

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016241.D
 Acq On : 06 Nov 2023 16:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

Quant Time: Nov 06 23:59:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	172724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	276378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	236248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74588	46.149	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.300%		
35) Dibromofluoromethane	7.728	113	75552	45.853	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.700%		
50) Toluene-d8	10.185	98	311405	47.668	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.340%		
62) 4-Bromofluorobenzene	12.489	95	104071	46.588	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57857	52.512	ug/l	97
3) Chloromethane	2.113	50	73317	48.062	ug/l	99
4) Vinyl Chloride	2.253	62	85758	54.468	ug/l	96
5) Bromomethane	2.656	94	54840	51.612	ug/l	96
6) Chloroethane	2.796	64	57866	52.205	ug/l	96
7) Trichlorofluoromethane	3.131	101	132129	55.588	ug/l	99
8) Diethyl Ether	3.534	74	40505	51.415	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.905	101	80955	54.063	ug/l	97
10) Methyl Iodide	4.100	142	86849	52.158	ug/l	98
11) Tert butyl alcohol	4.966	59	30282	250.768	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	73467	53.754	ug/l	88
13) Acrolein	3.735	56	24627	220.975	ug/l	99
14) Allyl chloride	4.491	41	110965	56.762	ug/l #	95
15) Acrylonitrile	5.167	53	82730	245.754	ug/l	98
16) Acetone	3.954	43	56118	214.827	ug/l	91
17) Carbon Disulfide	4.198	76	176710	51.788	ug/l	100
18) Methyl Acetate	4.478	43	64989	50.000	ug/l	91
19) Methyl tert-butyl Ether	5.228	73	202051	51.973	ug/l	99
20) Methylene Chloride	4.722	84	85685	52.261	ug/l	89
21) trans-1,2-Dichloroethene	5.228	96	84238	52.913	ug/l	95
22) Diisopropyl ether	6.125	45	258436	54.656	ug/l	90
23) Vinyl Acetate	6.070	43	592949	255.408	ug/l #	93
24) 1,1-Dichloroethane	6.027	63	155814	55.060	ug/l	96
25) 2-Butanone	6.990	43	106376	238.563	ug/l	91
26) 2,2-Dichloropropane	6.990	77	149410	55.851	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	101487	54.169	ug/l	92
28) Bromochloromethane	7.338	49	50743	47.917	ug/l	87
29) Tetrahydrofuran	7.356	42	69731	249.469	ug/l	90
30) Chloroform	7.515	83	164512	53.396	ug/l	98
31) Cyclohexane	7.795	56	127320	51.245	ug/l	93
32) 1,1,1-Trichloroethane	7.716	97	153055	54.169	ug/l	97
36) 1,1-Dichloropropene	7.923	75	123820	52.042	ug/l	97
37) Ethyl Acetate	7.082	43	50580	47.730	ug/l #	94
38) Carbon Tetrachloride	7.911	117	136654	57.974	ug/l	99
39) Methylcyclohexane	9.191	83	148478	52.281	ug/l	92
40) Benzene	8.167	78	354392	51.883	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	28935	47.040	ug/l	90
42) 1,2-Dichloroethane	8.246	62	94905	49.788	ug/l	93
43) Isopropyl Acetate	8.283	43	103251	49.257	ug/l	92
44) Trichloroethene	8.947	130	104553	52.305	ug/l	95
45) 1,2-Dichloropropane	9.222	63	88554	53.892	ug/l	95
46) Dibromomethane	9.313	93	45923	49.267	ug/l	97
47) Bromodichloromethane	9.502	83	125895	53.158	ug/l	97
48) Methyl methacrylate	9.301	41	46495	48.779	ug/l	88
49) 1,4-Dioxane	9.301	88	10126	901.740	ug/l #	57
51) 4-Methyl-2-Pentanone	10.075	43	257901	246.579	ug/l	91
52) Toluene	10.252	92	231966	52.408	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	120591	51.006	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	142899	51.510	ug/l	92
55) 1,1,2-Trichloroethane	10.654	97	66135	50.439	ug/l	95
56) Ethyl methacrylate	10.514	69	86300	50.681	ug/l #	85
57) 1,3-Dichloropropane	10.794	76	110630	49.563	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	198760	240.715	ug/l	94
59) 2-Hexanone	10.837	43	177620	247.821	ug/l	90
60) Dibromochloromethane	10.989	129	84293	51.244	ug/l	99
61) 1,2-Dibromoethane	11.093	107	61478	49.295	ug/l	98
64) Tetrachloroethene	10.727	164	102481	48.768	ug/l	99
65) Chlorobenzene	11.520	112	245828	52.374	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	93720	53.909	ug/l	98
67) Ethyl Benzene	11.599	91	453463	54.014	ug/l	99
68) m/p-Xylenes	11.709	106	343880	106.003	ug/l	95
69) o-Xylene	12.038	106	165702	53.498	ug/l	96
70) Styrene	12.050	104	273052	53.029	ug/l	97
71) Bromoform	12.215	173	49936	51.777	ug/l #	98
73) Isopropylbenzene	12.337	105	447407	54.836	ug/l	100
74) N-amyl acetate	12.148	43	89458	50.456	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.587	83	68094	52.449	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	51352m	50.135	ug/l	
77) Bromobenzene	12.617	156	96659	52.320	ug/l	96
78) n-propylbenzene	12.678	91	530992	55.048	ug/l	99
79) 2-Chlorotoluene	12.764	91	288784	53.677	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	359345	54.363	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	24542	51.951	ug/l	91
82) 4-Chlorotoluene	12.861	91	297987	53.938	ug/l	100
83) tert-Butylbenzene	13.081	119	326717	55.240	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	351839	53.792	ug/l	98
85) sec-Butylbenzene	13.257	105	481141	55.426	ug/l	100
86) p-Isopropyltoluene	13.373	119	396743	55.145	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	192601	52.713	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	187229	51.846	ug/l	99
89) n-Butylbenzene	13.702	91	362863	54.890	ug/l	96
90) Hexachloroethane	13.965	117	74195	59.843	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	164011	51.953	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10225	44.007	ug/l	86
93) 1,2,4-Trichlorobenzene	15.013	180	97197	49.884	ug/l	99
94) Hexachlorobutadiene	15.117	225	55506	52.131	ug/l	97
95) Naphthalene	15.239	128	205482	54.284	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	78163	46.960	ug/l	98

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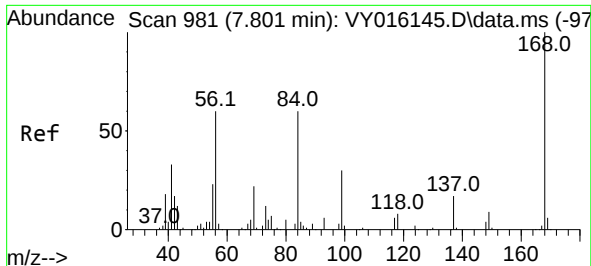
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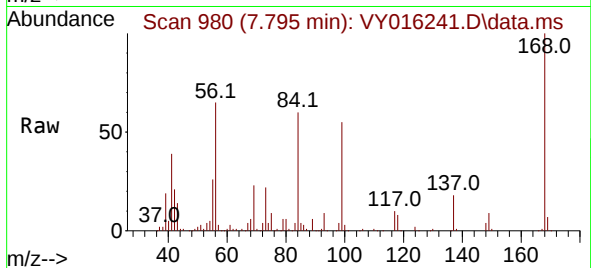
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
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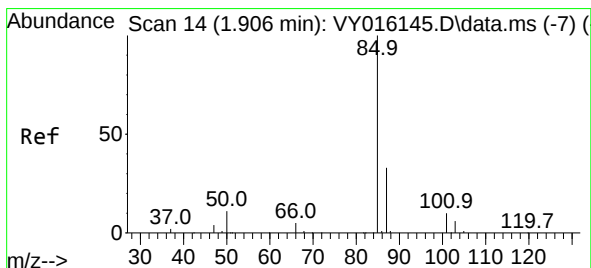
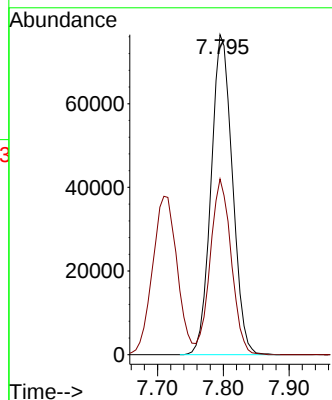
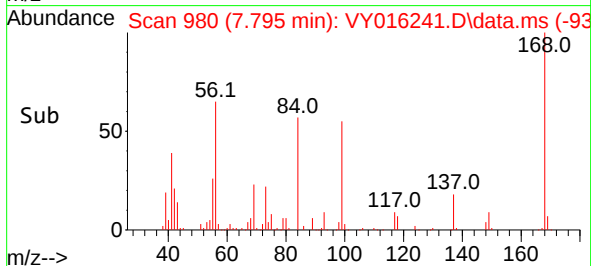
Instrument :
MSVOA_Y
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Tgt Ion:168 Resp: 172724
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0

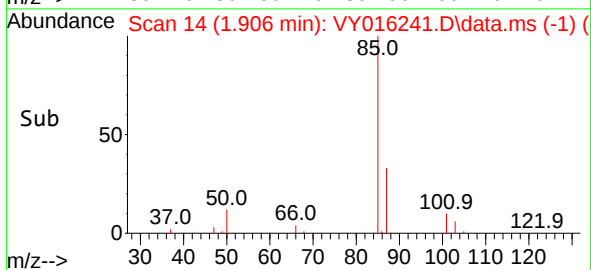
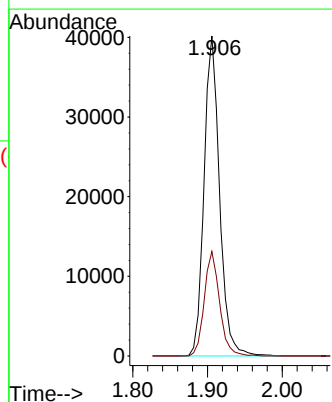
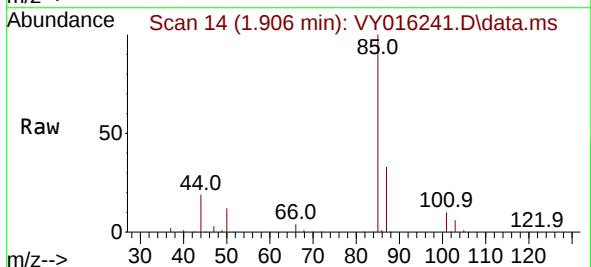
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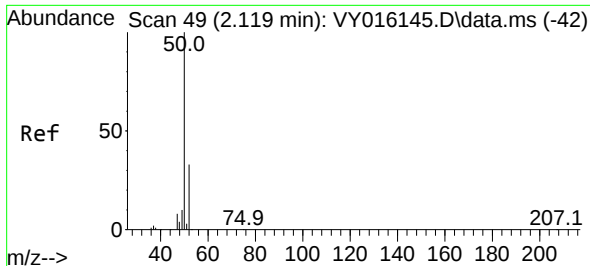
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#2
Dichlorodifluoromethane
Concen: 52.512 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

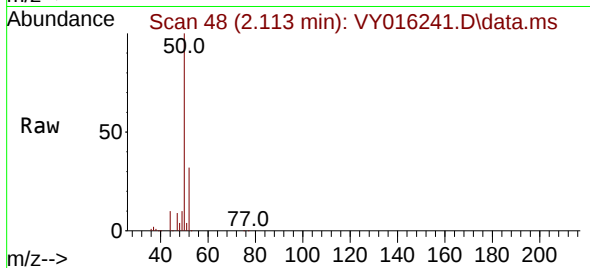
Tgt Ion: 85 Resp: 57857
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8





#3
Chloromethane
Concen: 48.062 ug/l
RT: 2.113 min Scan# 49
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

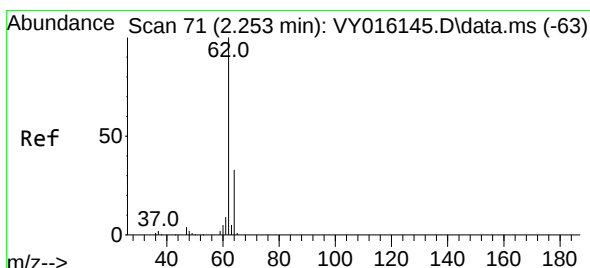
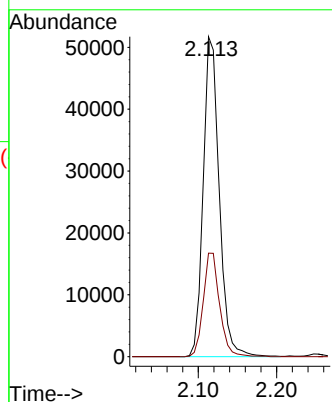
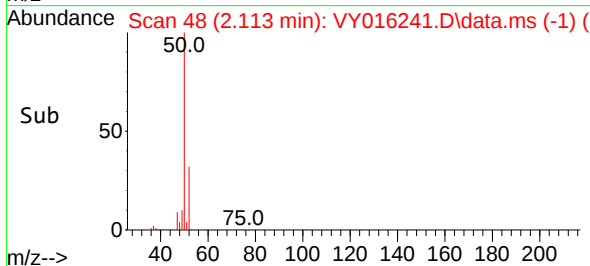
Instrument :
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Tgt Ion: 50 Resp: 7331
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2

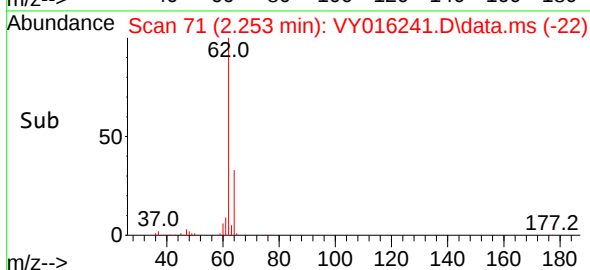
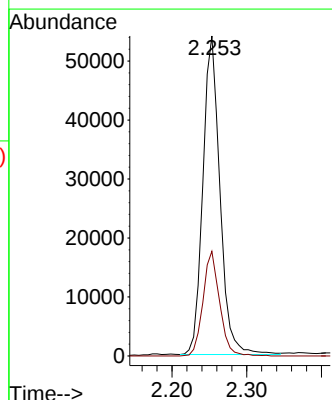
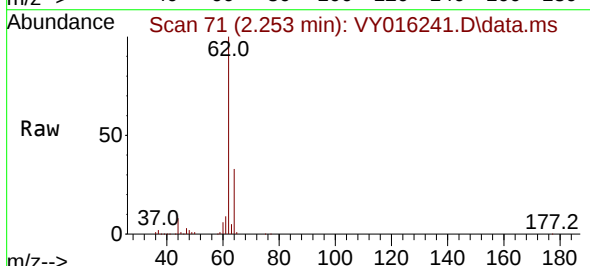
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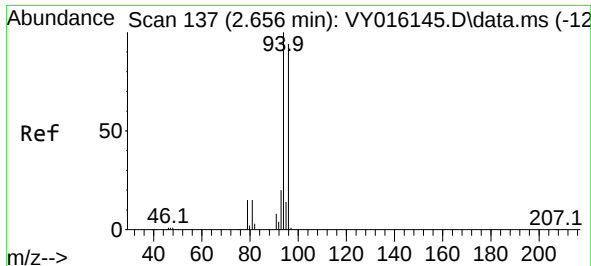
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#4
Vinyl Chloride
Concen: 54.468 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

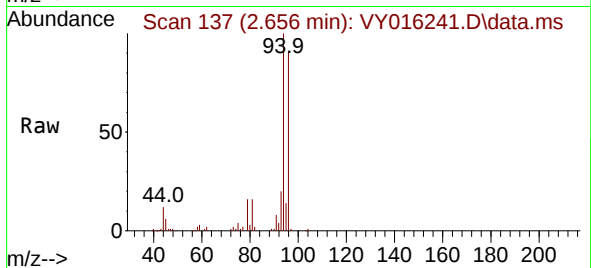
Tgt Ion: 62 Resp: 85758
Ion Ratio Lower Upper
62 100
64 32.8 24.3 36.5





#5
Bromomethane
Concen: 51.612 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016241.D
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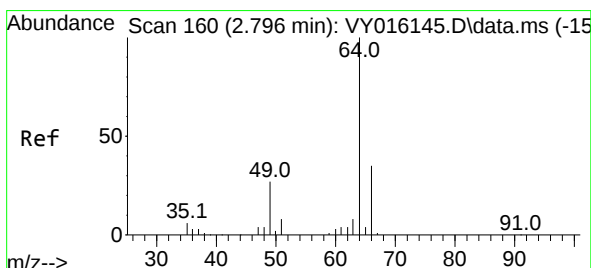
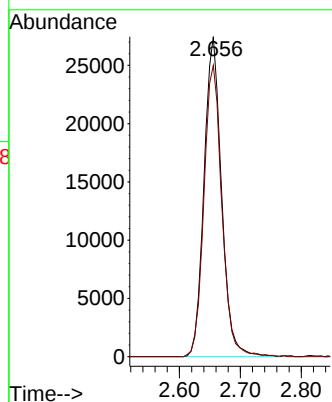
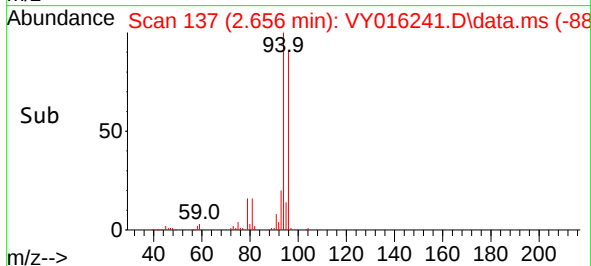
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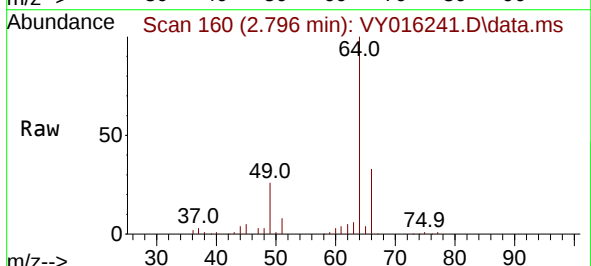
Tgt Ion: 94 Resp: 54840
Ion Ratio Lower Upper
94 100
96 91.0 75.8 113.6

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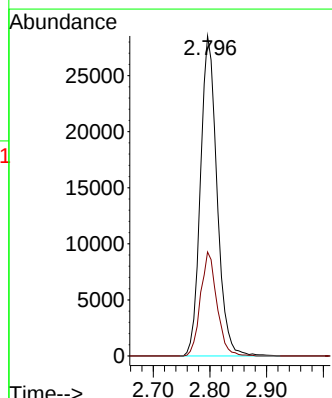
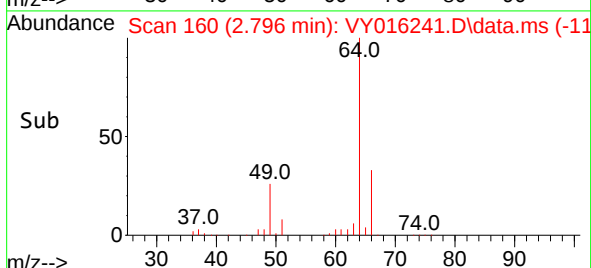
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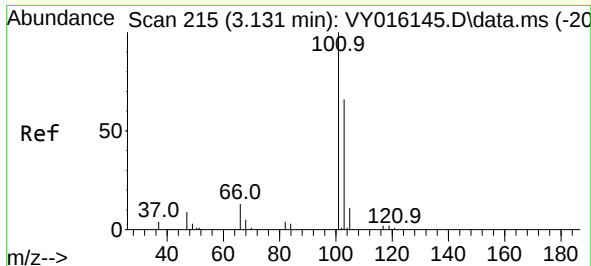


#6
Chloroethane
Concen: 52.205 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY016241.D
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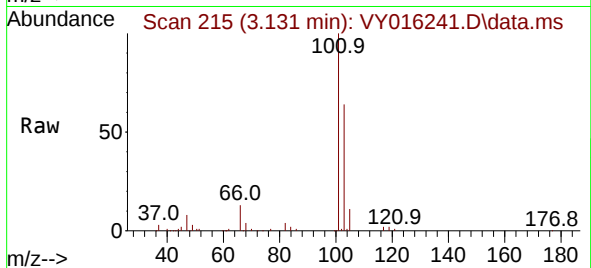
Tgt Ion: 64 Resp: 57866
Ion Ratio Lower Upper
64 100
66 32.5 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 55.588 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY016241.D
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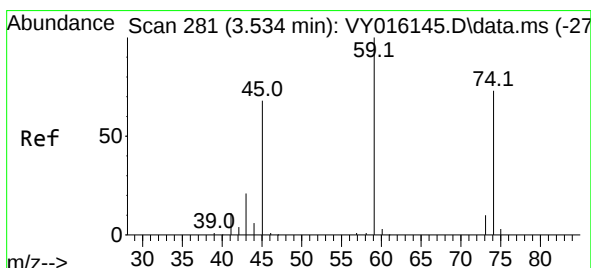
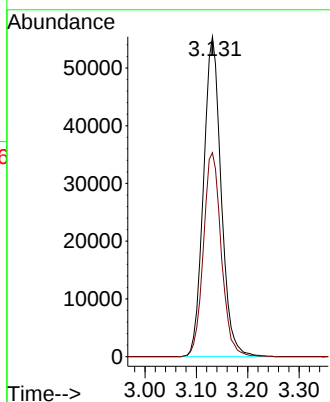
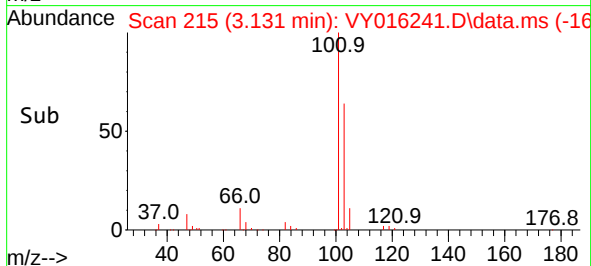
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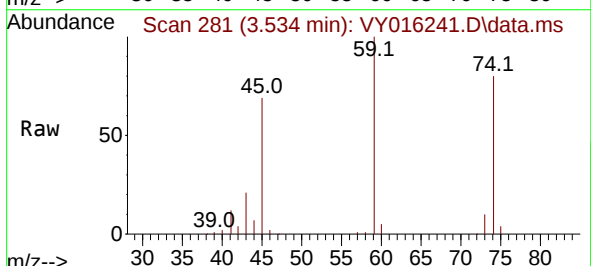
Tgt Ion:101 Resp: 132129
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.0

Manual Integrations
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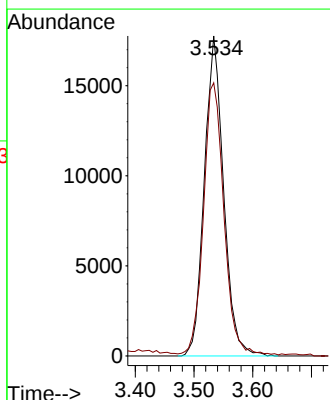
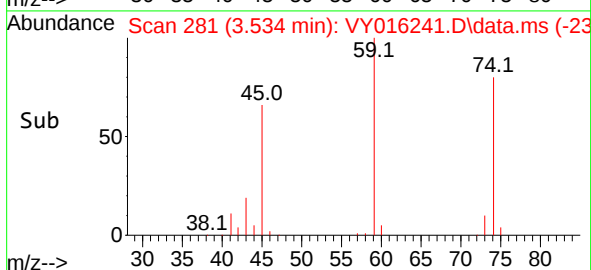
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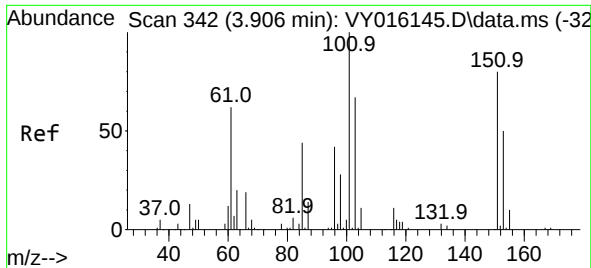


#8
 Diethyl Ether
 Concen: 51.415 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.000 min
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 Acq: 06 Nov 2023 16:54



Tgt Ion: 74 Resp: 40505
 Ion Ratio Lower Upper
 74 100
 45 89.8 51.5 154.5





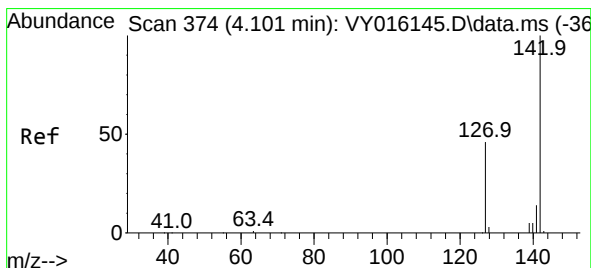
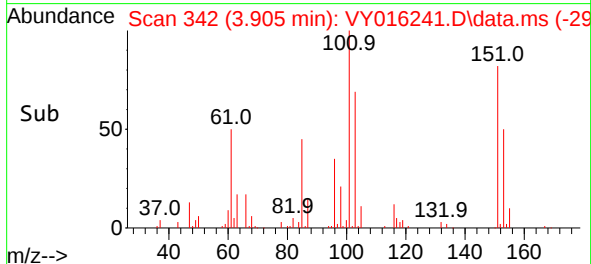
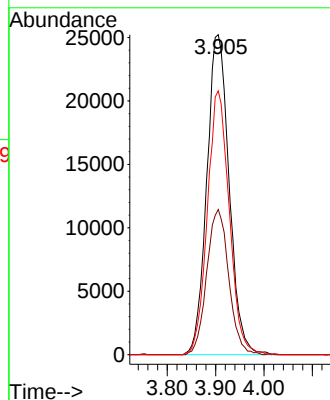
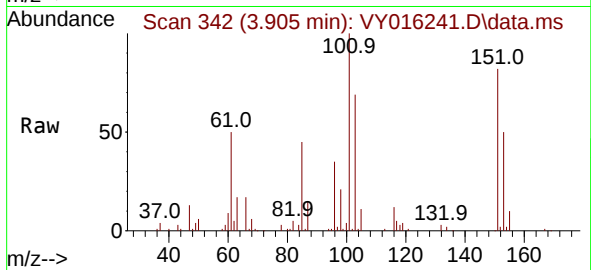
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.063 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 8095
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 80.7 67.0 100.6

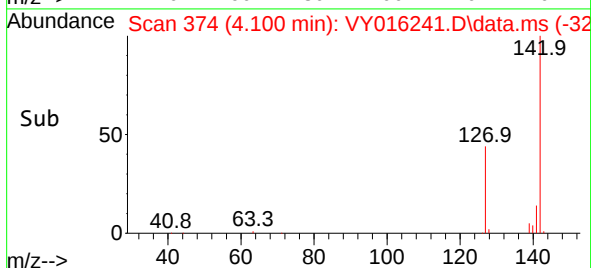
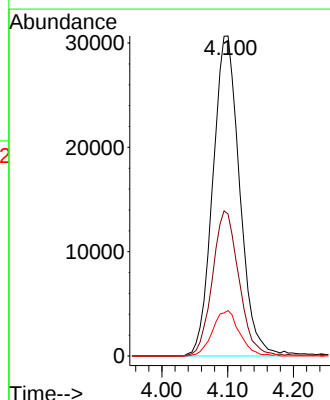
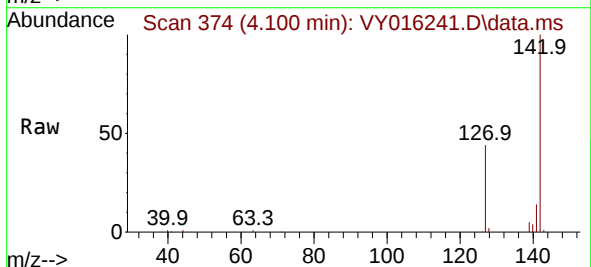
Manual Integrations
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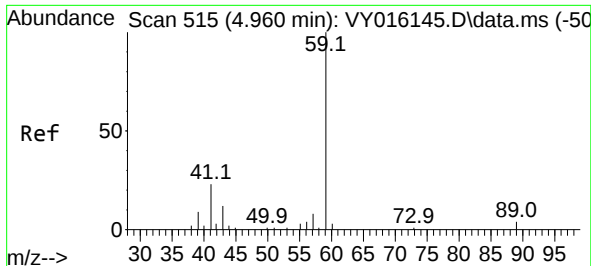
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#10
Methyl Iodide
Concen: 52.158 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Tgt Ion:142 Resp: 86849
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 250.768 ug/l

RT: 4.966 min Scan# 515

Delta R.T. 0.006 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 3028

Ion Ratio Lower Upper

59 100

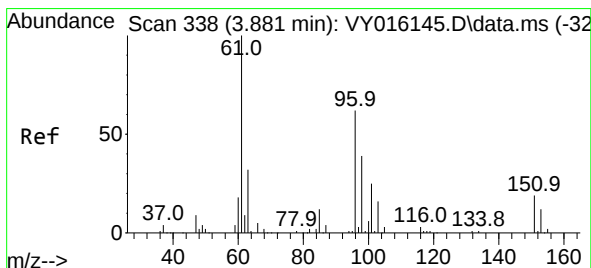
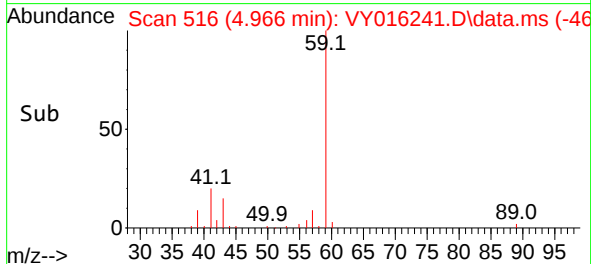
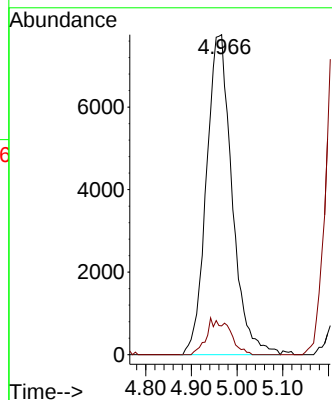
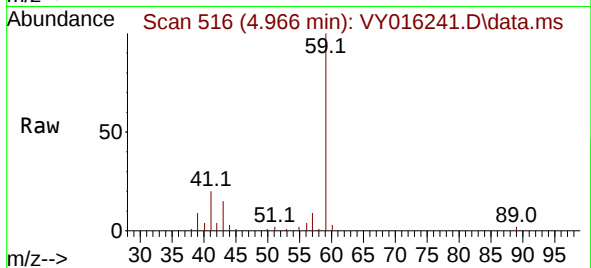
57 0.0 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#12

1,1-Dichloroethene

Concen: 53.754 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

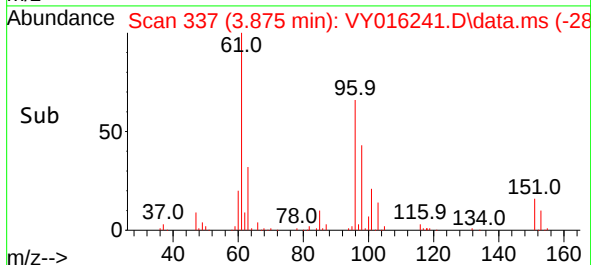
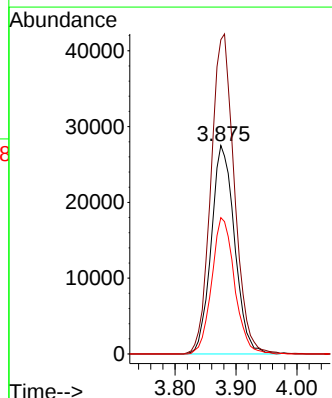
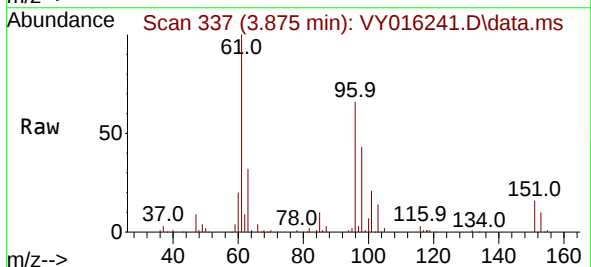
Tgt Ion: 96 Resp: 73467

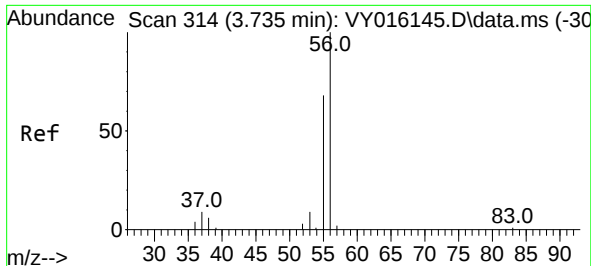
Ion Ratio Lower Upper

96 100

61 150.8 136.4 204.6

98 65.4 49.4 74.2





#13

Acrolein

Concen: 220.975 ug/l

RT: 3.735 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 2462

Ion Ratio Lower Upper

56 100

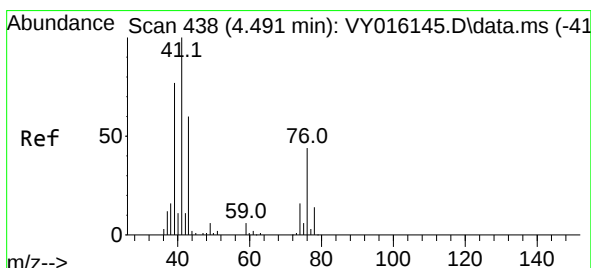
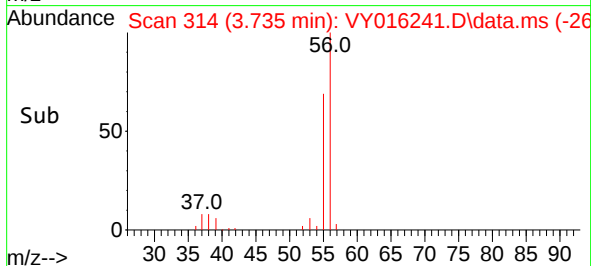
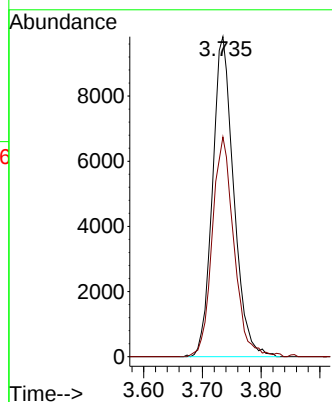
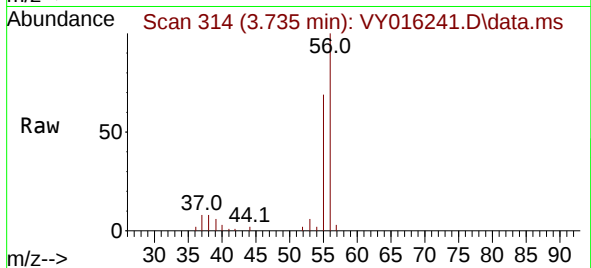
55 70.2 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :John Carbone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#14

Allyl chloride

Concen: 56.762 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

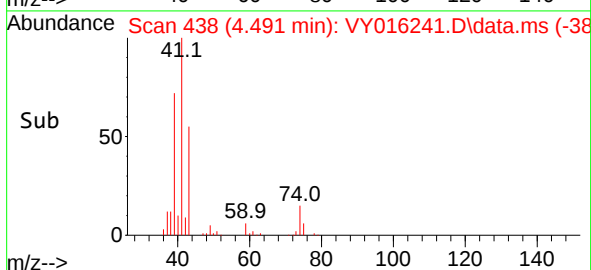
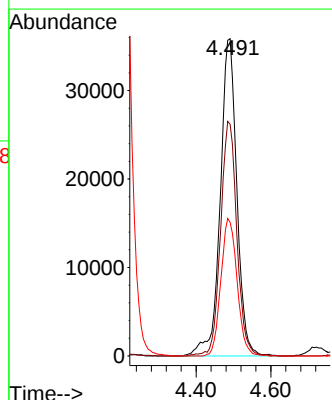
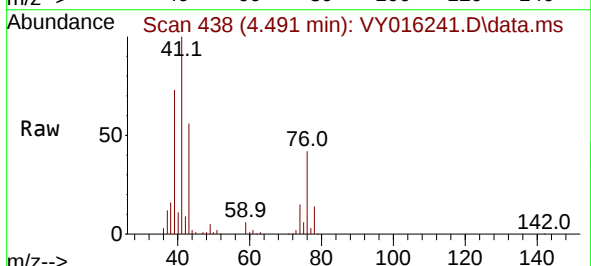
Tgt Ion: 41 Resp: 110965

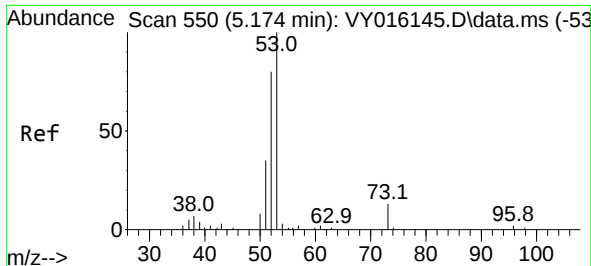
Ion Ratio Lower Upper

41 100

39 72.3 58.0 87.0

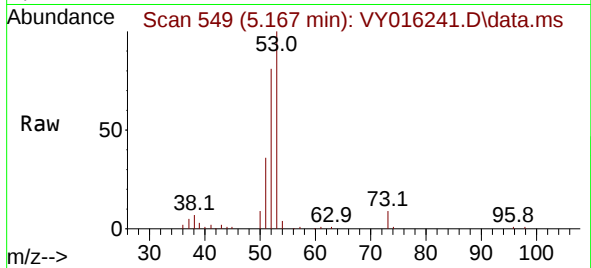
76 42.1 27.4 41.2#





#15
Acrylonitrile
Concen: 245.754 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

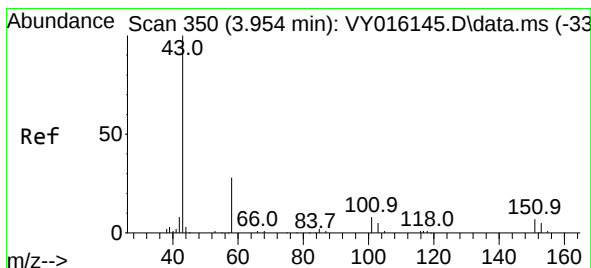
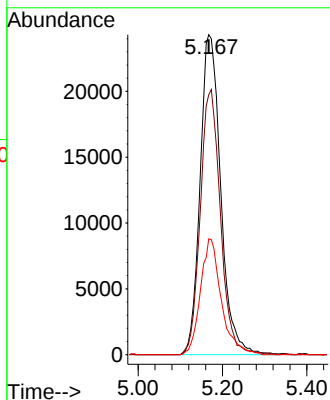
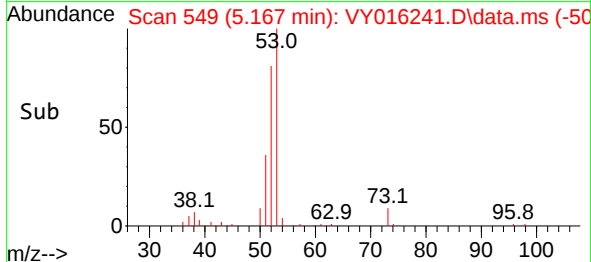
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 82730
Ion Ratio Lower Upper
53 100
52 81.1 66.9 100.3
51 36.7 29.8 44.6

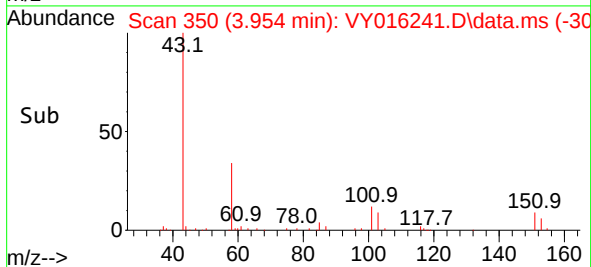
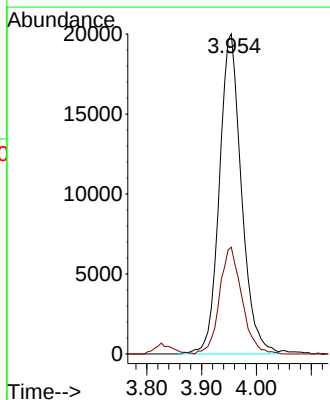
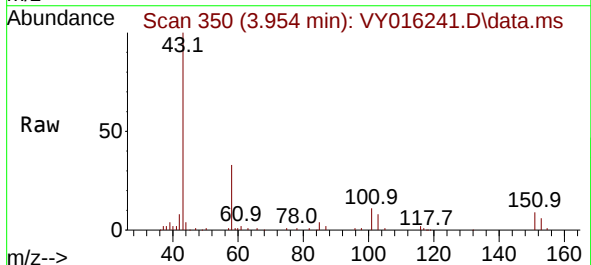
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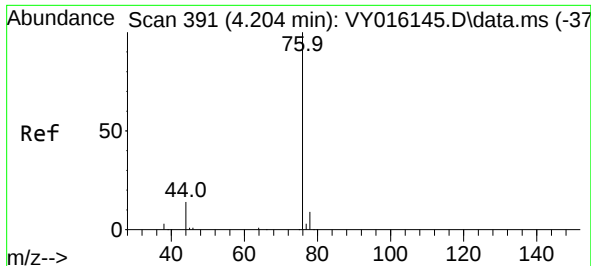
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#16
Acetone
Concen: 214.827 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Tgt Ion: 43 Resp: 56118
Ion Ratio Lower Upper
43 100
58 33.0 22.7 34.1





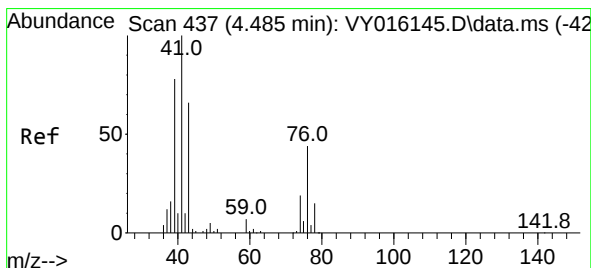
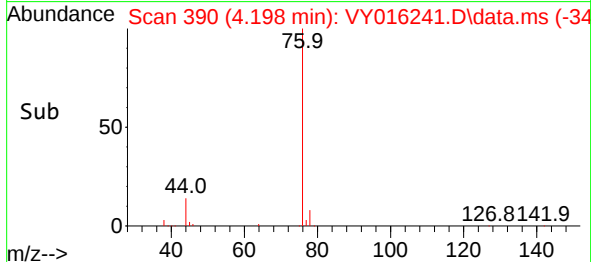
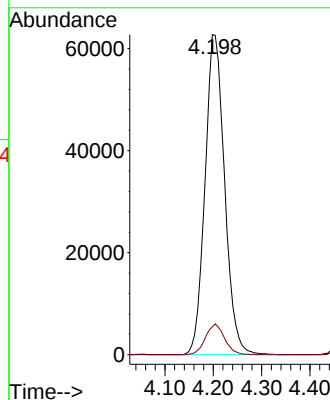
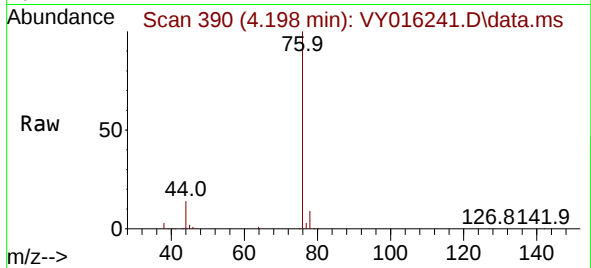
#17
Carbon Disulfide
Concen: 51.788 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 176710
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

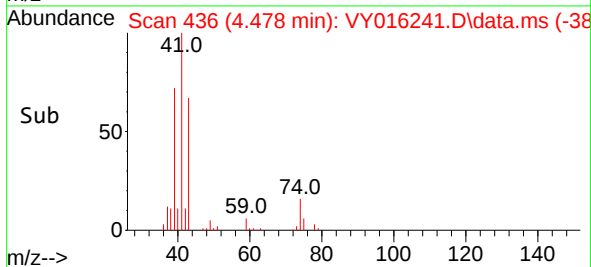
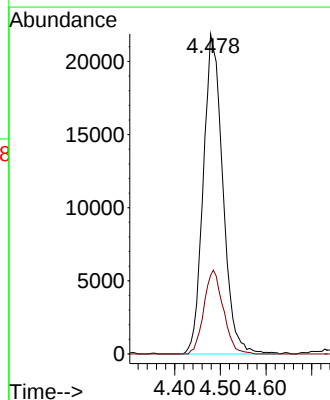
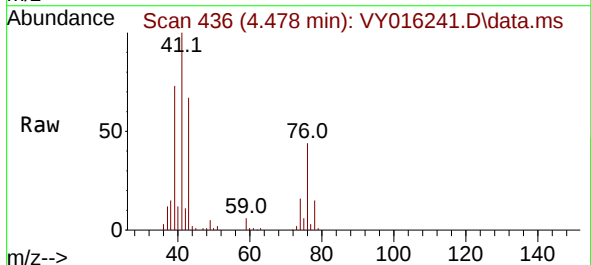
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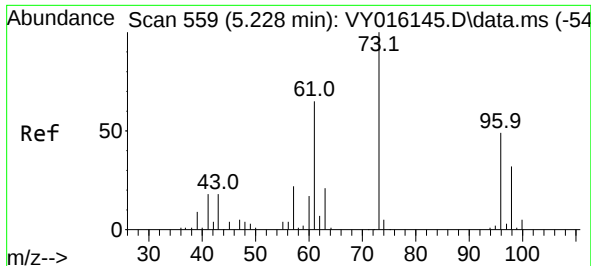
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#18
Methyl Acetate
Concen: 50.000 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

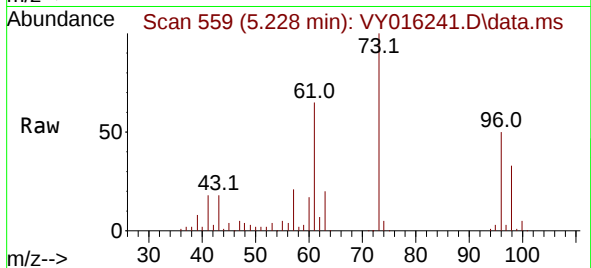
Tgt Ion: 43 Resp: 64989
Ion Ratio Lower Upper
43 100
74 26.0 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 51.973 ug/l
RT: 5.228 min Scan# 519
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

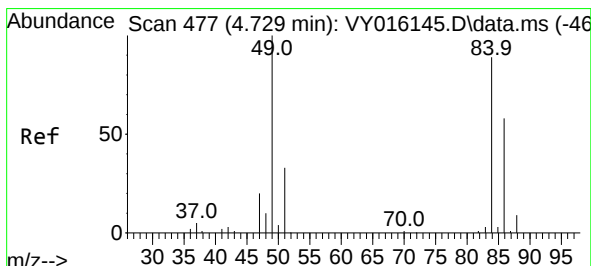
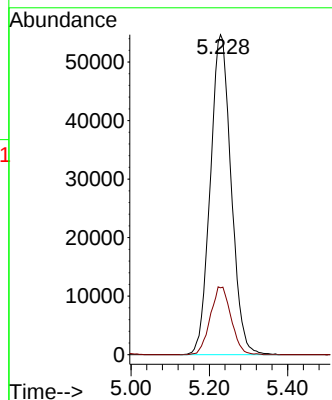
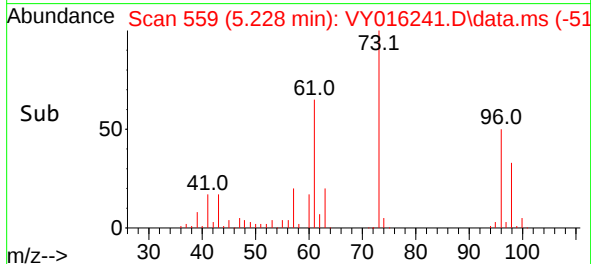
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 20205
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

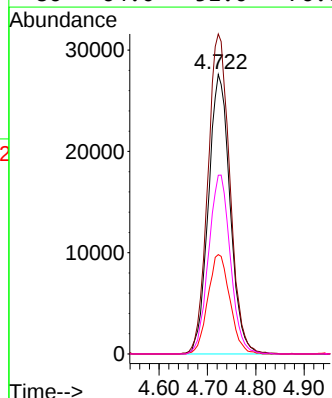
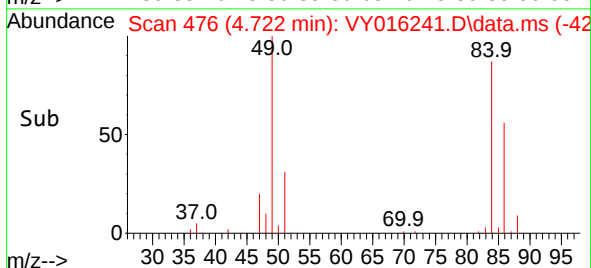
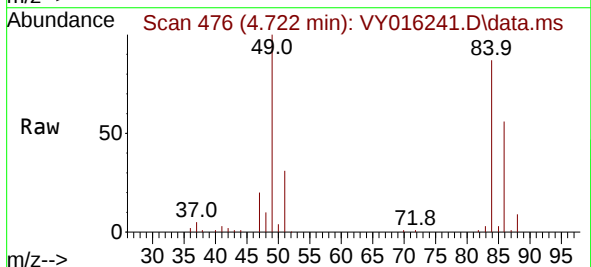
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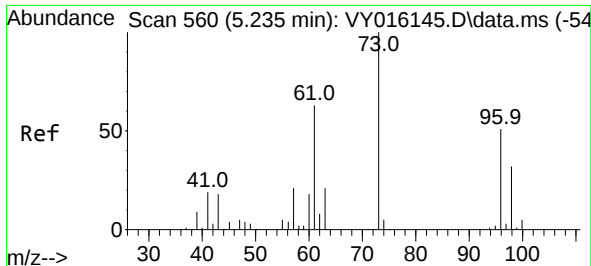
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#20
Methylene Chloride
Concen: 52.261 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Tgt Ion: 84 Resp: 85685
Ion Ratio Lower Upper
84 100
49 114.5 106.9 160.3
51 35.5 33.2 49.8
86 64.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 52.913 ug/l

RT: 5.228 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 84238

Ion Ratio Lower Upper

96 100

61 130.4 110.2 165.4

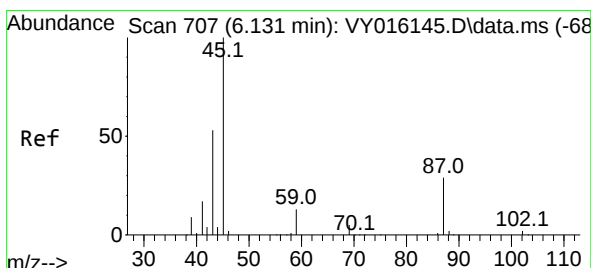
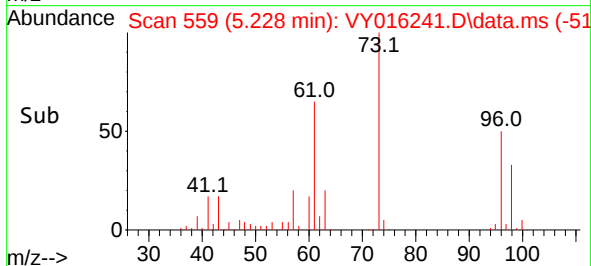
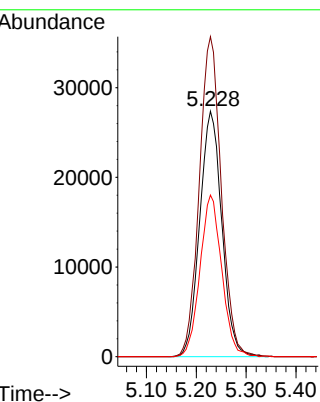
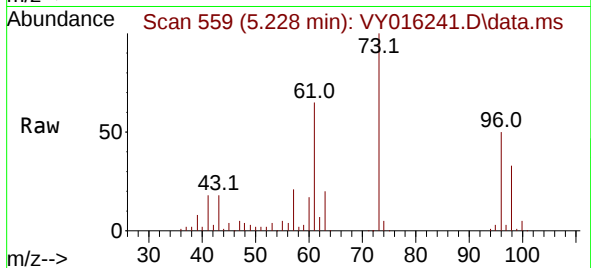
98 65.8 51.8 77.6

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#22

Diisopropyl ether

Concen: 54.656 ug/l

RT: 6.125 min Scan# 706

Delta R.T. -0.006 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

Tgt Ion: 45 Resp: 258436

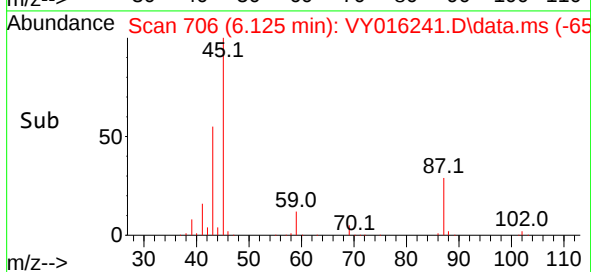
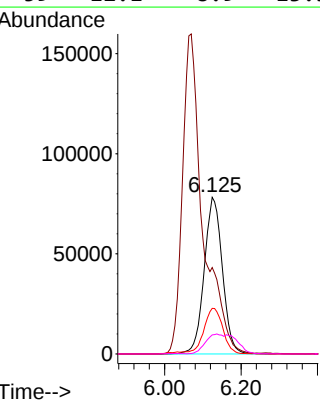
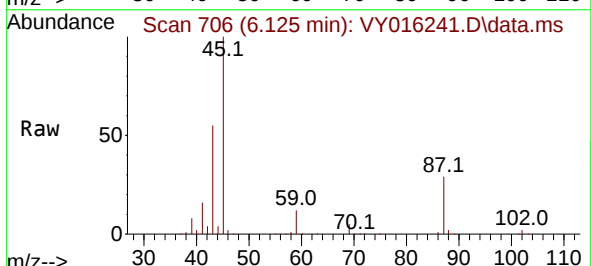
Ion Ratio Lower Upper

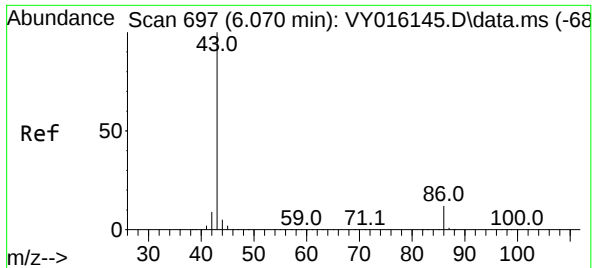
45 100

43 54.5 52.2 78.4

87 29.1 21.0 31.6

59 12.1 8.9 13.3





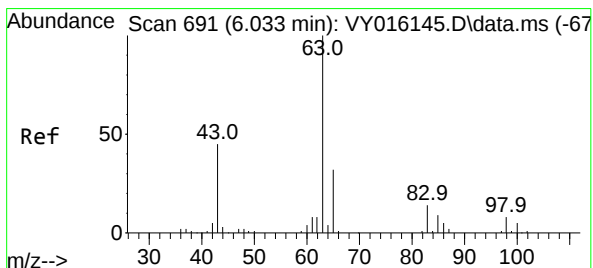
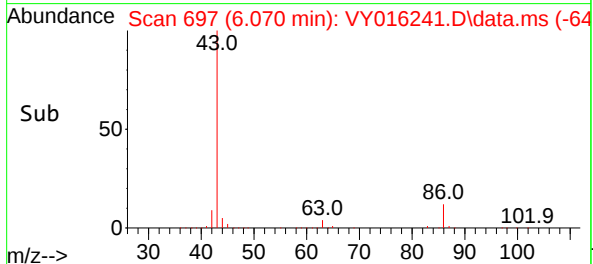
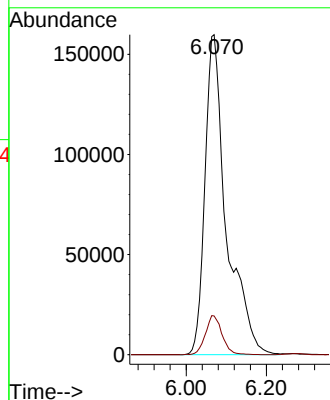
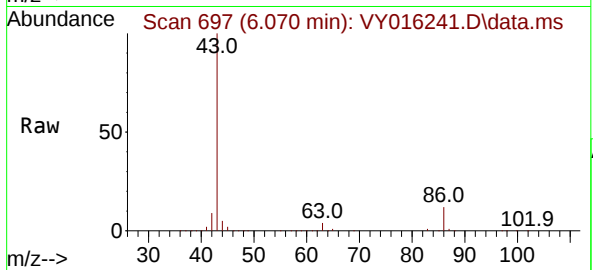
#23
 Vinyl Acetate
 Concen: 255.408 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY016241.D
 Acq: 06 Nov 2023 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 592949
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3

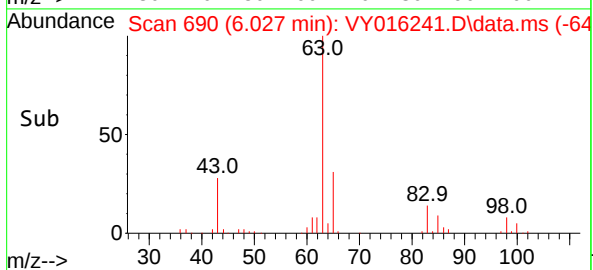
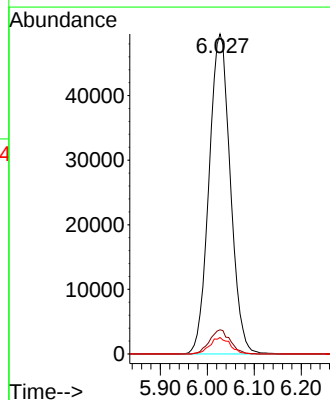
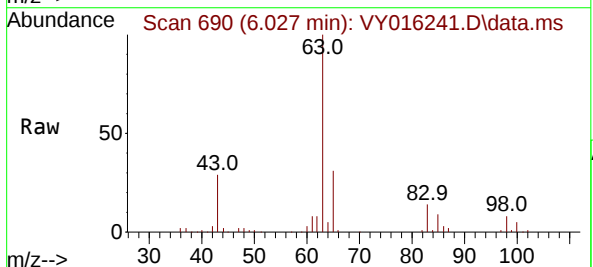
Manual Integrations
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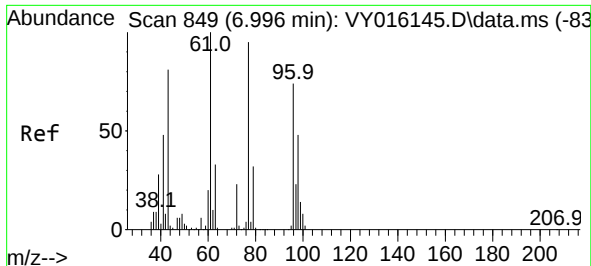
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#24
 1,1-Dichloroethane
 Concen: 55.060 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016241.D
 Acq: 06 Nov 2023 16:54

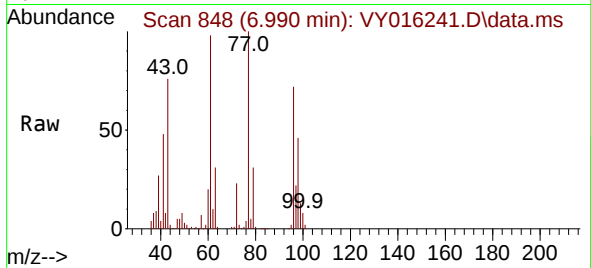
Tgt Ion: 63 Resp: 155814
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 5.1 1.8 5.5





#25
2-Butanone
Concen: 238.563 ug/l
RT: 6.990 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

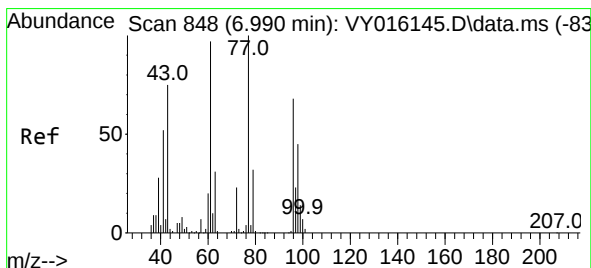
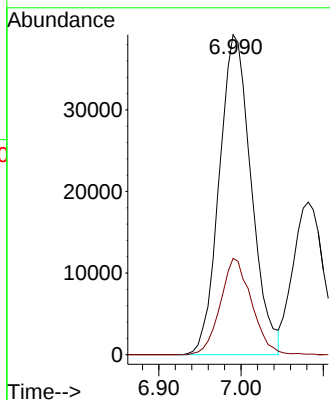
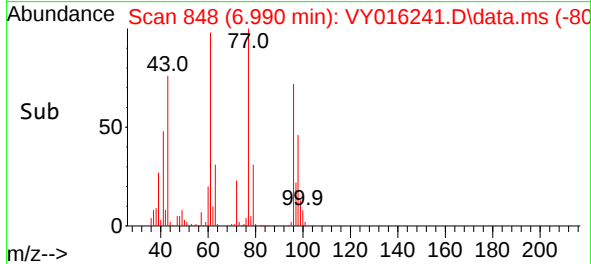
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 106370
Ion Ratio Lower Upper
43 100
72 30.1 20.5 30.7

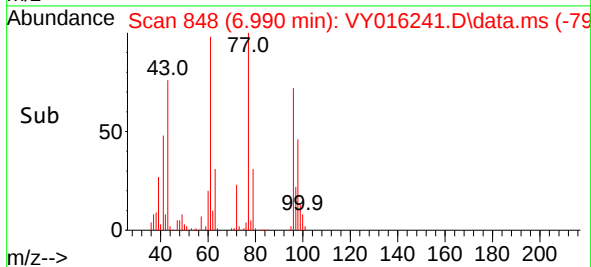
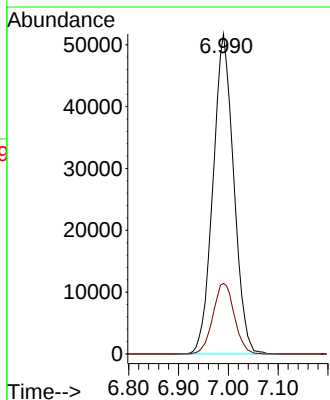
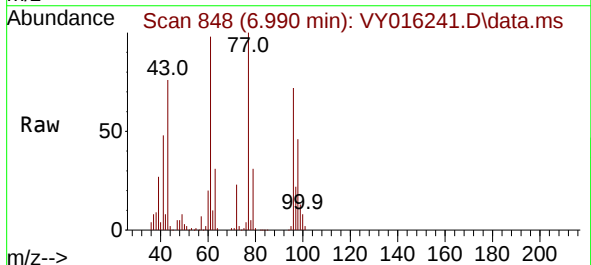
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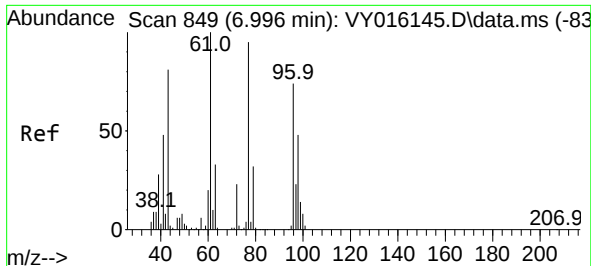
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#26
2,2-Dichloropropane
Concen: 55.851 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

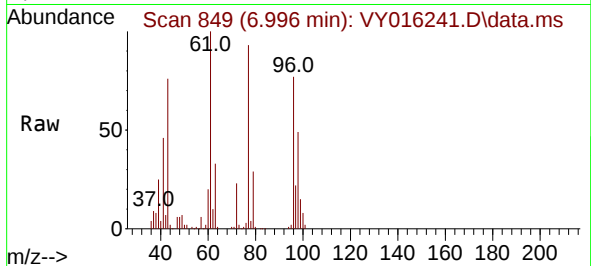
Tgt Ion: 77 Resp: 149410
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 54.169 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY016241.D
 Acq: 06 Nov 2023 16:54

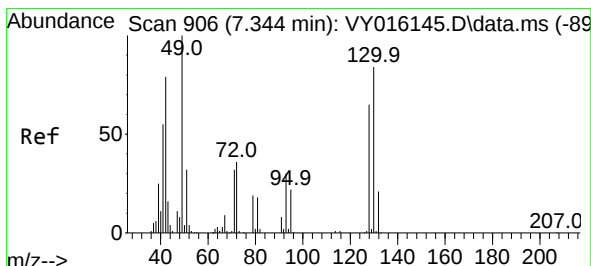
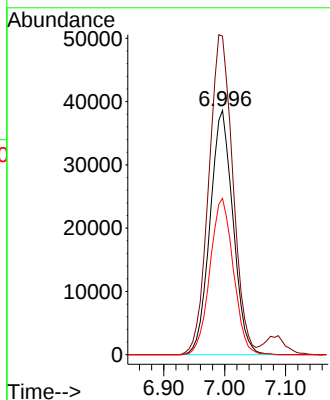
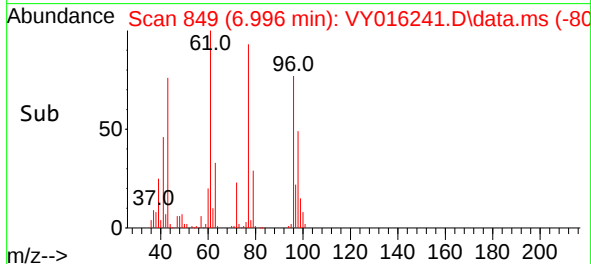
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



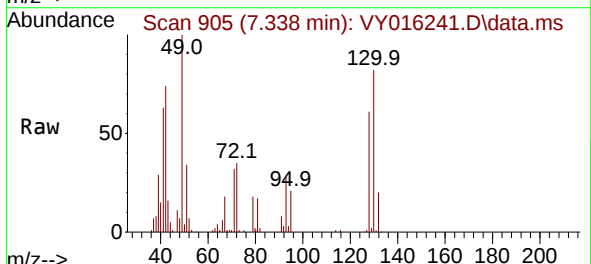
Tgt Ion: 96 Resp: 10148
 Ion Ratio Lower Upper
 96 100
 61 137.1 0.0 301.4
 98 64.9 0.0 130.4

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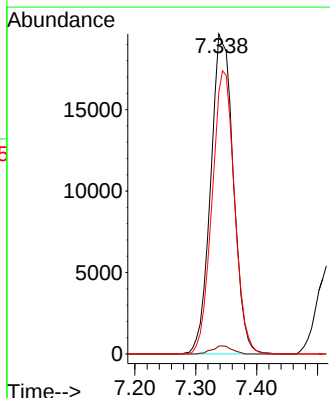
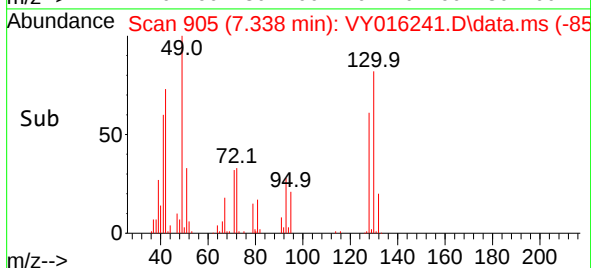
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023

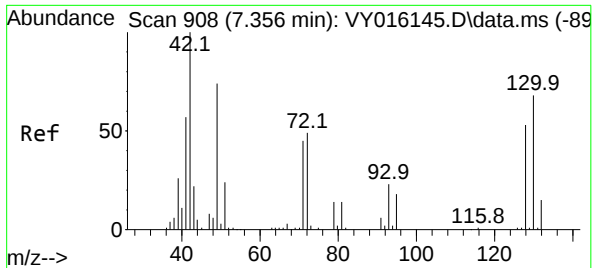


#28
 Bromochloromethane
 Concen: 47.917 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY016241.D
 Acq: 06 Nov 2023 16:54



Tgt Ion: 49 Resp: 50743
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 87.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 249.469 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 6973

Ion Ratio Lower Upper

42 100

72 47.5 32.8 49.2

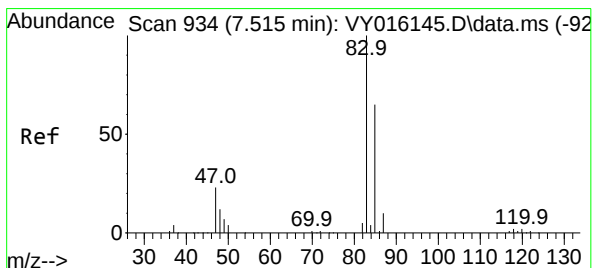
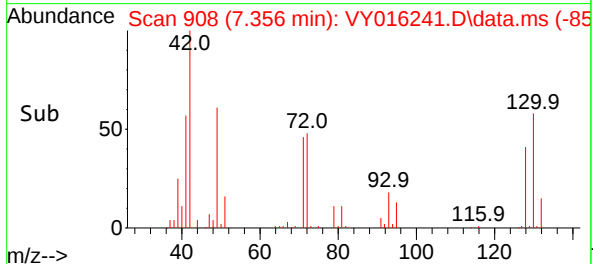
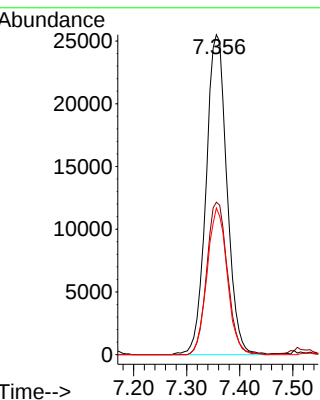
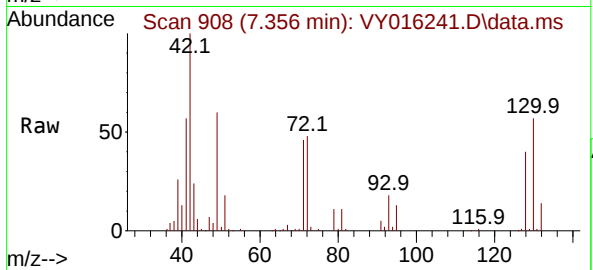
71 44.3 31.0 46.4

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#30

Chloroform

Concen: 53.396 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.000 min

Lab File: VY016241.D

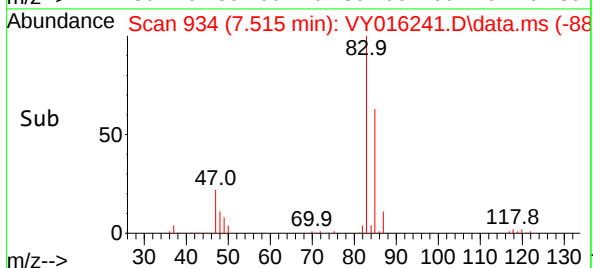
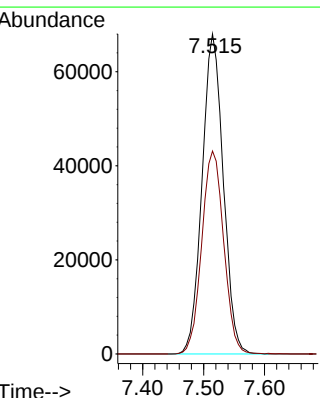
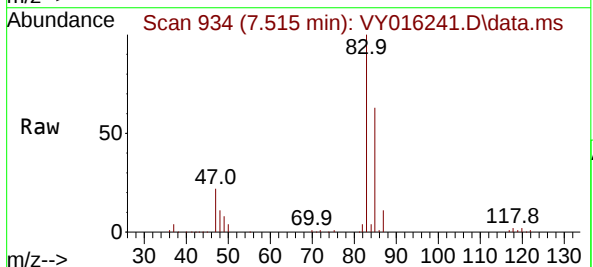
Acq: 06 Nov 2023 16:54

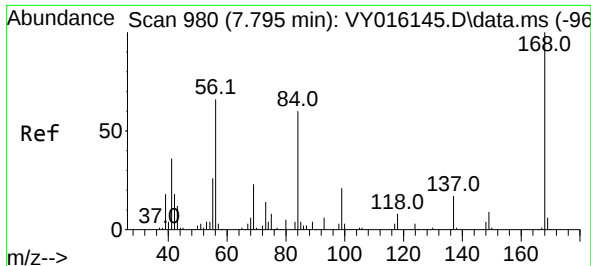
Tgt Ion: 83 Resp: 164512

Ion Ratio Lower Upper

83 100

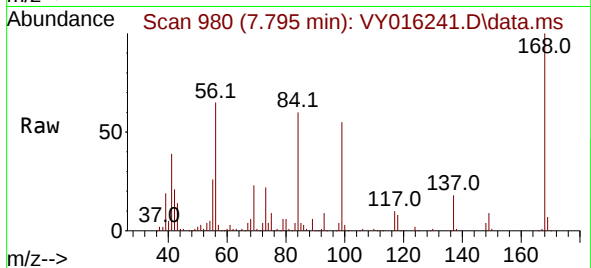
85 63.4 49.7 74.5





#31
Cyclohexane
Concen: 51.245 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

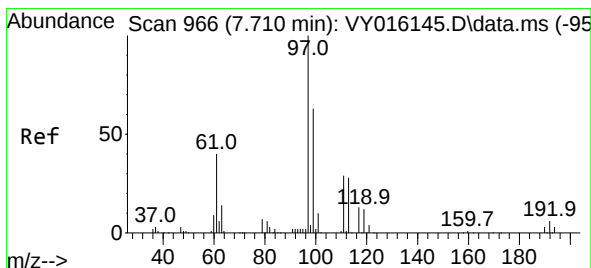
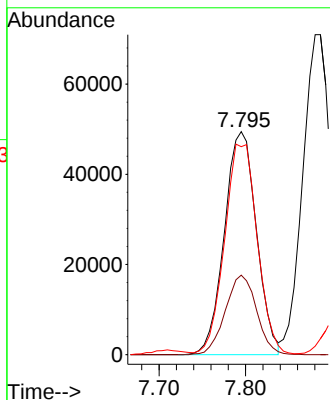
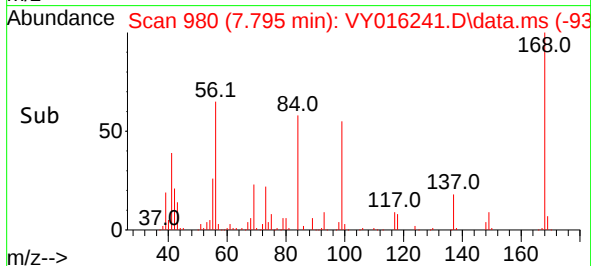
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



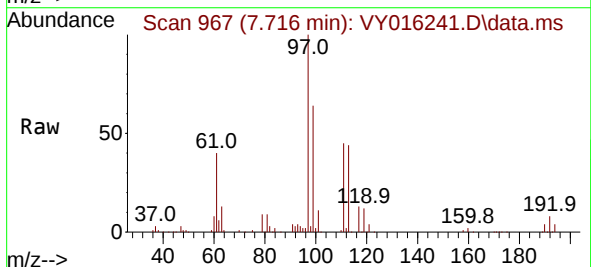
Tgt Ion: 56 Resp: 127320
Ion Ratio Lower Upper
56 100
69 35.7 27.8 41.6
84 91.7 66.4 99.6

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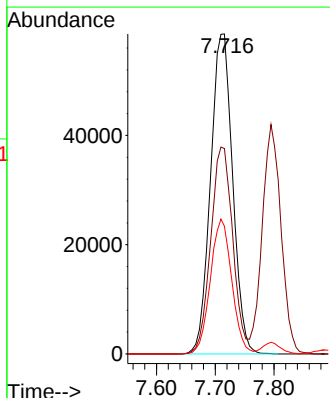
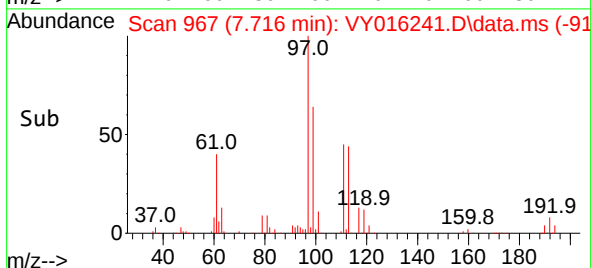
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

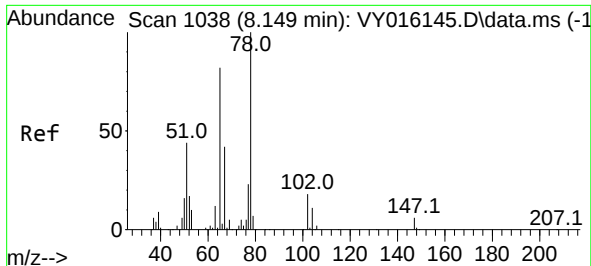


#32
1,1,1-Trichloroethane
Concen: 54.169 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54



Tgt Ion: 97 Resp: 153055
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 40.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.149 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7458

Ion Ratio Lower Upper

65 100

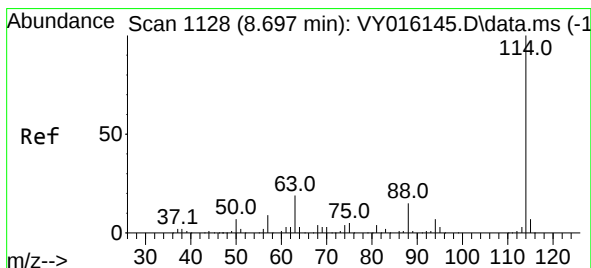
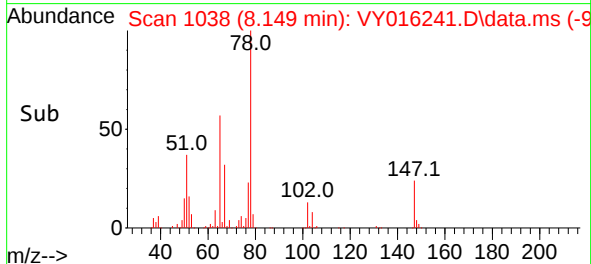
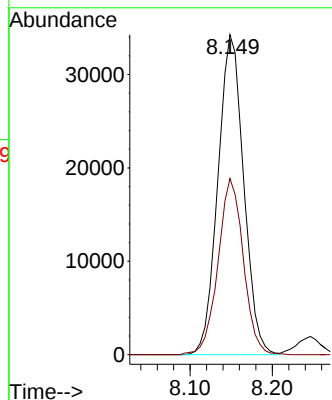
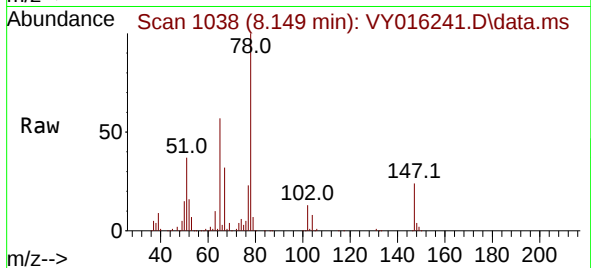
67 54.0 0.0 101.8

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

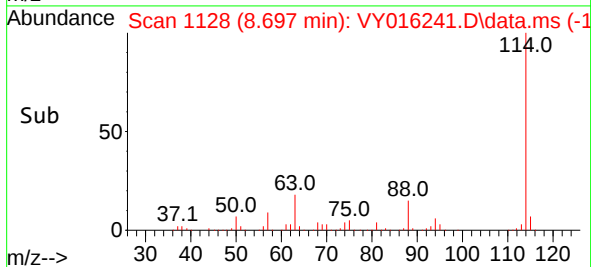
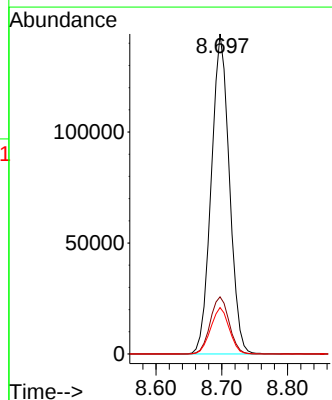
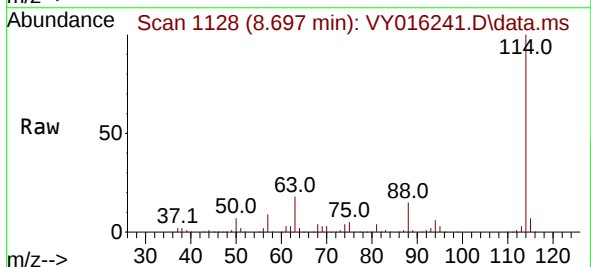
Tgt Ion:114 Resp: 276378

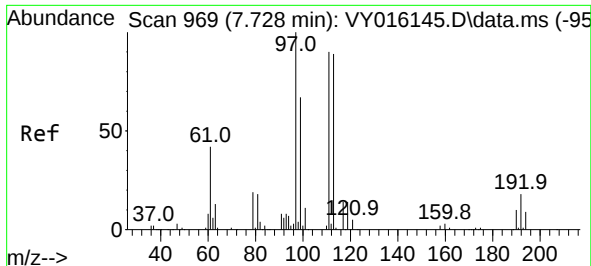
Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

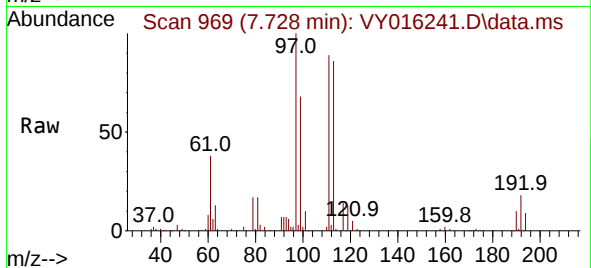
88 14.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 45.853 ug/l
RT: 7.728 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

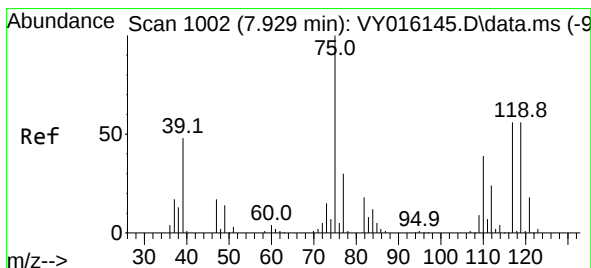
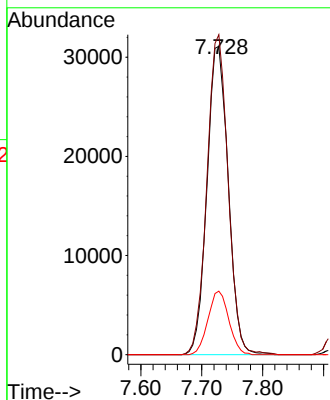
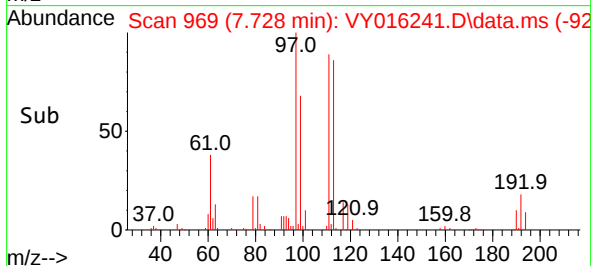
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



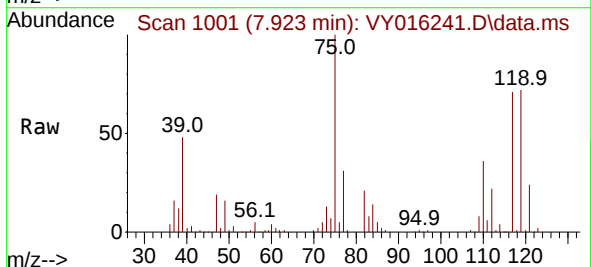
Tgt Ion:113 Resp: 75552
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 20.2 16.9 25.3

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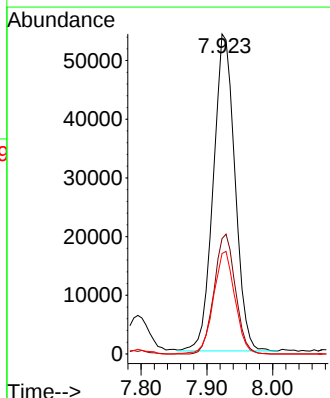
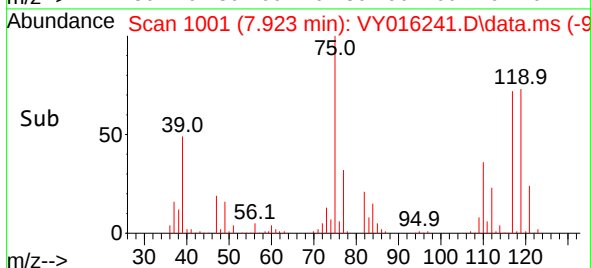
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

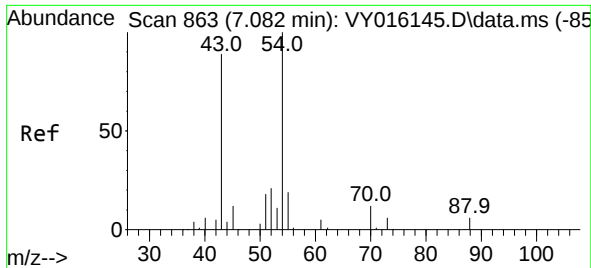


#36
1,1-Dichloropropene
Concen: 52.042 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54



Tgt Ion: 75 Resp: 123820
Ion Ratio Lower Upper
75 100
110 37.1 17.8 53.5
77 32.1 24.4 36.6





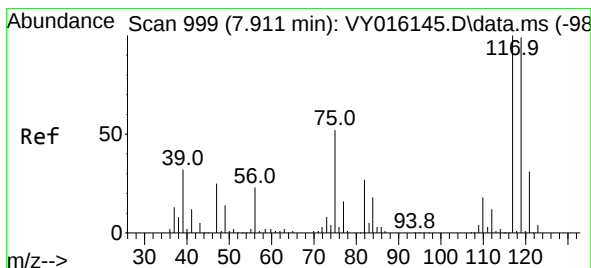
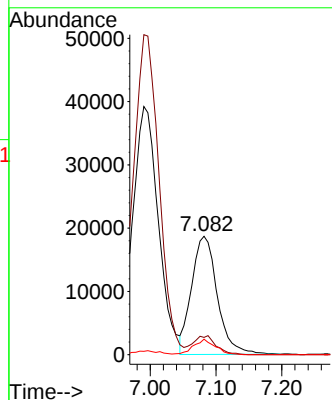
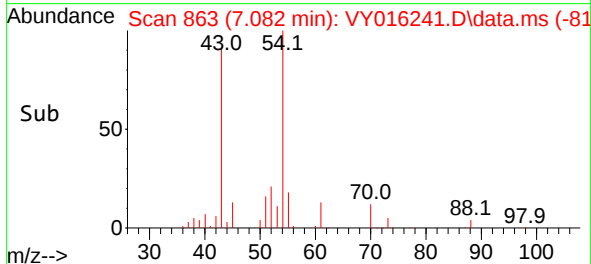
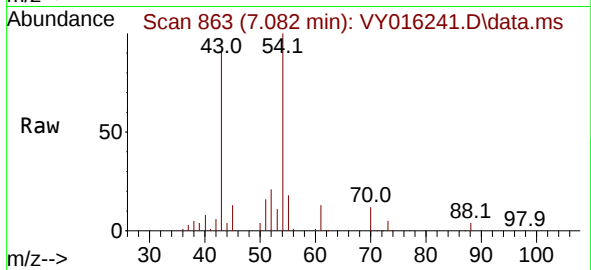
#37
Ethyl Acetate
Concen: 47.730 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 50580
Ion Ratio Lower Upper
43 100
61 14.6 10.1 15.1
70 11.1 7.1 10.7

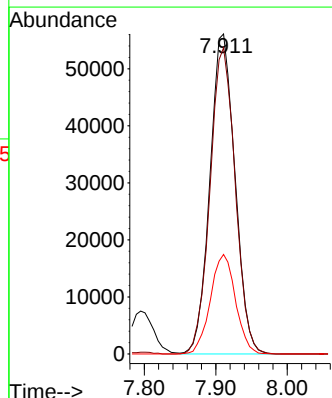
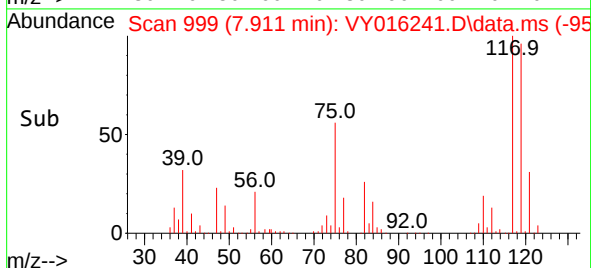
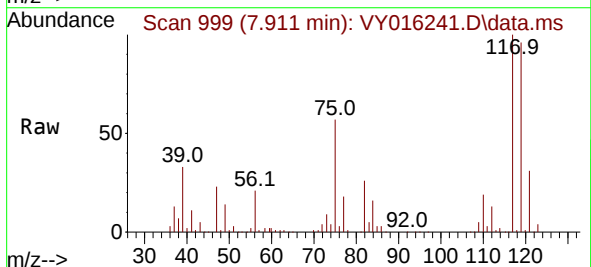
Manual Integrations
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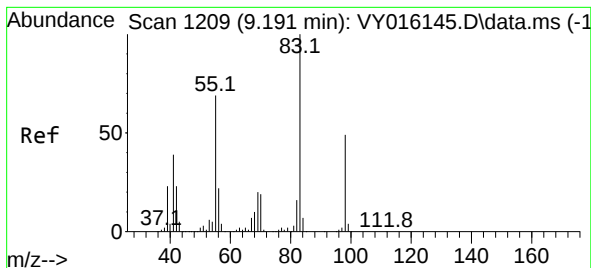
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#38
Carbon Tetrachloride
Concen: 57.974 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Tgt Ion:117 Resp: 136654
Ion Ratio Lower Upper
117 100
119 95.7 76.4 114.6
121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 52.281 ug/l

RT: 9.191 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

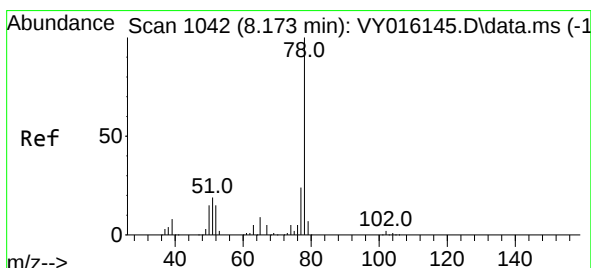
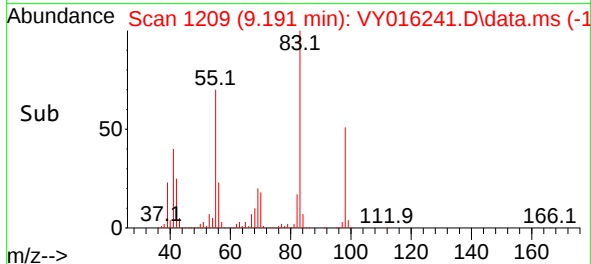
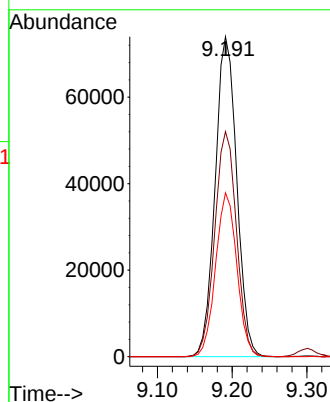
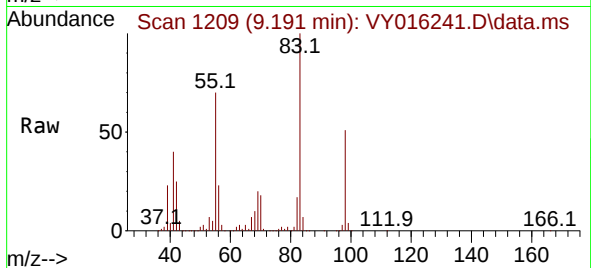
Tgt Ion: 83 Resp: 148478
 Ion Ratio Lower Upper
 83 100
 55 70.4 63.0 94.4
 98 51.2 37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#40

Benzene

Concen: 51.883 ug/l

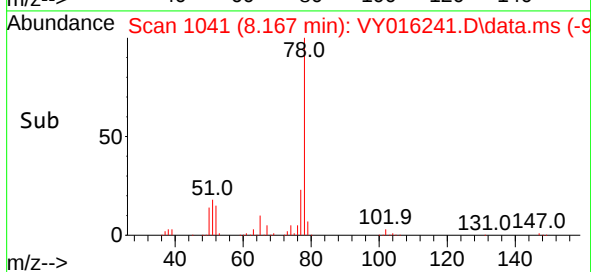
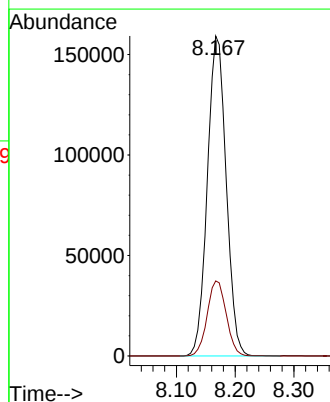
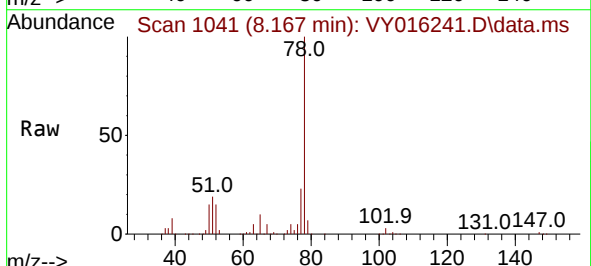
RT: 8.167 min Scan# 1041

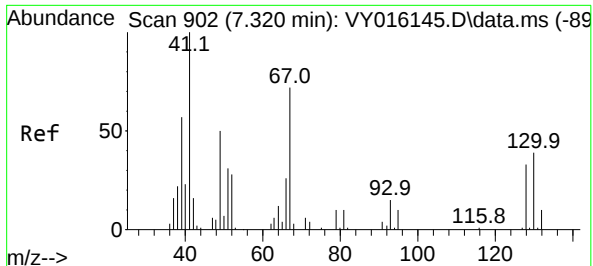
Delta R.T. -0.006 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

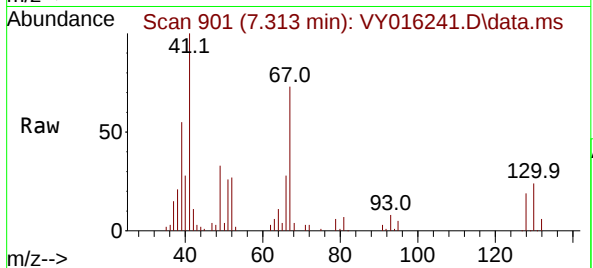
Tgt Ion: 78 Resp: 354392
 Ion Ratio Lower Upper
 78 100
 77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 47.040 ug/l
RT: 7.313 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

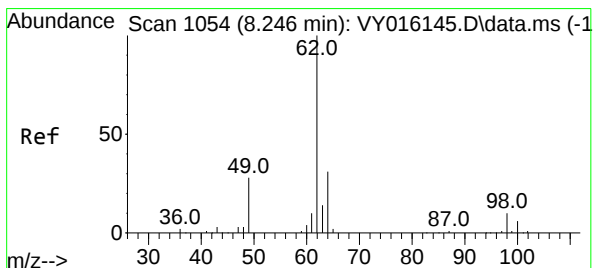
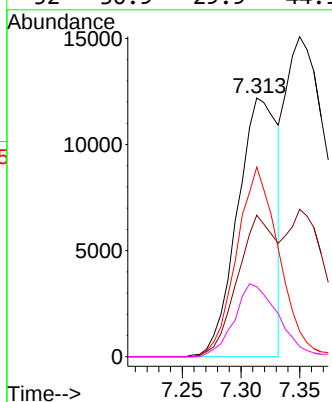
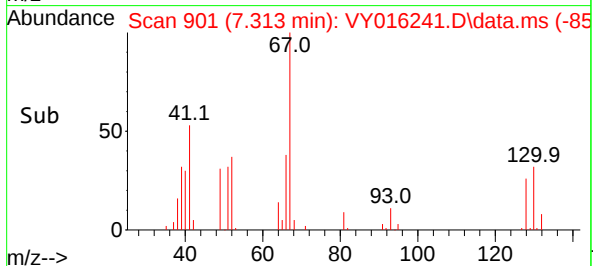
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 28935
Ion Ratio Lower Upper
41 100
39 52.7 52.1 78.1
67 77.7 66.2 99.2
52 30.9 29.9 44.9

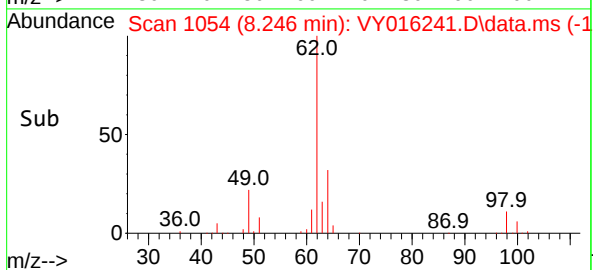
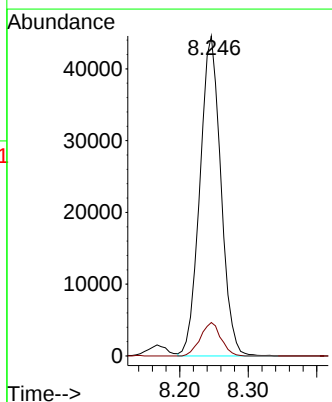
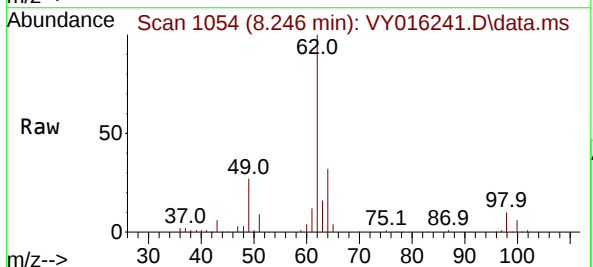
Manual Integrations
APPROVED

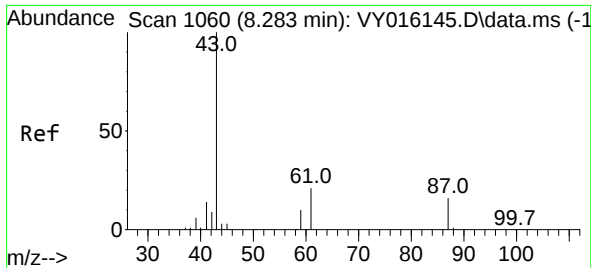
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#42
1,2-Dichloroethane
Concen: 49.788 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

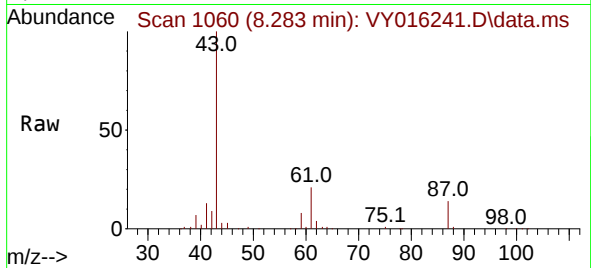
Tgt Ion: 62 Resp: 94905
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8





#43
Isopropyl Acetate
Concen: 49.257 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

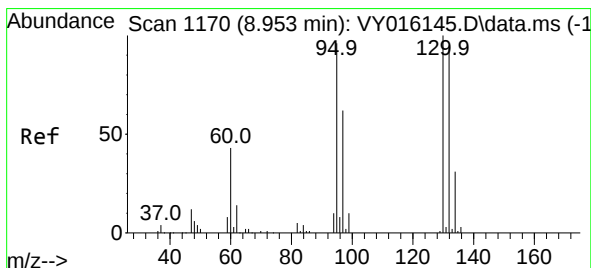
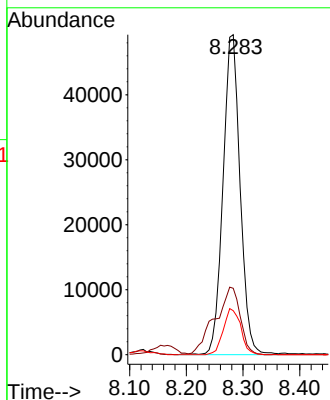
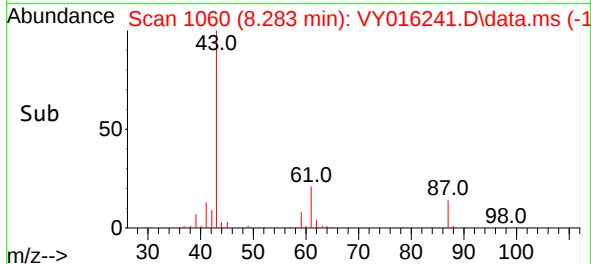
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 10325
Ion Ratio Lower Upper
43 100
61 31.1 21.1 31.7
87 14.6 9.8 14.8

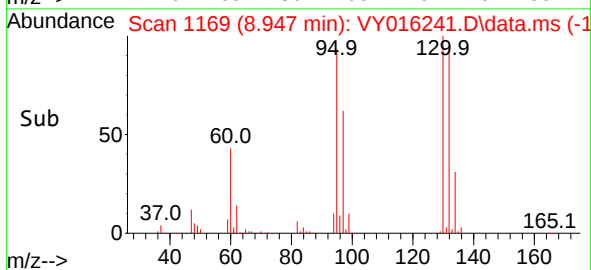
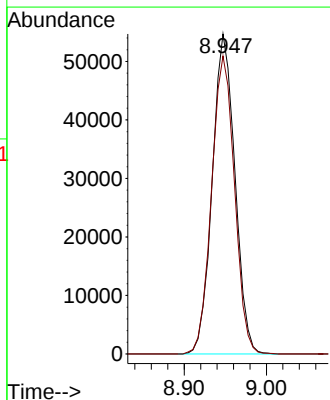
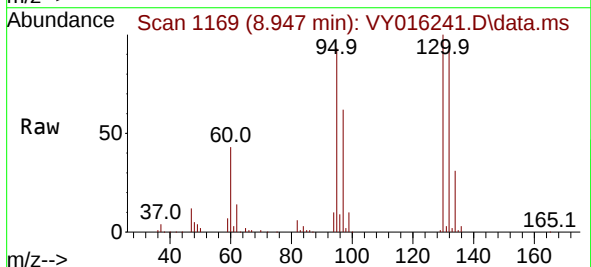
Manual Integrations
APPROVED

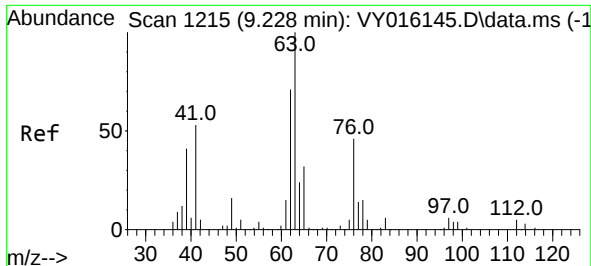
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#44
Trichloroethene
Concen: 52.305 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Tgt Ion:130 Resp: 104553
Ion Ratio Lower Upper
130 100
95 93.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.892 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 88554

Ion Ratio Lower Upper

63 100

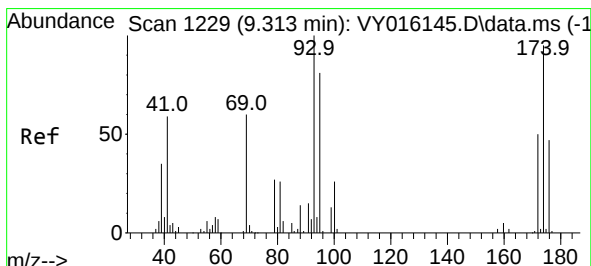
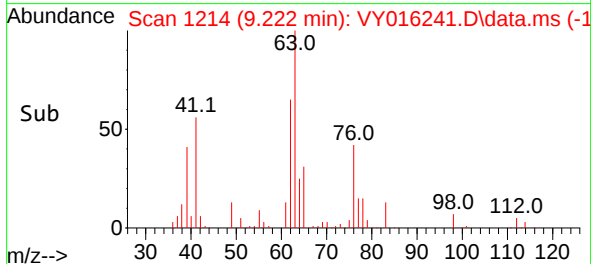
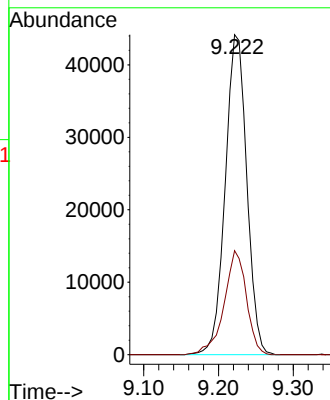
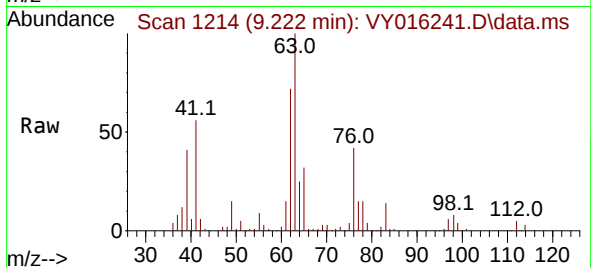
65 32.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#46

Dibromomethane

Concen: 49.267 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

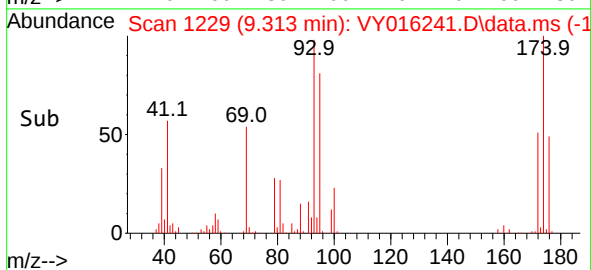
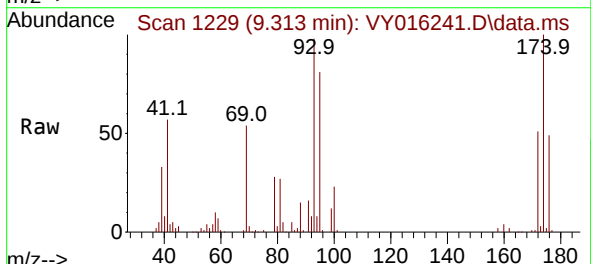
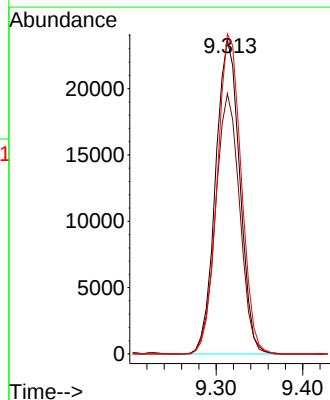
Tgt Ion: 93 Resp: 45923

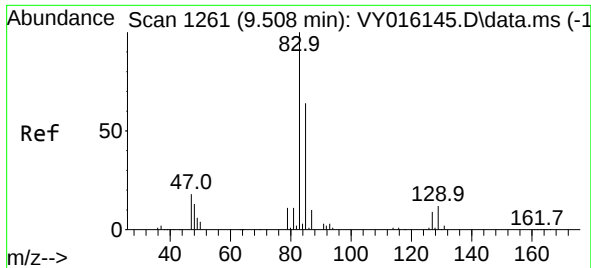
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

174 101.1 84.8 127.2





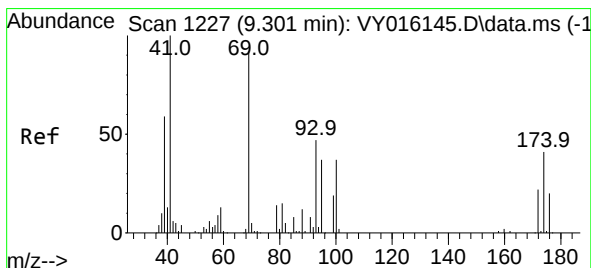
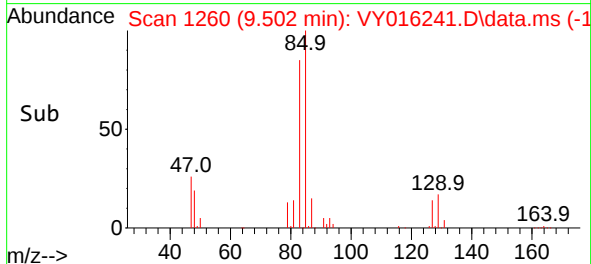
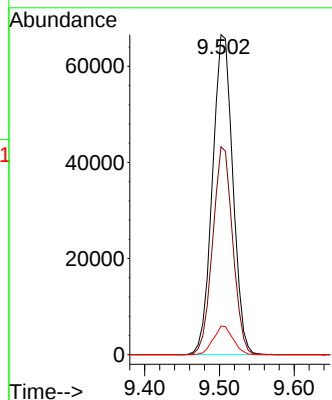
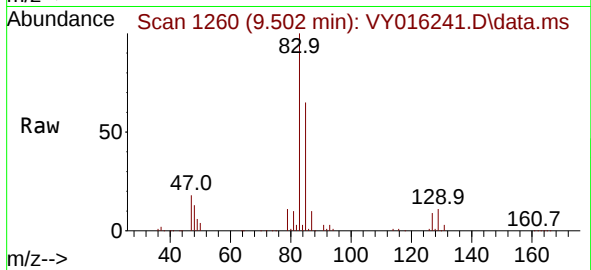
#47
Bromodichloromethane
Concen: 53.158 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 12589
Ion Ratio Lower Upper
83 100
85 65.0 50.1 75.1
127 8.9 7.1 10.7

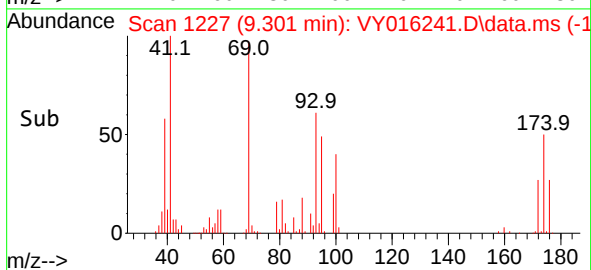
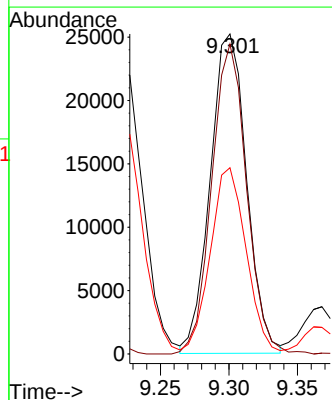
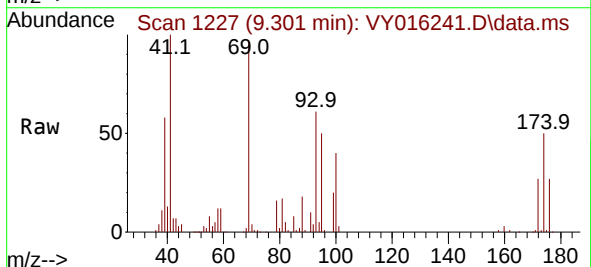
Manual Integrations
APPROVED

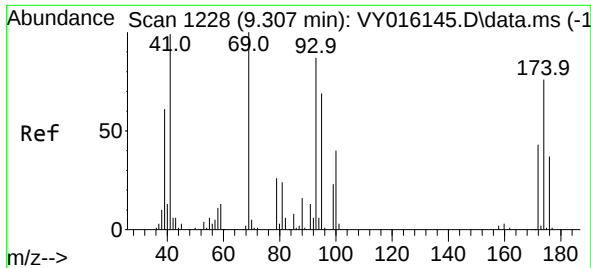
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#48
Methyl methacrylate
Concen: 48.779 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Tgt Ion: 41 Resp: 46495
Ion Ratio Lower Upper
41 100
69 93.0 64.5 96.7
39 55.5 50.8 76.2





#49

1,4-Dioxane

Concen: 901.740 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 10120

Ion Ratio Lower Upper

88 100

43 33.1 0.0 0.0

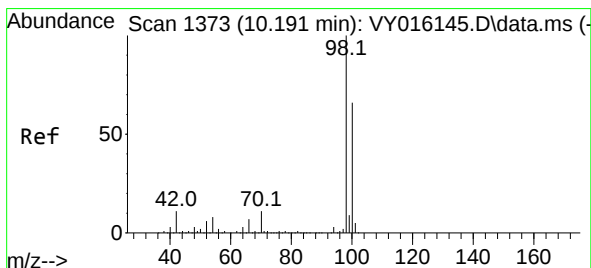
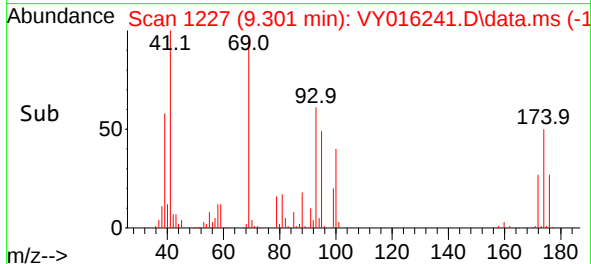
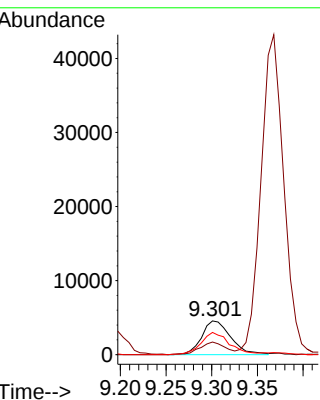
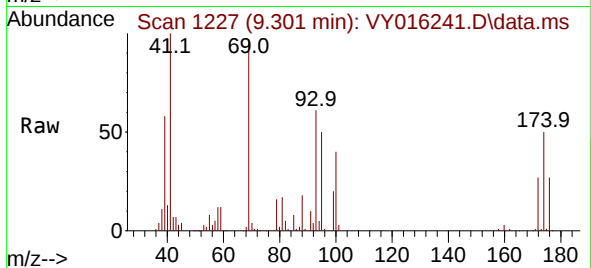
58 64.6 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#50

Toluene-d8

Concen: 47.668 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016241.D

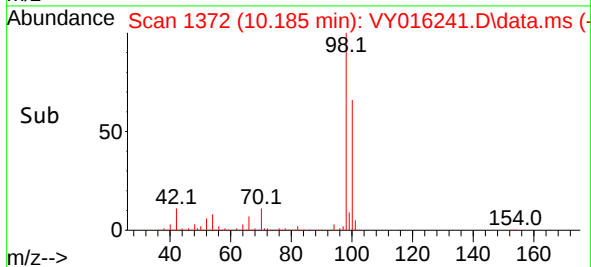
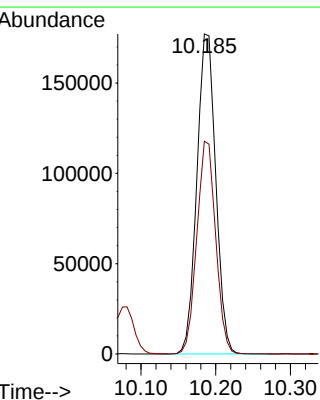
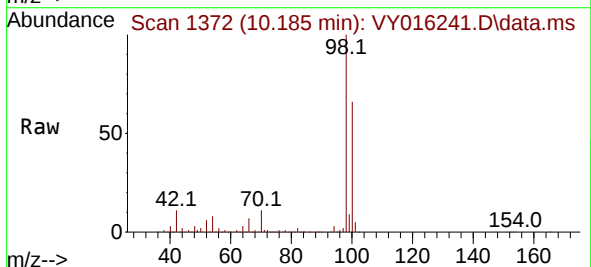
Acq: 06 Nov 2023 16:54

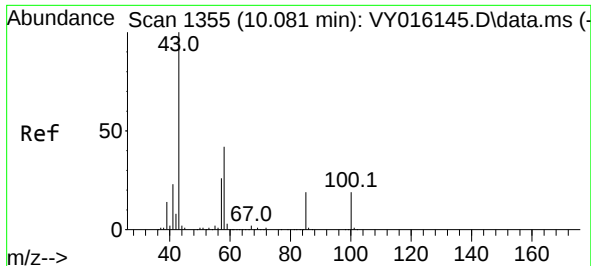
Tgt Ion: 98 Resp: 311405

Ion Ratio Lower Upper

98 100

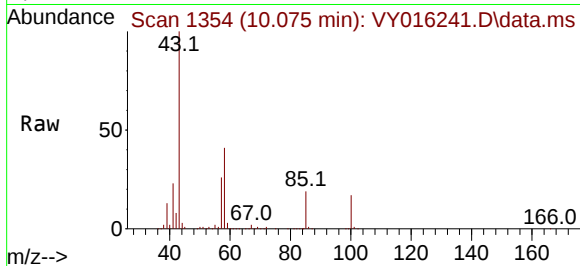
100 66.3 50.1 75.1





#51
4-Methyl-2-Pentanone
Concen: 246.579 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

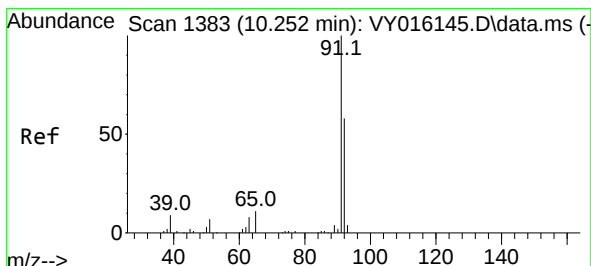
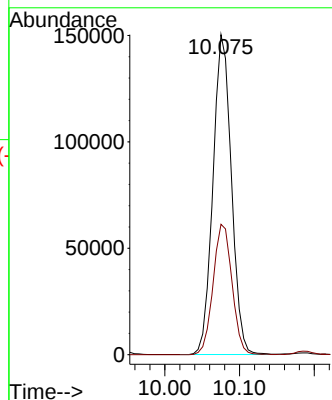
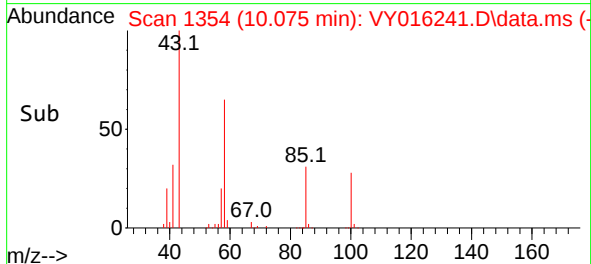
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 25790
Ion Ratio Lower Upper
43 100
58 41.8 29.0 43.6

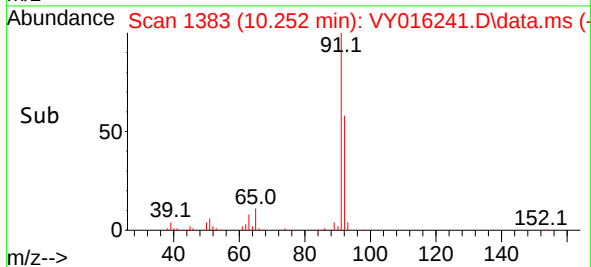
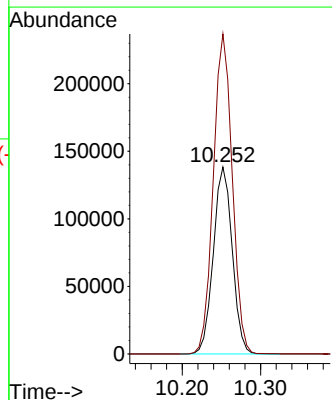
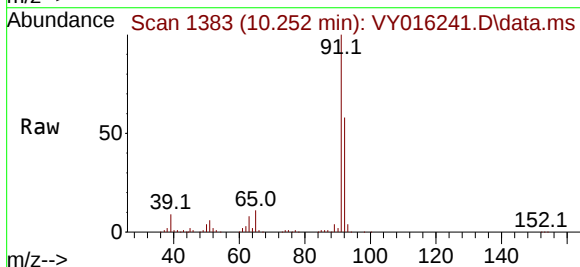
Manual Integrations
APPROVED

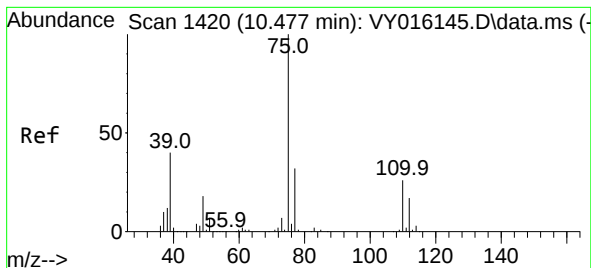
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#52
Toluene
Concen: 52.408 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

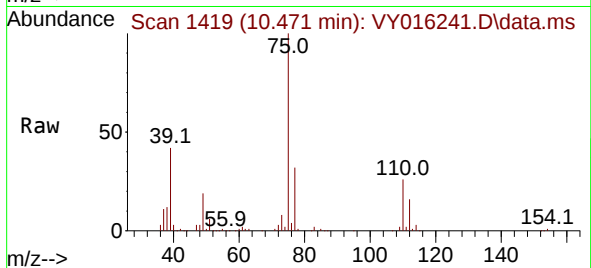
Tgt Ion: 92 Resp: 231966
Ion Ratio Lower Upper
92 100
91 171.6 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 51.006 ug/l
RT: 10.471 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

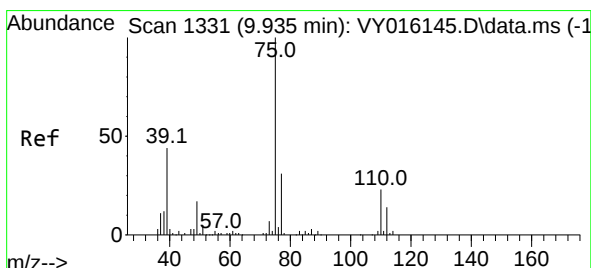
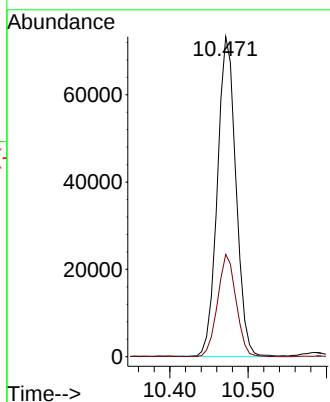
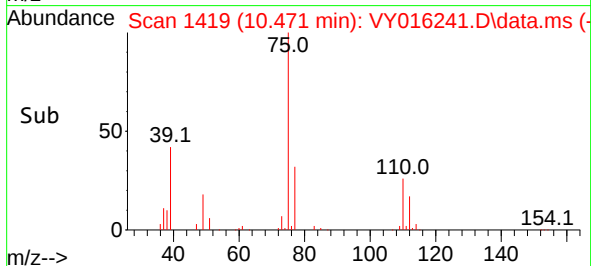
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 12059
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4

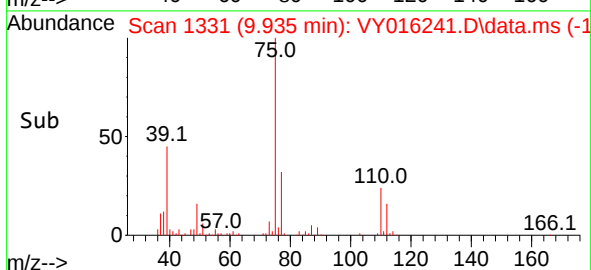
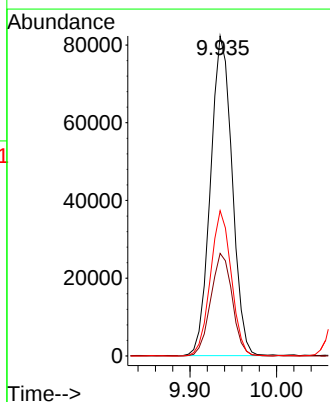
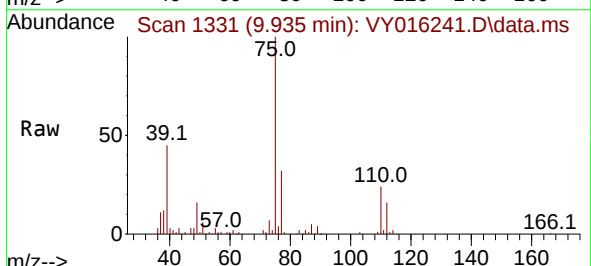
Manual Integrations
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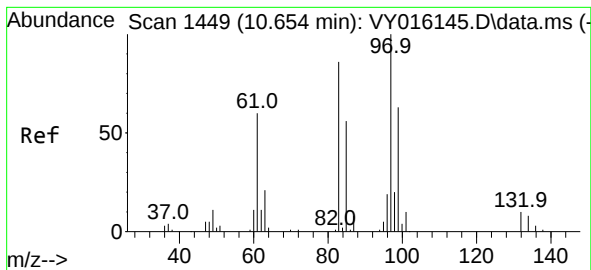
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#54
cis-1,3-Dichloropropene
Concen: 51.510 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

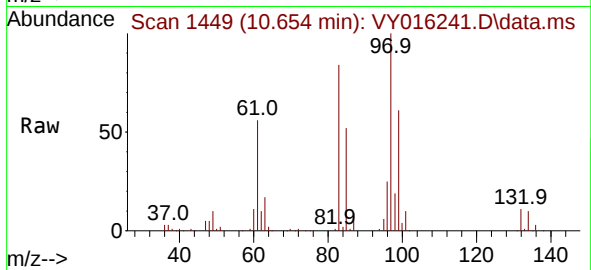
Tgt Ion: 75 Resp: 142899
Ion Ratio Lower Upper
75 100
77 32.1 24.2 36.4
39 45.4 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 50.439 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

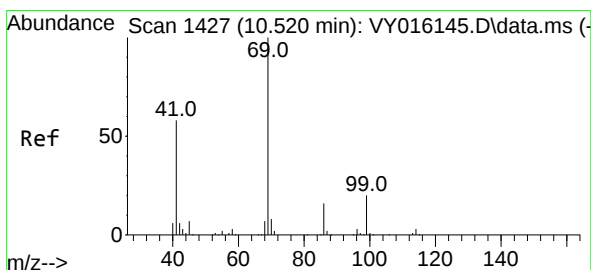
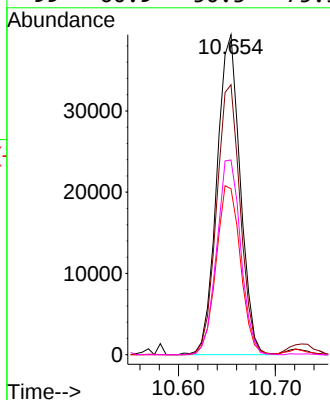
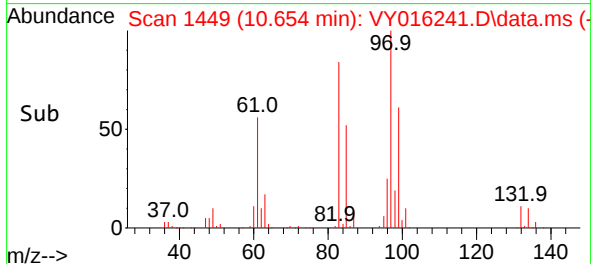


Tgt Ion: 97 Resp: 6613

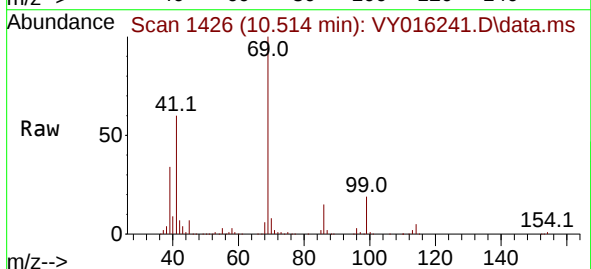
Ion	Ratio	Lower	Upper
97	100		
83	84.4	72.0	108.0
85	51.8	45.4	68.0
99	60.9	50.3	75.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

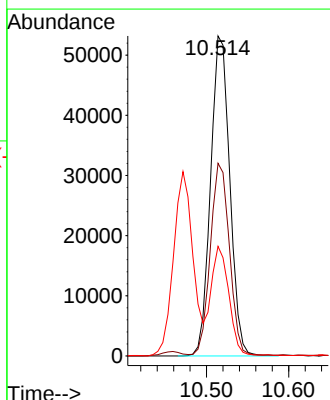
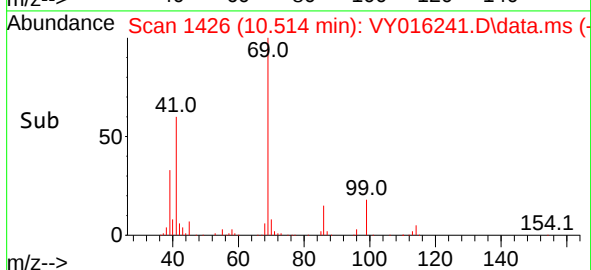


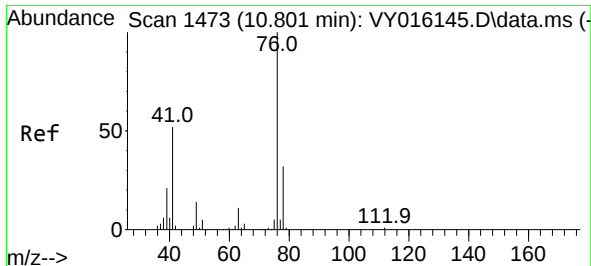
#56
Ethyl methacrylate
Concen: 50.681 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54



Tgt Ion: 69 Resp: 86300

Ion	Ratio	Lower	Upper
69	100		
41	59.8	57.6	86.4
39	32.0	34.1	51.1





#57

1,3-Dichloropropane

Concen: 49.563 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 110630

Ion Ratio Lower Upper

76 100

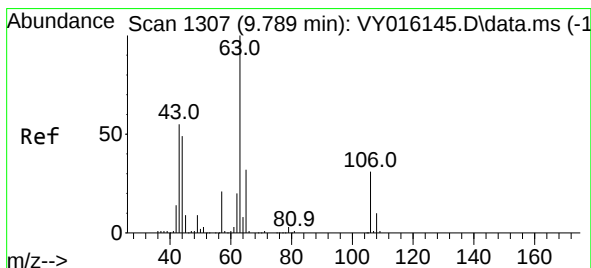
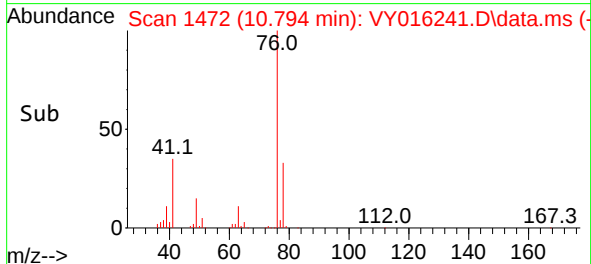
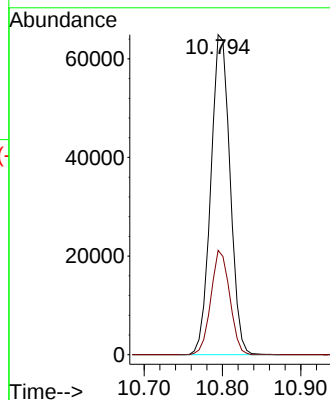
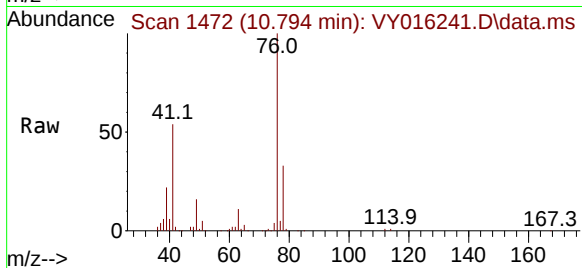
78 31.9 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#58

2-Chloroethyl Vinyl ether

Concen: 240.715 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016241.D

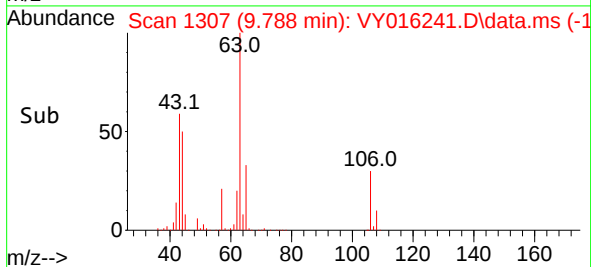
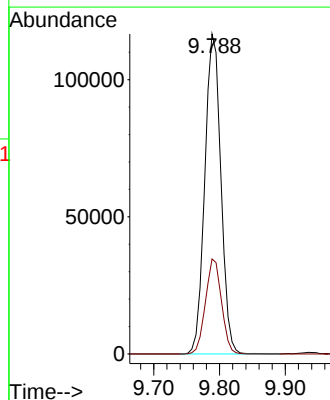
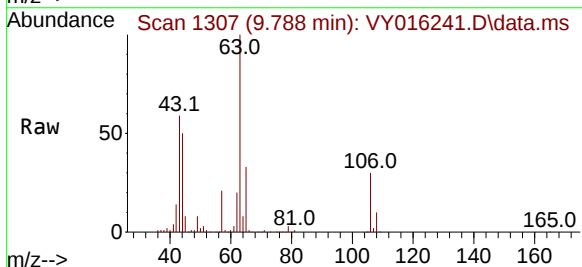
Acq: 06 Nov 2023 16:54

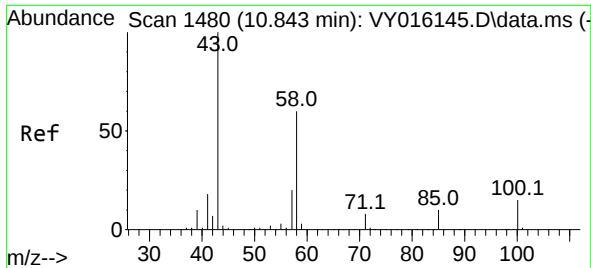
Tgt Ion: 63 Resp: 198760

Ion Ratio Lower Upper

63 100

106 29.5 21.2 31.8





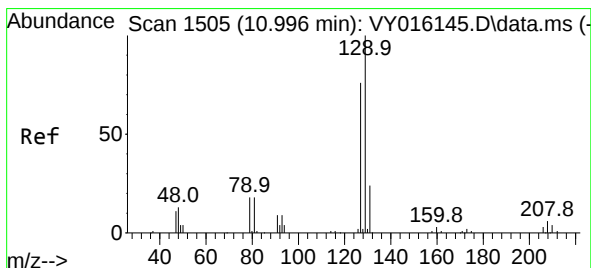
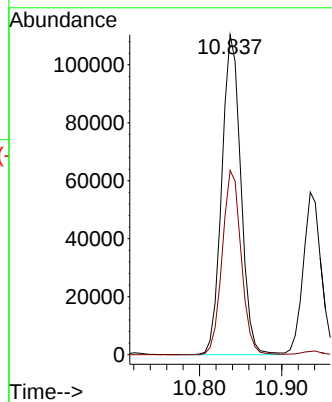
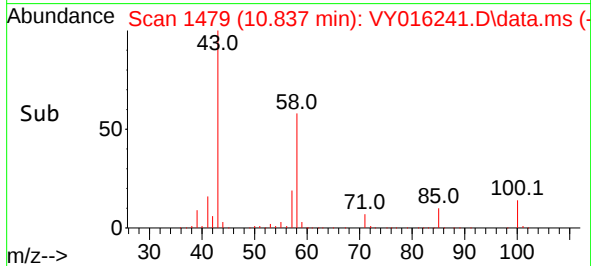
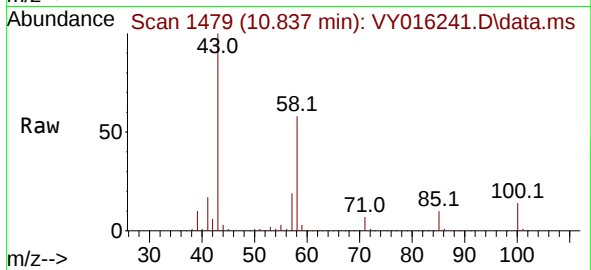
#59
2-Hexanone
Concen: 247.821 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 177620
Ion Ratio Lower Upper
43 100
58 57.4 25.1 75.3

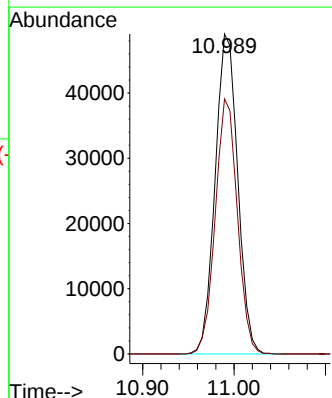
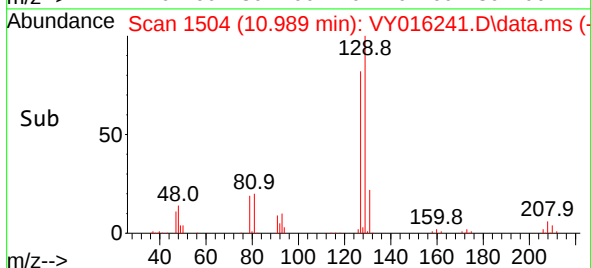
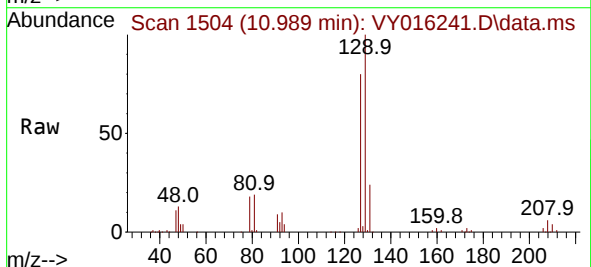
Manual Integrations
APPROVED

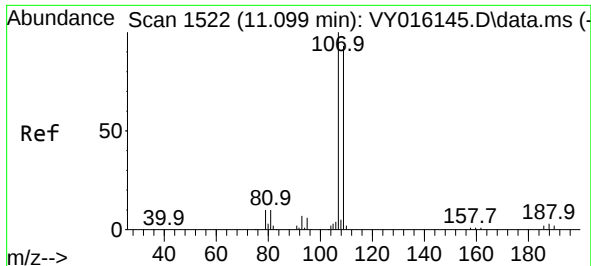
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#60
Dibromochloromethane
Concen: 51.244 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

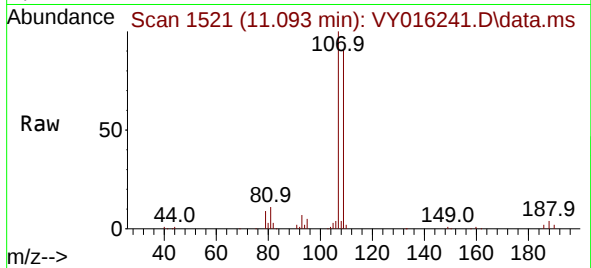
Tgt Ion:129 Resp: 84293
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 49.295 ug/l
RT: 11.093 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

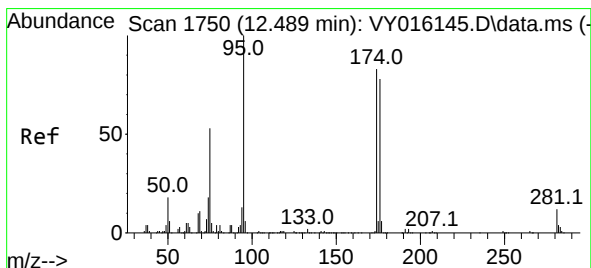
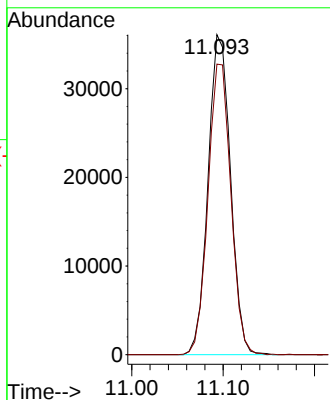
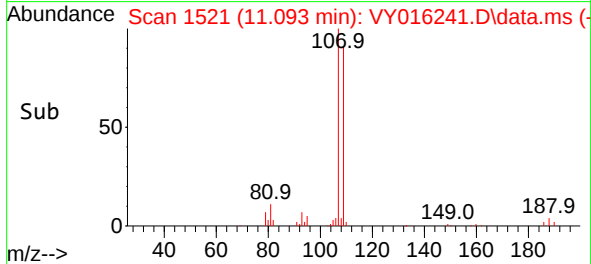
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



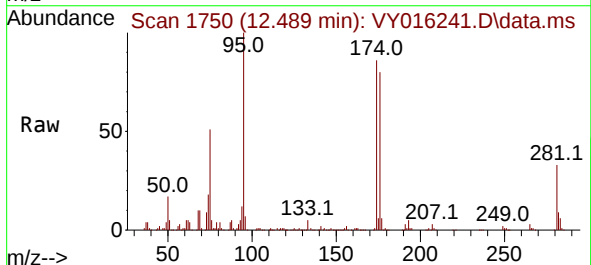
Tgt Ion:107 Resp: 61478
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4

Manual Integrations
APPROVED

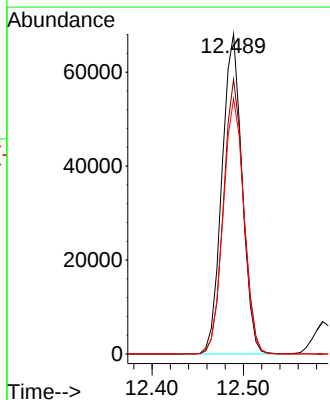
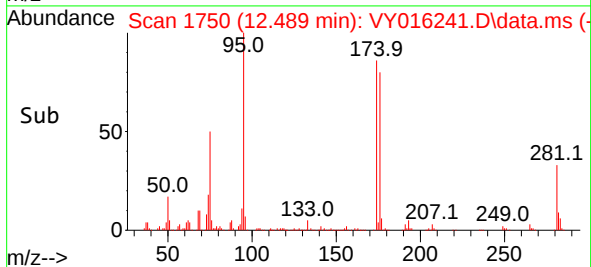
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

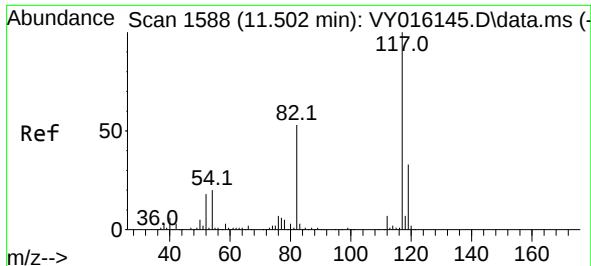


#62
4-Bromofluorobenzene
Concen: 46.588 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54



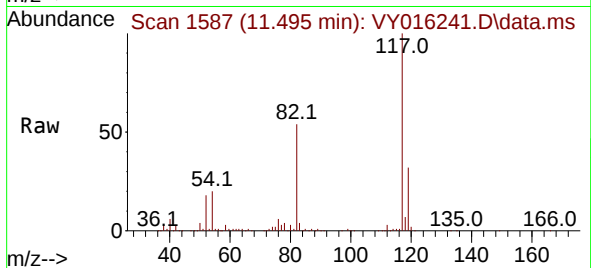
Tgt Ion: 95 Resp: 104071
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 82.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

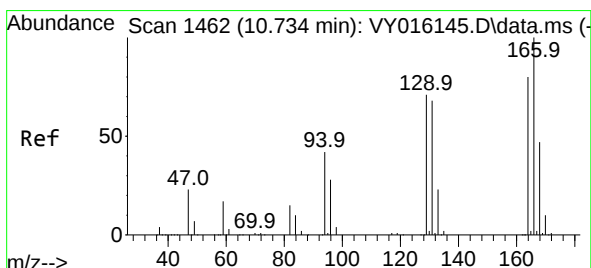
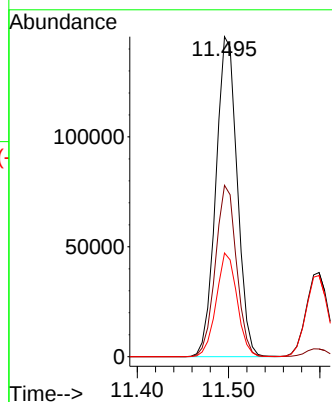
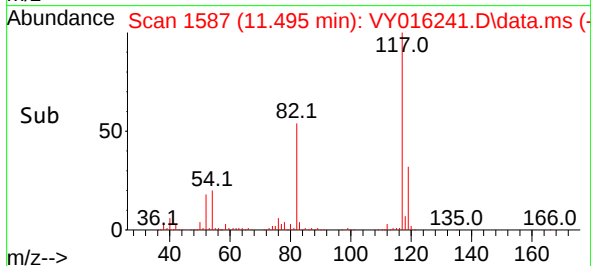
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



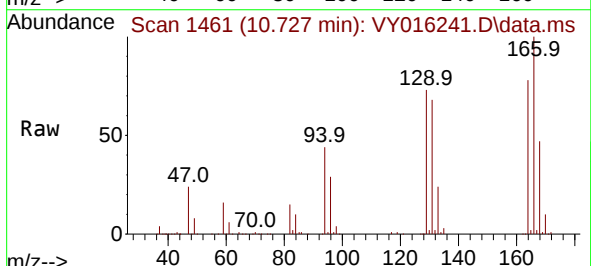
Tgt Ion:117 Resp: 236248
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.4 26.3 39.5

Manual Integrations
APPROVED

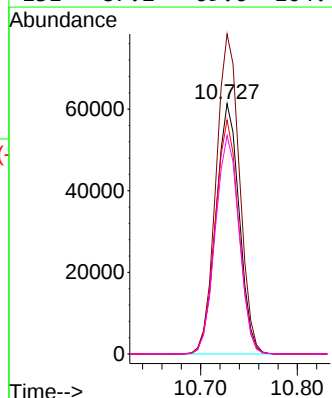
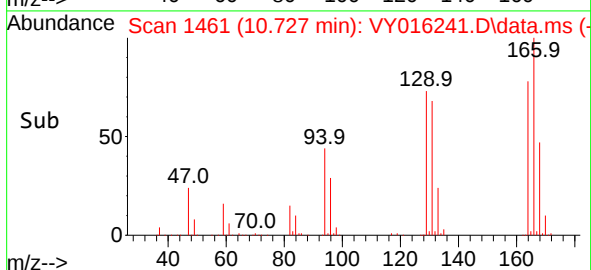
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

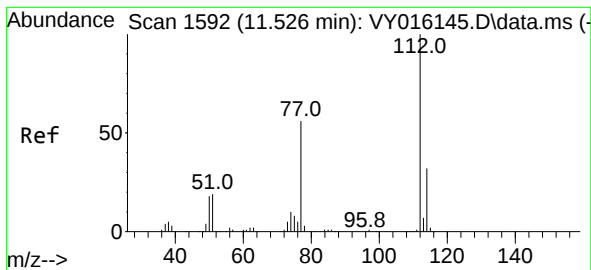


#64
Tetrachloroethene
Concen: 48.768 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54



Tgt Ion:164 Resp: 102481
Ion Ratio Lower Upper
164 100
166 127.8 103.0 154.6
129 93.4 77.2 115.8
131 87.2 69.6 104.4





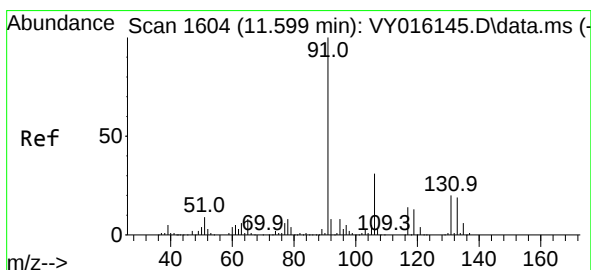
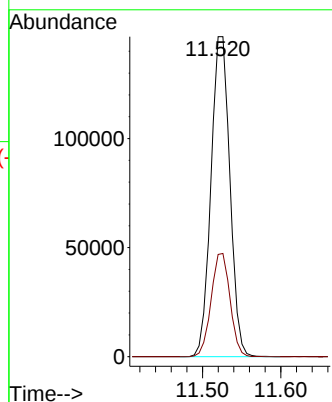
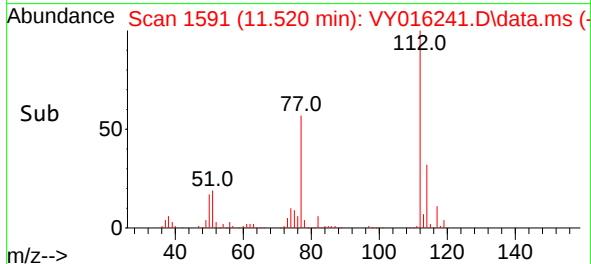
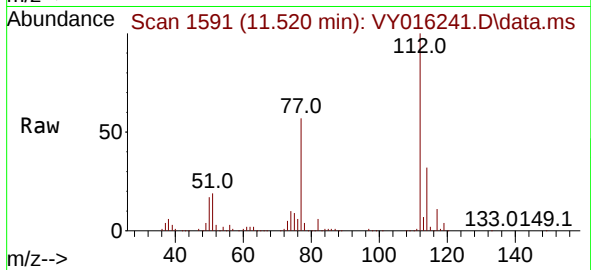
#65
Chlorobenzene
Concen: 52.374 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 245828
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3

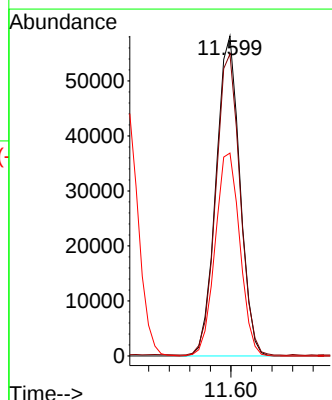
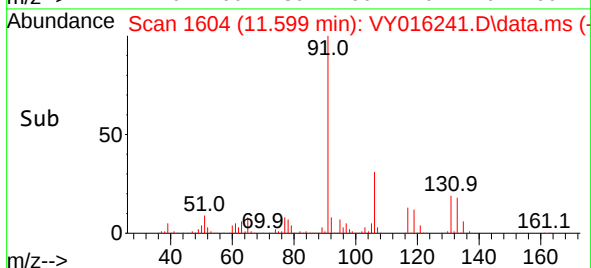
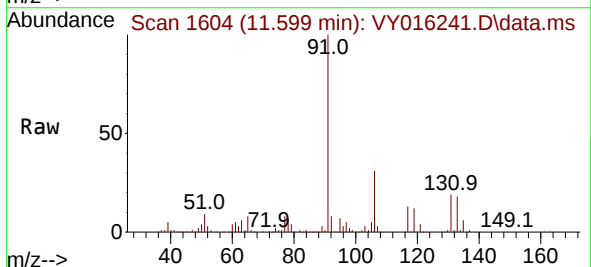
Manual Integrations
APPROVED

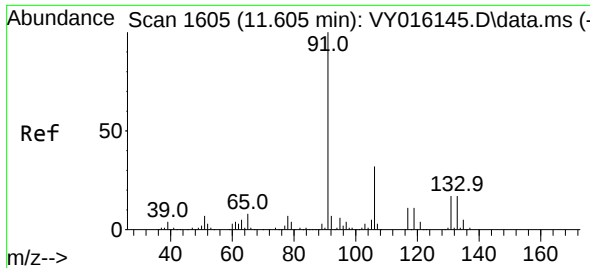
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.909 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Tgt Ion:131 Resp: 93720
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 65.7 31.6 94.7





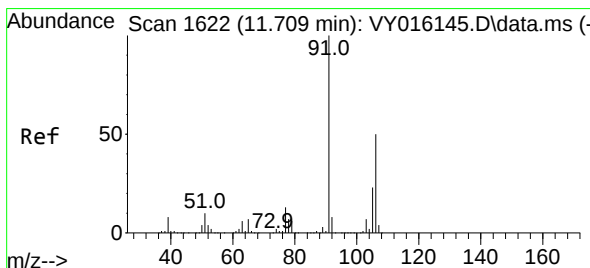
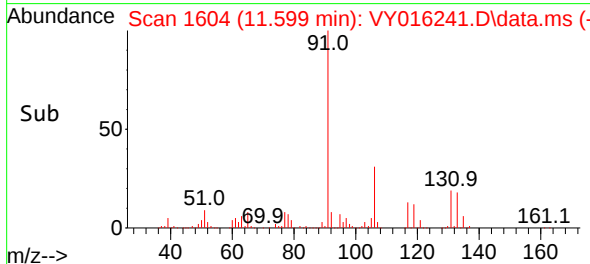
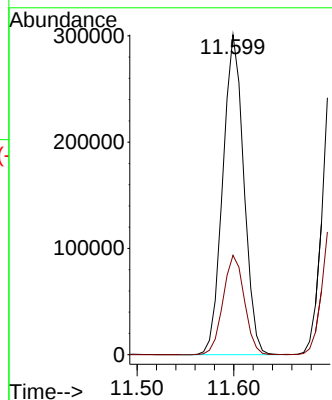
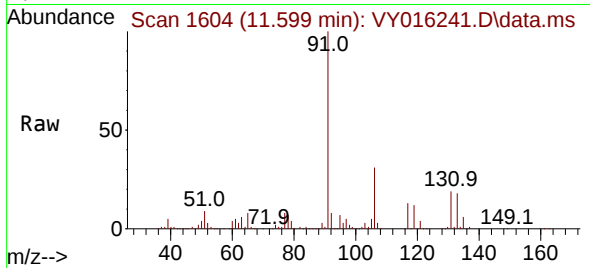
#67
Ethyl Benzene
Concen: 54.014 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 45346
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8

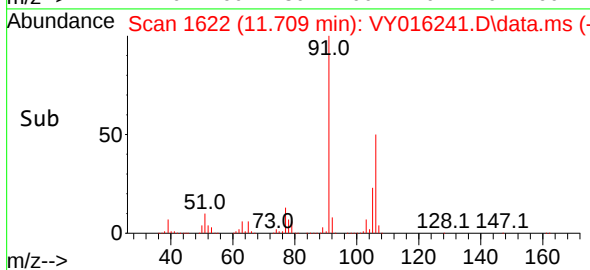
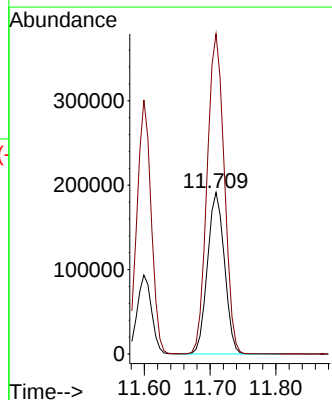
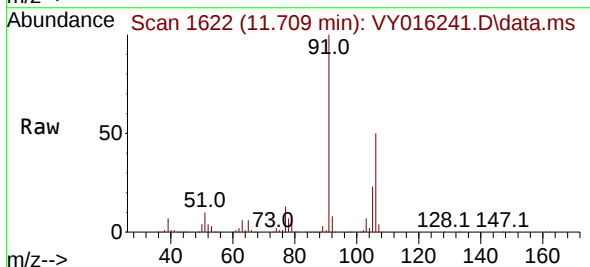
Manual Integrations
APPROVED

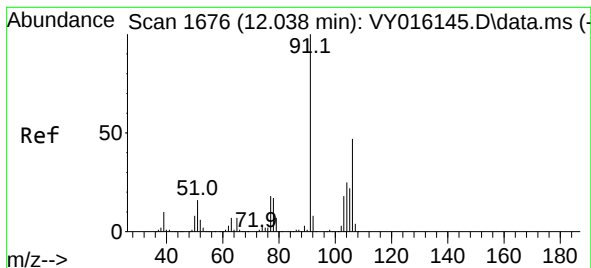
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#68
m/p-Xylenes
Concen: 106.003 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

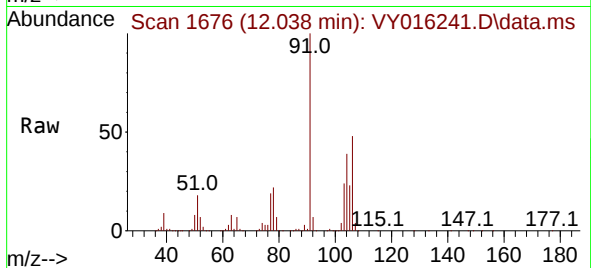
Tgt Ion:106 Resp: 343880
Ion Ratio Lower Upper
106 100
91 199.9 166.1 249.1





#69
o-Xylene
Concen: 53.498 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

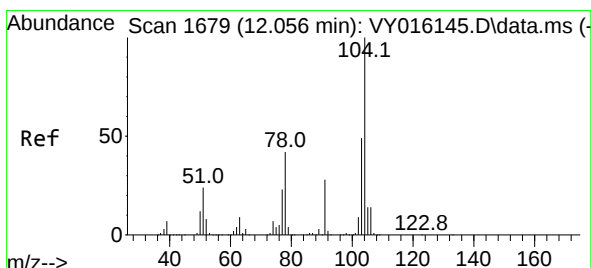
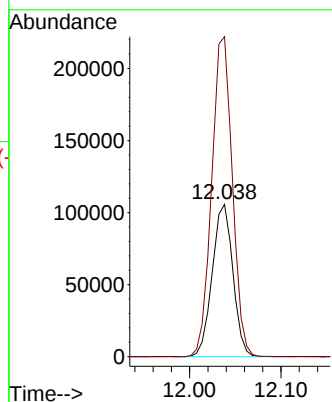
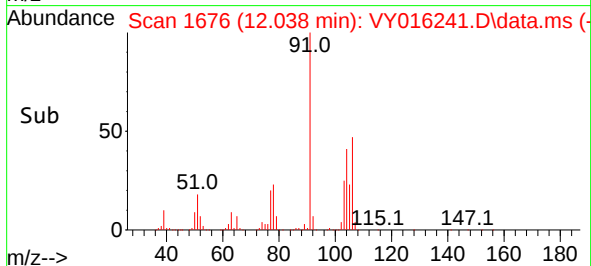
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



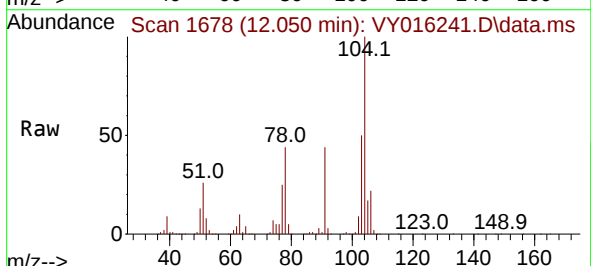
Tgt Ion:106 Resp: 165702
Ion Ratio Lower Upper
106 100
91 210.5 108.1 324.3

Manual Integrations
APPROVED

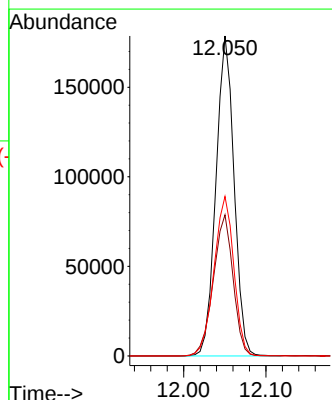
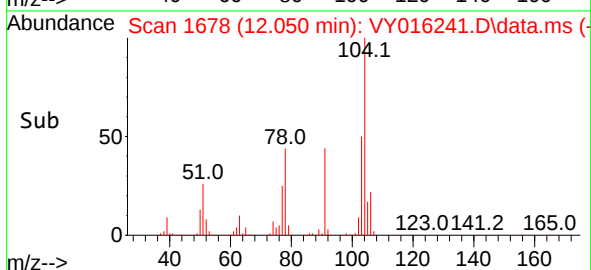
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

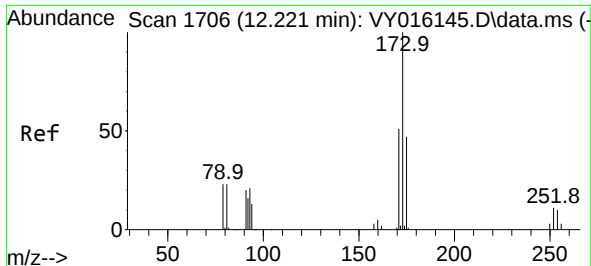


#70
Styrene
Concen: 53.029 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54



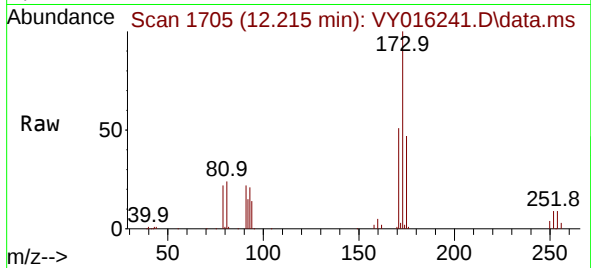
Tgt Ion:104 Resp: 273052
Ion Ratio Lower Upper
104 100
78 48.1 41.5 62.3
103 54.6 44.6 67.0





#71
Bromoform
Concen: 51.777 ug/l
RT: 12.215 min Scan# 1706
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

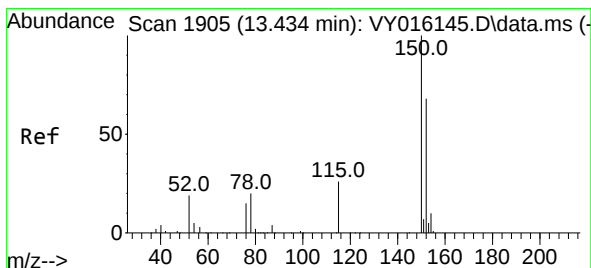
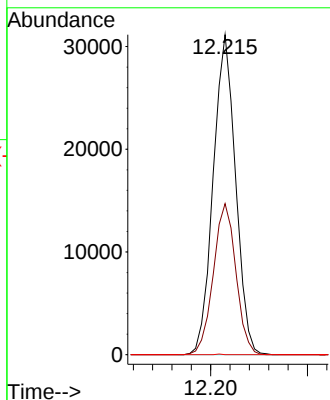
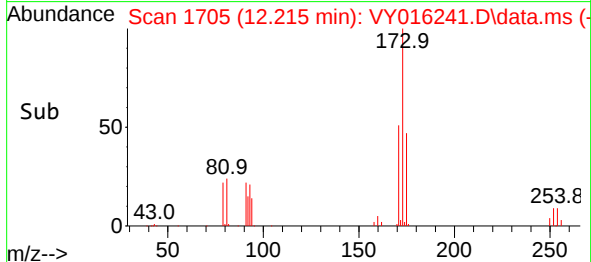
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



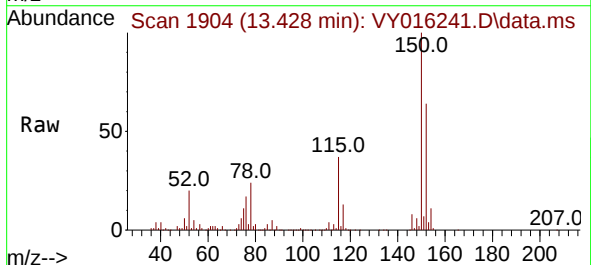
Tgt Ion:173 Resp: 49930
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

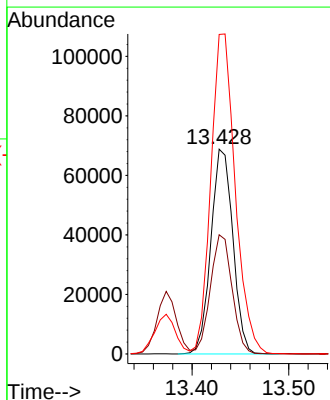
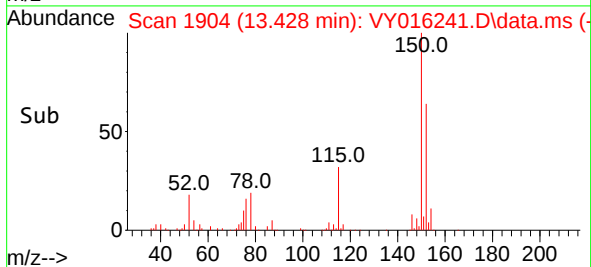
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

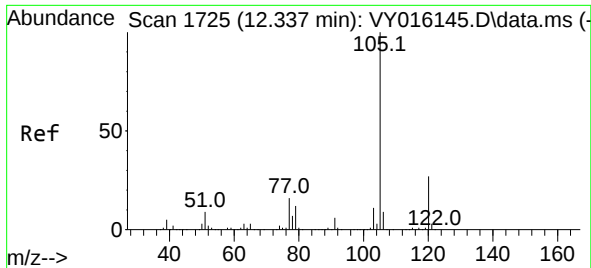


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54



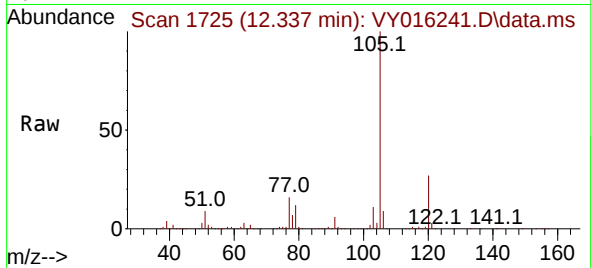
Tgt Ion:152 Resp: 108768
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 173.3 0.0 348.8





#73
Isopropylbenzene
Concen: 54.836 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

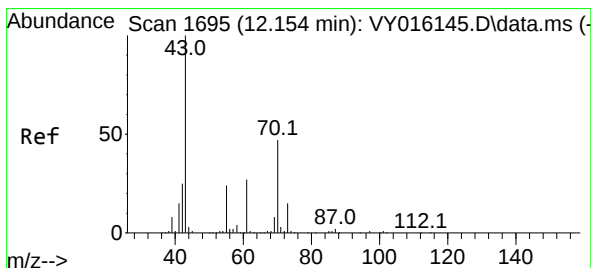
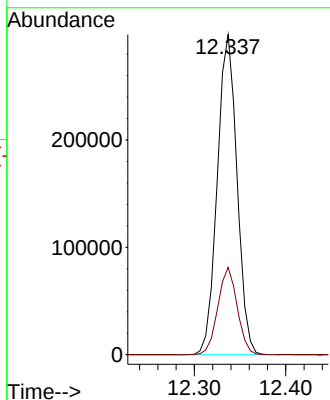
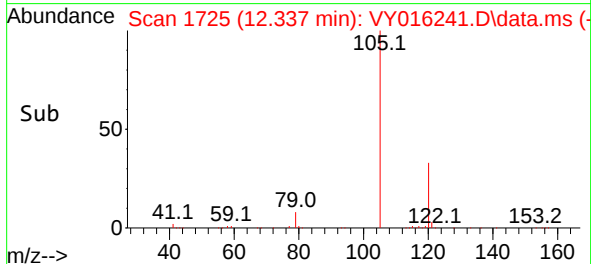
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



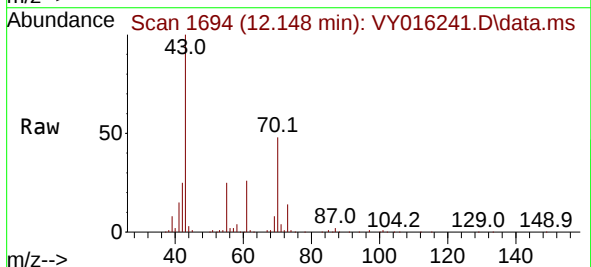
Tgt Ion:105 Resp: 44740
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

Manual Integrations
APPROVED

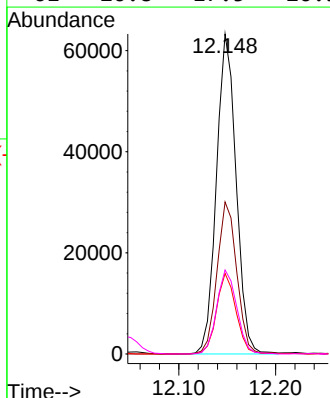
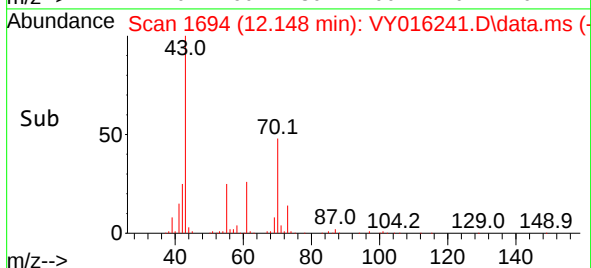
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

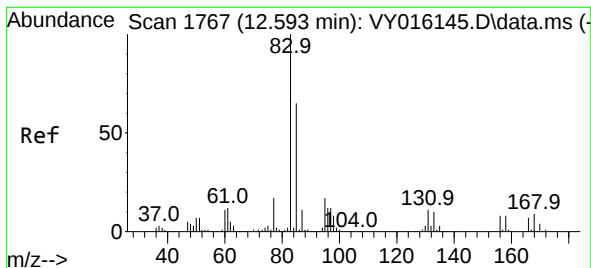


#74
N-ethyl acetate
Concen: 50.456 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54



Tgt Ion: 43 Resp: 89458
Ion Ratio Lower Upper
43 100
70 47.6 29.7 44.5#
55 25.0 18.3 27.5
61 26.8 17.5 26.3#





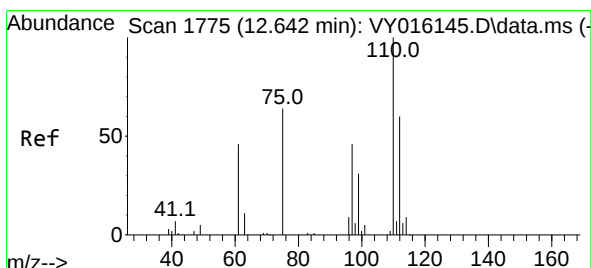
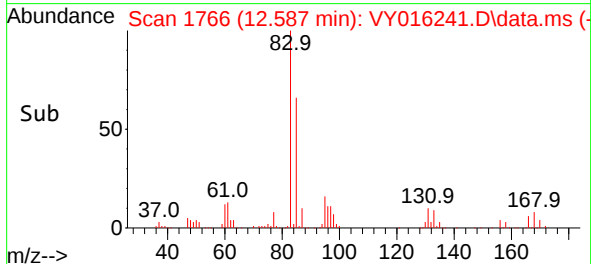
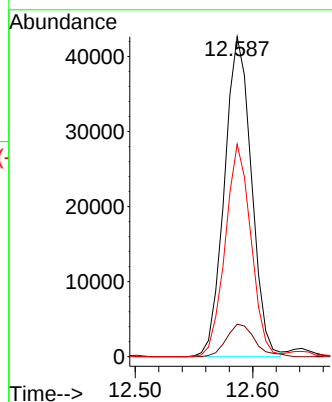
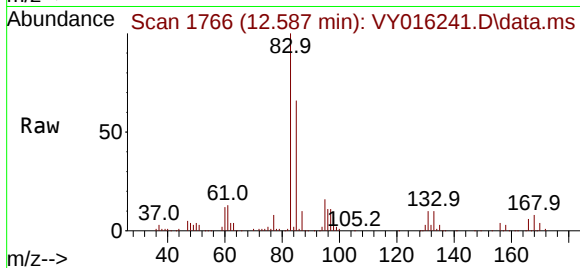
#75
1,1,2,2-Tetrachloroethane
Concen: 52.449 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 68094
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 63.3 31.8 95.4

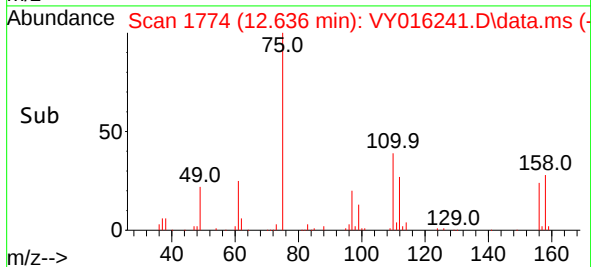
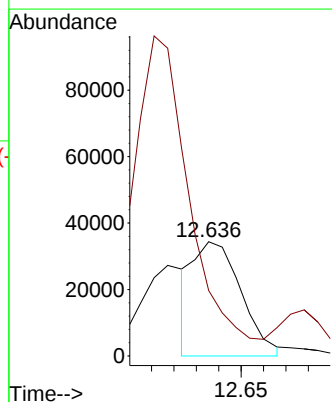
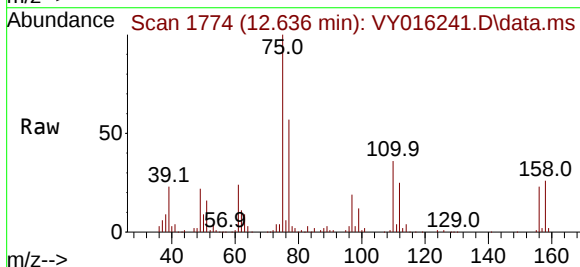
Manual Integrations
APPROVED

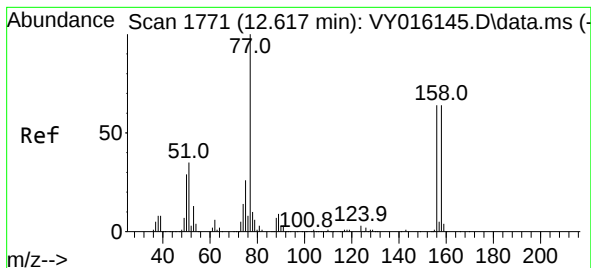
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#76
1,2,3-Trichloropropane
Concen: 50.135 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Tgt Ion: 75 Resp: 51352
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.320 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050EC

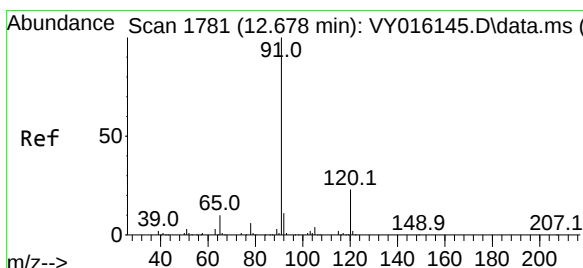
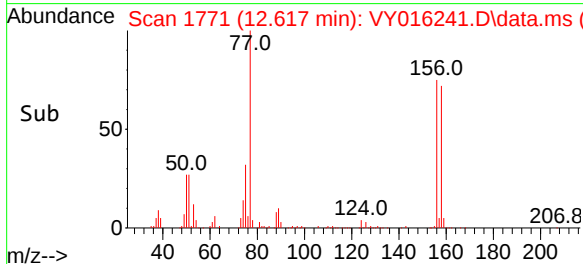
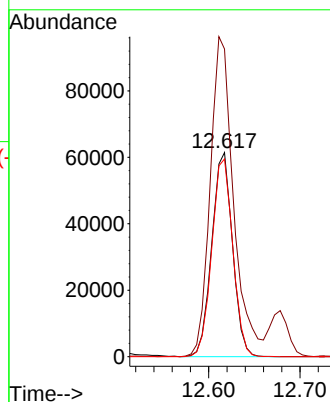
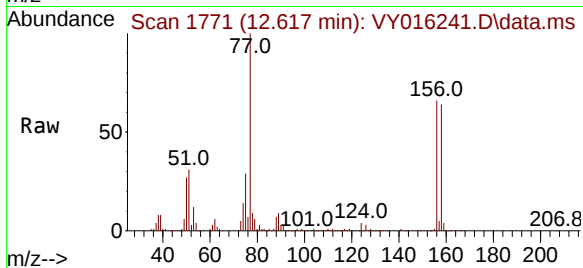
Tgt Ion:	156	Resp:	96659
Ion Ratio	Lower	Upper	
156	100		
77	177.1	92.8	278.6
158	98.2	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#78

n-propylbenzene

Concen: 55.048 ug/l

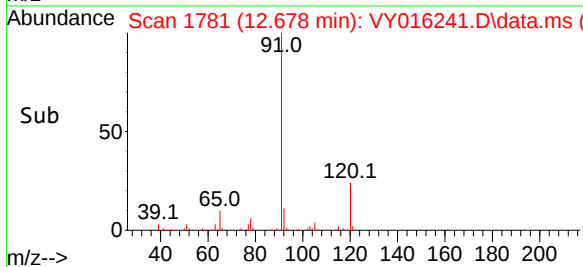
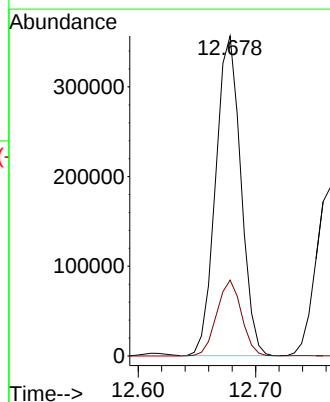
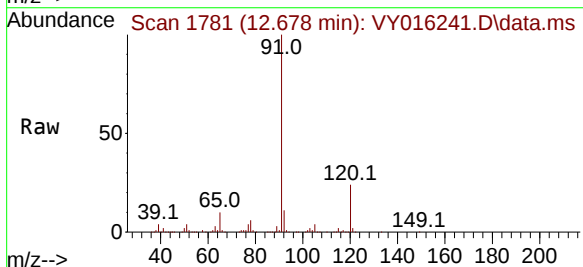
RT: 12.678 min Scan# 1781

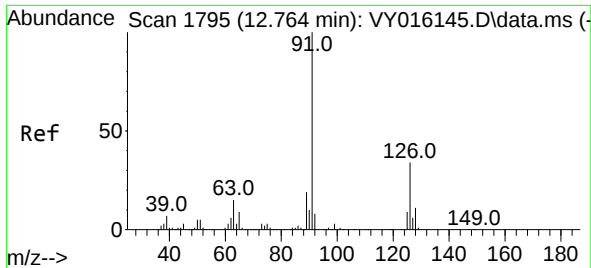
Delta R.T. -0.000 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

Tgt Ion:	91	Resp:	530992
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4





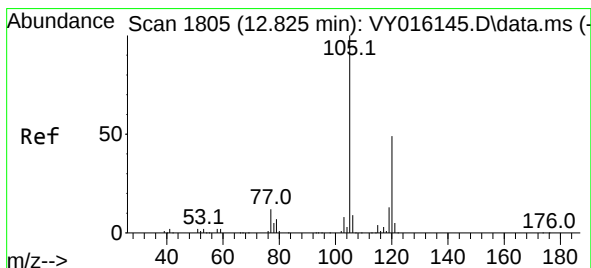
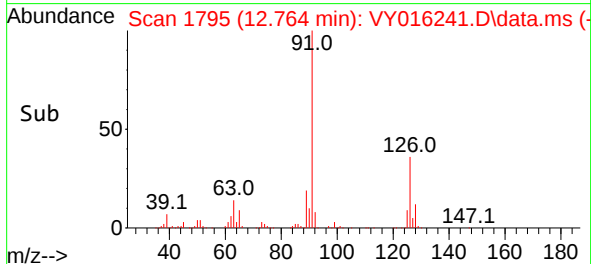
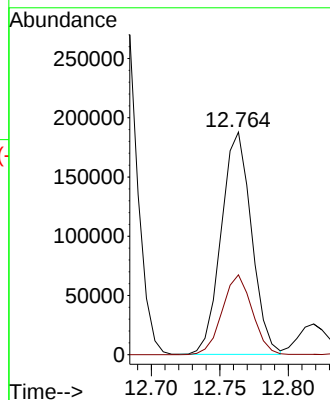
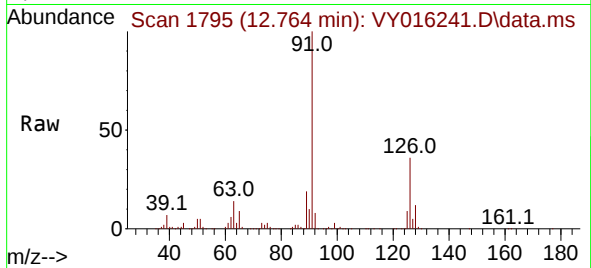
#79
2-Chlorotoluene
Concen: 53.677 ug/l
RT: 12.764 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 288784
Ion Ratio Lower Upper
91 100
126 35.6 17.3 51.7

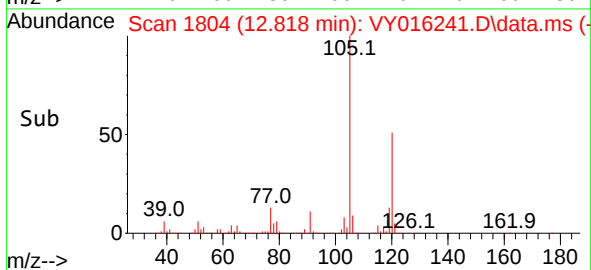
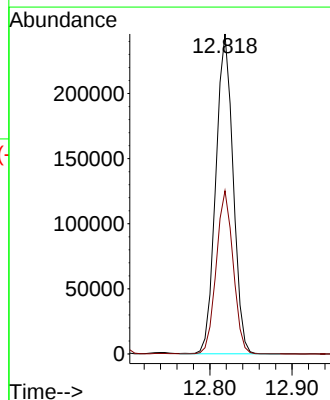
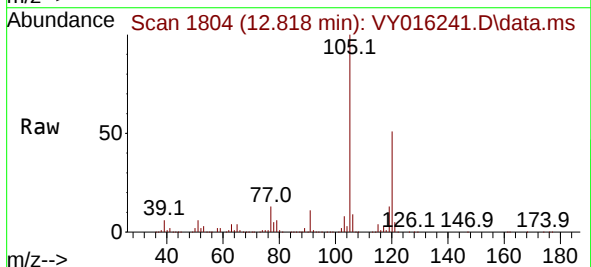
Manual Integrations
APPROVED

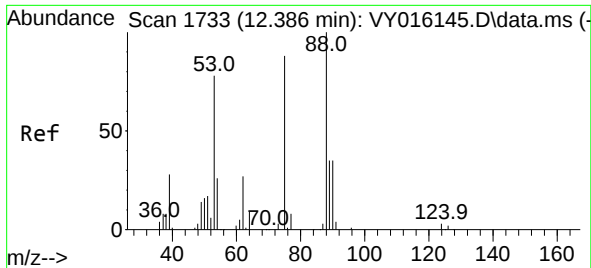
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 54.363 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

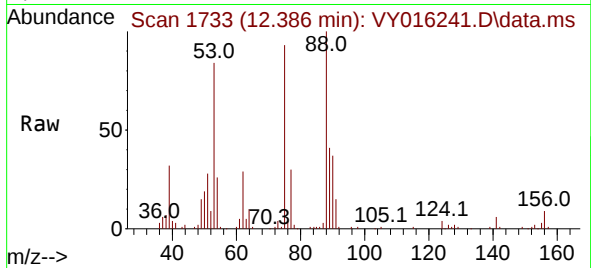
Tgt Ion:105 Resp: 359345
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 51.951 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

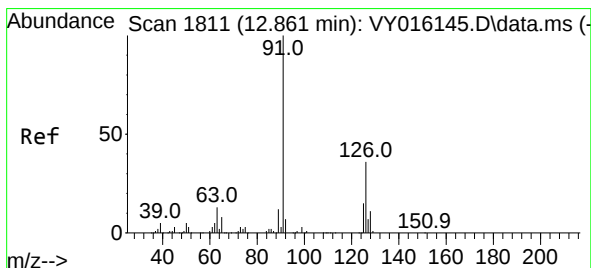
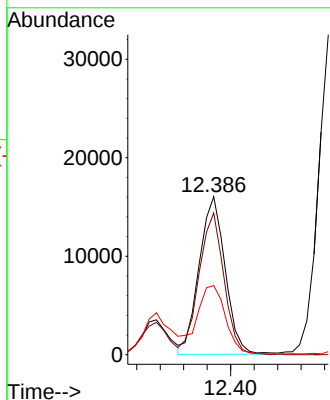
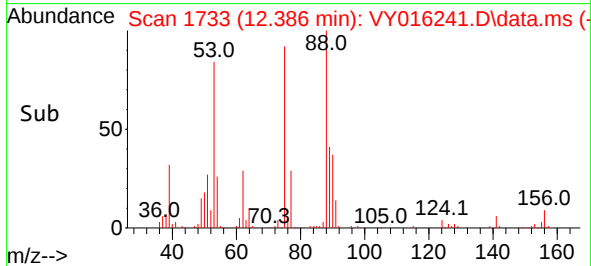
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2454
Ion Ratio Lower Upper
75 100
53 86.8 77.8 116.8
89 49.6 37.4 56.0

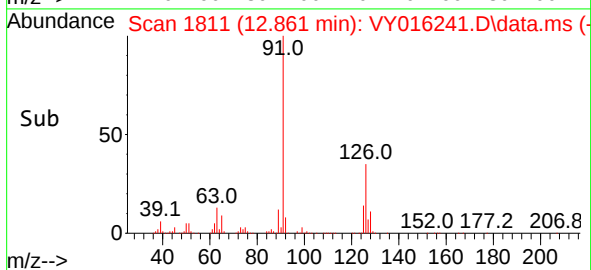
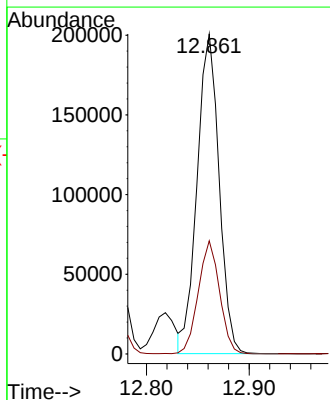
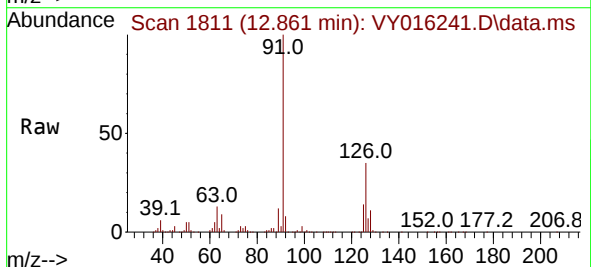
Manual Integrations
APPROVED

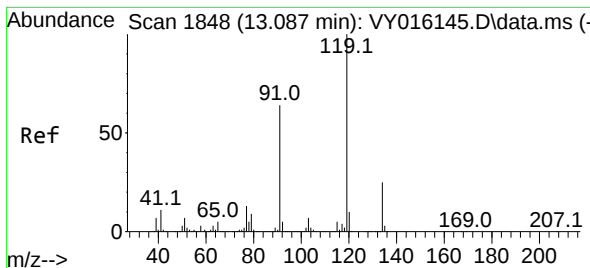
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#82
4-Chlorotoluene
Concen: 53.938 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Tgt Ion: 91 Resp: 297987
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





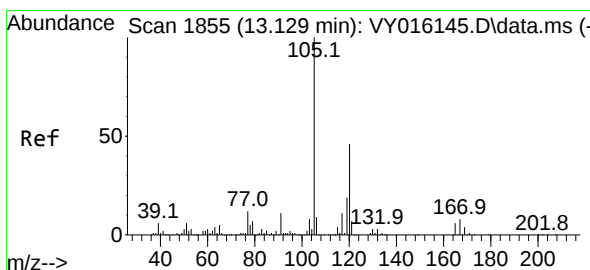
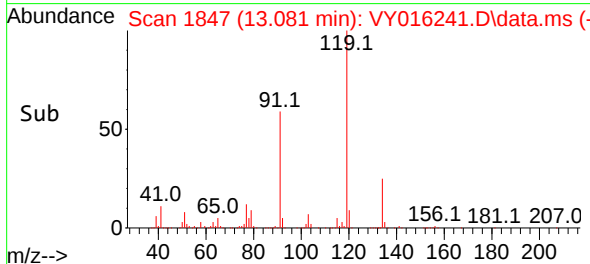
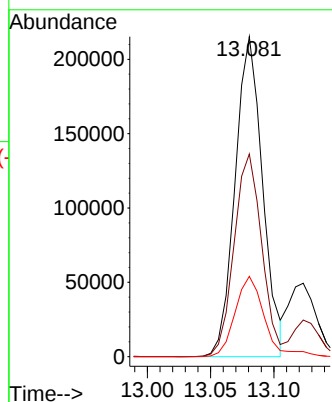
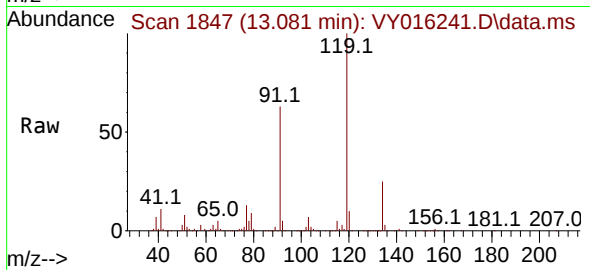
#83
tert-Butylbenzene
Concen: 55.240 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 32671
Ion Ratio Lower Upper
119 100
91 63.5 32.9 98.6
134 26.6 13.0 38.9

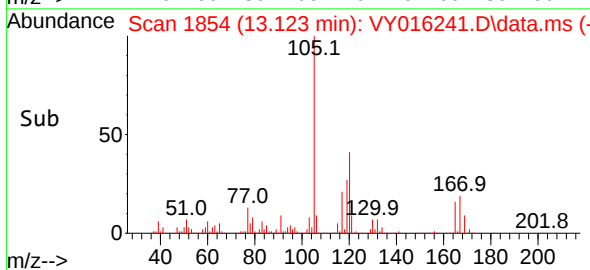
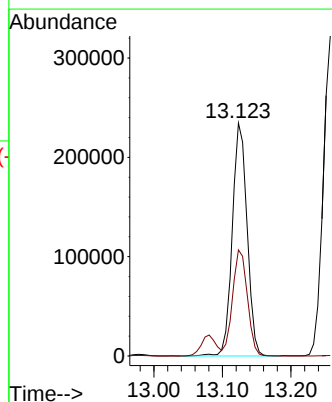
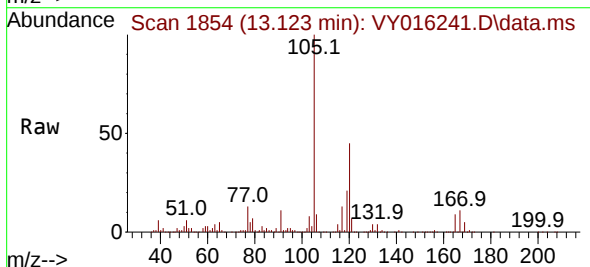
Manual Integrations
APPROVED

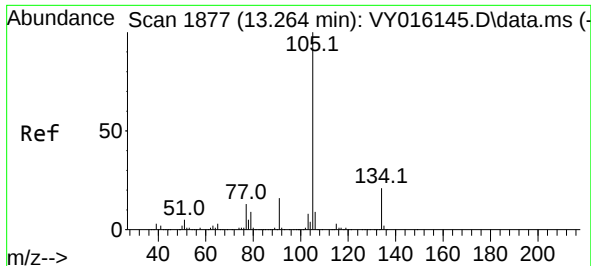
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 53.792 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Tgt Ion:105 Resp: 351839
Ion Ratio Lower Upper
105 100
120 45.6 22.2 66.6





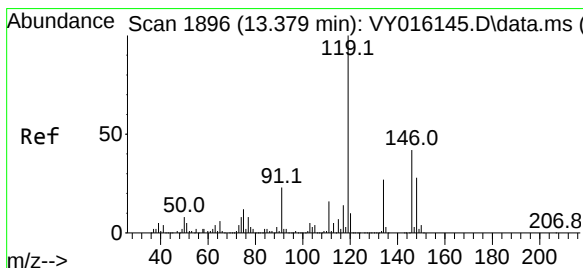
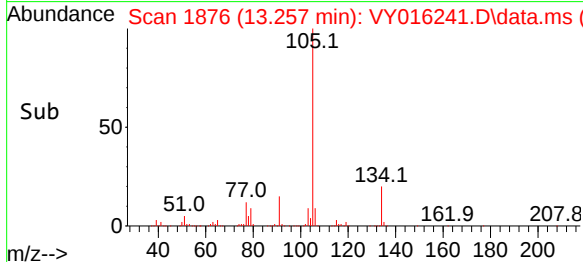
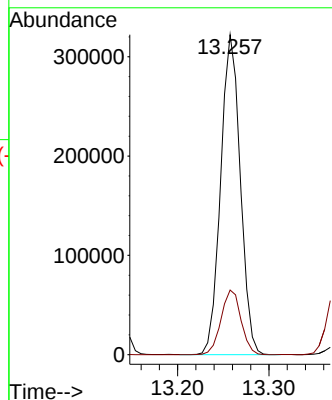
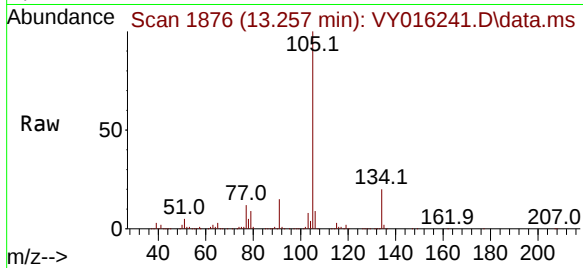
#85
 sec-Butylbenzene
 Concen: 55.426 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY016241.D
 Acq: 06 Nov 2023 16:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 48114
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

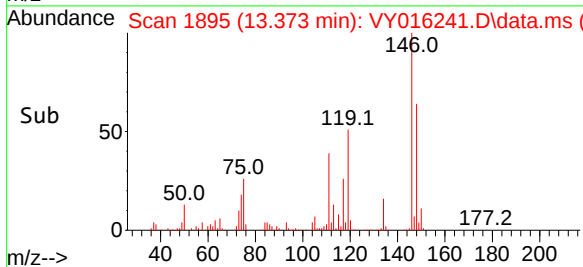
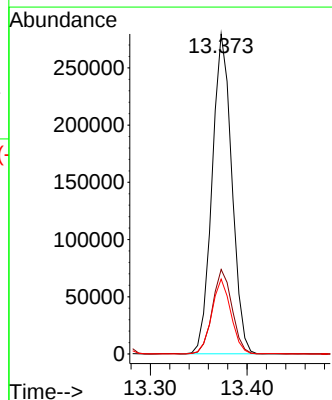
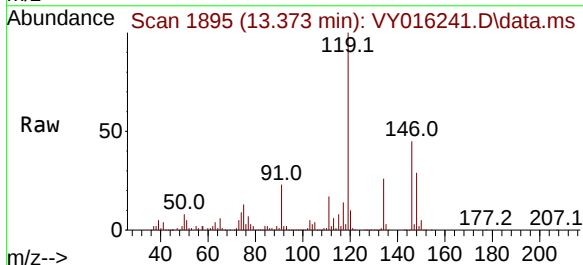
Manual Integrations
 APPROVED

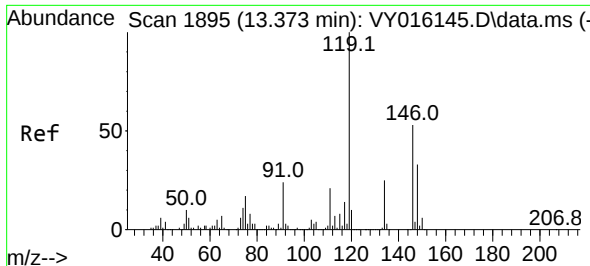
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#86
 p-Isopropyltoluene
 Concen: 55.145 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY016241.D
 Acq: 06 Nov 2023 16:54

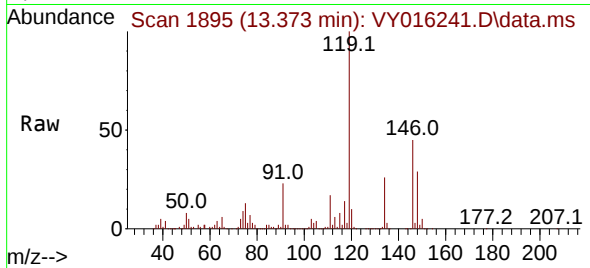
Tgt Ion:119 Resp: 396743
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 22.6 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 52.713 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

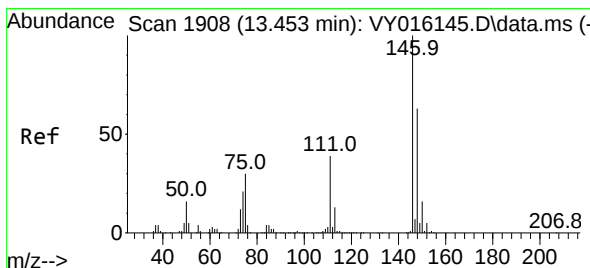
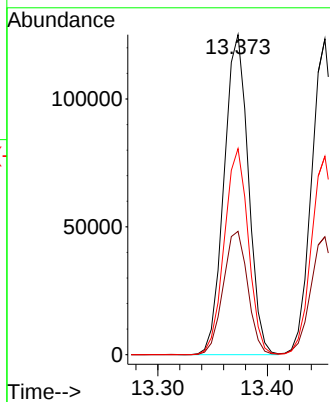
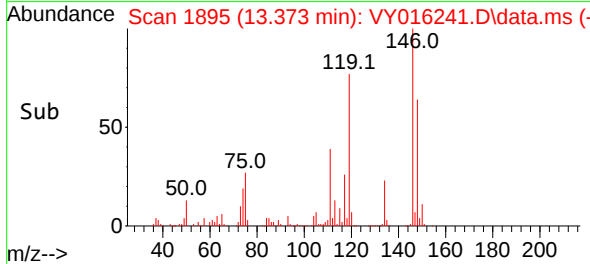
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



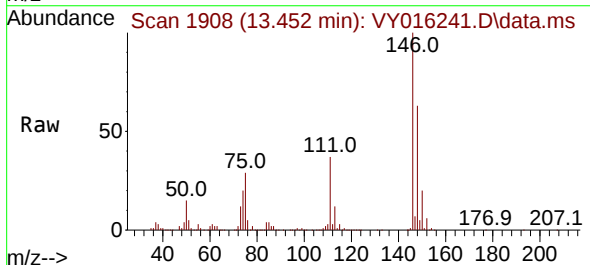
Tgt Ion:146 Resp: 19260
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 63.6 31.9 95.5

Manual Integrations
APPROVED

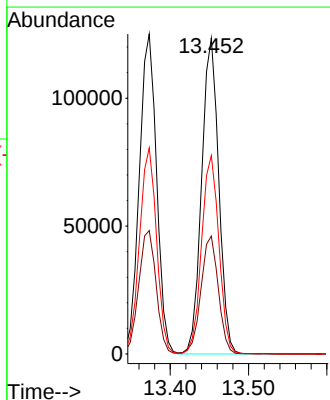
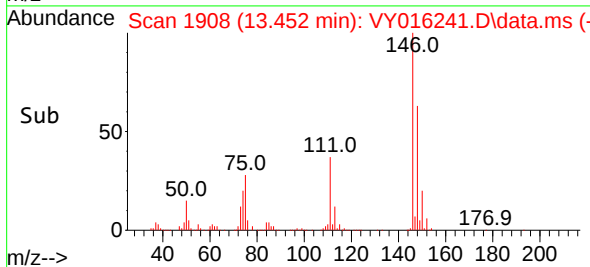
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

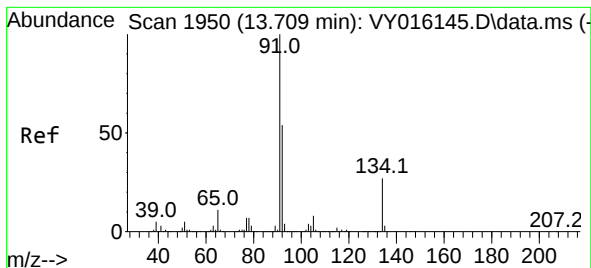


#88
1,4-Dichlorobenzene
Concen: 51.846 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54



Tgt Ion:146 Resp: 187229
Ion Ratio Lower Upper
146 100
111 37.9 18.9 56.7
148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 54.890 ug/l

RT: 13.702 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

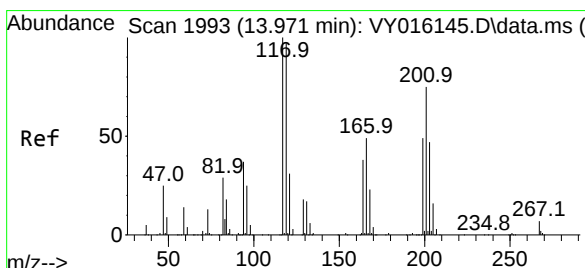
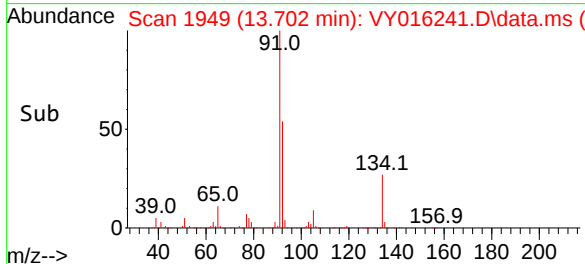
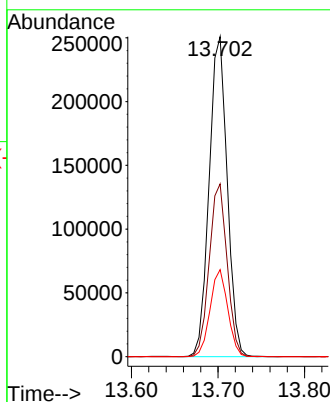
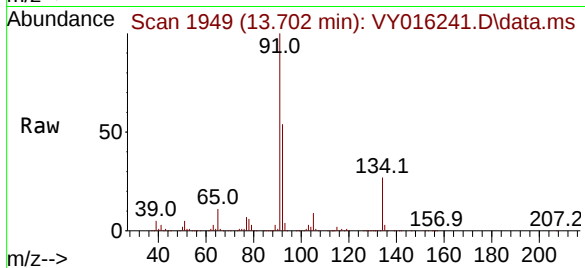
Tgt Ion:	91	Resp:	36286
Ion Ratio	Lower	Upper	
91	100		
92	53.6	25.4	76.0
134	26.7	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#90

Hexachloroethane

Concen: 59.843 ug/l

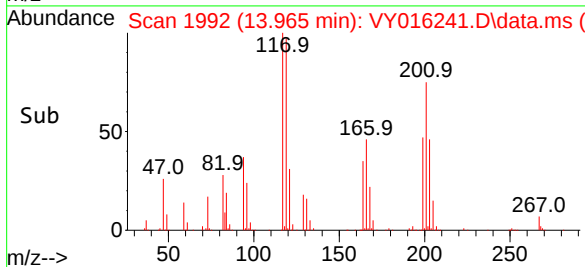
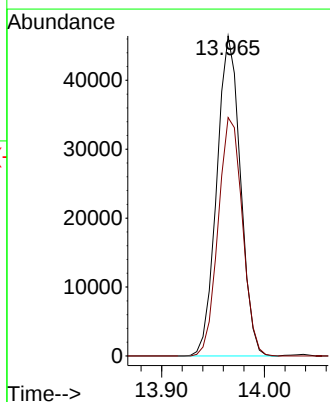
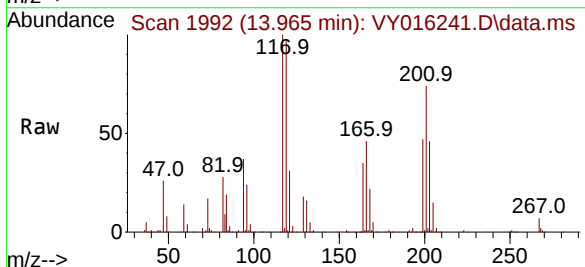
RT: 13.965 min Scan# 1992

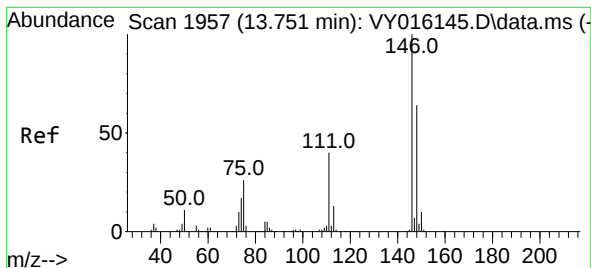
Delta R.T. -0.006 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

Tgt Ion:	117	Resp:	74195
Ion Ratio	Lower	Upper	
117	100		
201	76.2	41.6	124.8





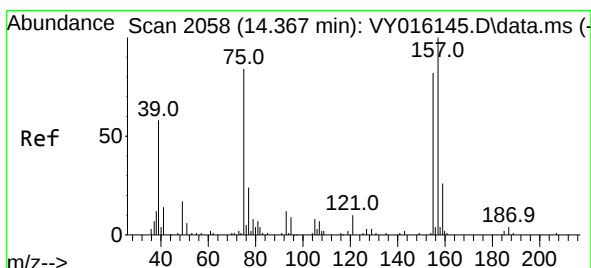
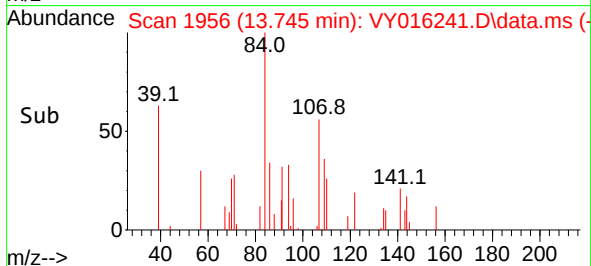
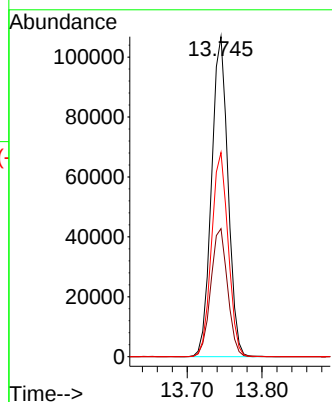
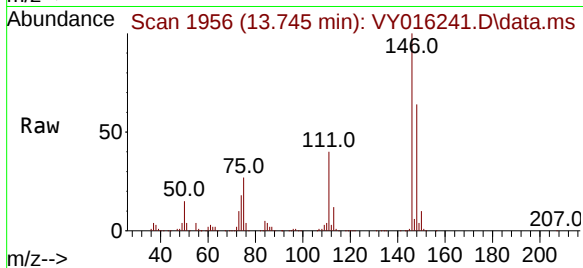
#91
1,2-Dichlorobenzene
Concen: 51.953 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 16401
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 64.4 32.0 96.2

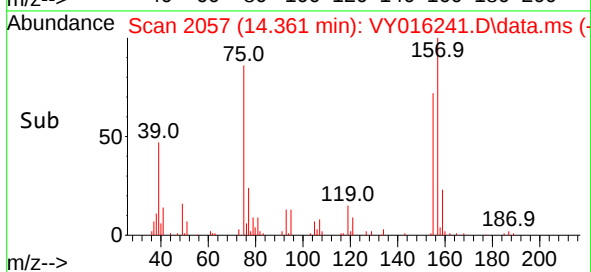
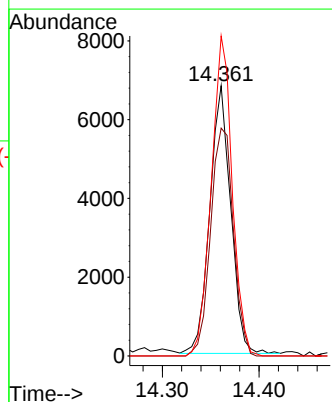
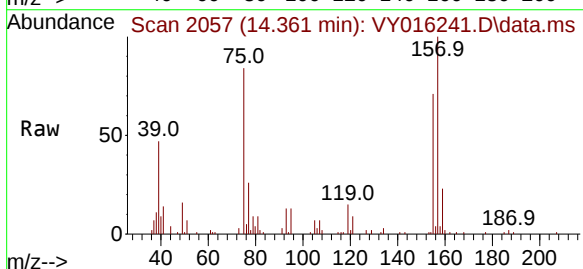
Manual Integrations
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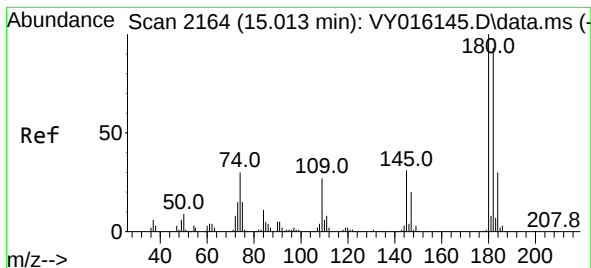
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.007 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Tgt Ion: 75 Resp: 10225
Ion Ratio Lower Upper
75 100
155 92.9 41.5 124.6
157 119.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.884 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

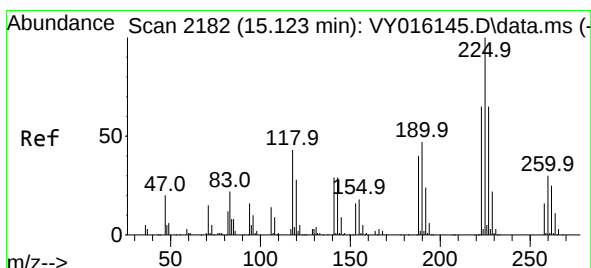
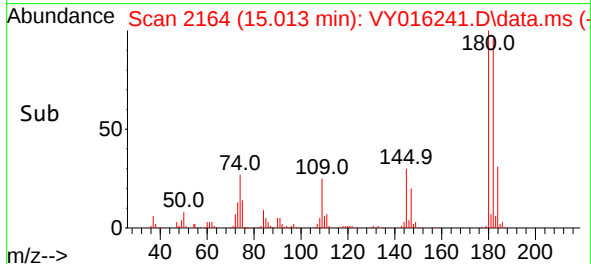
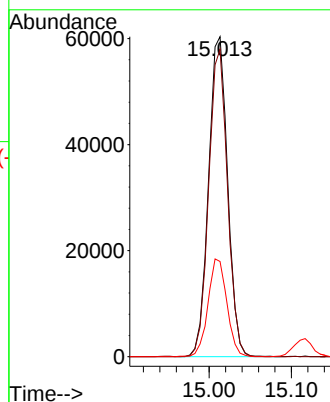
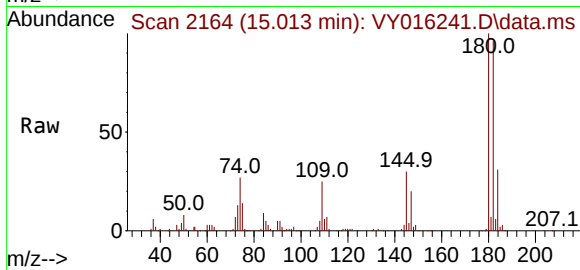
Tgt Ion:180	Resp:	9719
Ion Ratio	Lower	Upper
180	100	
182	94.6	47.0 141.2
145	30.3	14.5 43.5

Manual Integrations

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Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#94

Hexachlorobutadiene

Concen: 52.131 ug/l

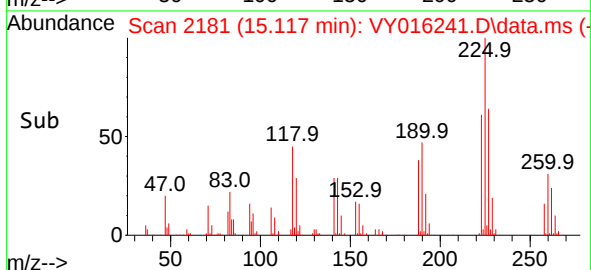
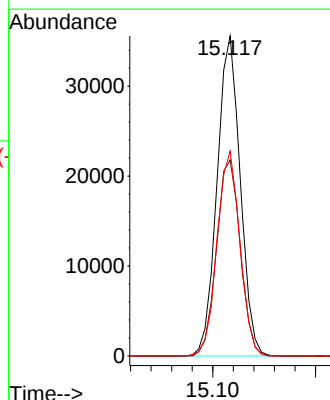
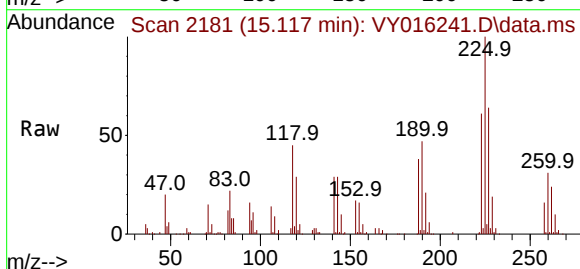
RT: 15.117 min Scan# 2181

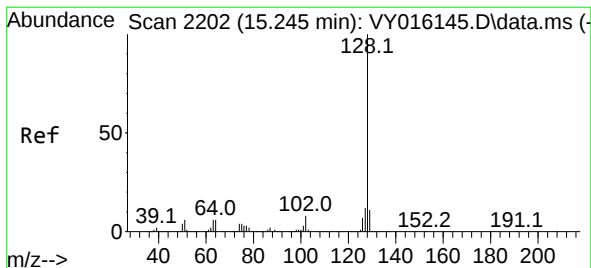
Delta R.T. -0.006 min

Lab File: VY016241.D

Acq: 06 Nov 2023 16:54

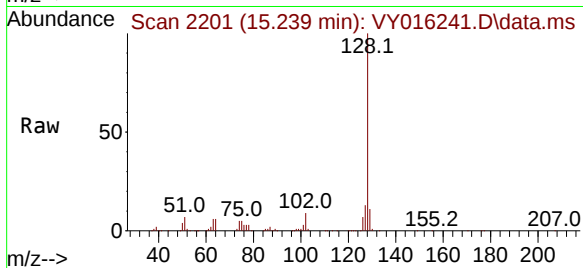
Tgt Ion:225	Resp:	55506
Ion Ratio	Lower	Upper
225	100	
223	62.6	31.9 95.9
227	63.3	33.0 98.9





#95
Naphthalene
Concen: 54.284 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

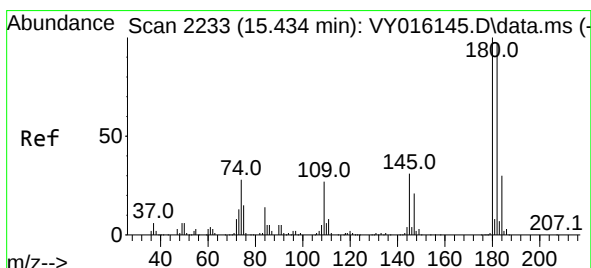
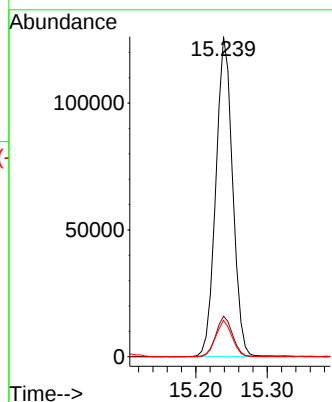
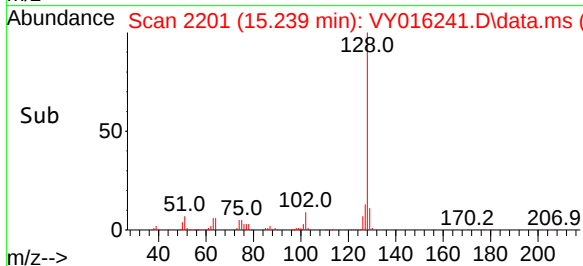
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 20548
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.960 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY016241.D
Acq: 06 Nov 2023 16:54

Tgt Ion:180 Resp: 78163
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.8
145 32.2 15.4 46.2

