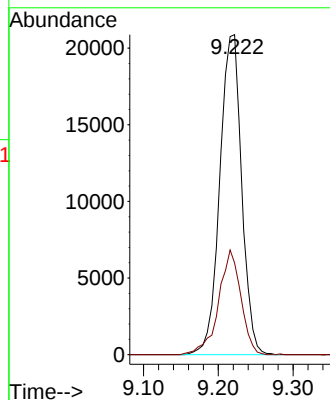
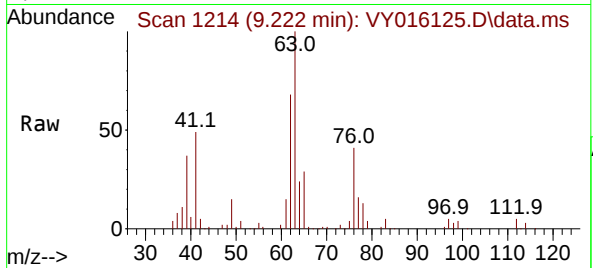
65 28.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#46

Dibromomethane

Concen: 20.516 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

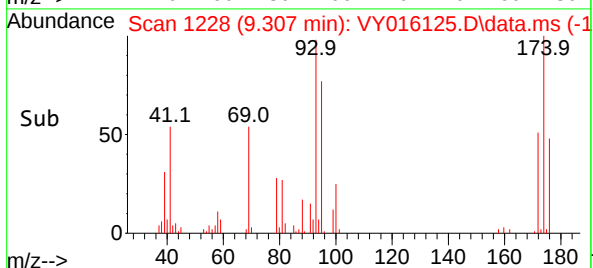
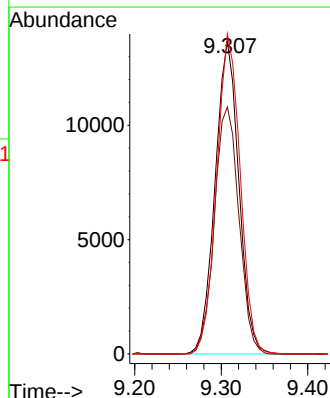
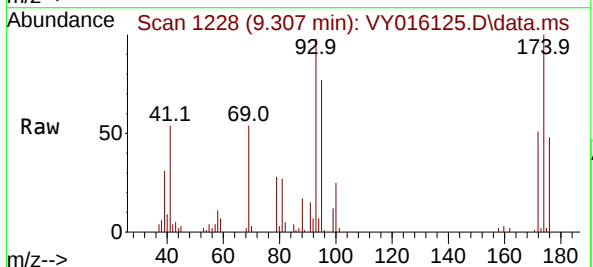
Tgt Ion: 93 Resp: 26041

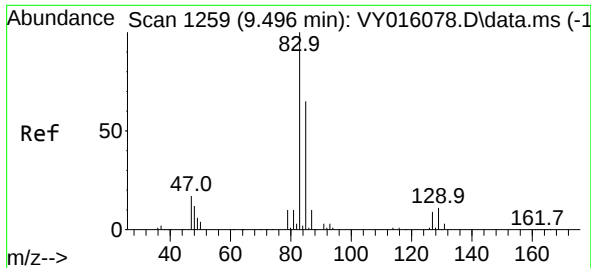
Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

174 101.6 84.8 127.2





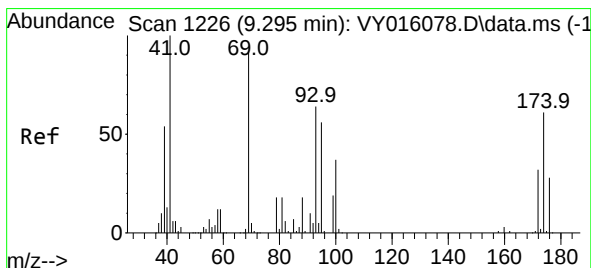
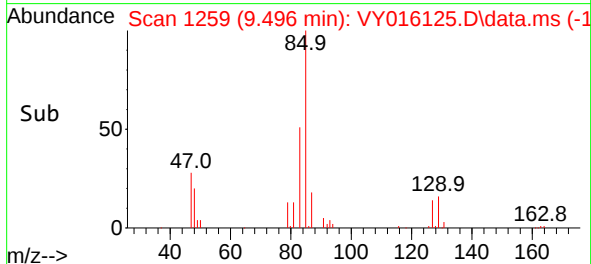
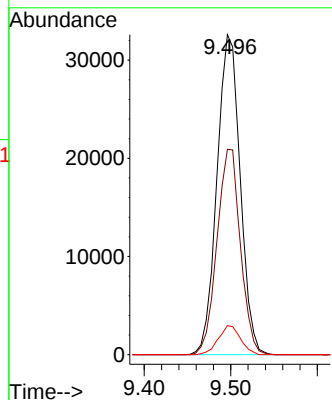
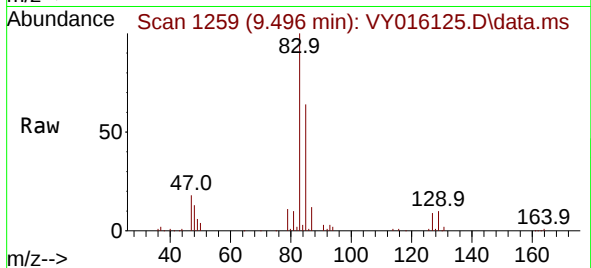
#47
Bromodichloromethane
Concen: 19.774 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion: 83 Resp: 6070
Ion Ratio Lower Upper
83 100
85 64.1 50.1 75.1
127 9.1 7.1 10.7

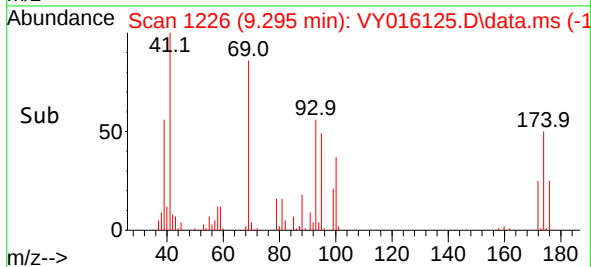
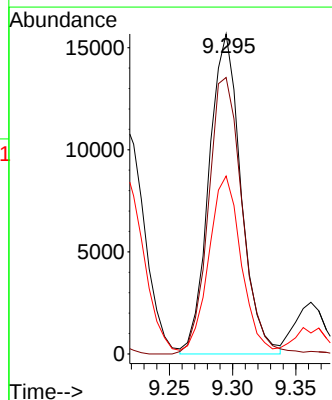
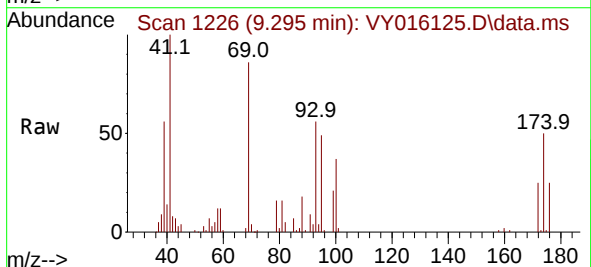
Manual Integrations
APPROVED

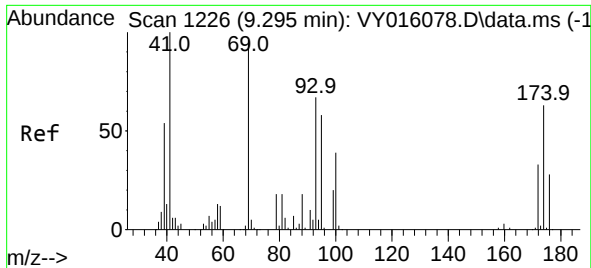
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#48
Methyl methacrylate
Concen: 20.723 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion: 41 Resp: 27641
Ion Ratio Lower Upper
41 100
69 91.3 64.5 96.7
39 56.3 50.8 76.2





#49

1,4-Dioxane

Concen: 445.068 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 88 Resp: 706

Ion Ratio Lower Upper

88 100

43 31.8 0.0 0.0

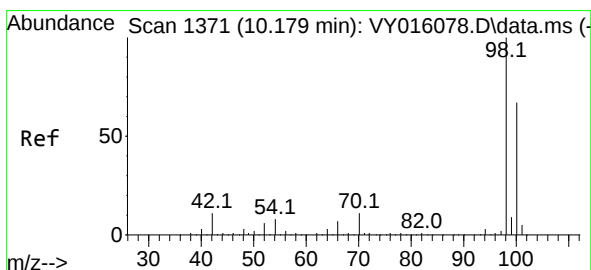
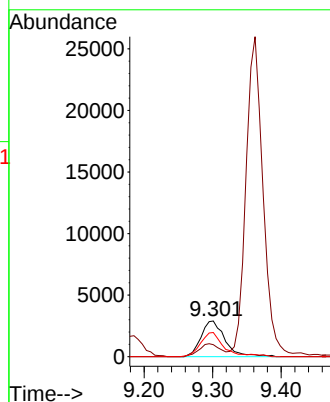
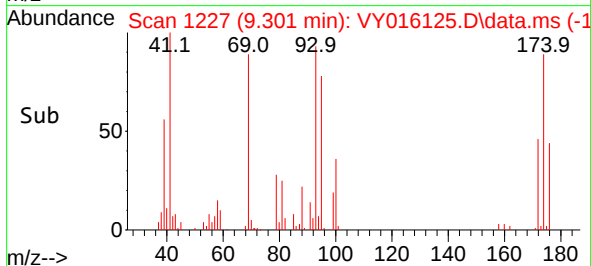
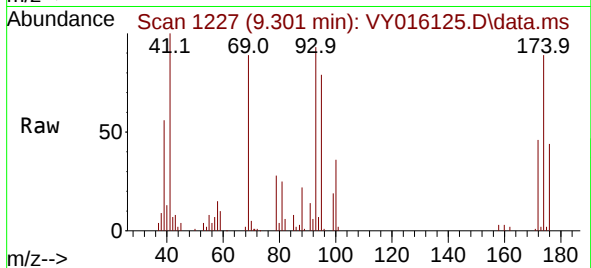
58 62.9 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#50

Toluene-d8

Concen: 50.841 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY016125.D

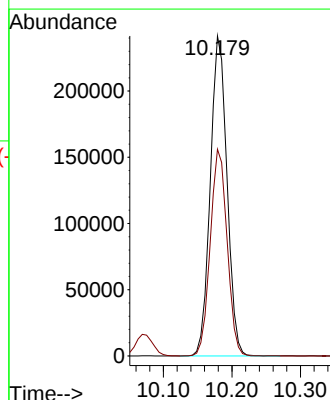
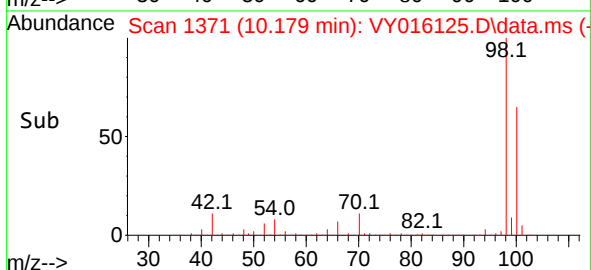
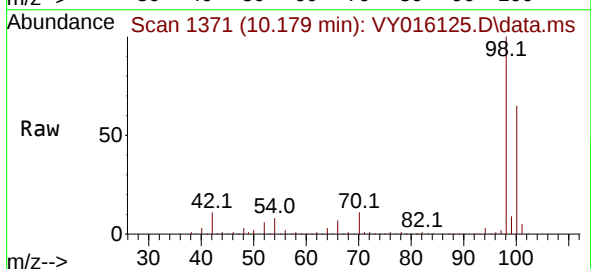
Acq: 30 Oct 2023 11:28

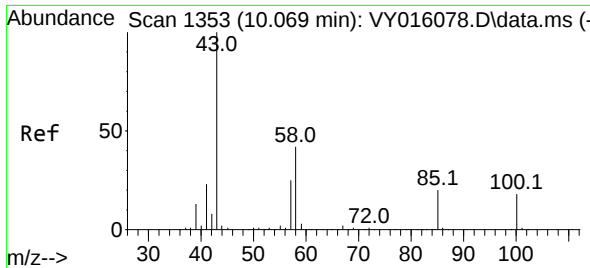
Tgt Ion: 98 Resp: 408154

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1





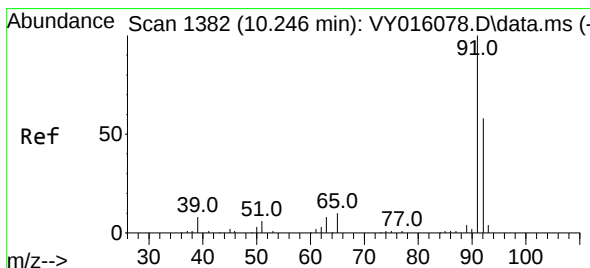
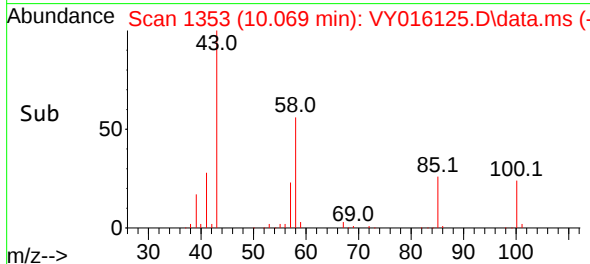
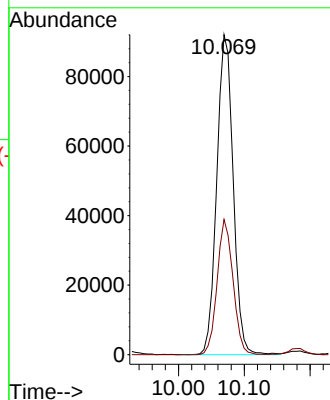
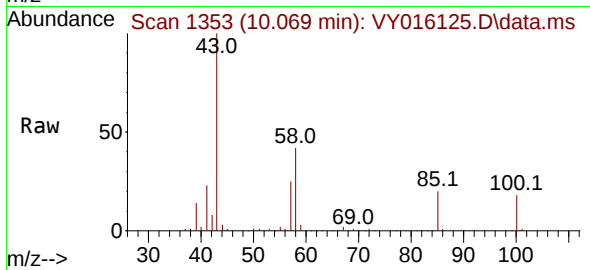
#51
4-Methyl-2-Pentanone
Concen: 104.794 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion: 43 Resp: 160090
Ion Ratio Lower Upper
43 100
58 40.8 29.0 43.6

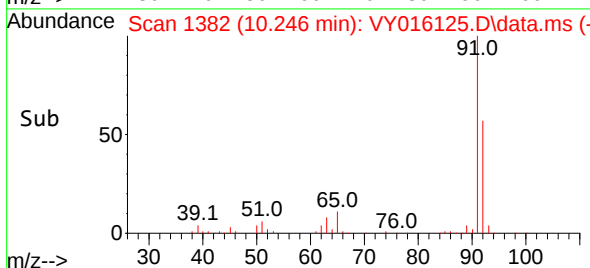
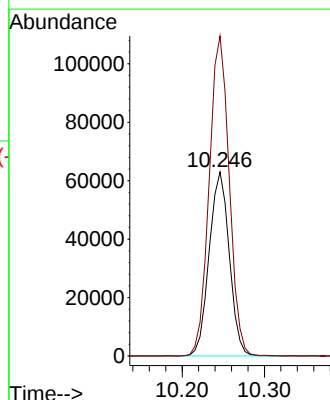
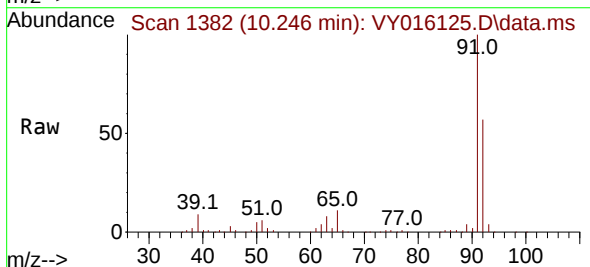
Manual Integrations
APPROVED

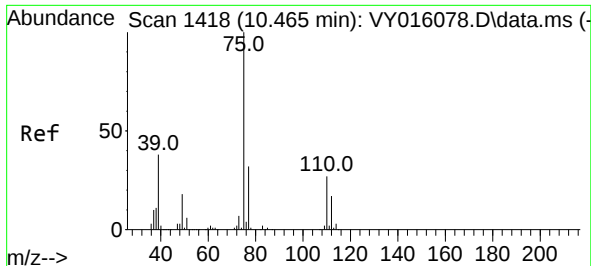
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#52
Toluene
Concen: 19.428 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion: 92 Resp: 106708
Ion Ratio Lower Upper
92 100
91 173.3 143.8 215.6





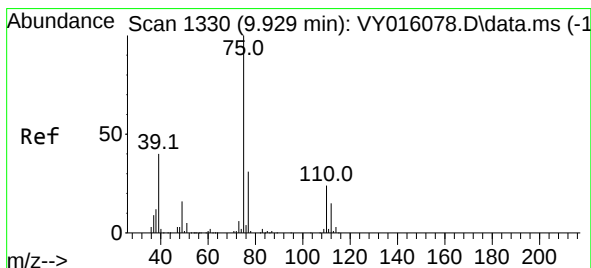
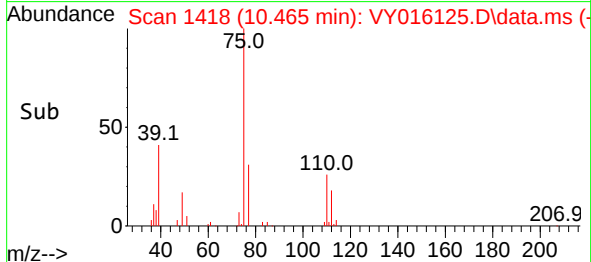
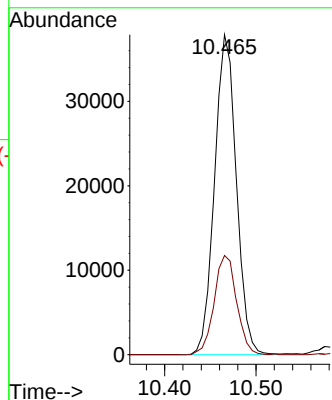
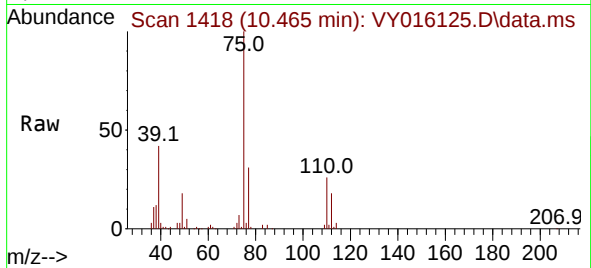
#53
 t-1,3-Dichloropropene
 Concen: 19.985 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY016125.D
 Acq: 30 Oct 2023 11:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBS01

Tgt Ion: 75 Resp: 62735
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4

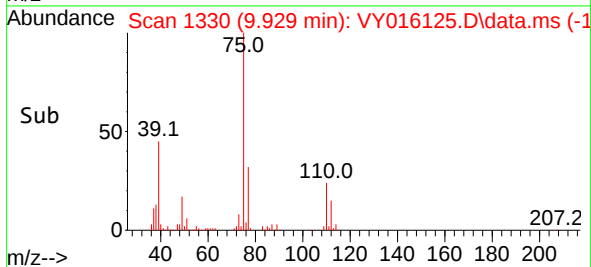
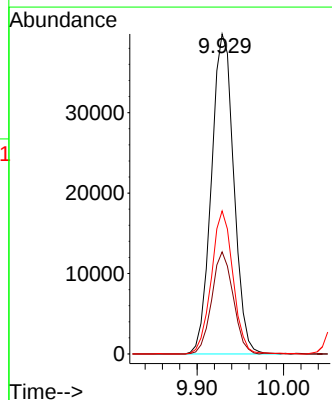
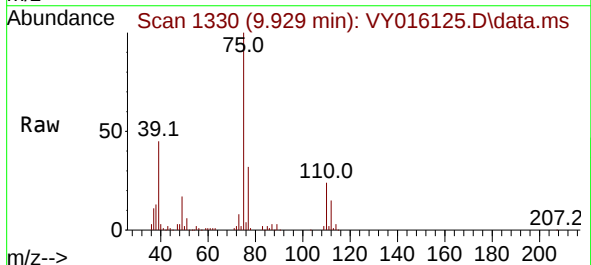
Manual Integrations
 APPROVED

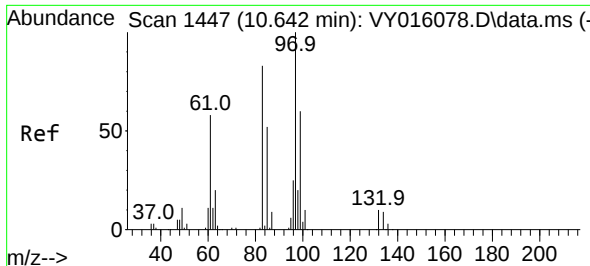
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.098 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY016125.D
 Acq: 30 Oct 2023 11:28

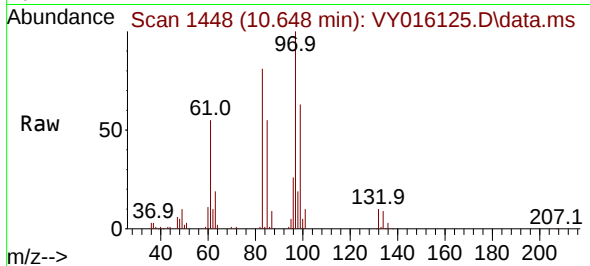
Tgt Ion: 75 Resp: 71347
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4
 39 44.7 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 20.379 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

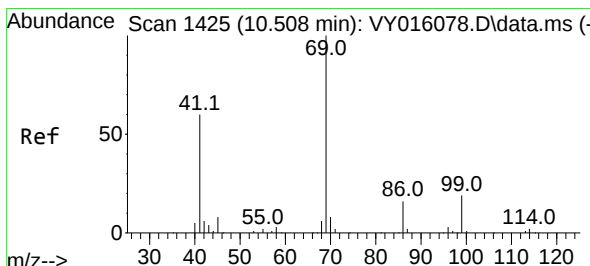
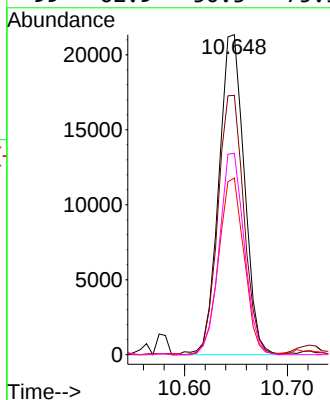
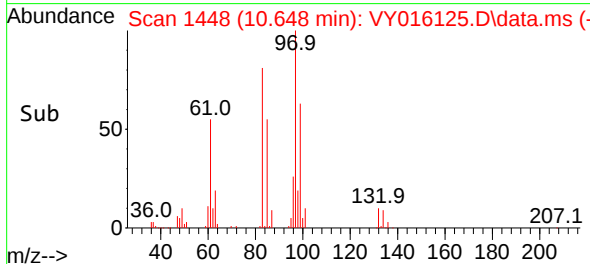
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01



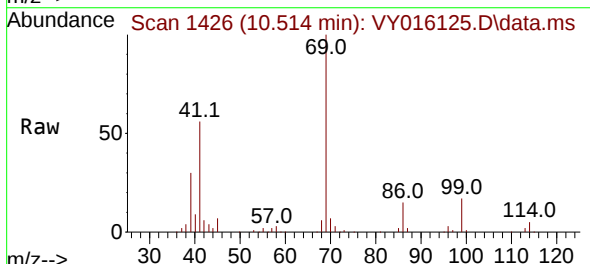
Tgt Ion:	97	Resp:	3675
Ion	Ratio	Lower	Upper
97	100		
83	81.1	72.0	108.0
85	54.9	45.4	68.0
99	62.9	50.3	75.5

Manual Integrations
APPROVED

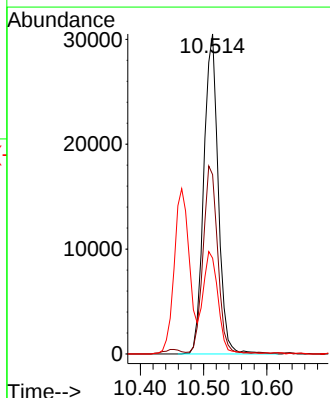
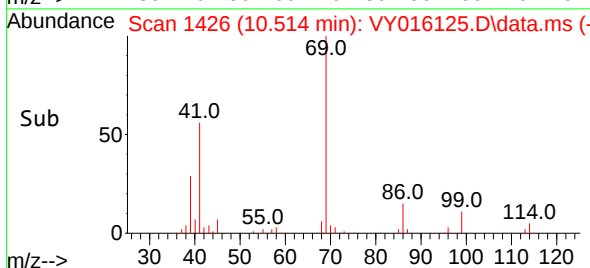
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

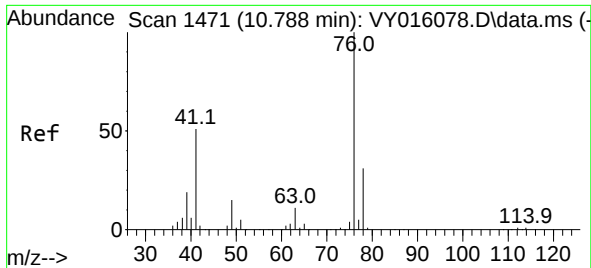


#56
Ethyl methacrylate
Concen: 20.891 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28



Tgt Ion:	69	Resp:	48420
Ion	Ratio	Lower	Upper
69	100		
41	59.3	57.6	86.4
39	32.6	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.053 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion: 76 Resp: 6045

Ion Ratio Lower Upper

76 100

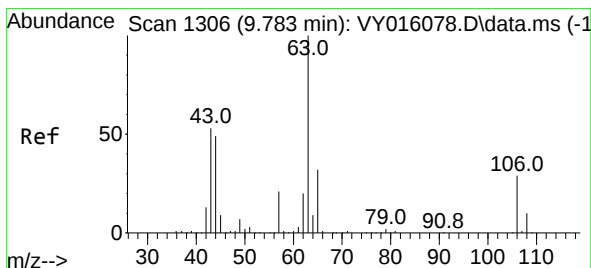
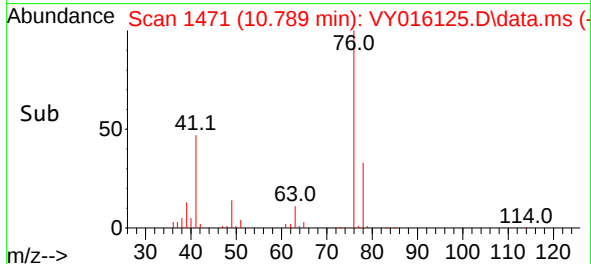
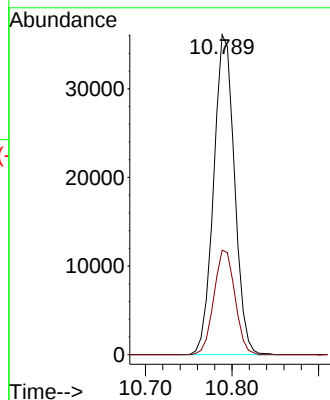
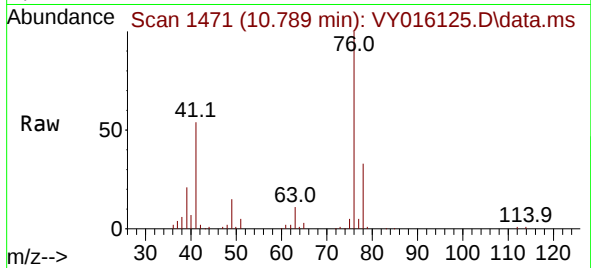
78 32.9 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 107.477 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY016125.D

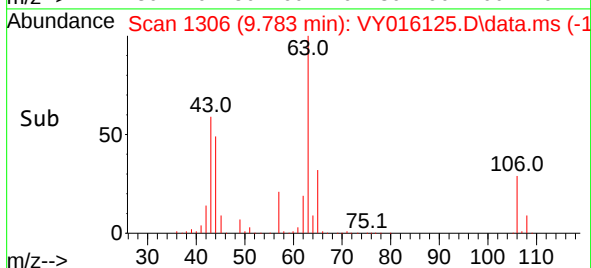
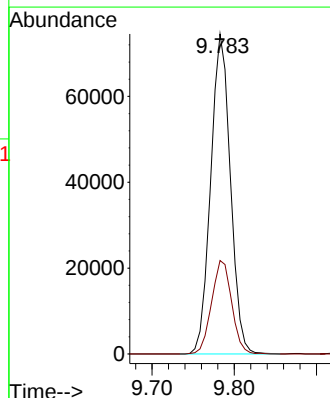
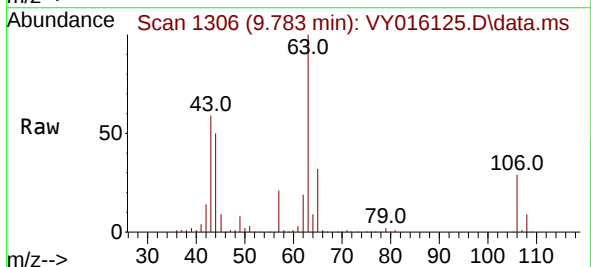
Acq: 30 Oct 2023 11:28

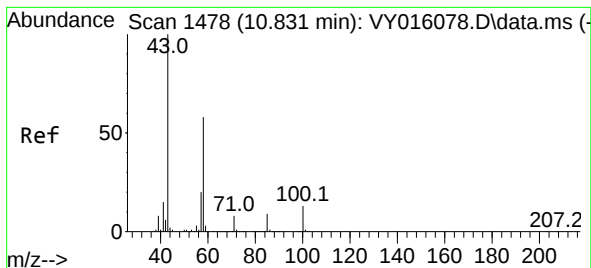
Tgt Ion: 63 Resp: 124011

Ion Ratio Lower Upper

63 100

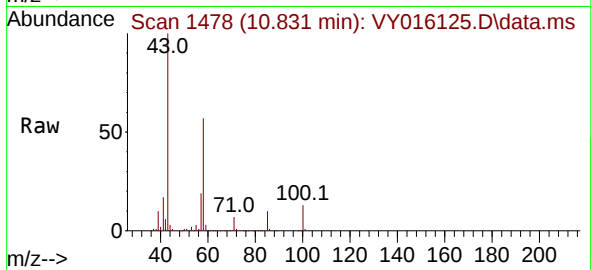
106 29.8 21.2 31.8





#59
2-Hexanone
Concen: 104.589 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

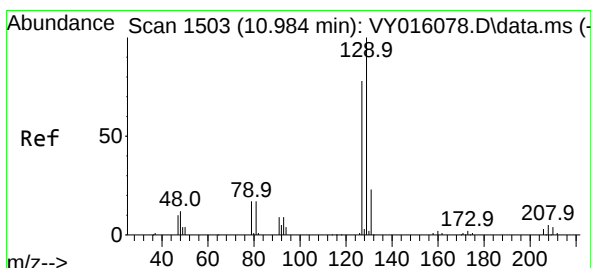
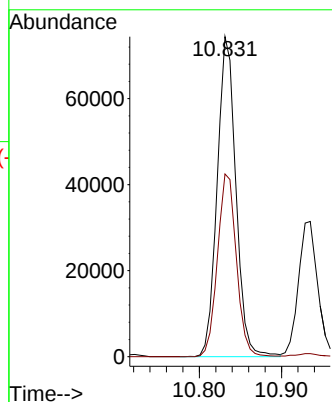
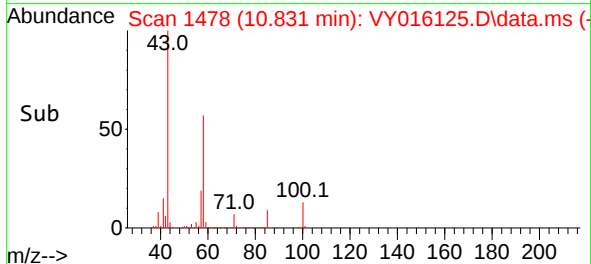
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01



Tgt Ion: 43 Resp: 11770
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3

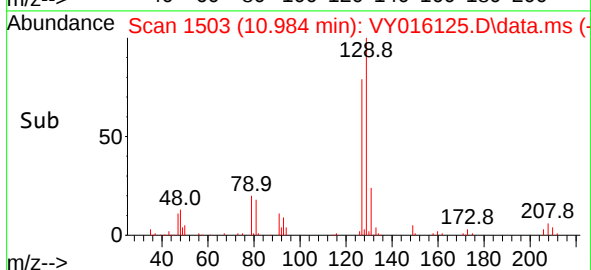
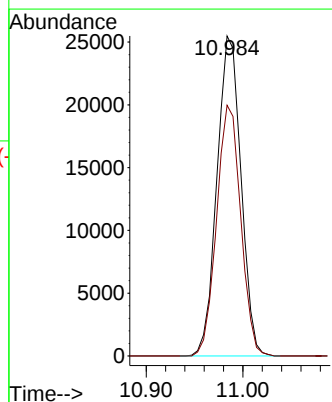
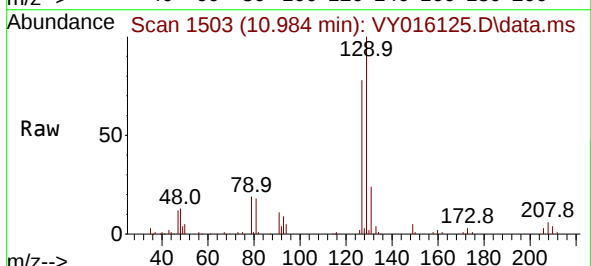
Manual Integrations
APPROVED

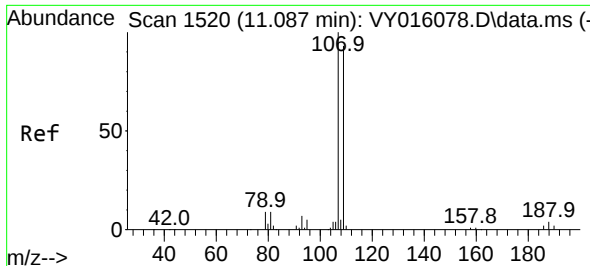
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#60
Dibromochloromethane
Concen: 19.898 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

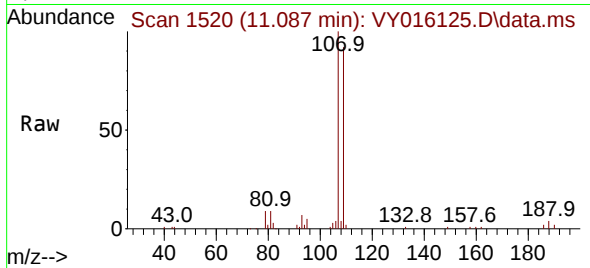
Tgt Ion:129 Resp: 43944
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5





#61
1,2-Dibromoethane
Concen: 20.154 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

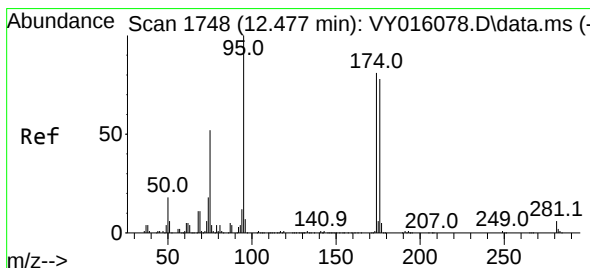
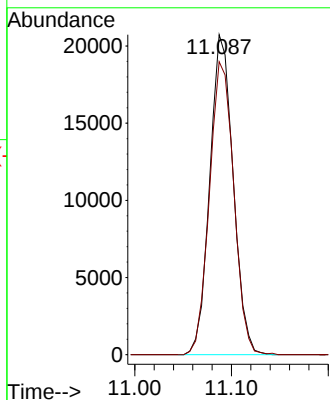
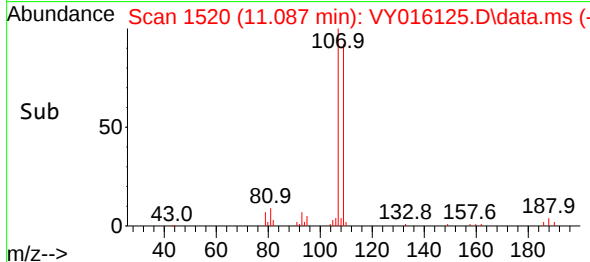
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01



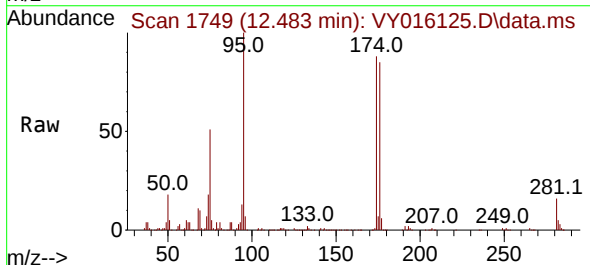
Tgt Ion:107 Resp: 3480
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4

Manual Integrations
APPROVED

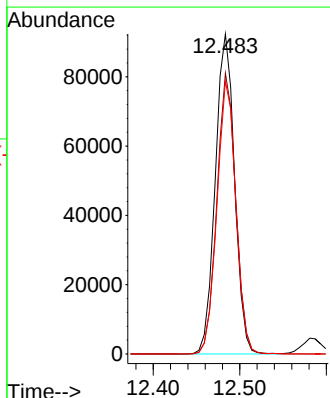
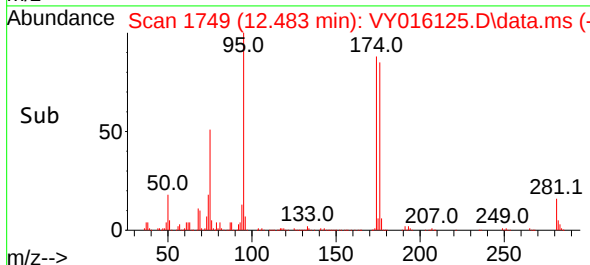
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

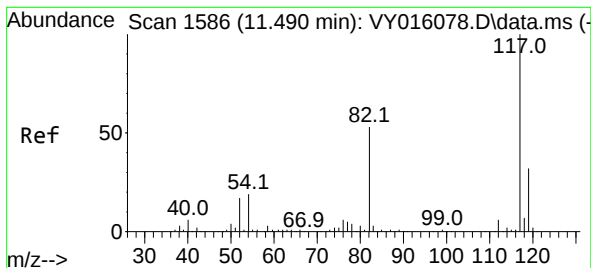


#62
4-Bromofluorobenzene
Concen: 51.694 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28



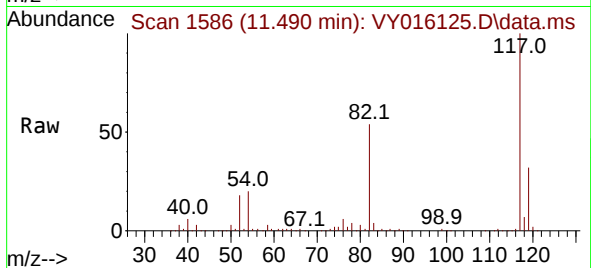
Tgt Ion: 95 Resp: 142356
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 83.9 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

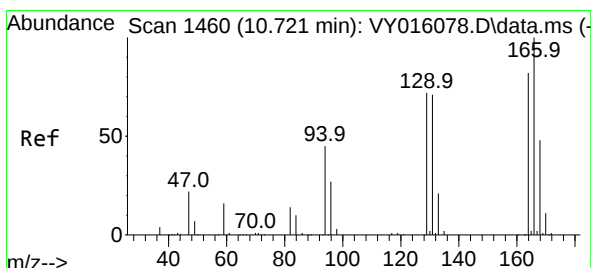
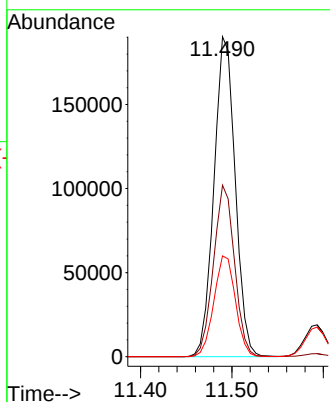
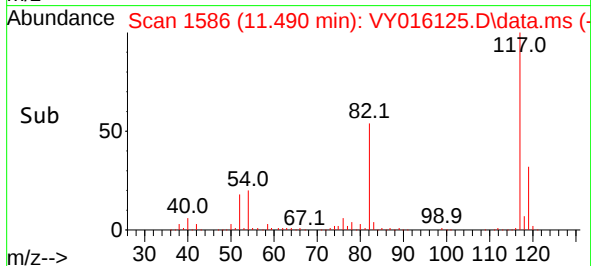
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01



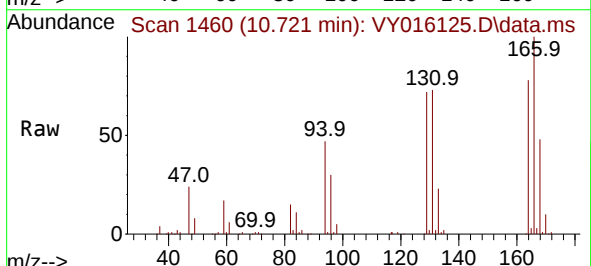
Tgt Ion:117 Resp: 30797
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 31.5 26.3 39.5

Manual Integrations
APPROVED

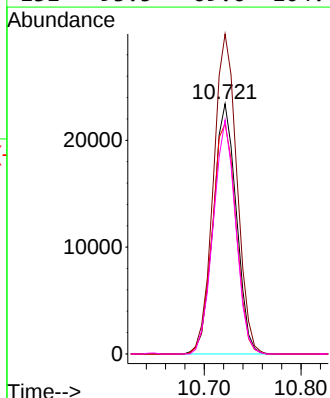
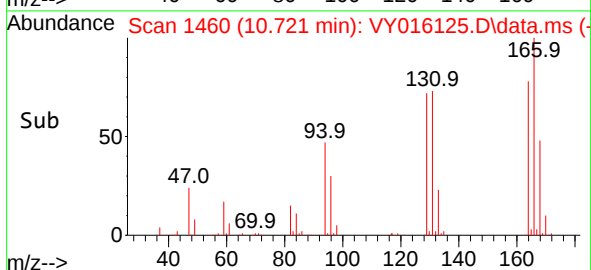
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

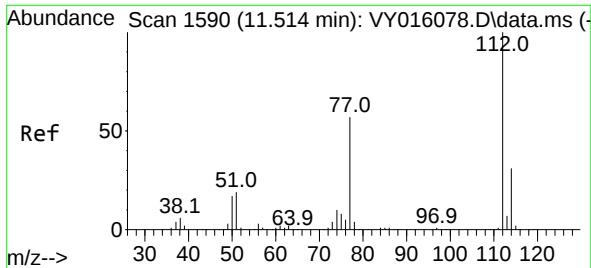


#64
Tetrachloroethene
Concen: 18.995 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28



Tgt Ion:164 Resp: 38712
Ion Ratio Lower Upper
164 100
166 127.9 103.0 154.6
129 92.1 77.2 115.8
131 93.5 69.6 104.4





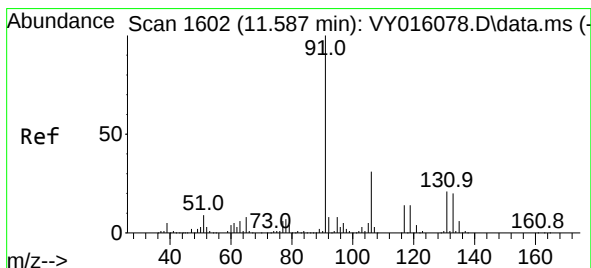
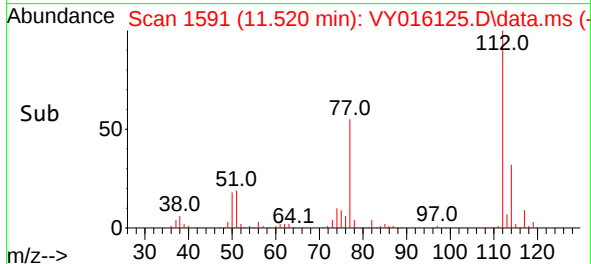
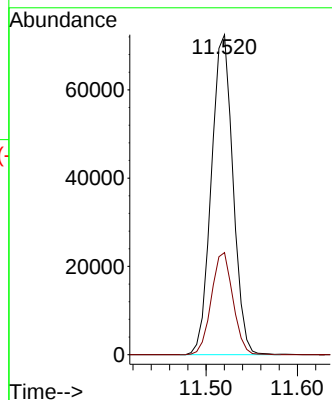
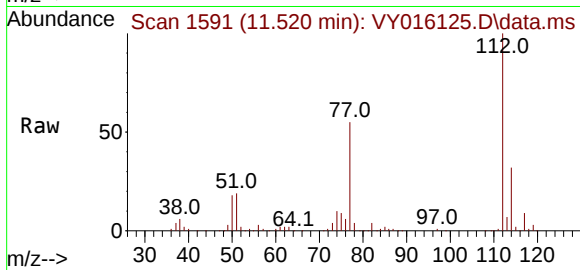
#65
Chlorobenzene
Concen: 19.722 ug/l
RT: 11.520 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion:112 Resp: 119362
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

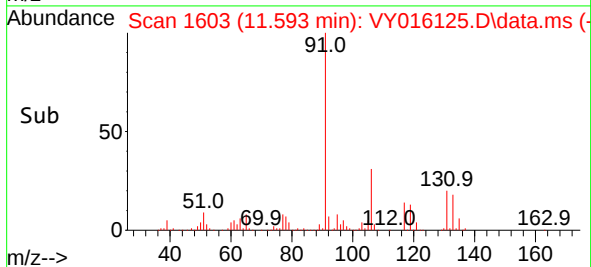
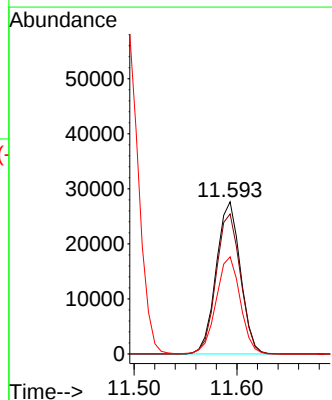
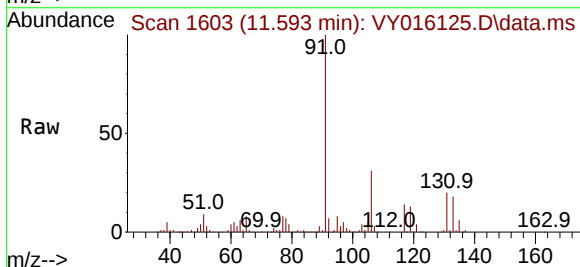
Manual Integrations
APPROVED

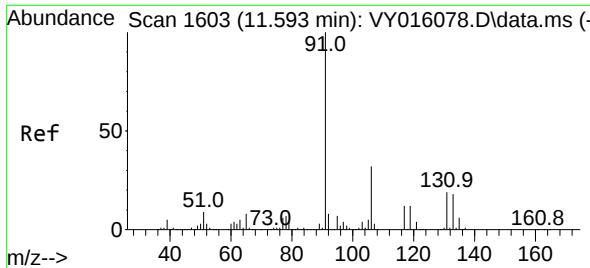
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.952 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion:131 Resp: 45096
Ion Ratio Lower Upper
131 100
133 92.9 47.5 142.6
119 63.9 31.6 94.7





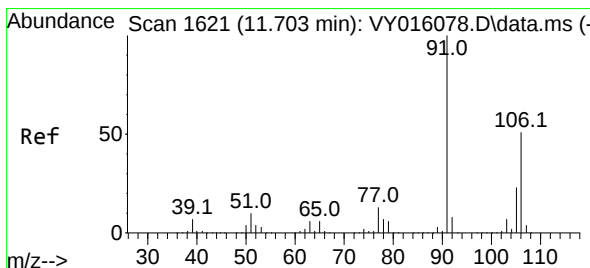
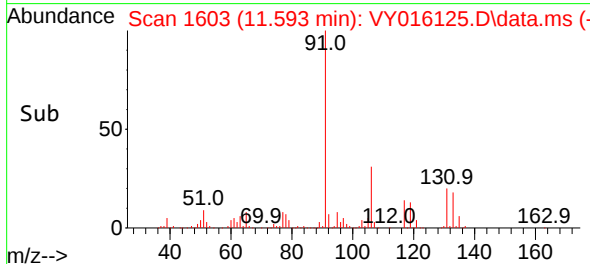
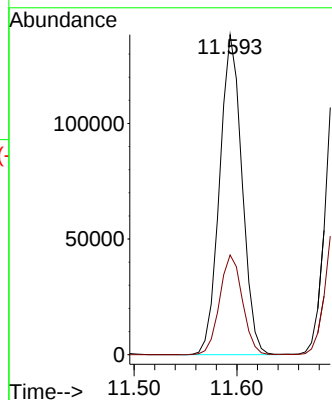
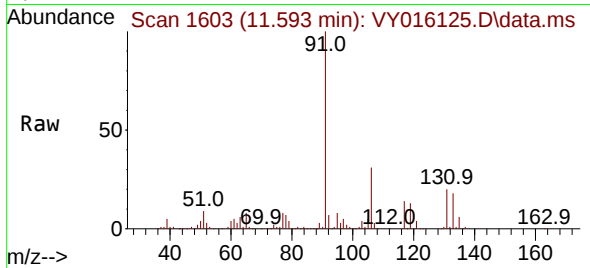
#67
Ethyl Benzene
Concen: 19.441 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Tgt Ion: 91 Resp: 20899
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

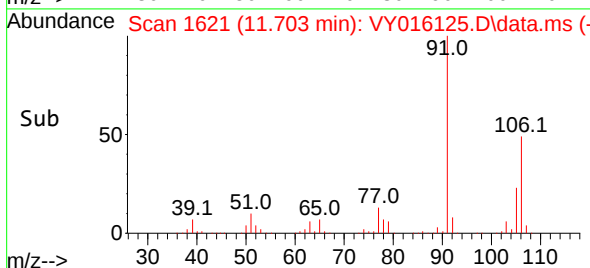
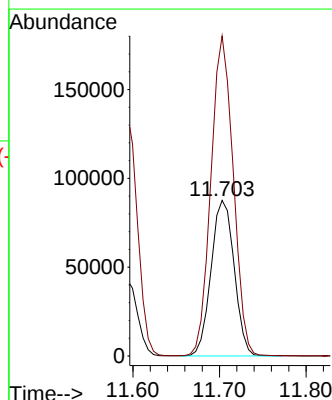
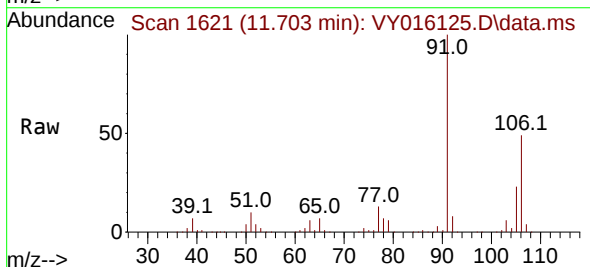
Manual Integrations
APPROVED

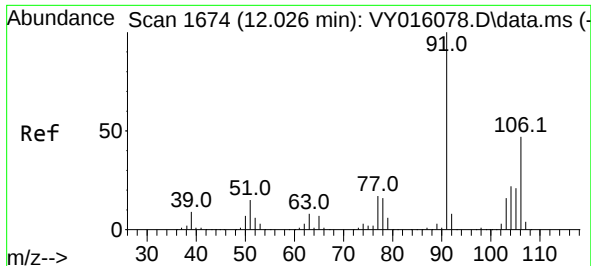
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#68
m/p-Xylenes
Concen: 39.034 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion:106 Resp: 162385
Ion Ratio Lower Upper
106 100
91 198.8 166.1 249.1





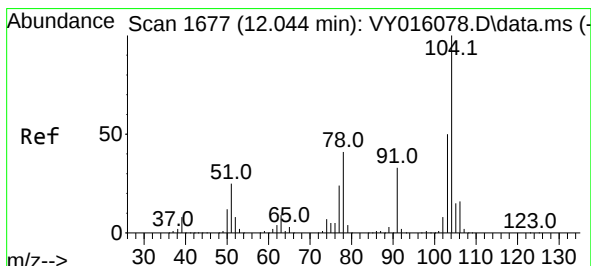
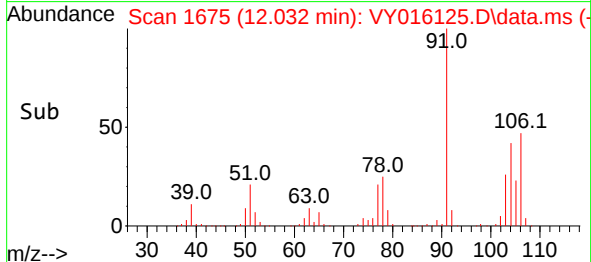
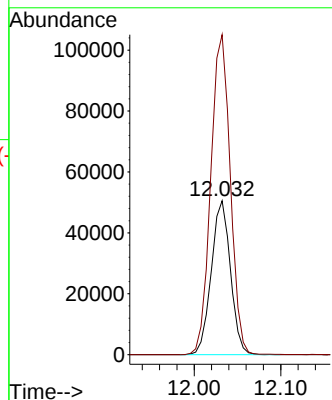
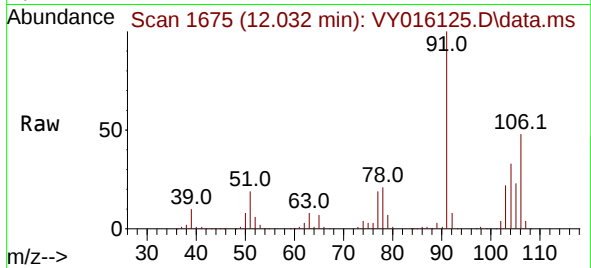
#69
o-Xylene
Concen: 19.506 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion:106 Resp: 7768
Ion Ratio Lower Upper
106 100
91 212.0 108.1 324.3

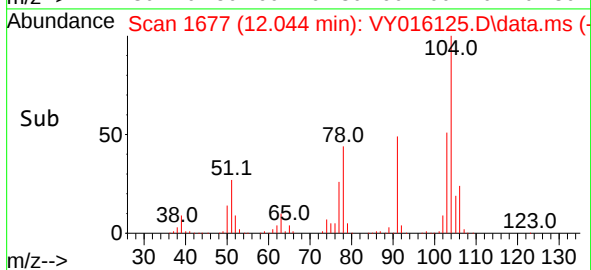
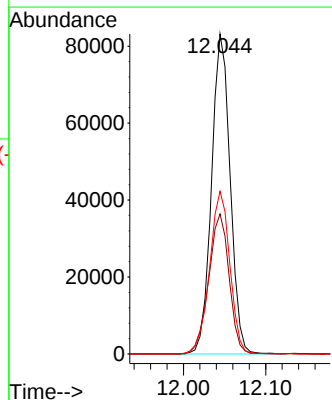
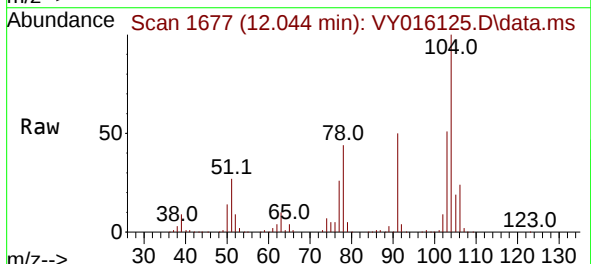
Manual Integrations
APPROVED

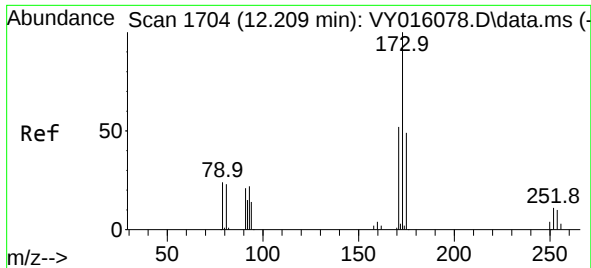
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#70
Styrene
Concen: 19.723 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

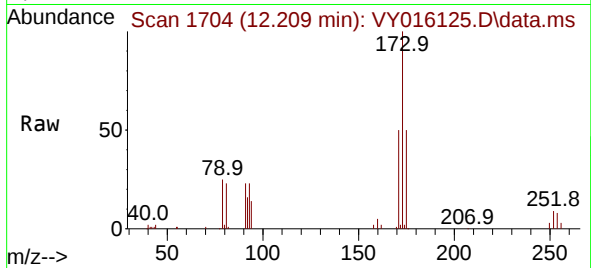
Tgt Ion:104 Resp: 130939
Ion Ratio Lower Upper
104 100
78 48.1 41.5 62.3
103 55.0 44.6 67.0





#71
Bromoform
Concen: 20.324 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

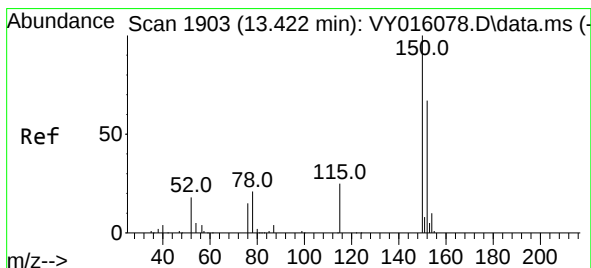
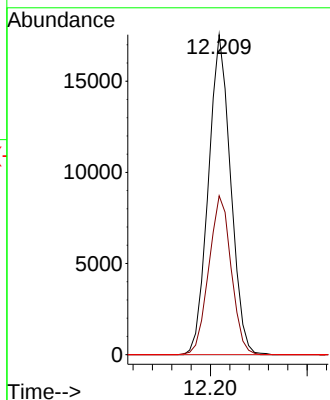
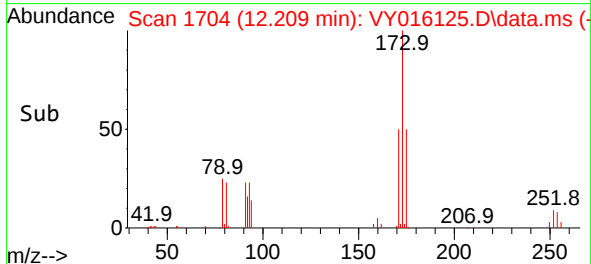
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01



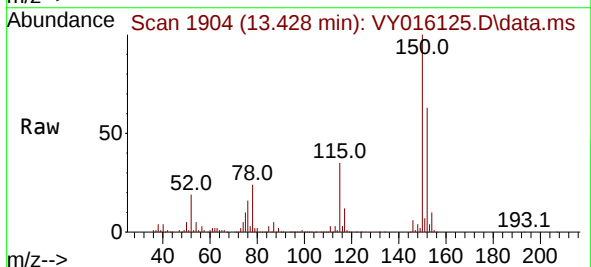
Tgt Ion:173 Resp: 27982
Ion Ratio Lower Upper
173 100
175 49.9 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

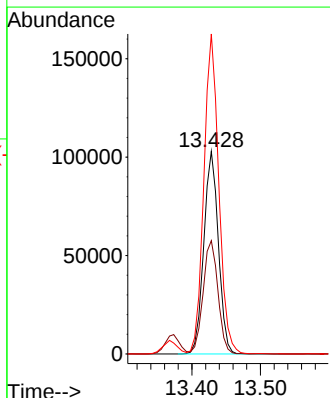
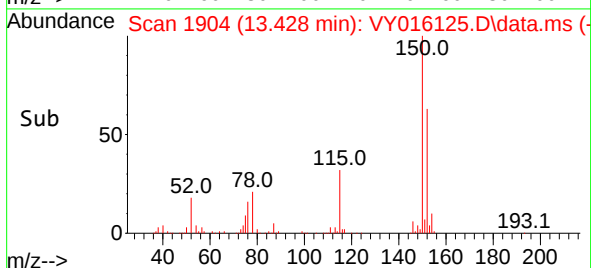
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

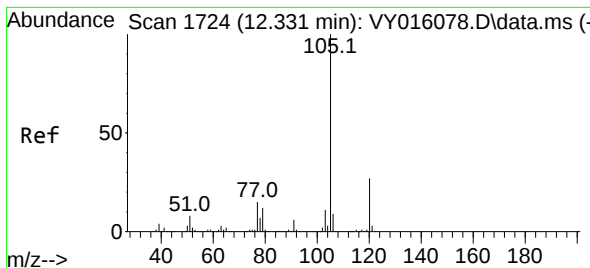


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28



Tgt Ion:152 Resp: 152391
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 161.5 0.0 348.8





#73

Isopropylbenzene

Concen: 19.450 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

Tgt Ion:105 Resp: 20859

Ion Ratio Lower Upper

105 100

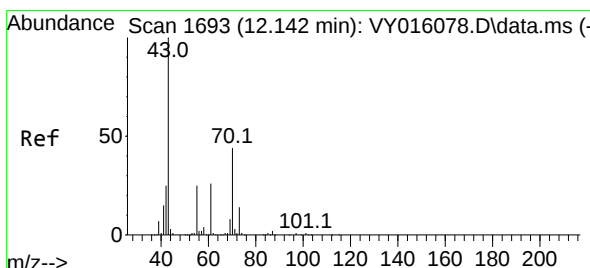
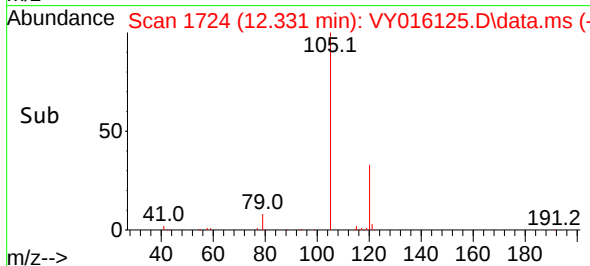
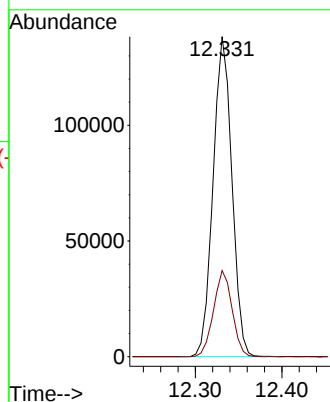
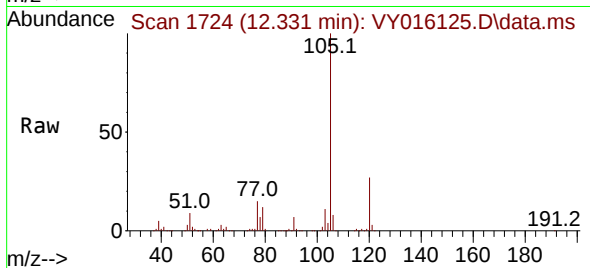
120 26.5 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#74

N-ethyl acetate

Concen: 20.158 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

Tgt Ion: 43 Resp: 52714

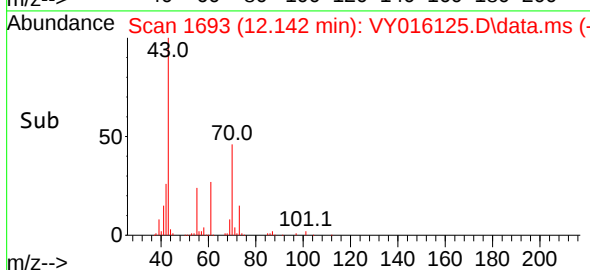
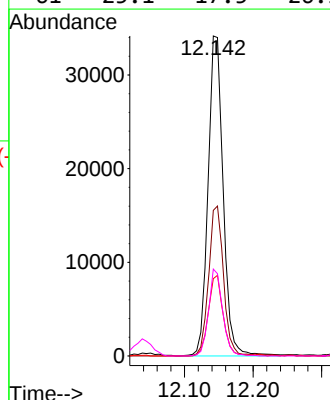
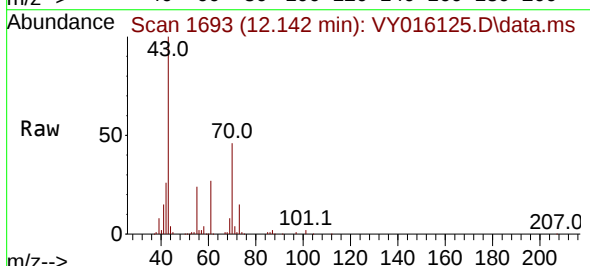
Ion Ratio Lower Upper

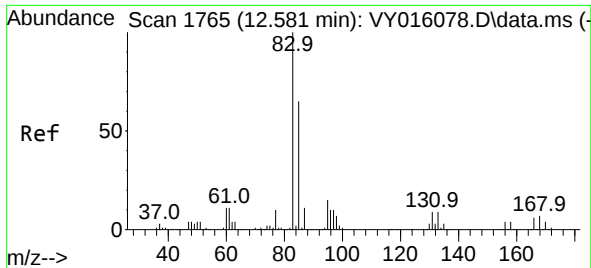
43 100

70 45.9 29.7 44.5

55 24.5 18.3 27.5

61 25.1 17.5 26.3





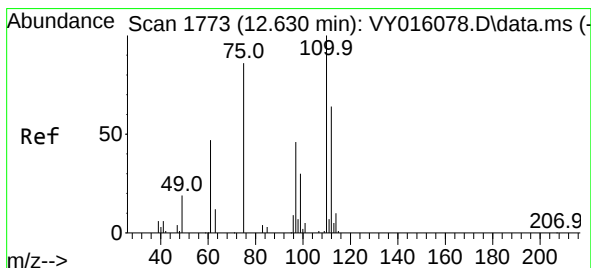
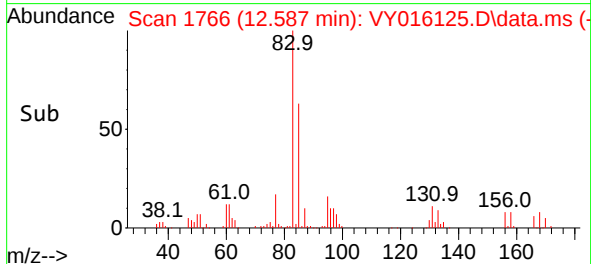
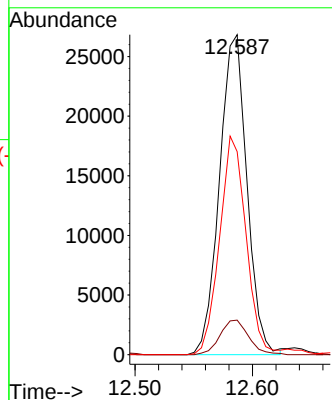
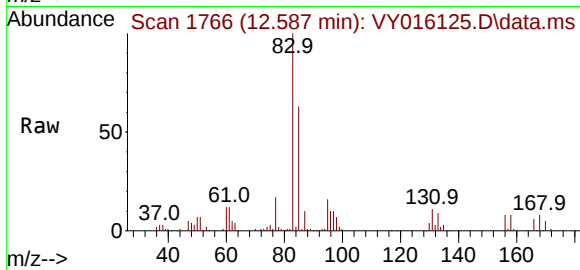
#75
1,1,2,2-Tetrachloroethane
Concen: 19.906 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion: 83 Resp: 4364
Ion Ratio Lower Upper
83 100
131 11.3 5.4 16.2
85 65.8 31.8 95.4

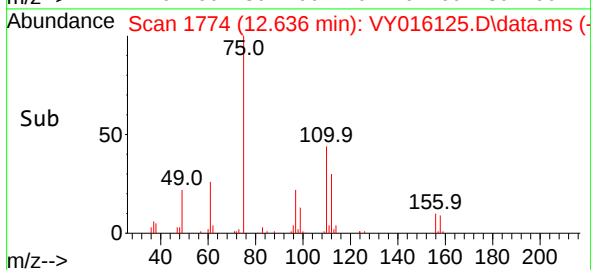
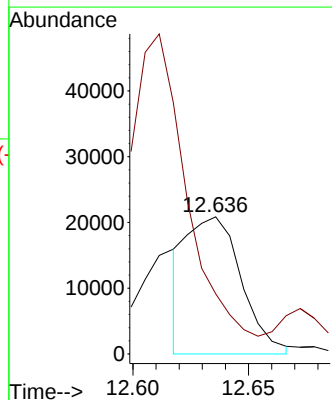
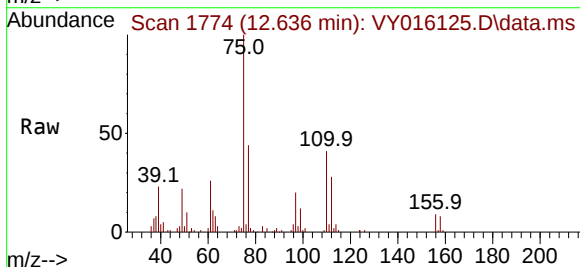
Manual Integrations
APPROVED

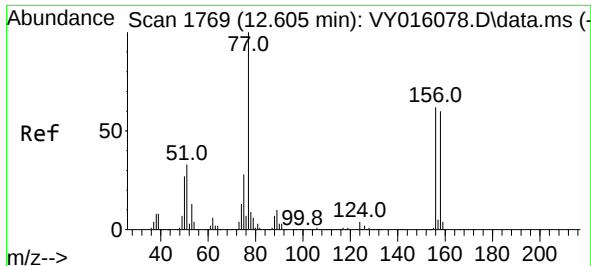
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#76
1,2,3-Trichloropropane
Concen: 22.172 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion: 75 Resp: 34496
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





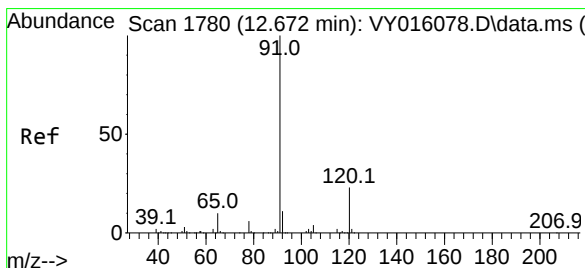
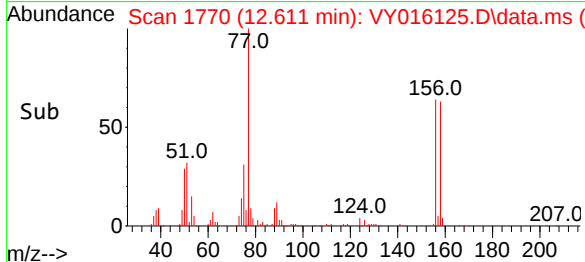
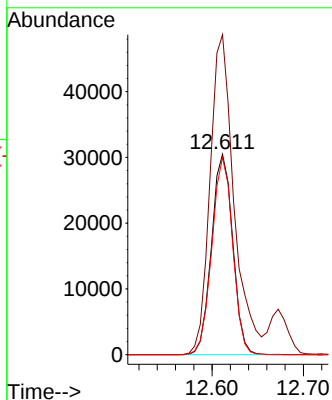
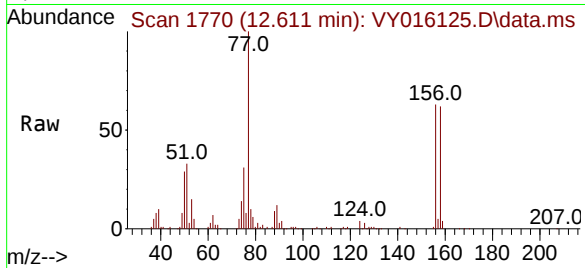
#77
Bromobenzene
Concen: 19.652 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion:156 Resp: 49188
Ion Ratio Lower Upper
156 100
77 180.0 92.8 278.6
158 96.7 48.4 145.3

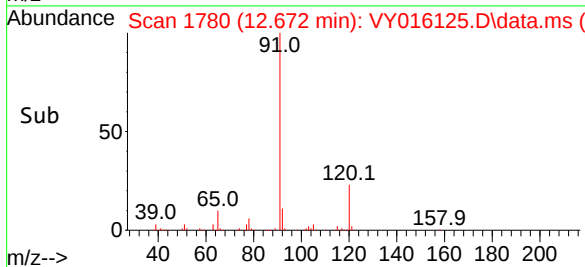
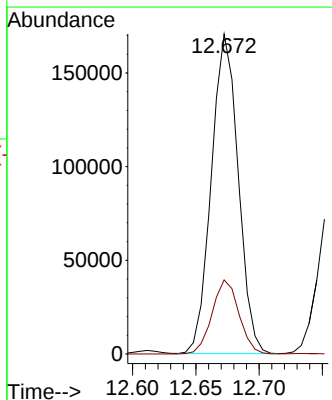
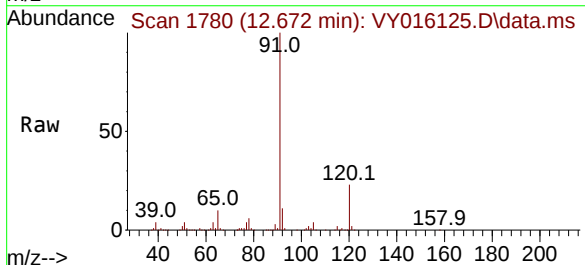
Manual Integrations
APPROVED

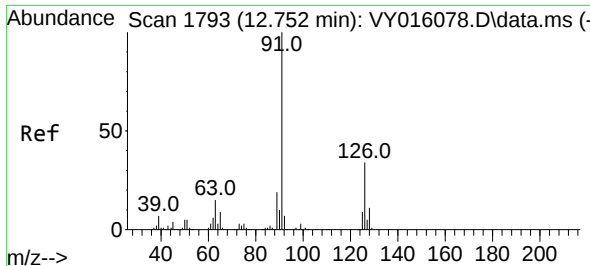
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#78
n-propylbenzene
Concen: 19.409 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion: 91 Resp: 252038
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





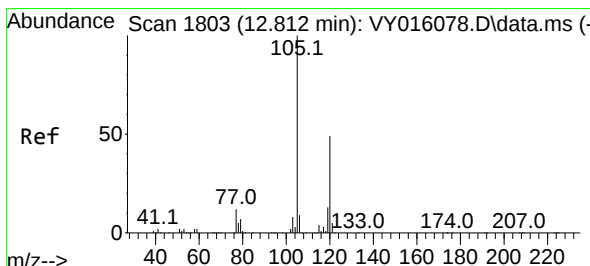
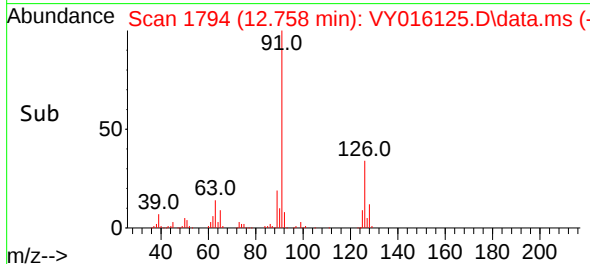
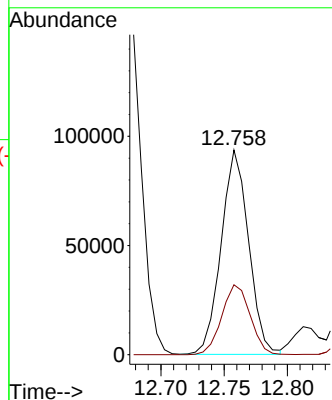
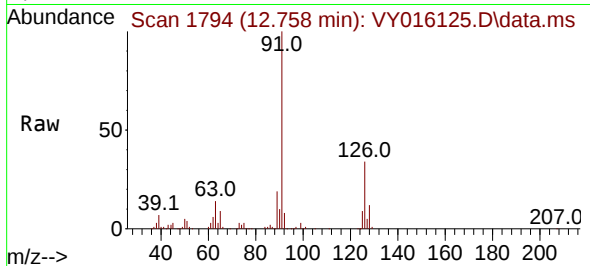
#79
2-Chlorotoluene
Concen: 19.436 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion: 91 Resp: 14135
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7

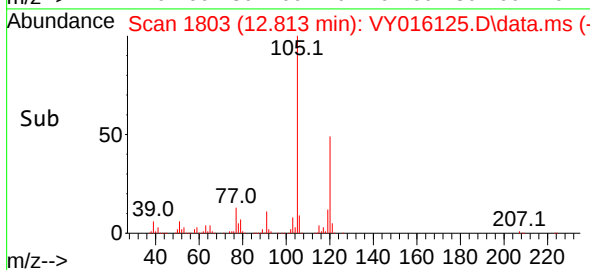
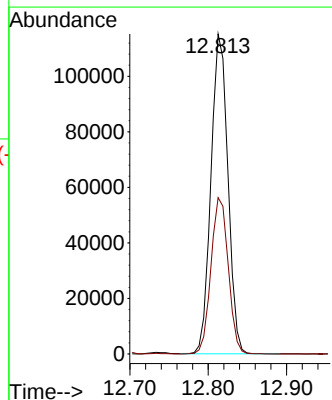
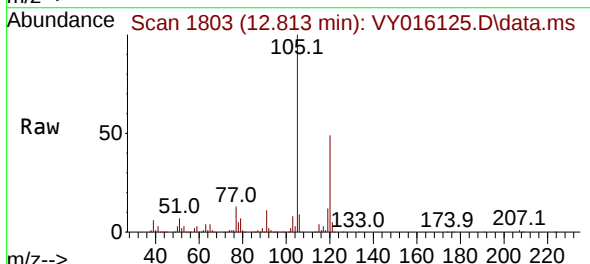
Manual Integrations
APPROVED

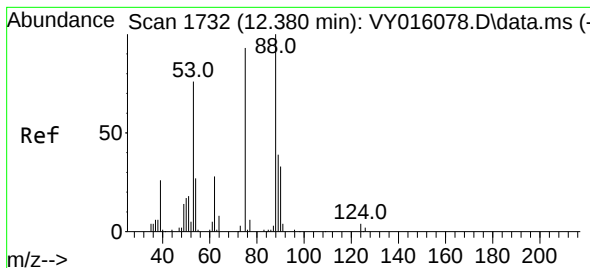
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.394 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion:105 Resp: 172691
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7





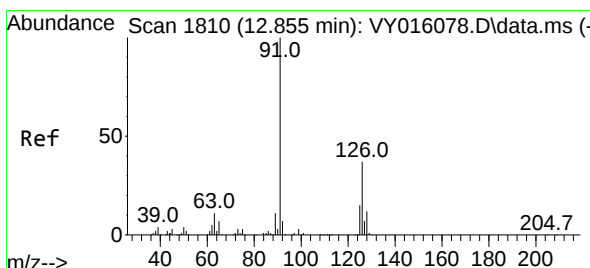
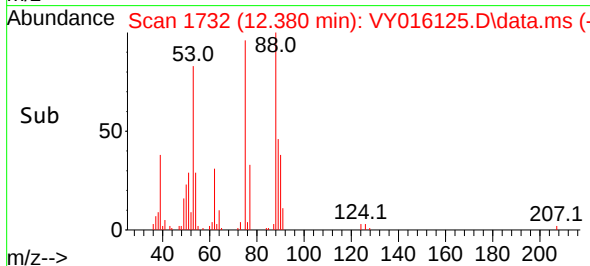
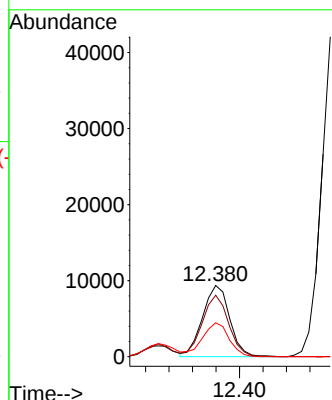
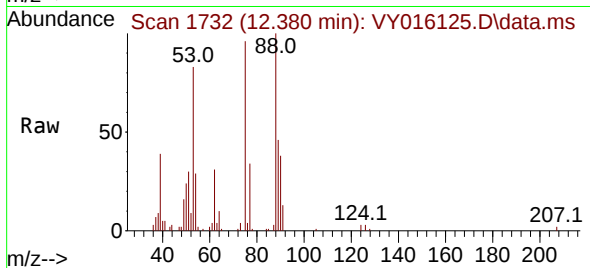
#81
trans-1,4-Dichloro-2-butene
Concen: 20.958 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Tgt Ion: 75 Resp: 1500
Ion Ratio Lower Upper
75 100
53 84.4 77.8 116.8
89 47.1 37.4 56.0

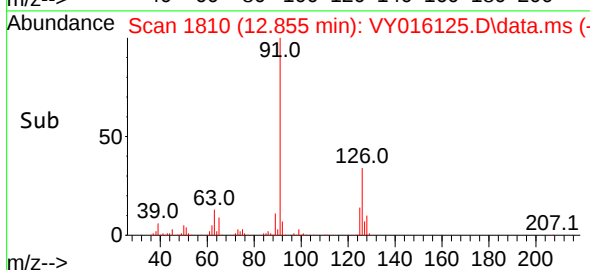
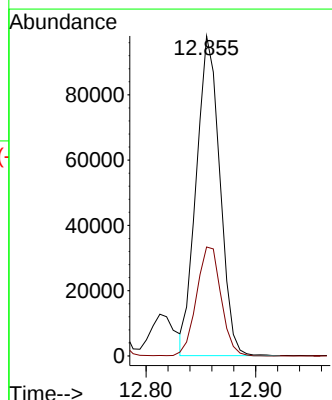
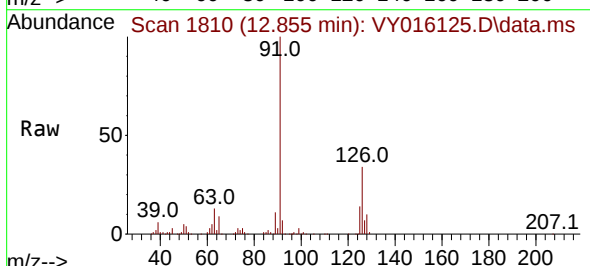
Manual Integrations
APPROVED

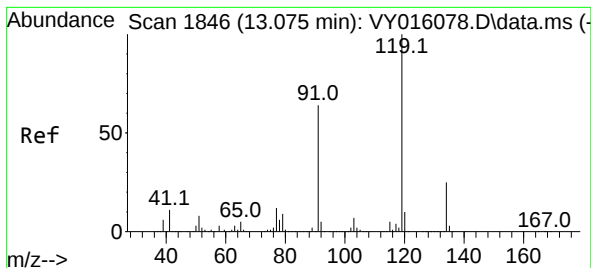
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#82
4-Chlorotoluene
Concen: 19.384 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion: 91 Resp: 146196
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.6





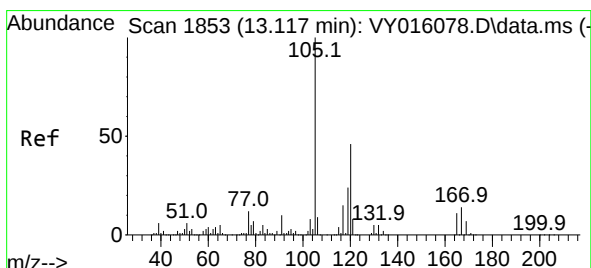
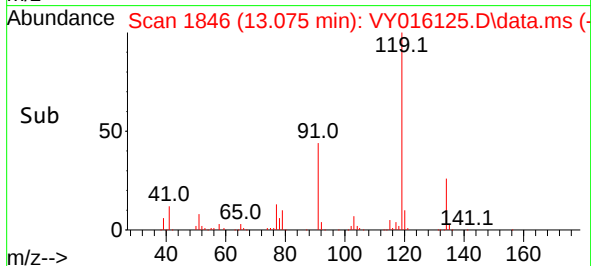
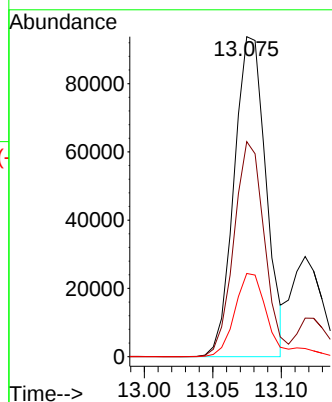
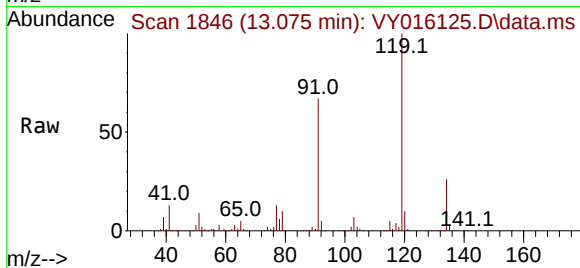
#83
tert-Butylbenzene
Concen: 19.160 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBSD01

Tgt Ion:119 Resp: 15165
Ion Ratio Lower Upper
119 100
91 64.8 32.9 98.6
134 27.5 13.0 38.9

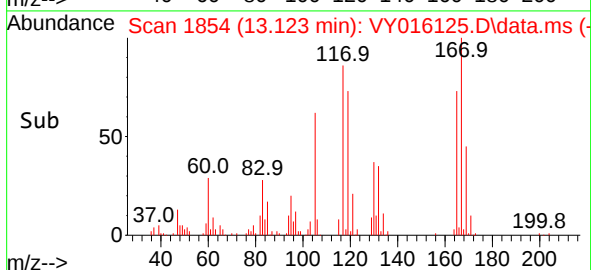
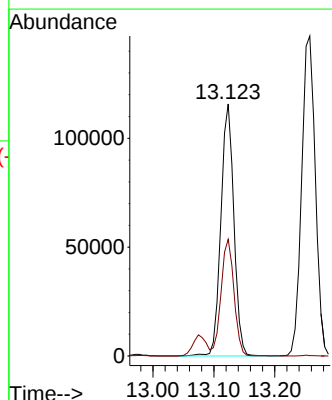
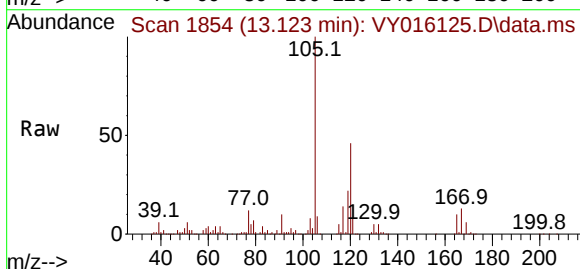
Manual Integrations
APPROVED

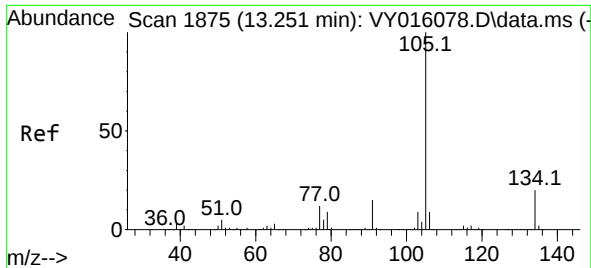
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.489 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion:105 Resp: 171384
Ion Ratio Lower Upper
105 100
120 46.0 22.2 66.6





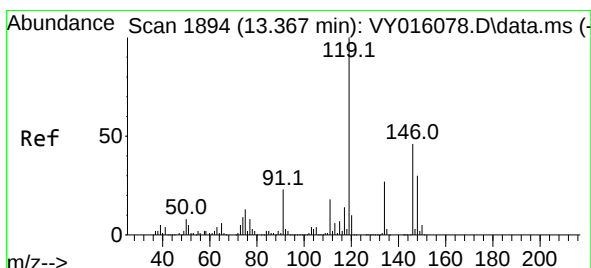
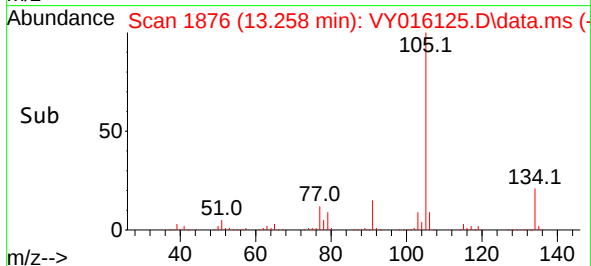
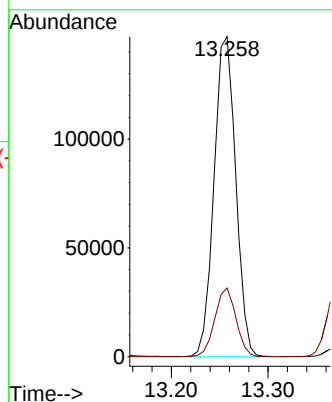
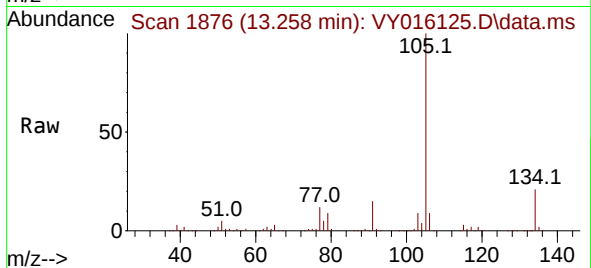
#85
 sec-Butylbenzene
 Concen: 19.438 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY016125.D
 Acq: 30 Oct 2023 11:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBSD01

Tgt Ion:105 Resp: 22914
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.6

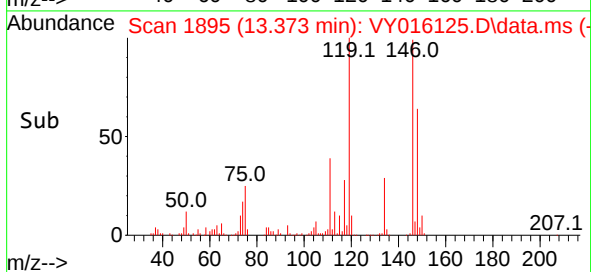
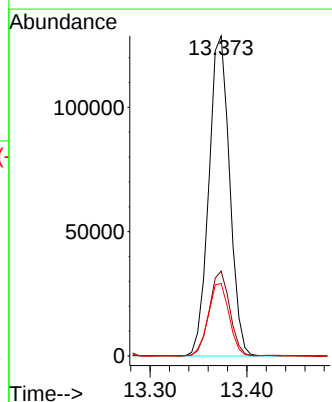
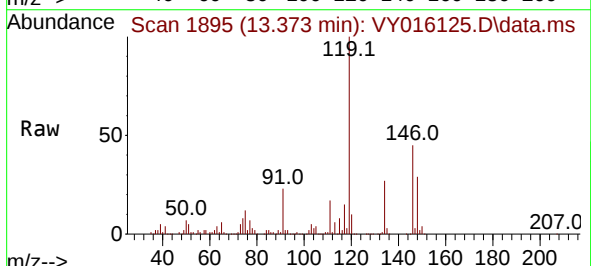
Manual Integrations
 APPROVED

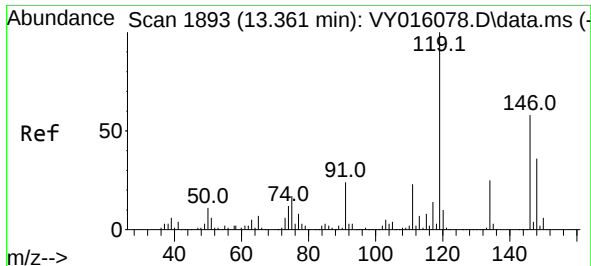
Reviewed By :John Carlone 10/31/2023
 Supervised By :Mahesh Dadoda 10/31/2023



#86
 p-Isopropyltoluene
 Concen: 19.544 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY016125.D
 Acq: 30 Oct 2023 11:28

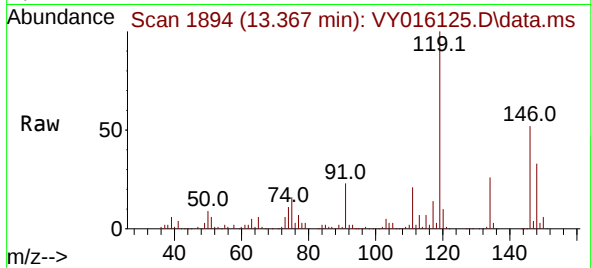
Tgt Ion:119 Resp: 192246
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.8 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 19.208 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

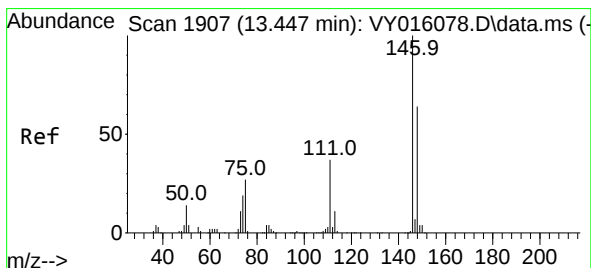
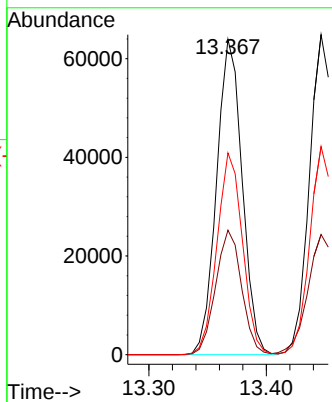
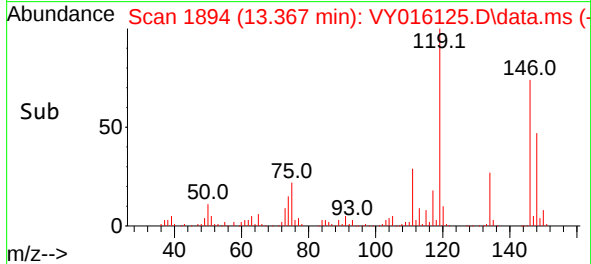
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01



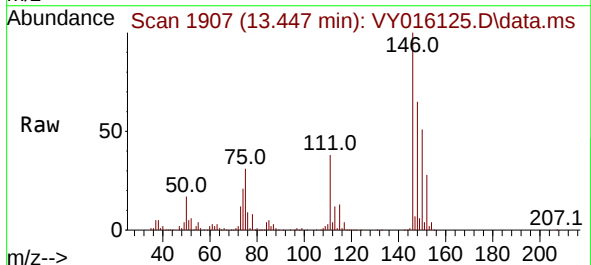
Tgt Ion:146 Resp: 97080
Ion Ratio Lower Upper
146 100
111 39.9 19.4 58.2
148 63.7 31.9 95.5

Manual Integrations
APPROVED

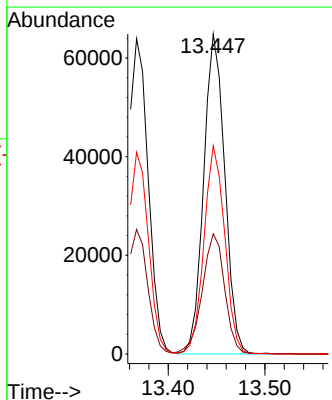
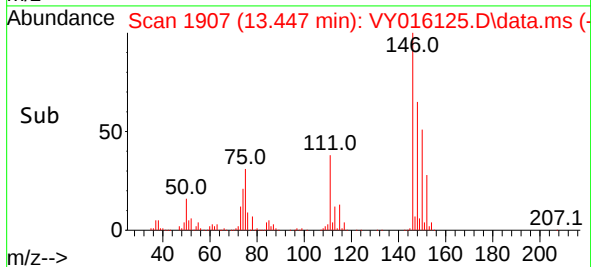
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

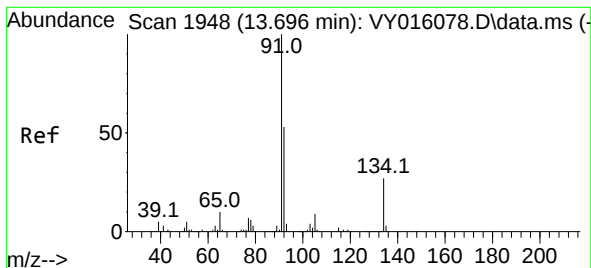


#88
1,4-Dichlorobenzene
Concen: 19.745 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28



Tgt Ion:146 Resp: 98628
Ion Ratio Lower Upper
146 100
111 39.9 18.9 56.7
148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 19.319 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBS01

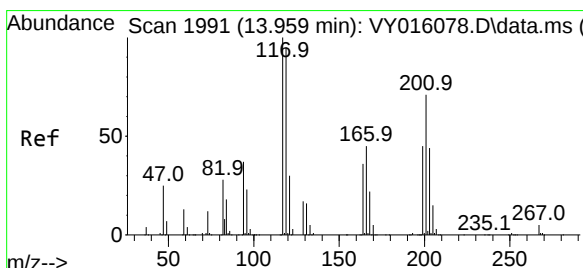
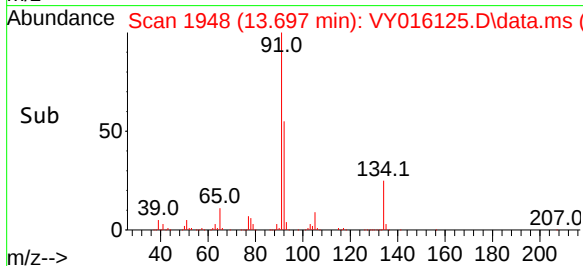
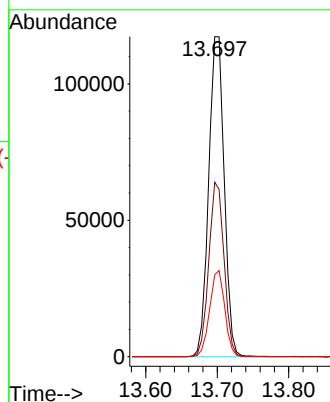
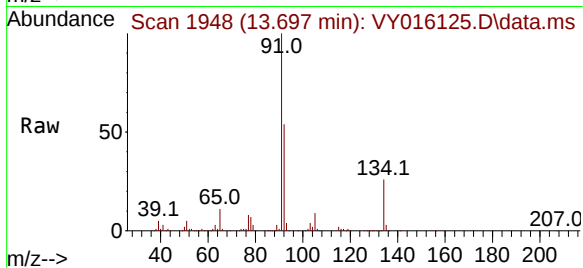
Tgt Ion: 91	Resp: 17727
Ion Ratio	Lower Upper
91	100
92	53.4 25.4 76.0
134	26.1 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/31/2023

Supervised By :Mahesh Dadoda 10/31/2023



#90

Hexachloroethane

Concen: 18.910 ug/l

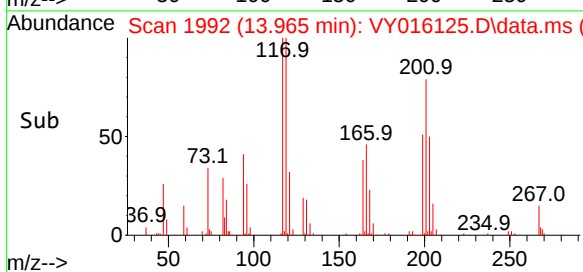
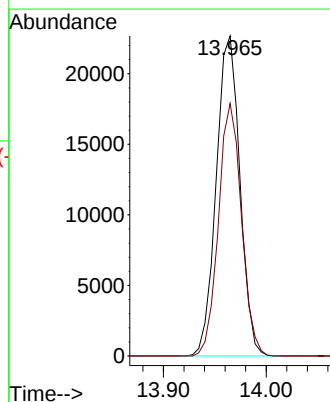
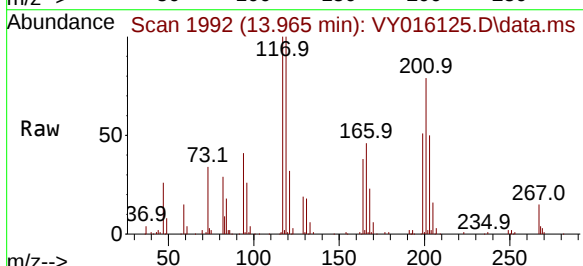
RT: 13.965 min Scan# 1992

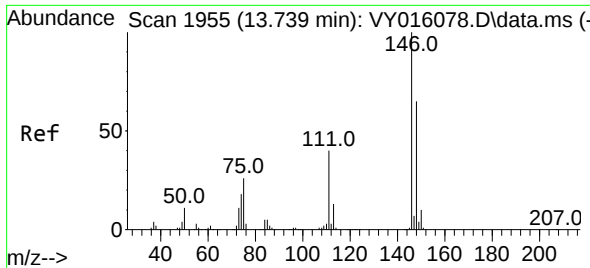
Delta R.T. 0.006 min

Lab File: VY016125.D

Acq: 30 Oct 2023 11:28

Tgt Ion:117	Resp: 36215
Ion Ratio	Lower Upper
117	100
201	76.6 41.6 124.8





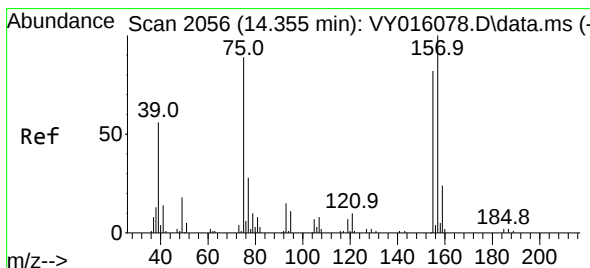
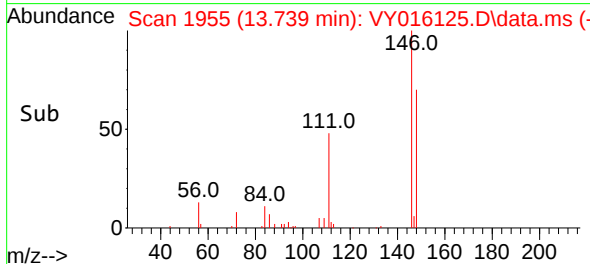
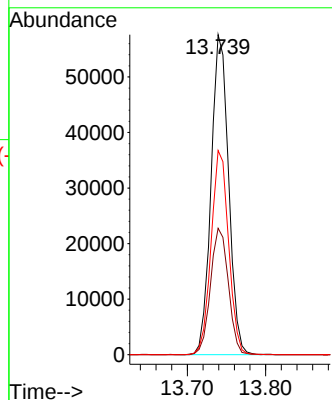
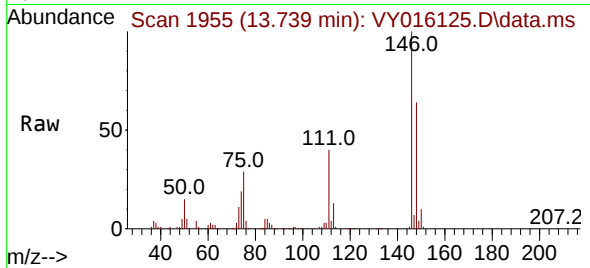
#91
1,2-Dichlorobenzene
Concen: 19.938 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01

Tgt Ion:146 Resp: 89220
Ion Ratio Lower Upper
146 100
111 40.4 19.7 59.0
148 63.8 32.0 96.2

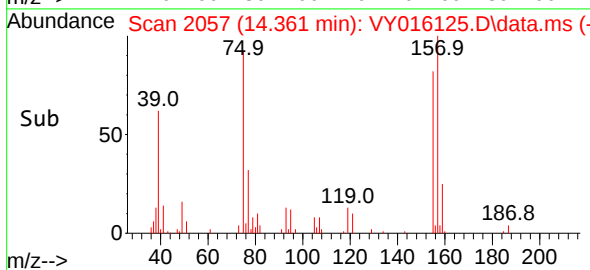
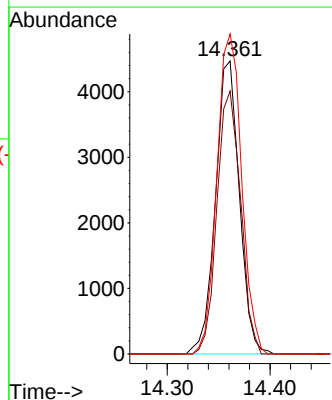
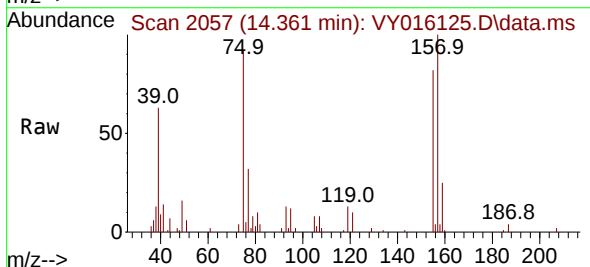
Manual Integrations
APPROVED

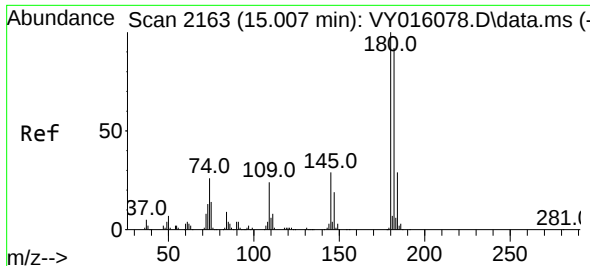
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.890 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

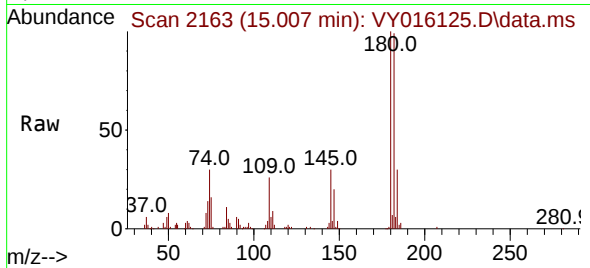
Tgt Ion: 75 Resp: 7190
Ion Ratio Lower Upper
75 100
155 88.9 41.5 124.6
157 113.4 51.8 155.5





#93
1,2,4-Trichlorobenzene
Concen: 20.042 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

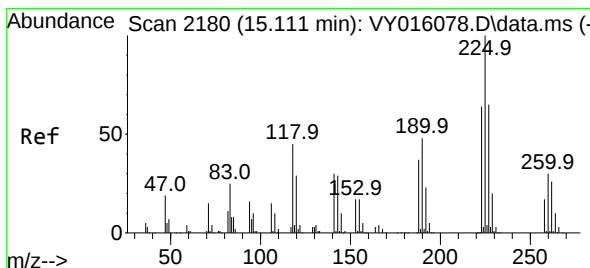
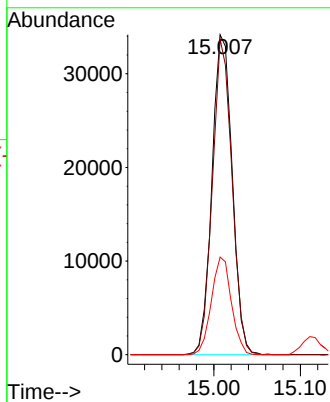
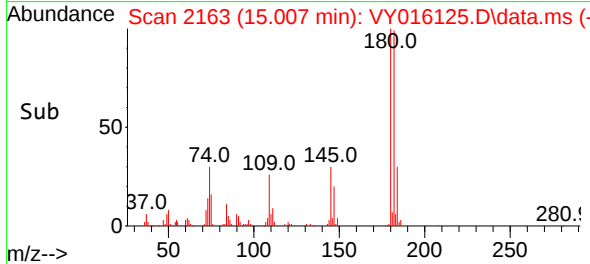
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01



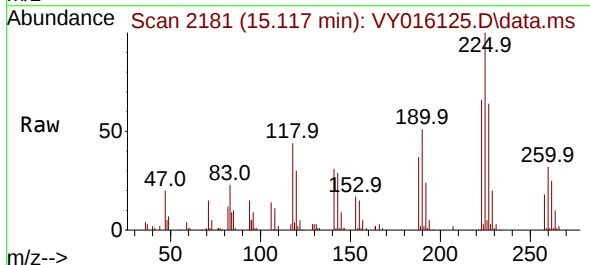
Tgt Ion:180 Resp: 55484
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.2
145 30.2 14.5 43.5

Manual Integrations
APPROVED

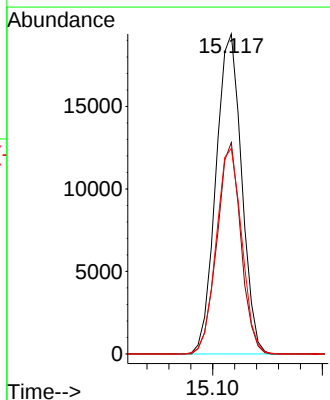
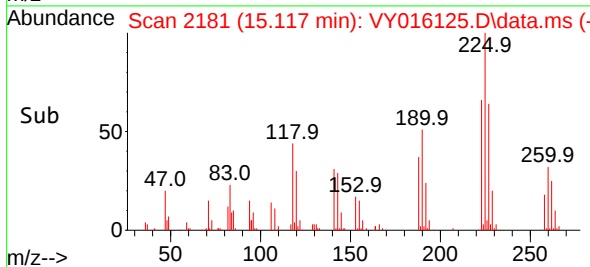
Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023

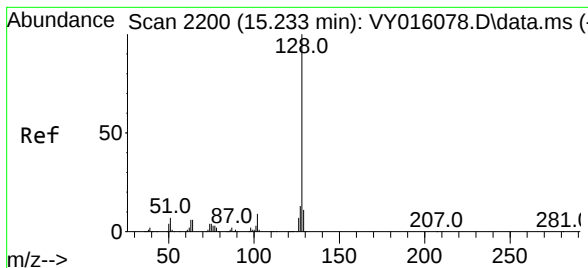


#94
Hexachlorobutadiene
Concen: 19.652 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28



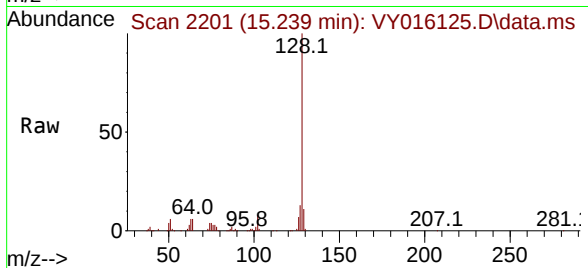
Tgt Ion:225 Resp: 31577
Ion Ratio Lower Upper
225 100
223 61.4 31.9 95.9
227 63.9 33.0 98.9





#95
Naphthalene
Concen: 21.546 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

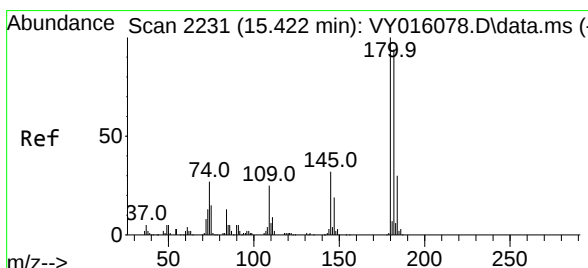
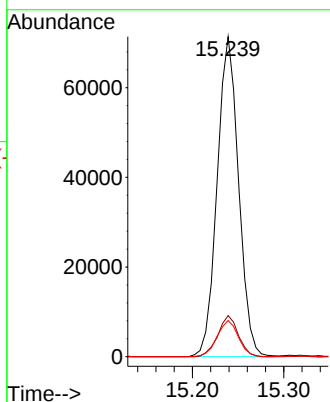
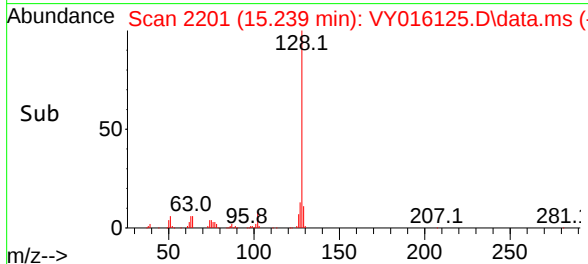
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBS01



Tgt Ion:128 Resp: 116328
Ion Ratio Lower Upper
128 100
127 12.3 10.8 16.2
129 11.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/31/2023
Supervised By :Mahesh Dadoda 10/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.864 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY016125.D
Acq: 30 Oct 2023 11:28

Tgt Ion:180 Resp: 47424
Ion Ratio Lower Upper
180 100
182 97.3 47.3 141.8
145 33.2 15.4 46.2

