

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113023\
 Data File : VY016544.D
 Acq On : 30 Nov 2023 09:58
 Operator : SY/MD
 Sample : VY1130SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 00:56:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	173132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	262155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	227487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	103781	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	70163	51.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.600%	
35) Dibromofluoromethane	7.740	113	80249	52.157	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.320%	
50) Toluene-d8	10.197	98	310259	51.991	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	12.501	95	99444	53.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.240%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.918	85	33149	21.980	ug/l 96
3) Chloromethane	2.125	50	31040	20.632	ug/l 99
4) Vinyl Chloride	2.265	62	36329	21.395	ug/l 97
5) Bromomethane	2.668	94	23426	21.312	ug/l 97
6) Chloroethane	2.814	64	22138	20.195	ug/l 92
7) Trichlorofluoromethane	3.143	101	61898	21.056	ug/l 99
8) Diethyl Ether	3.552	74	16233	20.791	ug/l 78
9) 1,1,2-Trichlorotrifluo...	3.918	101	35613	21.342	ug/l 98
10) Methyl Iodide	4.119	142	38331	20.303	ug/l 97
11) Tert butyl alcohol	4.978	59	9304	107.320	ug/l # 84
12) 1,1-Dichloroethene	3.899	96	32354	20.746	ug/l 82
13) Acrolein	3.753	56	15845	96.453	ug/l 97
14) Allyl chloride	4.509	41	36558	20.391	ug/l # 87
15) Acrylonitrile	5.192	53	28815	104.293	ug/l 98
16) Acetone	3.972	43	33455	123.969	ug/l 90
17) Carbon Disulfide	4.222	76	88844	20.192	ug/l 99
18) Methyl Acetate	4.503	43	19914	19.669	ug/l # 82
19) Methyl tert-butyl Ether	5.247	73	72095	21.213	ug/l 93
20) Methylene Chloride	4.747	84	37493	21.931	ug/l # 80
21) trans-1,2-Dichloroethene	5.253	96	35824	20.624	ug/l 86
22) Diisopropyl ether	6.149	45	80617	21.444	ug/l # 85
23) Vinyl Acetate	6.088	43	185834	107.192	ug/l # 84
24) 1,1-Dichloroethane	6.045	63	55648	20.975	ug/l 98
25) 2-Butanone	7.008	43	42920	116.301	ug/l # 85
26) 2,2-Dichloropropane	7.008	77	54842	20.915	ug/l 95
27) cis-1,2-Dichloroethene	7.015	96	39664	21.255	ug/l 86
28) Bromochloromethane	7.356	49	18904	19.715	ug/l # 65
29) Tetrahydrofuran	7.374	42	21084	106.348	ug/l # 77
30) Chloroform	7.533	83	62851	21.254	ug/l 99
31) Cyclohexane	7.813	56	49022	20.415	ug/l # 71
32) 1,1,1-Trichloroethane	7.728	97	60066	20.961	ug/l 96
36) 1,1-Dichloropropene	7.941	75	48571	21.377	ug/l 97
37) Ethyl Acetate	7.100	43	15524	21.800	ug/l # 88
38) Carbon Tetrachloride	7.929	117	57729	21.648	ug/l 97
39) Methylcyclohexane	9.203	83	58952	20.802	ug/l 87
40) Benzene	8.185	78	138239	21.459	ug/l 100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	7282	19.412	ug/l #	87
42) 1,2-Dichloroethane	8.258	62	34628	21.691	ug/l	89
43) Isopropyl Acetate	8.295	43	29184	20.841	ug/l #	81
44) Trichloroethene	8.965	130	42410	21.373	ug/l	87
45) 1,2-Dichloropropane	9.240	63	30851	21.223	ug/l	93
46) Dibromomethane	9.325	93	17160	20.994	ug/l	94
47) Bromodichloromethane	9.514	83	46602	21.594	ug/l	94
48) Methyl methacrylate	9.313	41	16315	20.753	ug/l #	73
49) 1,4-Dioxane	9.313	88	3570	471.208	ug/l #	71
51) 4-Methyl-2-Pentanone	10.087	43	76846	105.194	ug/l #	82
52) Toluene	10.264	92	88274	21.331	ug/l	95
53) t-1,3-Dichloropropene	10.483	75	42268	21.136	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	51837	21.391	ug/l #	83
55) 1,1,2-Trichloroethane	10.660	97	25152	21.325	ug/l	94
56) Ethyl methacrylate	10.526	69	21269	21.308	ug/l #	77
57) 1,3-Dichloropropane	10.813	76	41049	21.606	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	63075	102.191	ug/l #	86
59) 2-Hexanone	10.849	43	68091	118.001	ug/l	80
60) Dibromochloromethane	11.002	129	33371	21.646	ug/l	99
61) 1,2-Dibromoethane	11.111	107	23717	21.293	ug/l	99
64) Tetrachloroethene	10.739	164	42733	21.107	ug/l	96
65) Chlorobenzene	11.532	112	97935	21.497	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	37367	21.396	ug/l	99
67) Ethyl Benzene	11.611	91	171297	21.420	ug/l	98
68) m/p-Xylenes	11.721	106	131761	42.573	ug/l	93
69) o-Xylene	12.050	106	61727	21.725	ug/l	93
70) Styrene	12.062	104	87716	21.456	ug/l	97
71) Bromoform	12.227	173	18999	21.061	ug/l #	99
73) Isopropylbenzene	12.349	105	169771	21.571	ug/l	99
74) N-amyl acetate	12.160	43	24014	21.606	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.599	83	24808	21.235	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	33336	38.257	ug/l #	100
77) Bromobenzene	12.629	156	38709	21.123	ug/l	87
78) n-propylbenzene	12.690	91	195583	21.722	ug/l	97
79) 2-Chlorotoluene	12.776	91	106977	21.361	ug/l	97
80) 1,3,5-Trimethylbenzene	12.831	105	138785	21.937	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.398	75	8453	21.157	ug/l	86
82) 4-Chlorotoluene	12.873	91	112324	21.845	ug/l	98
83) tert-Butylbenzene	13.093	119	122155	21.395	ug/l	96
84) 1,2,4-Trimethylbenzene	13.135	105	134600	21.852	ug/l	97
85) sec-Butylbenzene	13.270	105	174161	22.055	ug/l	99
86) p-Isopropyltoluene	13.385	119	149812	21.958	ug/l	98
87) 1,3-Dichlorobenzene	13.385	146	74042	21.397	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	73123	21.590	ug/l	99
89) n-Butylbenzene	13.715	91	130785	21.870	ug/l	96
90) Hexachloroethane	13.977	117	28557	21.452	ug/l	95
91) 1,2-Dichlorobenzene	13.757	146	63966	21.812	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3405	20.718	ug/l	81
93) 1,2,4-Trichlorobenzene	15.025	180	33402	20.737	ug/l	99
94) Hexachlorobutadiene	15.129	225	22496	22.149	ug/l	97
95) Naphthalene	15.257	128	52487	19.717	ug/l	98
96) 1,2,3-Trichlorobenzene	15.446	180	26193	20.515	ug/l	98

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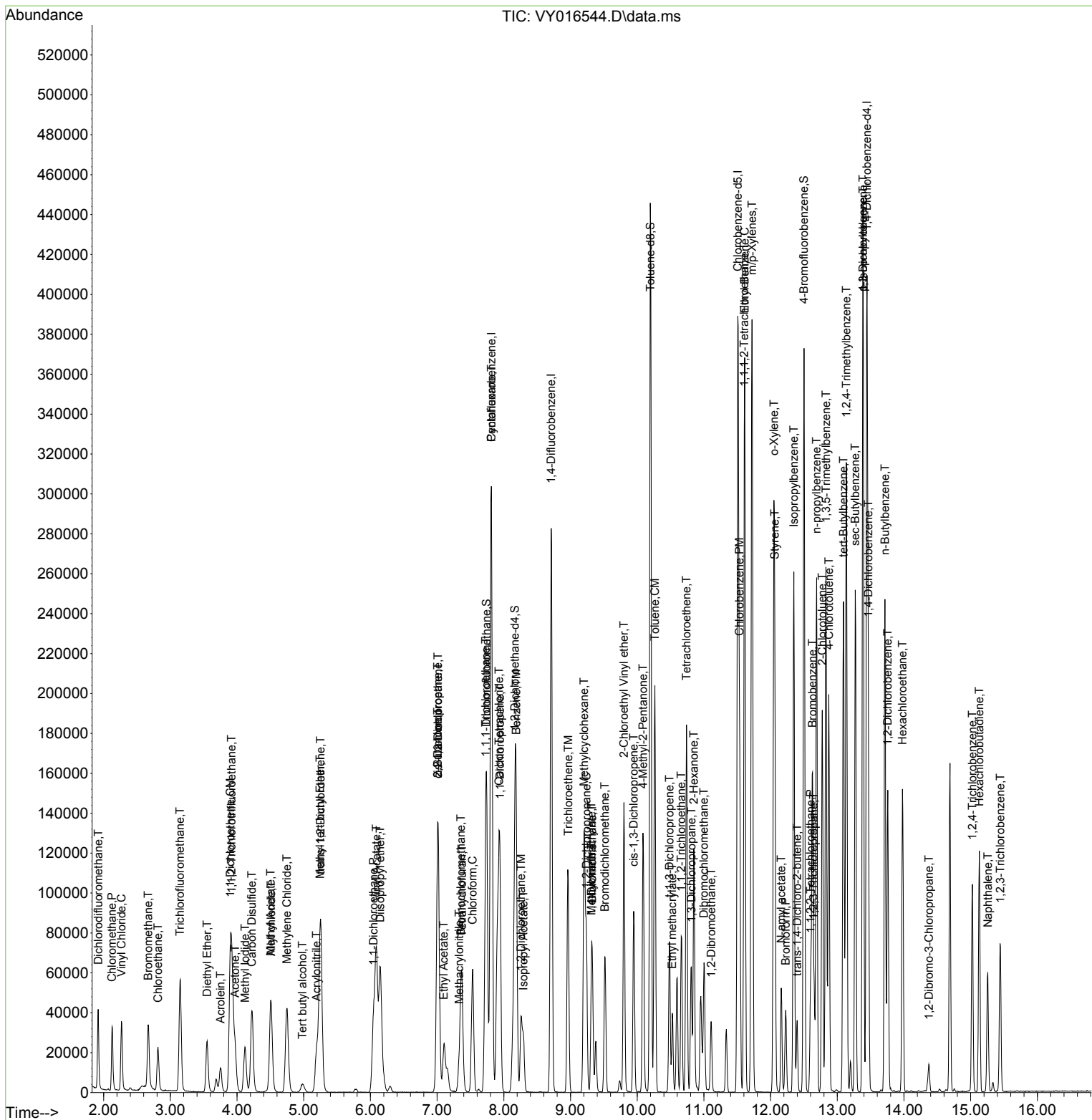
Instrument :
MSVOA_Y
ClientSampleId :

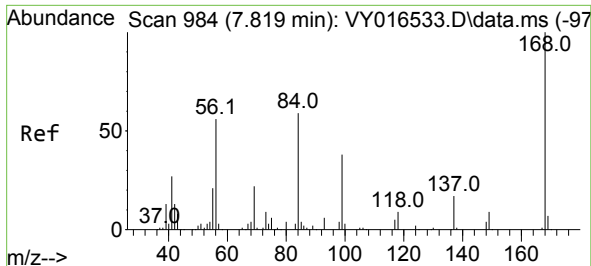
Quant Time: Dec 01 00:56:24 2023
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Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 2023
Response via : Initial Calibration

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
Quant Title : SW846 8260
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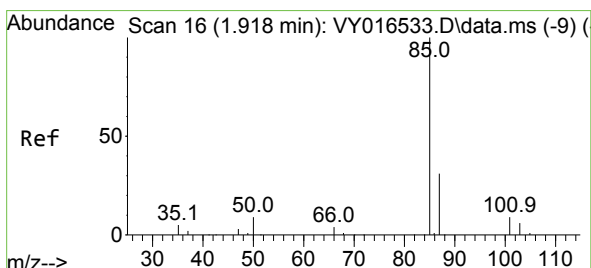
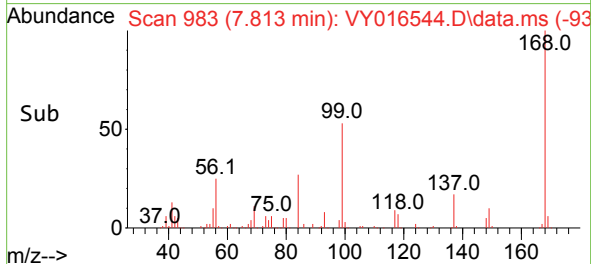
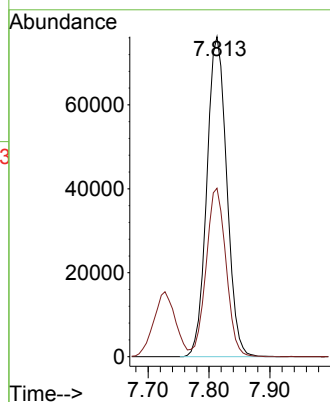
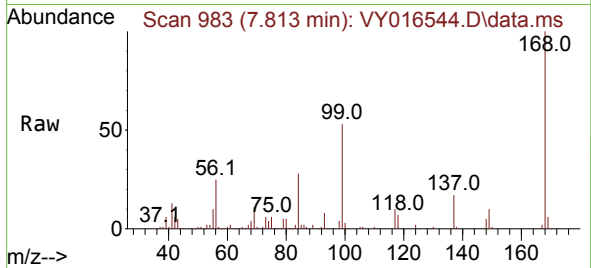




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

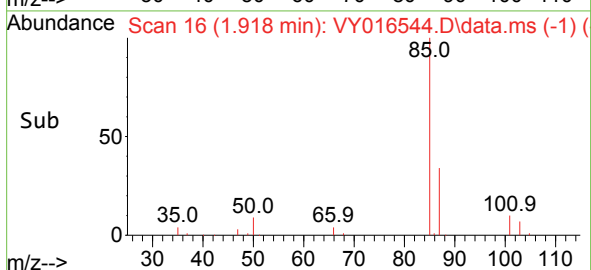
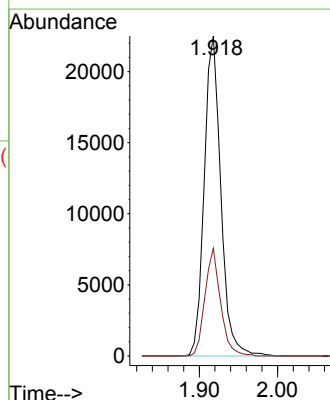
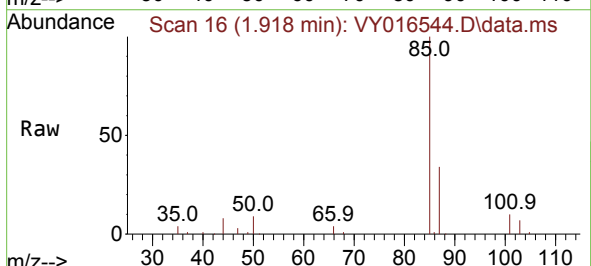
Instrument :
MSVOA_Y
ClientSampleId :

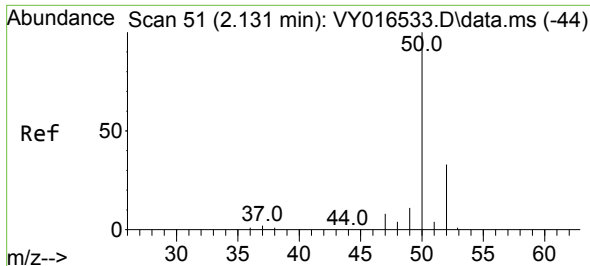
Tgt Ion:168 Resp: 173132
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.980 ug/l
RT: 1.918 min Scan# 16
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 85 Resp: 33149
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.8

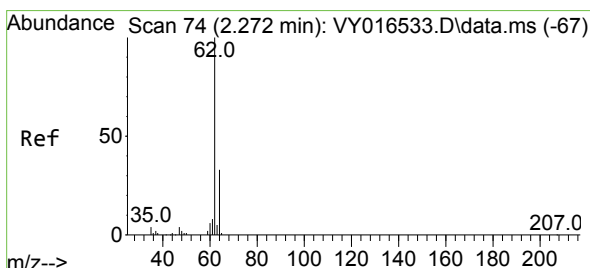
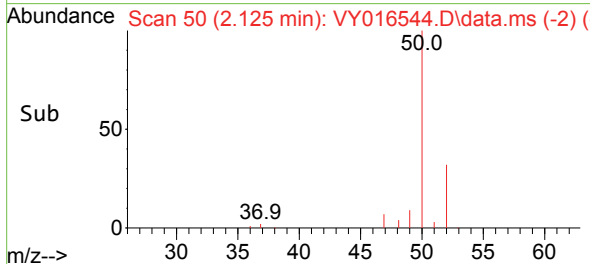
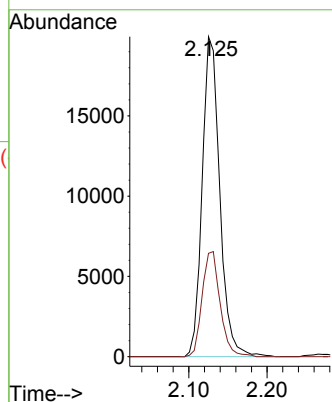
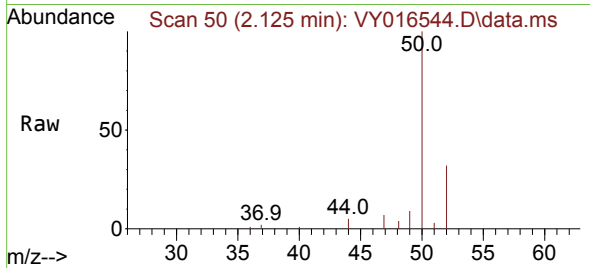




#3
Chloromethane
Concen: 20.632 ug/l
RT: 2.125 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

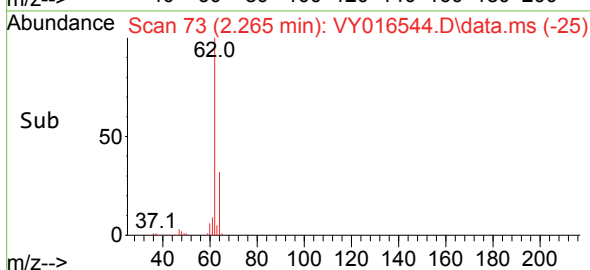
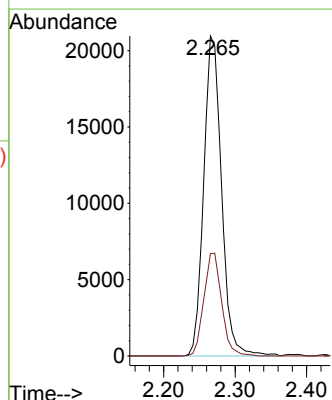
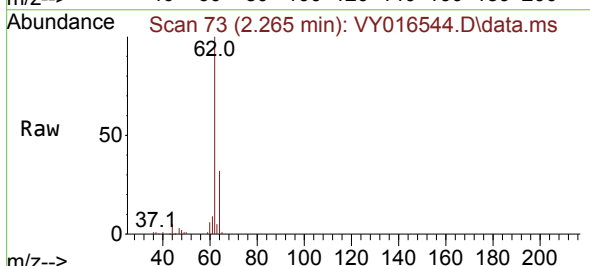
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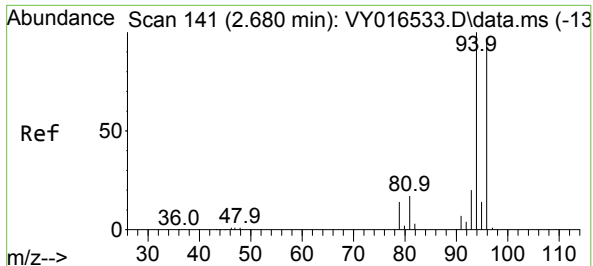
Tgt Ion: 50 Resp: 31040
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2



#4
Vinyl Chloride
Concen: 21.395 ug/l
RT: 2.265 min Scan# 73
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 62 Resp: 36329
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5

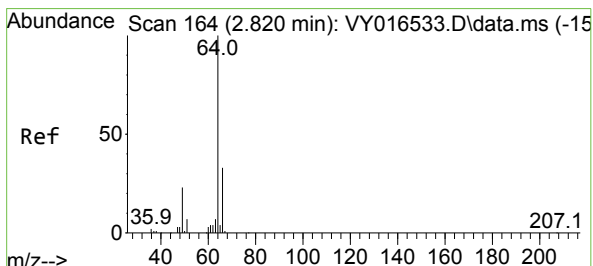
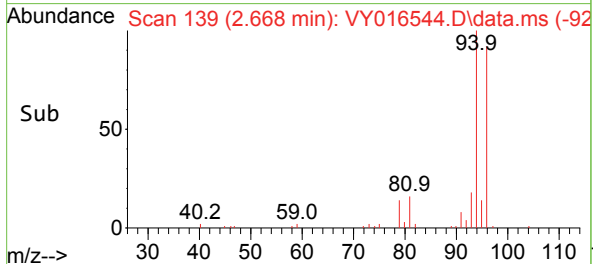
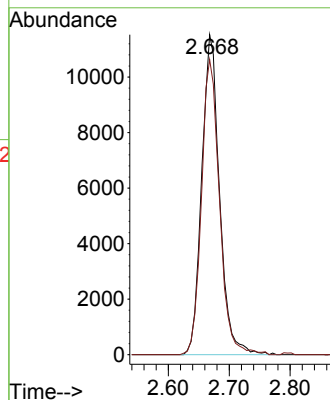
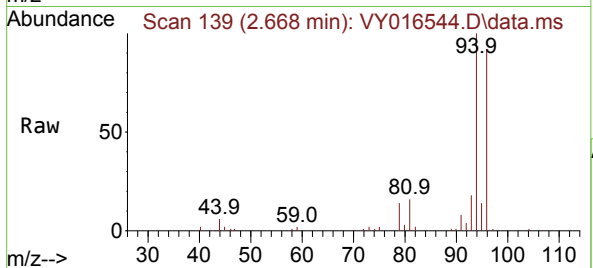




#5
Bromomethane
Concen: 21.312 ug/l
RT: 2.668 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

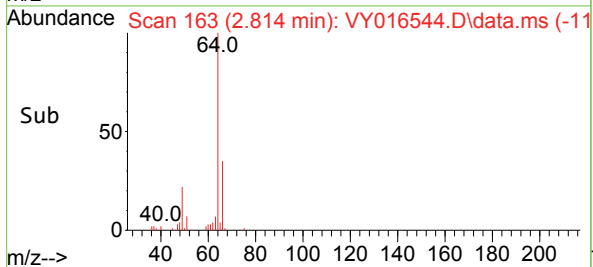
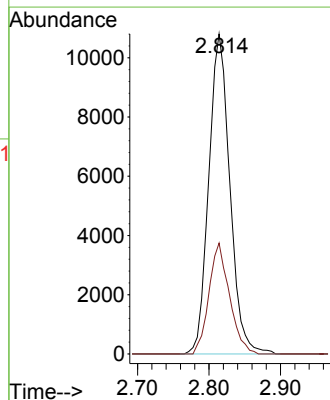
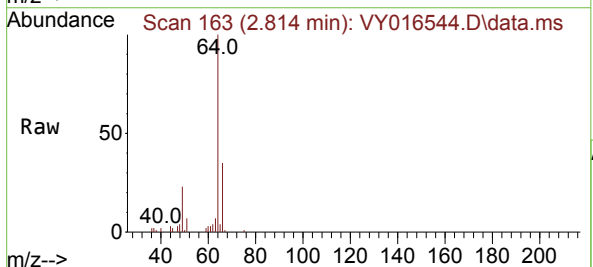
Instrument :
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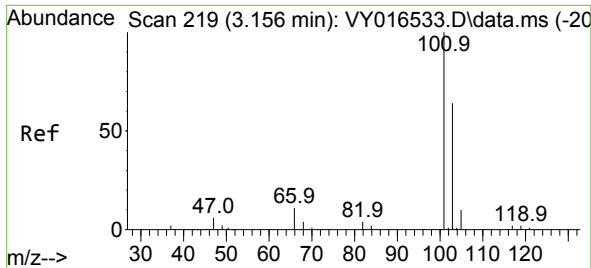
Tgt Ion: 94 Resp: 23426
Ion Ratio Lower Upper
94 100
96 92.2 75.8 113.6



#6
Chloroethane
Concen: 20.195 ug/l
RT: 2.814 min Scan# 163
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 64 Resp: 22138
Ion Ratio Lower Upper
64 100
66 34.7 24.4 36.6

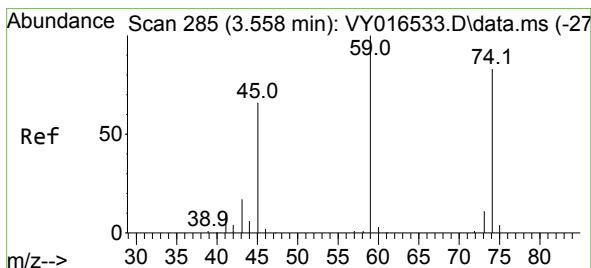
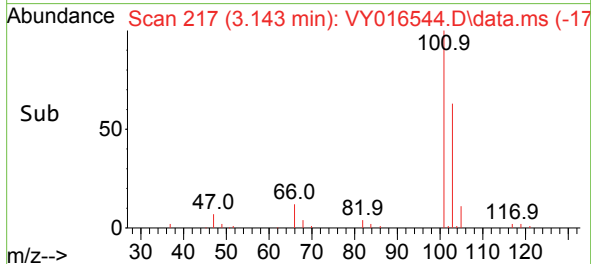
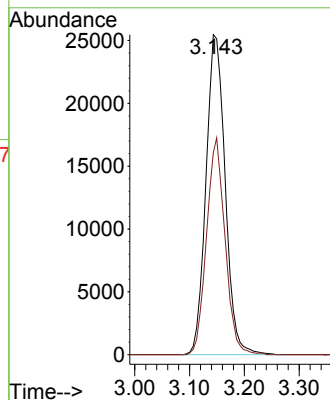
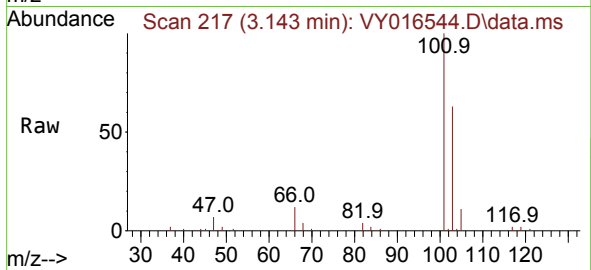




#7
 Trichlorofluoromethane
 Concen: 21.056 ug/l
 RT: 3.143 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: VY016544.D
 Acq: 30 Nov 2023 09:58

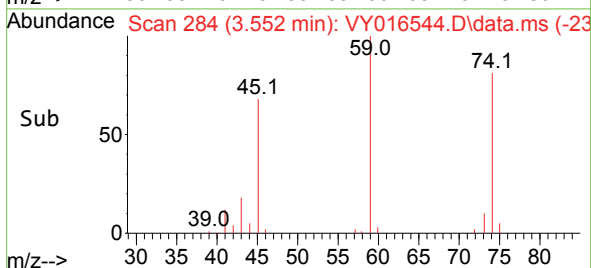
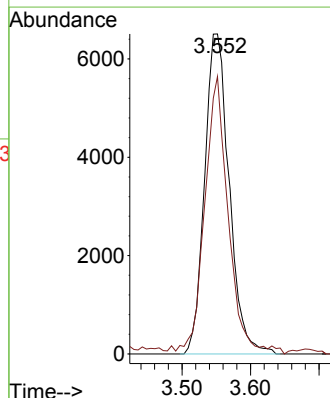
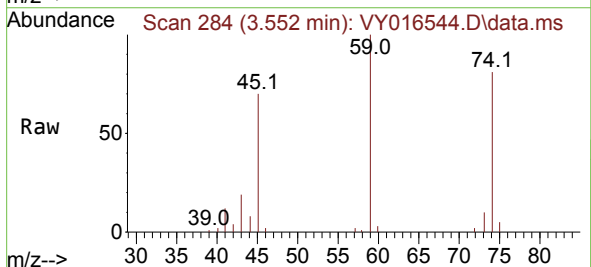
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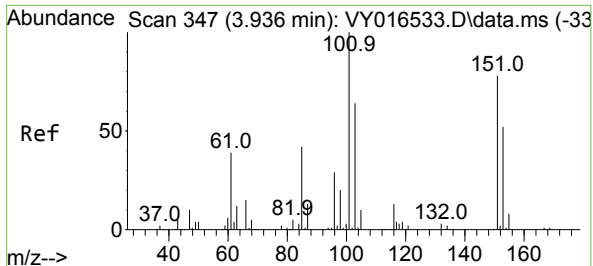
Tgt Ion:101 Resp: 61898
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.791 ug/l
 RT: 3.552 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY016544.D
 Acq: 30 Nov 2023 09:58

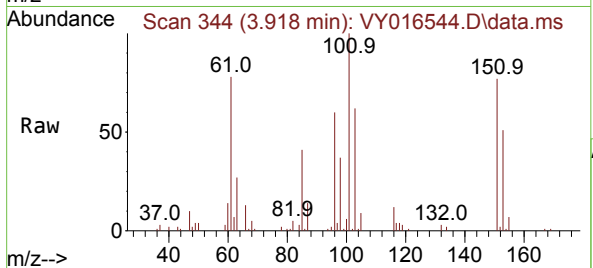
Tgt Ion: 74 Resp: 16233
 Ion Ratio Lower Upper
 74 100
 45 80.6 51.5 154.5



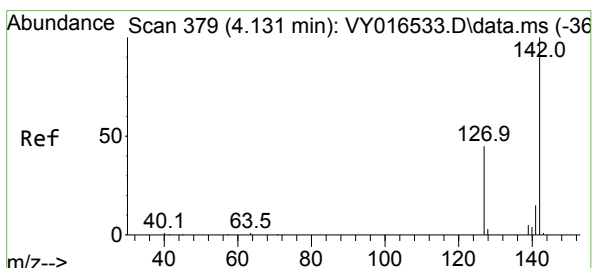
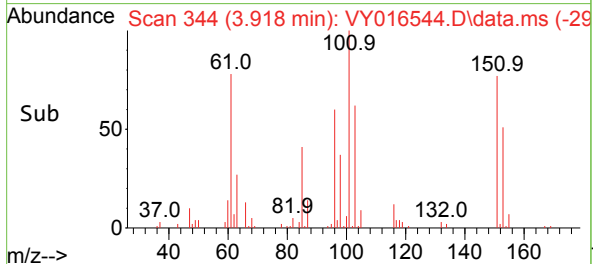
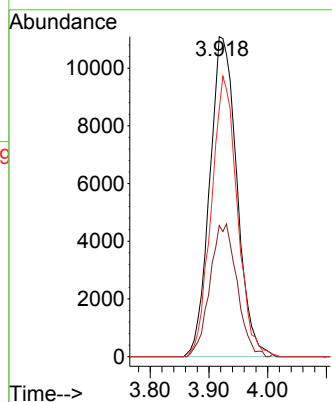


#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.342 ug/l
RT: 3.918 min Scan# 347
Delta R.T. -0.018 min
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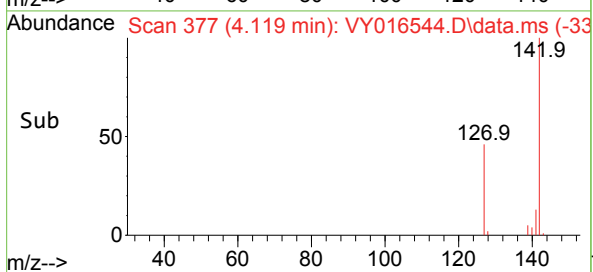
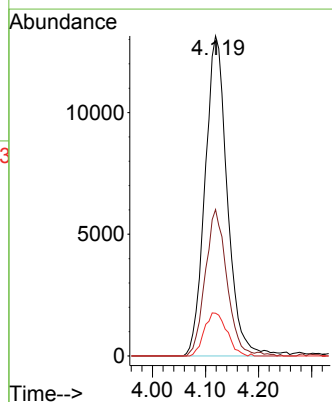
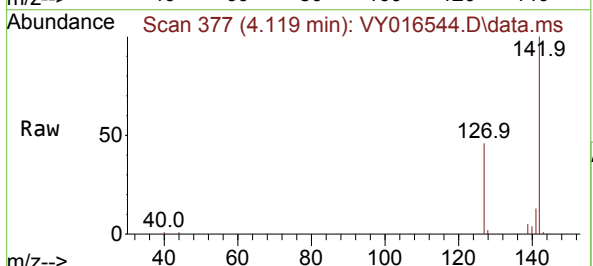


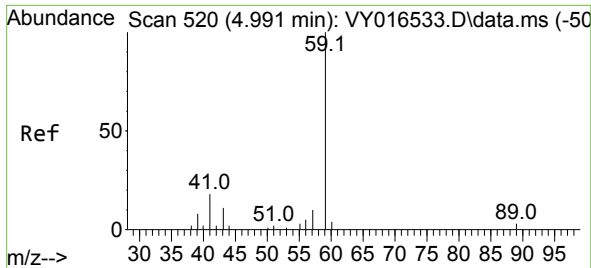
Tgt Ion:101 Resp: 35613
Ion Ratio Lower Upper
101 100
85 41.3 36.6 55.0
151 83.7 67.0 100.6



#10
Methyl Iodide
Concen: 20.303 ug/l
RT: 4.119 min Scan# 377
Delta R.T. -0.012 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion:142 Resp: 38331
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 13.7 11.8 17.8

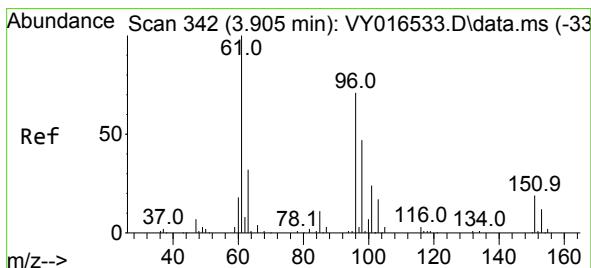
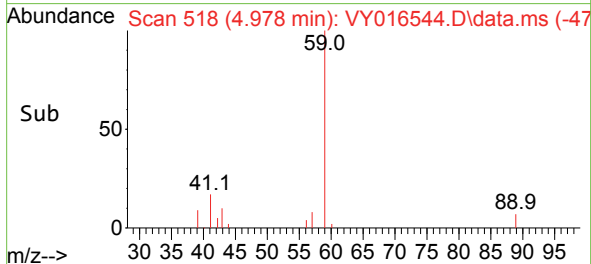
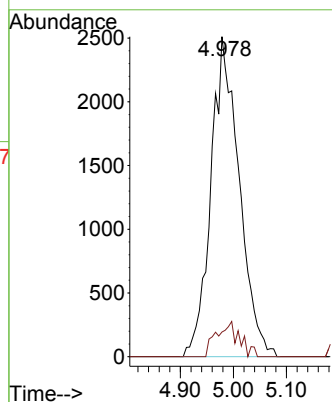
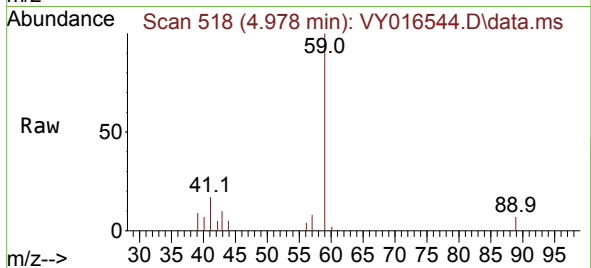




#11
Tert butyl alcohol
Concen: 107.320 ug/l
RT: 4.978 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

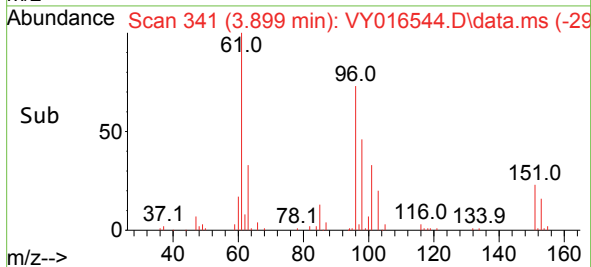
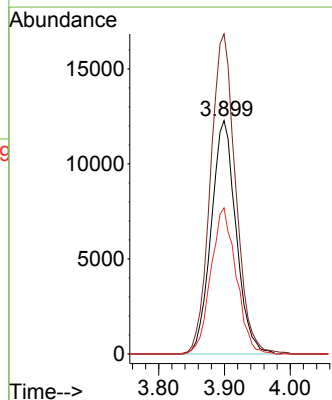
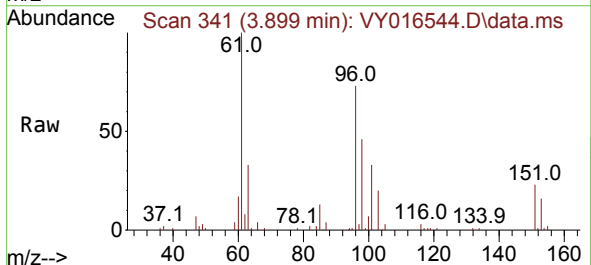
Instrument :
MSVOA_Y
ClientSampleId :

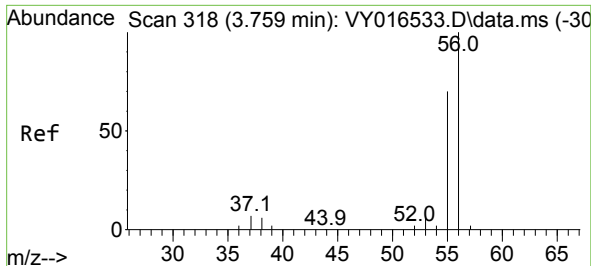
Tgt Ion: 59 Resp: 9304
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.746 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 96 Resp: 32354
Ion Ratio Lower Upper
96 100
61 137.2 136.4 204.6
98 62.6 49.4 74.2





#13

Acrolein

Concen: 96.453 ug/l

RT: 3.753 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

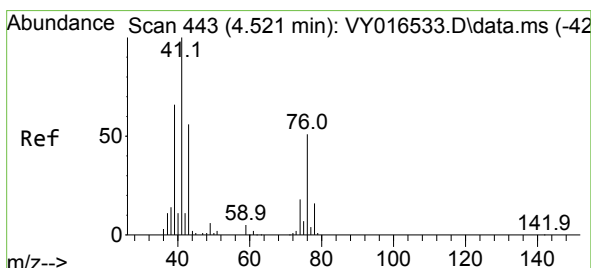
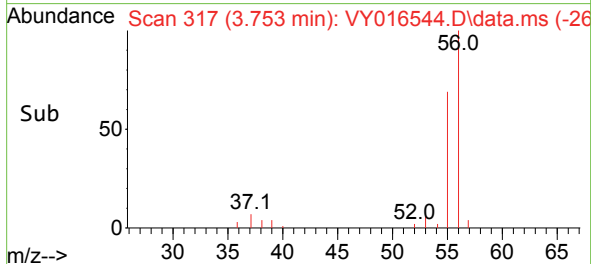
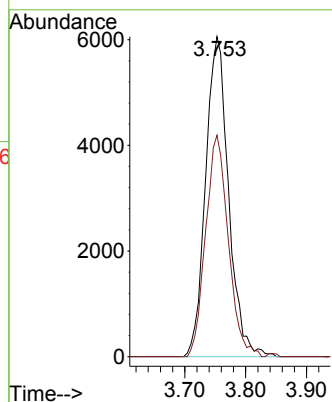
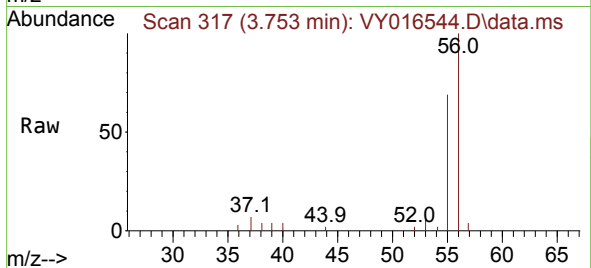
ClientSampleId :

Tgt Ion: 56 Resp: 15845

Ion Ratio Lower Upper

56 100

55 68.4 57.0 85.4



#14

Allyl chloride

Concen: 20.391 ug/l

RT: 4.509 min Scan# 441

Delta R.T. -0.012 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

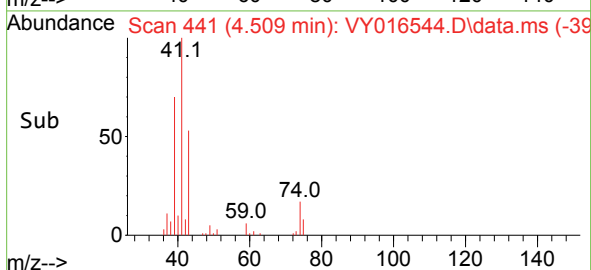
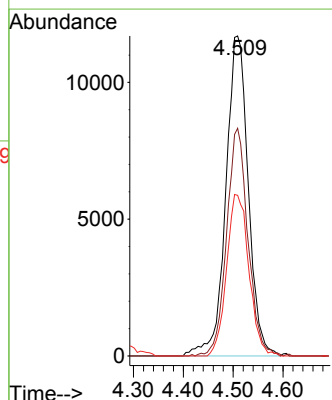
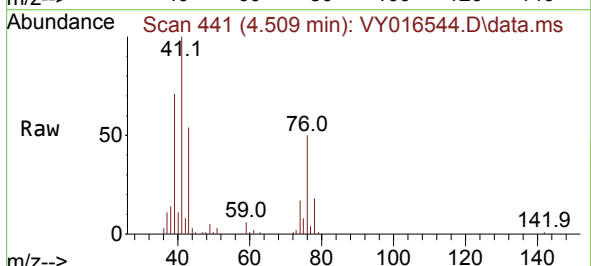
Tgt Ion: 41 Resp: 36558

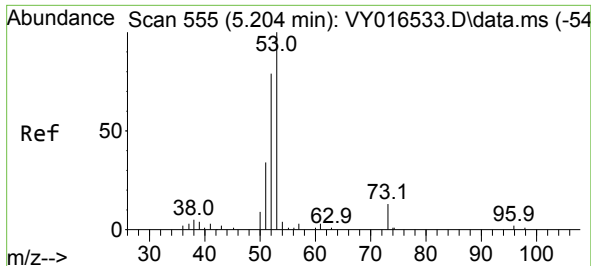
Ion Ratio Lower Upper

41 100

39 67.7 58.0 87.0

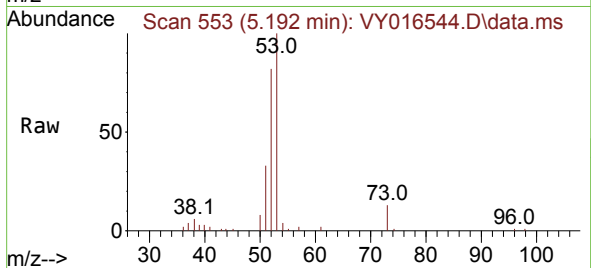
76 50.2 27.4 41.2#



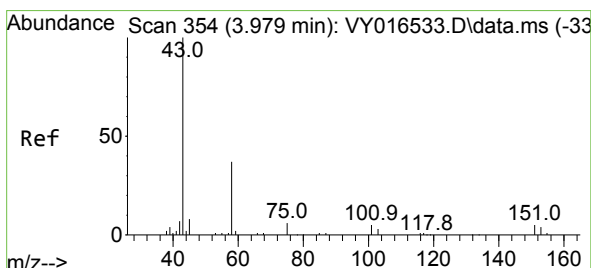
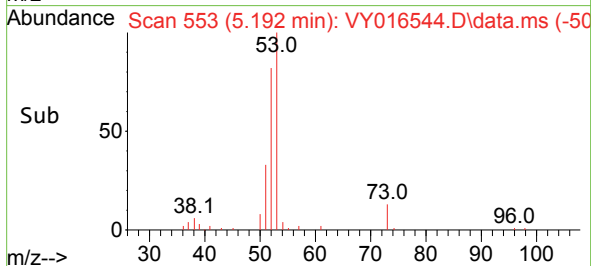
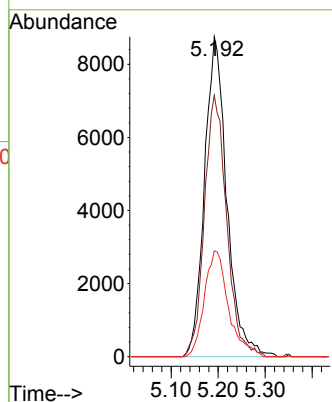


#15
Acrylonitrile
Concen: 104.293 ug/l
RT: 5.192 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Instrument :
MSVOA_Y
ClientSampleId :

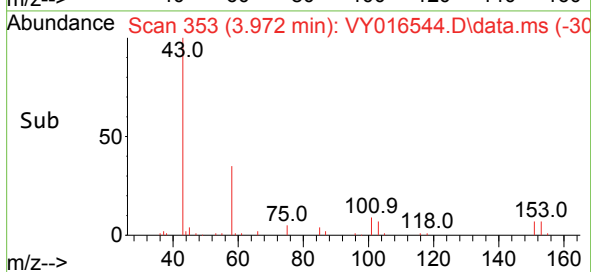
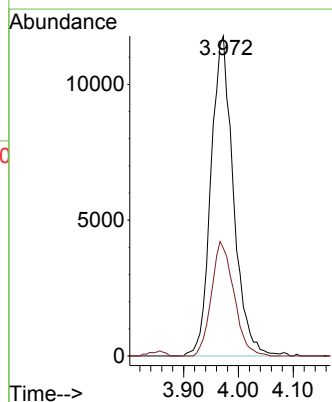
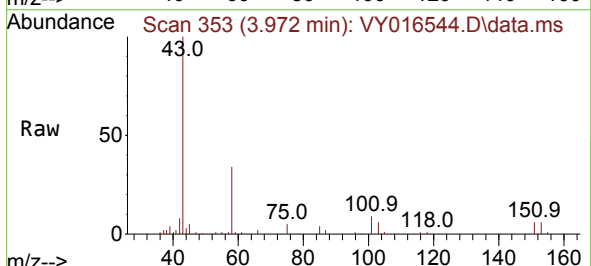


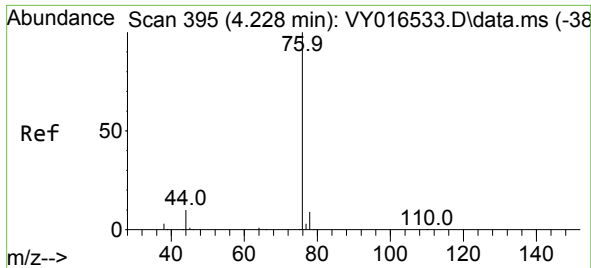
Tgt Ion: 53 Resp: 28815
Ion Ratio Lower Upper
53 100
52 81.4 66.9 100.3
51 35.8 29.8 44.6



#16
Acetone
Concen: 123.969 ug/l
RT: 3.972 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 43 Resp: 33455
Ion Ratio Lower Upper
43 100
58 33.6 22.7 34.1





#17

Carbon Disulfide

Concen: 20.192 ug/l

RT: 4.222 min Scan# 394

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

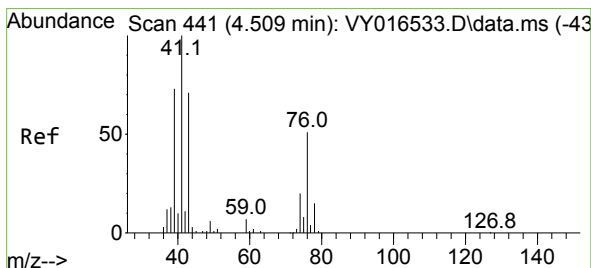
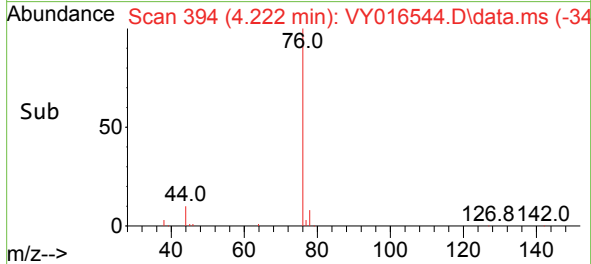
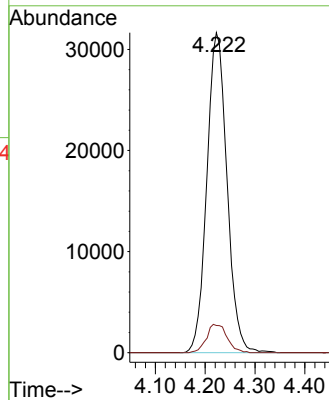
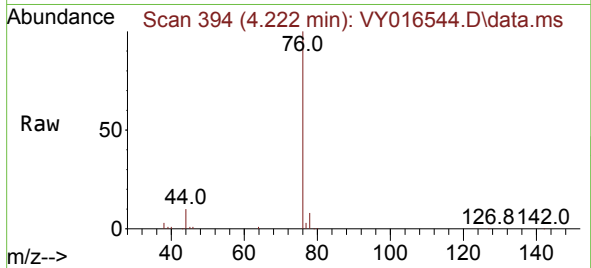
ClientSampleId :

Tgt Ion: 76 Resp: 88844

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4



#18

Methyl Acetate

Concen: 19.669 ug/l

RT: 4.503 min Scan# 440

Delta R.T. -0.006 min

Lab File: VY016544.D

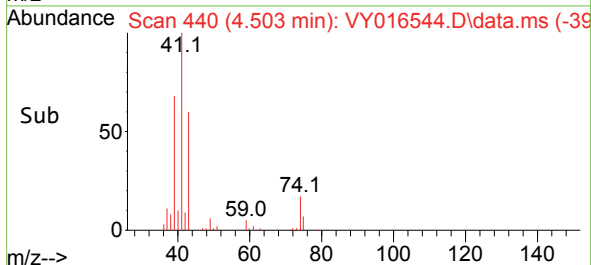
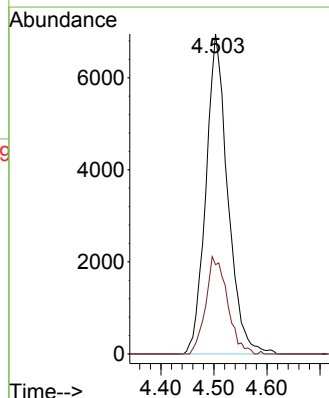
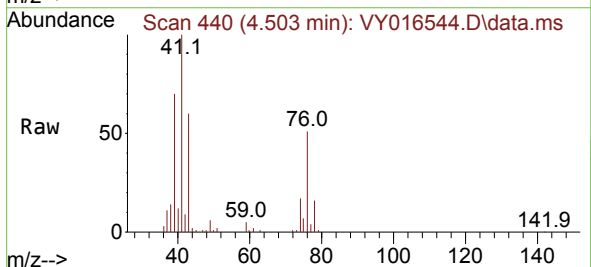
Acq: 30 Nov 2023 09:58

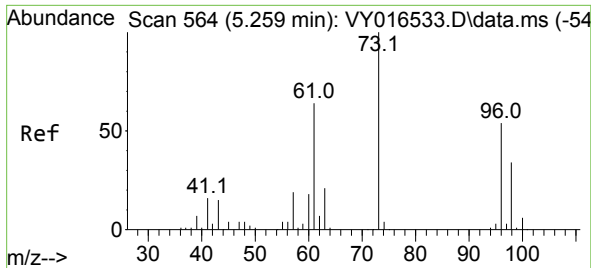
Tgt Ion: 43 Resp: 19914

Ion Ratio Lower Upper

43 100

74 30.2 17.4 26.0#

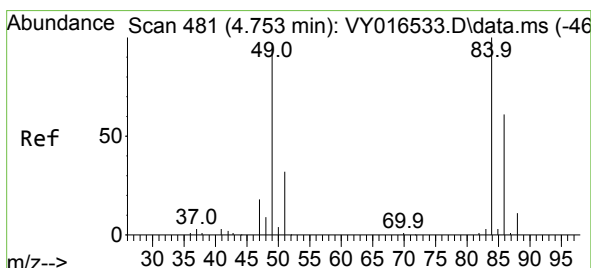
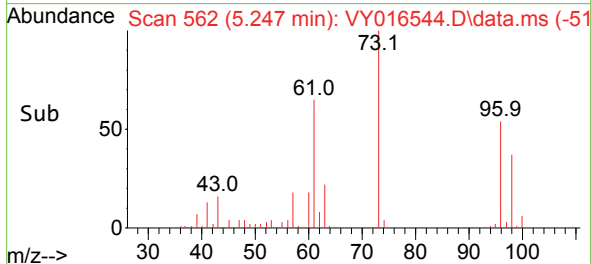
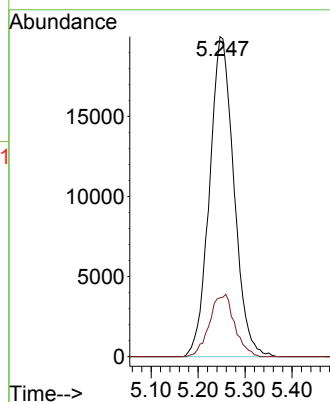
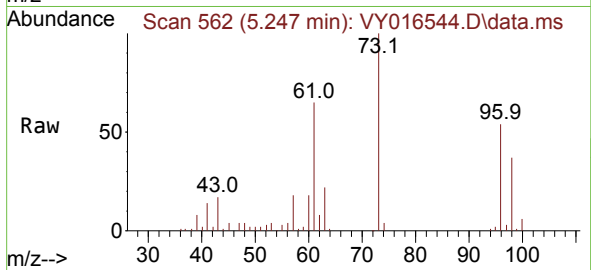




#19
Methyl tert-butyl Ether
Concen: 21.213 ug/l
RT: 5.247 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

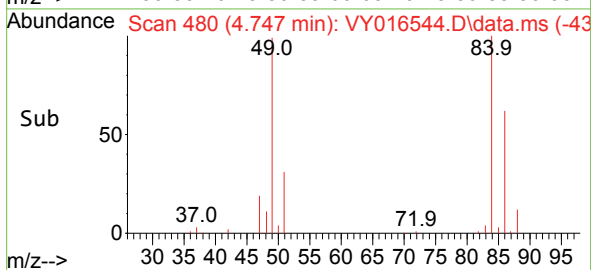
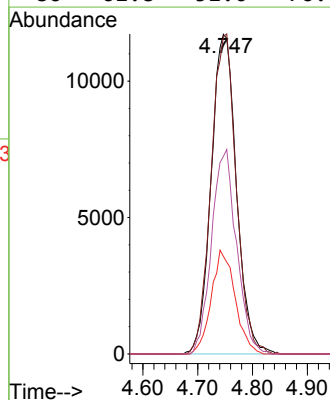
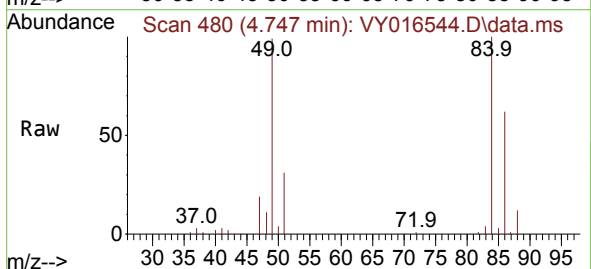
Instrument :
MSVOA_Y
ClientSampleId :

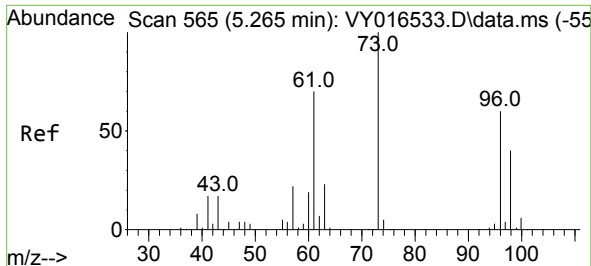
Tgt Ion: 73 Resp: 72095
Ion Ratio Lower Upper
73 100
57 18.4 17.3 25.9



#20
Methylene Chloride
Concen: 21.931 ug/l
RT: 4.747 min Scan# 480
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 84 Resp: 37493
Ion Ratio Lower Upper
84 100
49 99.3 106.9 160.3#
51 30.5 33.2 49.8#
86 61.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.624 ug/l

RT: 5.253 min Scan# 5

Delta R.T. -0.012 min

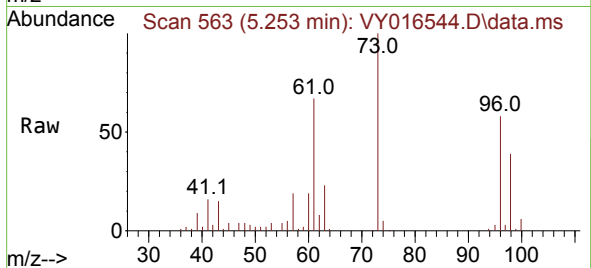
Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

ClientSampleId :



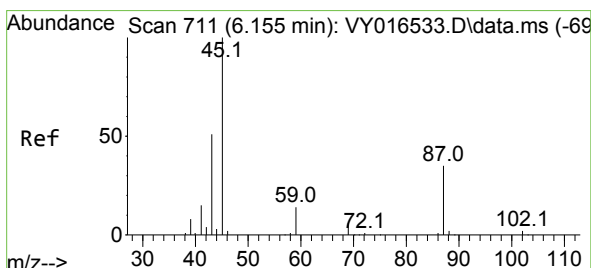
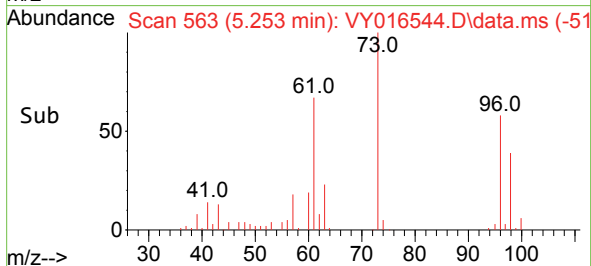
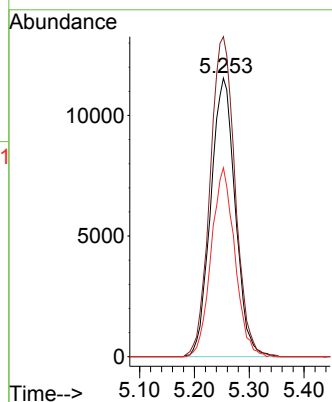
Tgt Ion: 96 Resp: 35824

Ion Ratio Lower Upper

96 100

61 114.9 110.2 165.4

98 67.8 51.8 77.6



#22

Diisopropyl ether

Concen: 21.444 ug/l

RT: 6.149 min Scan# 710

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Tgt Ion: 45 Resp: 80617

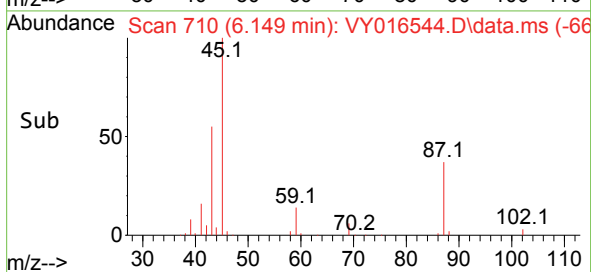
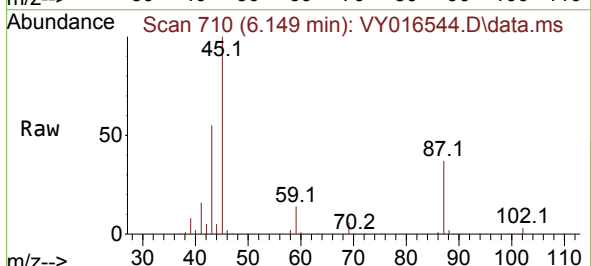
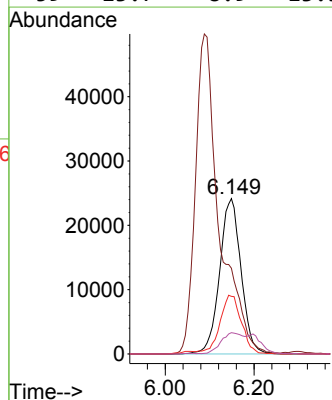
Ion Ratio Lower Upper

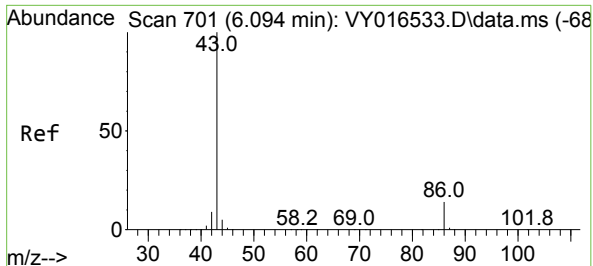
45 100

43 54.7 52.2 78.4

87 37.0 21.0 31.6#

59 13.7 8.9 13.3#

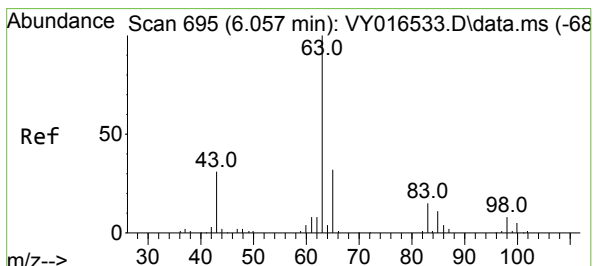
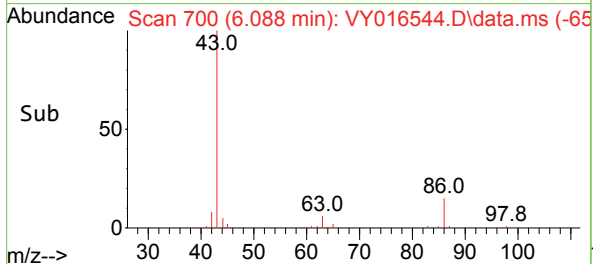
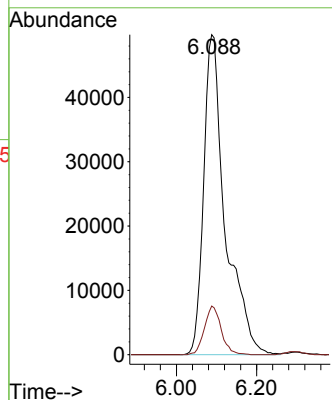
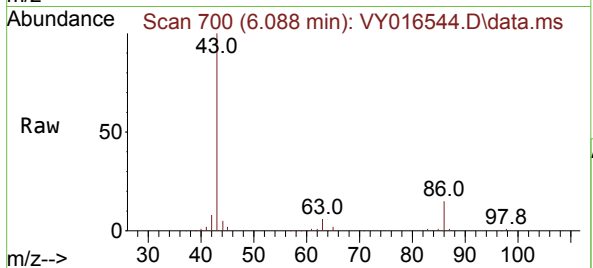




#23
 Vinyl Acetate
 Concen: 107.192 ug/l
 RT: 6.088 min Scan# 701
 Delta R.T. -0.006 min
 Lab File: VY016544.D
 Acq: 30 Nov 2023 09:58

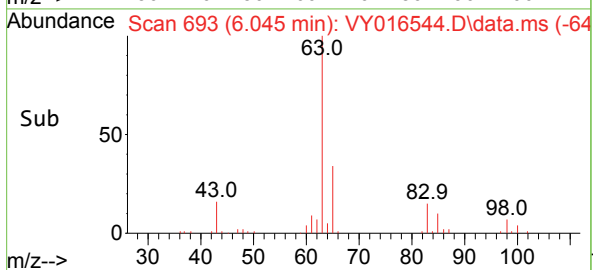
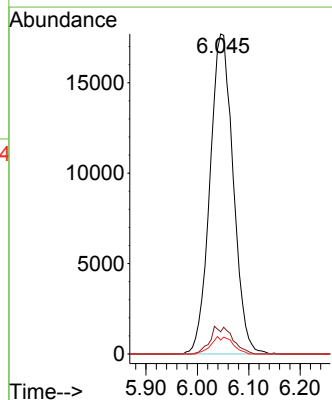
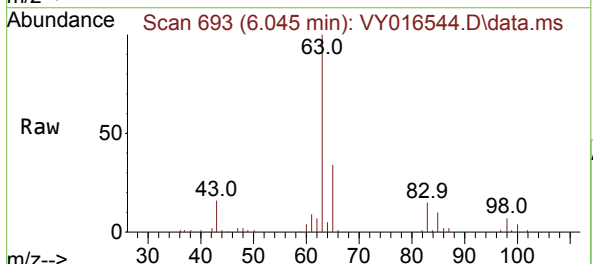
Instrument :
 MSVOA_Y
 ClientSampleId :

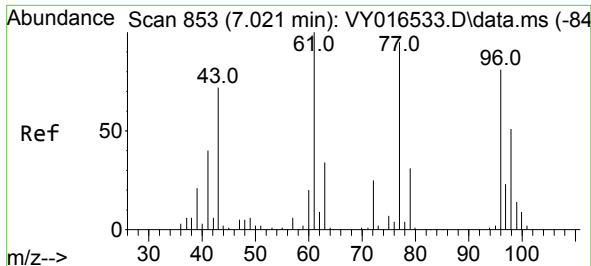
Tgt Ion: 43 Resp: 185834
 Ion Ratio Lower Upper
 43 100
 86 15.2 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.975 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. -0.012 min
 Lab File: VY016544.D
 Acq: 30 Nov 2023 09:58

Tgt Ion: 63 Resp: 55648
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 116.301 ug/l

RT: 7.008 min Scan# 851

Delta R.T. -0.012 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

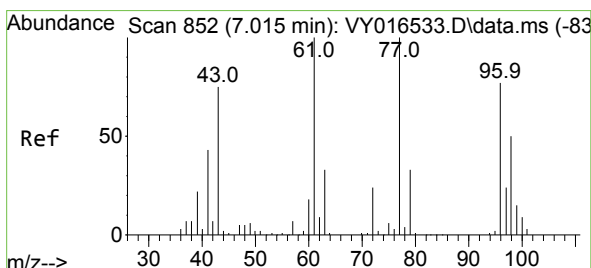
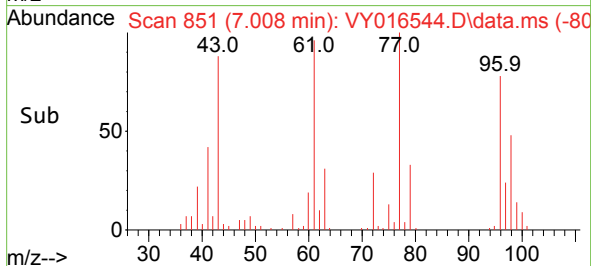
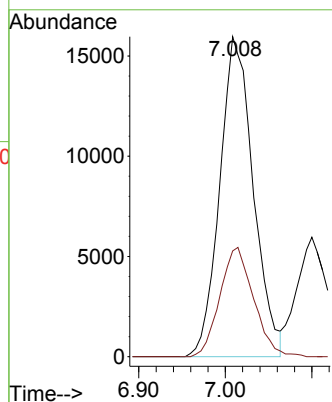
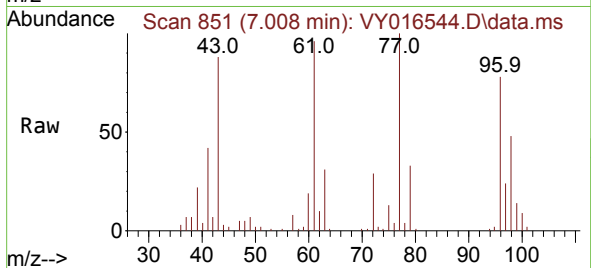
ClientSampleId :

Tgt Ion: 43 Resp: 42920

Ion Ratio Lower Upper

43 100

72 33.1 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 20.915 ug/l

RT: 7.008 min Scan# 851

Delta R.T. -0.006 min

Lab File: VY016544.D

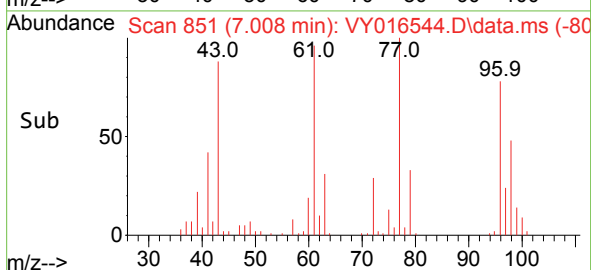
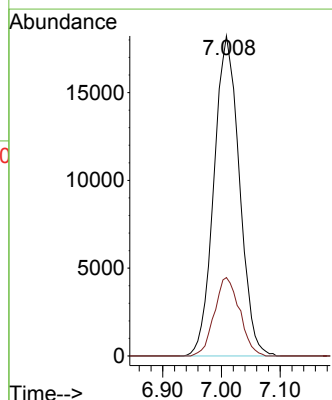
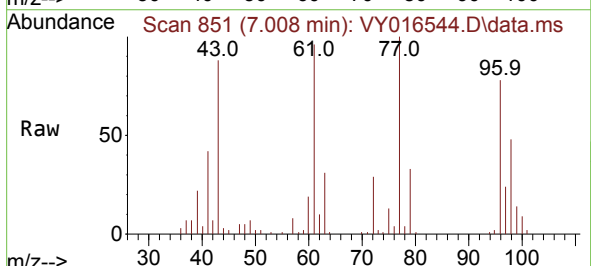
Acq: 30 Nov 2023 09:58

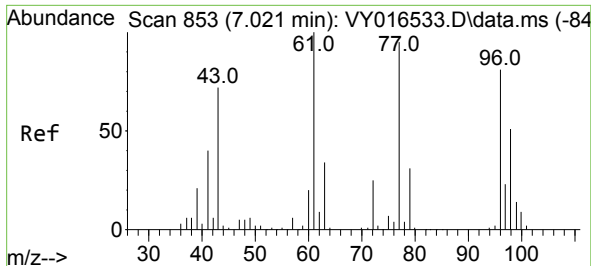
Tgt Ion: 77 Resp: 54842

Ion Ratio Lower Upper

77 100

97 24.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.255 ug/l

RT: 7.015 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

ClientSampleId :

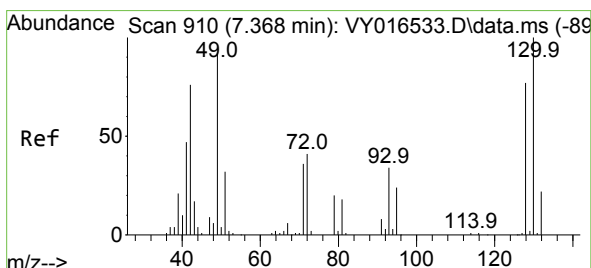
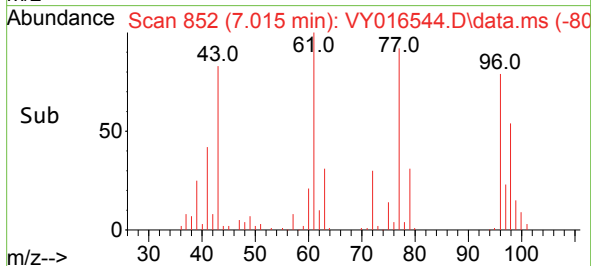
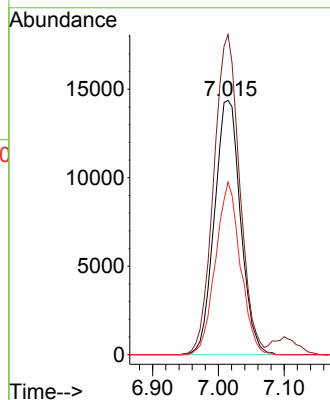
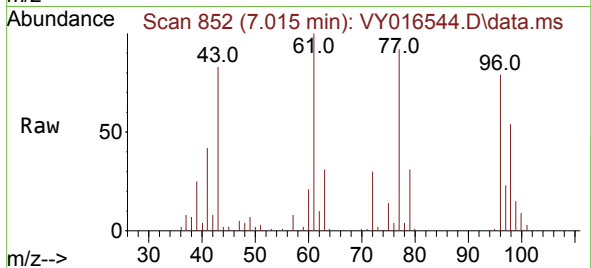
Tgt Ion: 96 Resp: 39664

Ion Ratio Lower Upper

96 100

61 125.4 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 19.715 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

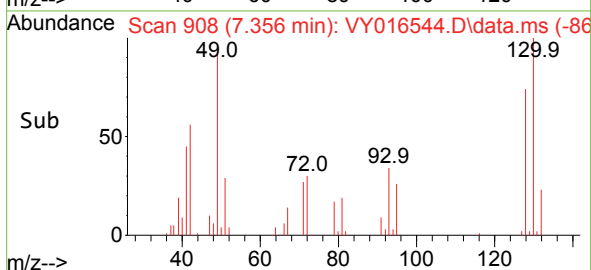
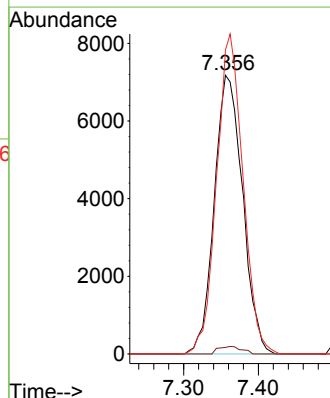
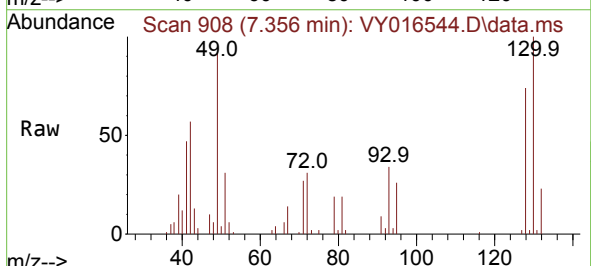
Tgt Ion: 49 Resp: 18904

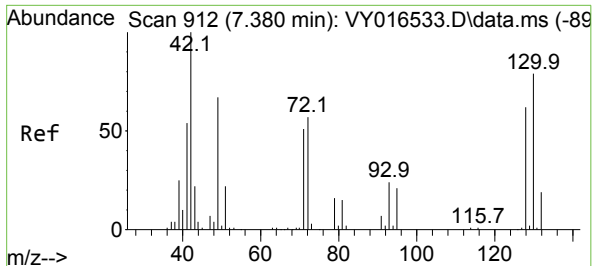
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 107.1 60.7 91.1#





#29

Tetrahydrofuran

Concen: 106.348 ug/l

RT: 7.374 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY016544.D

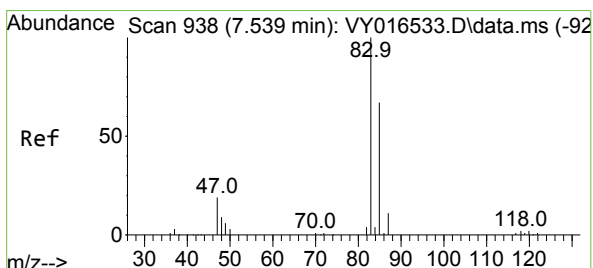
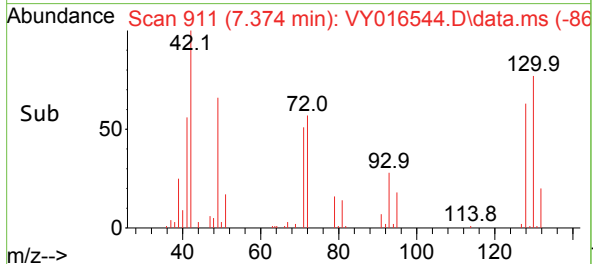
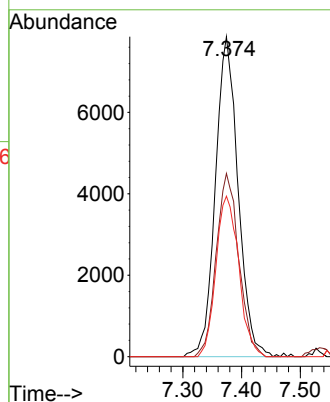
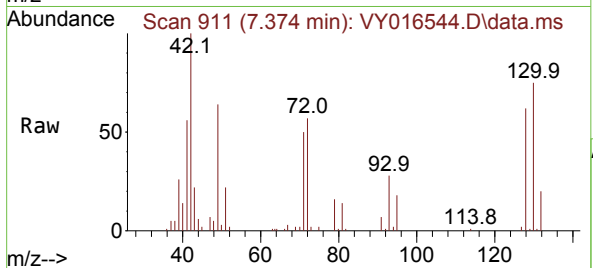
Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	21084
Ion	Ratio	Lower	Upper
42	100		
72	56.9	32.8	49.2#
71	50.5	31.0	46.4#



#30

Chloroform

Concen: 21.254 ug/l

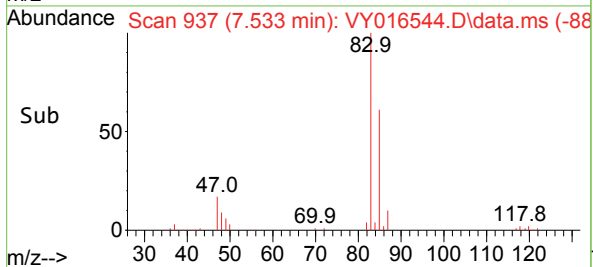
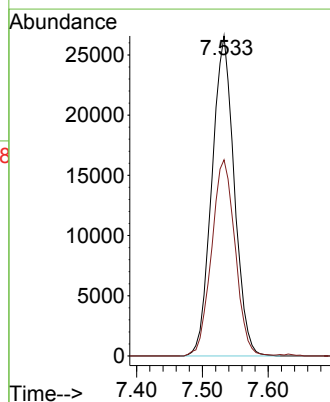
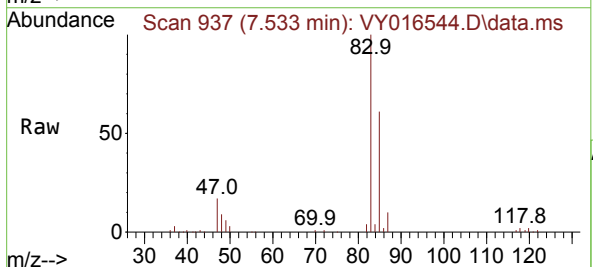
RT: 7.533 min Scan# 937

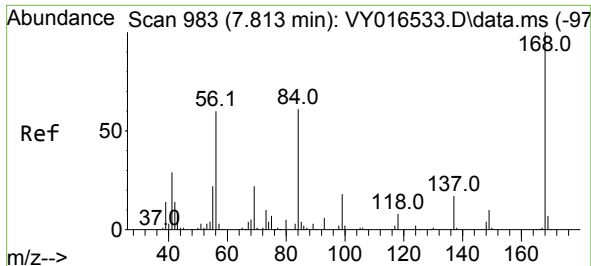
Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

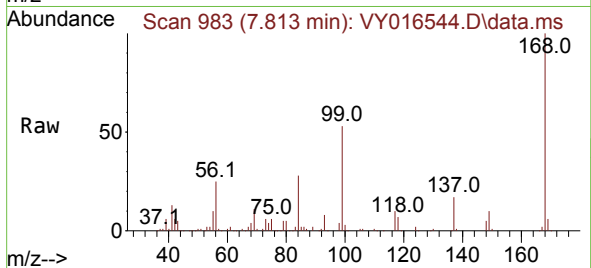
Tgt Ion:	83	Resp:	62851
Ion	Ratio	Lower	Upper
83	100		
85	61.3	49.7	74.5



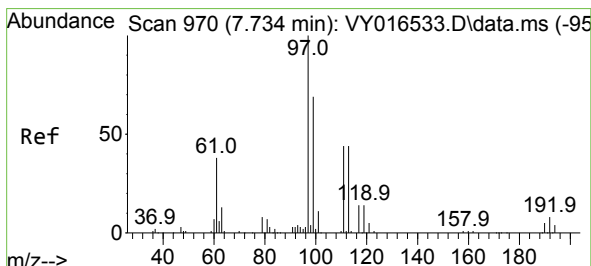
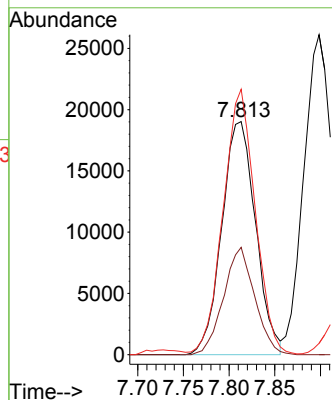
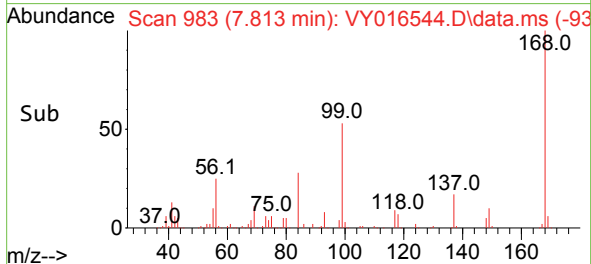


#31
Cyclohexane
Concen: 20.415 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Instrument :
MSVOA_Y
ClientSampleId :

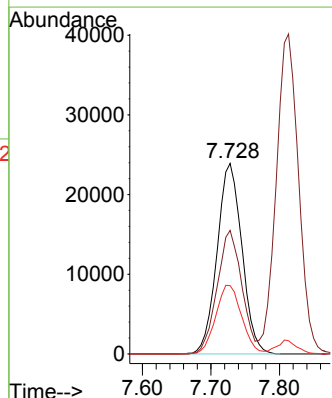
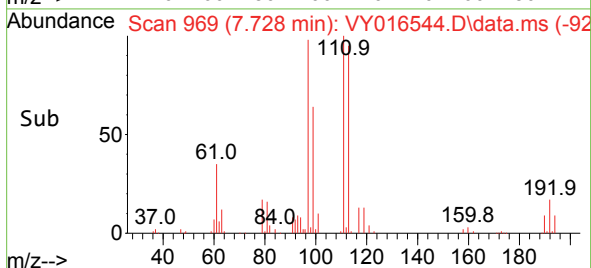
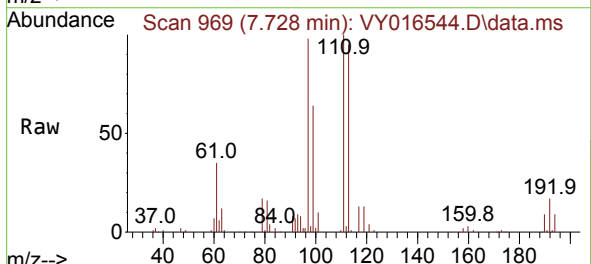


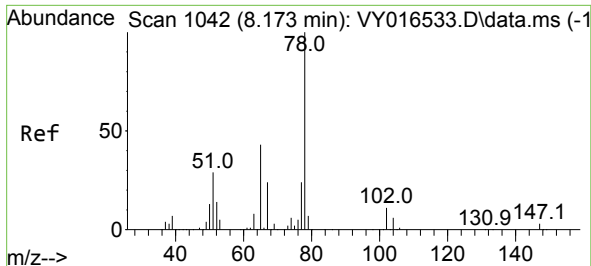
Tgt Ion: 56 Resp: 49022
Ion Ratio Lower Upper
56 100
69 46.0 27.8 41.6#
84 112.4 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 20.961 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 97 Resp: 60066
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 37.6 35.1 52.7

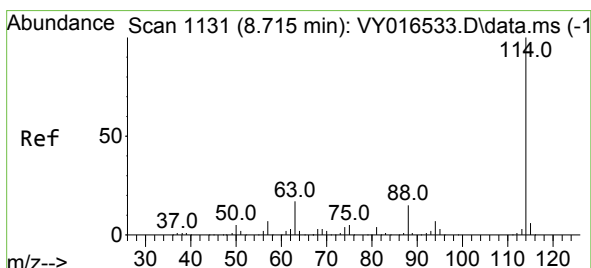
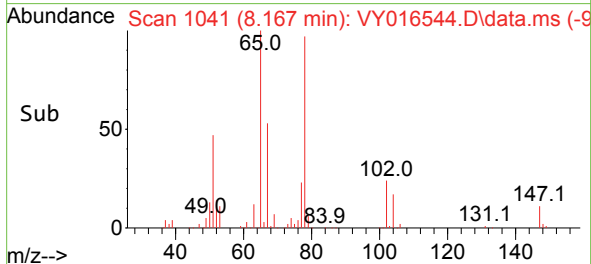
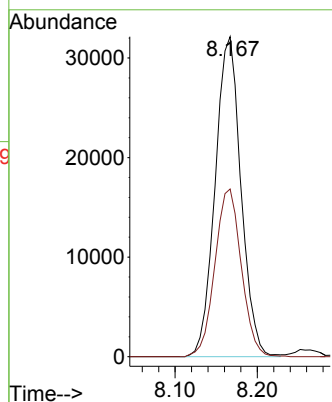
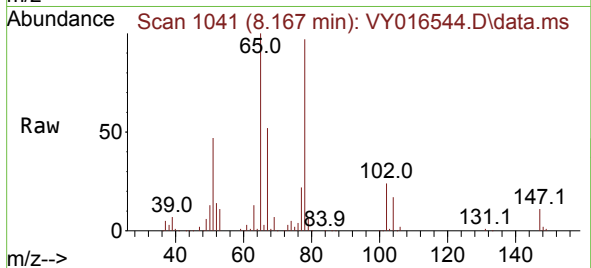




#33
 1,2-Dichloroethane-d4
 Concen: 51.296 ug/l
 RT: 8.167 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY016544.D
 Acq: 30 Nov 2023 09:58

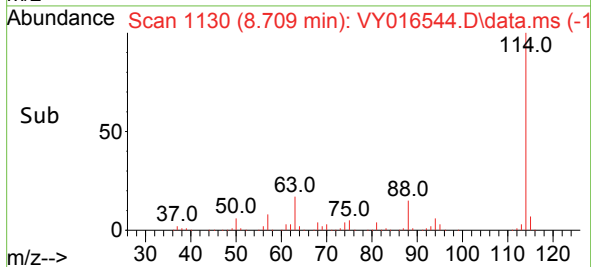
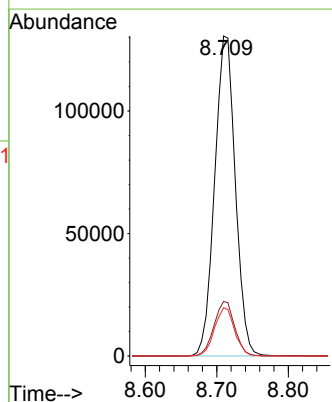
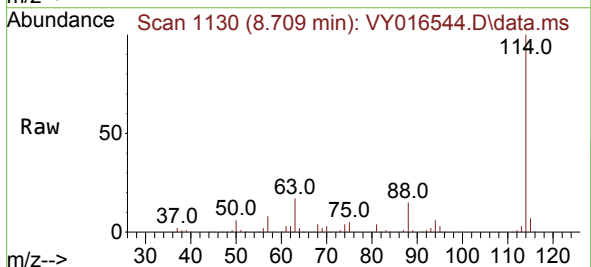
Instrument :
 MSVOA_Y
 ClientSampleId :

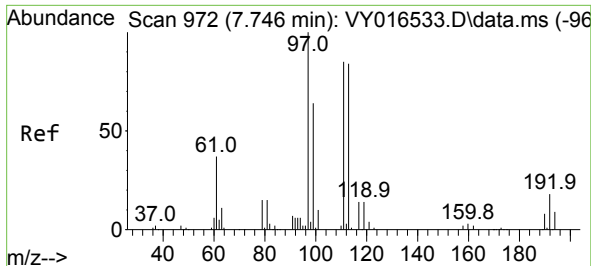
Tgt Ion: 65 Resp: 70163
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.709 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY016544.D
 Acq: 30 Nov 2023 09:58

Tgt Ion: 114 Resp: 262155
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 42.4
 88 15.1 0.0 30.6

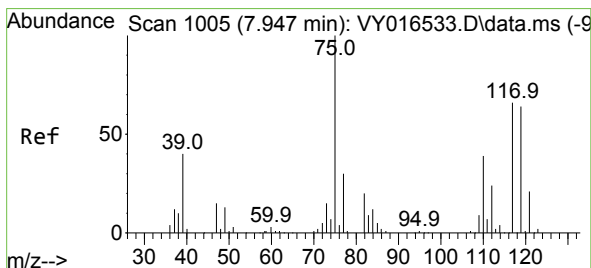
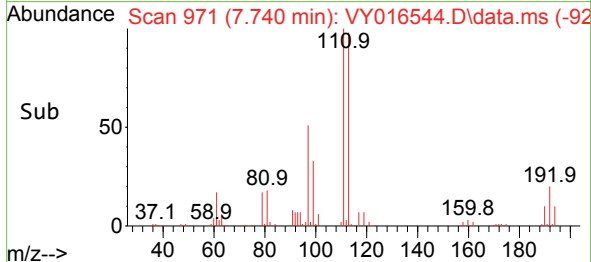
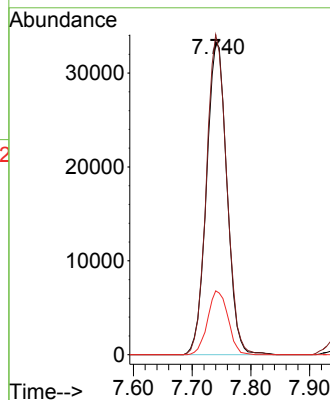
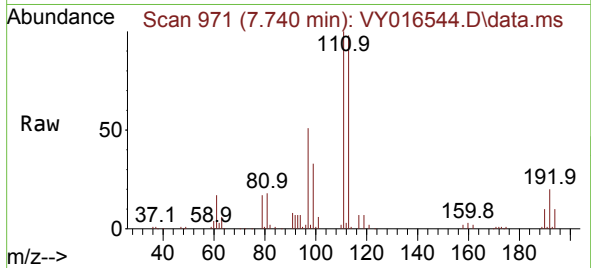




#35
Dibromofluoromethane
Concen: 52.157 ug/l
RT: 7.740 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

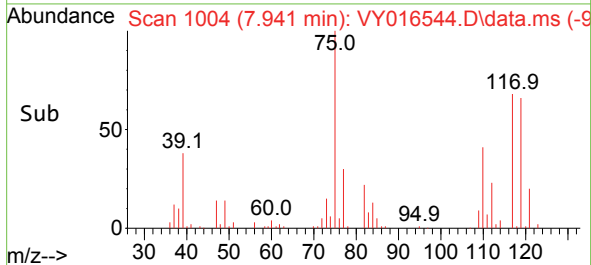
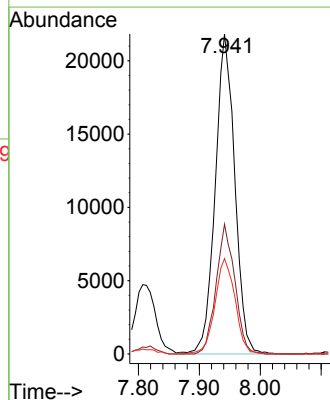
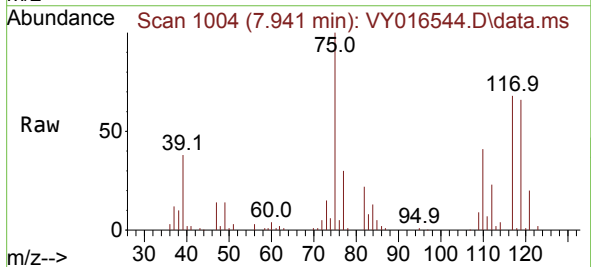
Instrument :
MSVOA_Y
ClientSampleId :

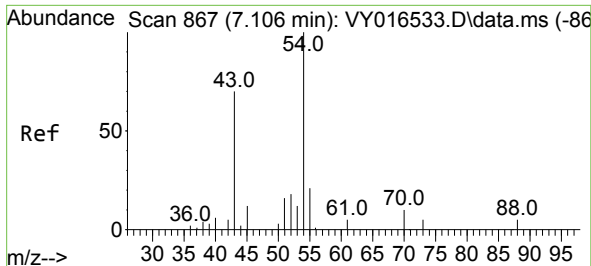
Tgt Ion:113 Resp: 80249
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.377 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

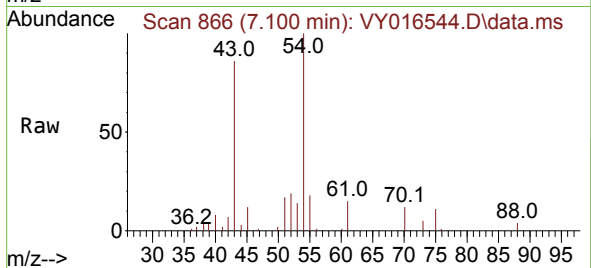
Tgt Ion: 75 Resp: 48571
Ion Ratio Lower Upper
75 100
110 38.9 17.8 53.5
77 30.6 24.4 36.6



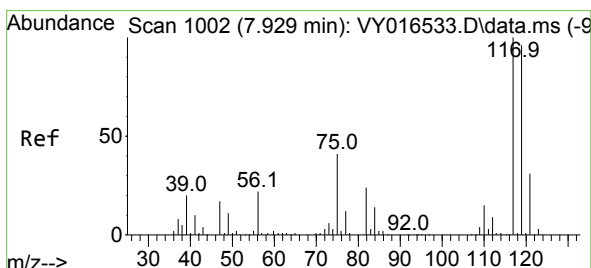
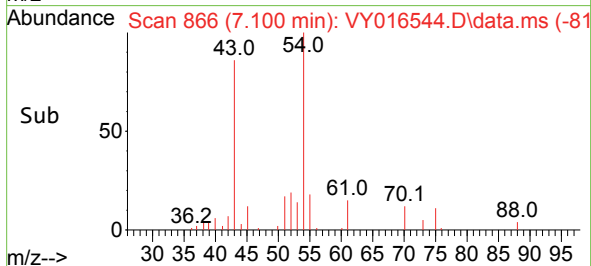
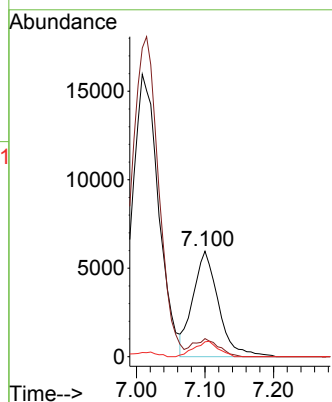


#37
Ethyl Acetate
Concen: 21.800 ug/l
RT: 7.100 min Scan# 867
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Instrument :
MSVOA_Y
ClientSampleId :

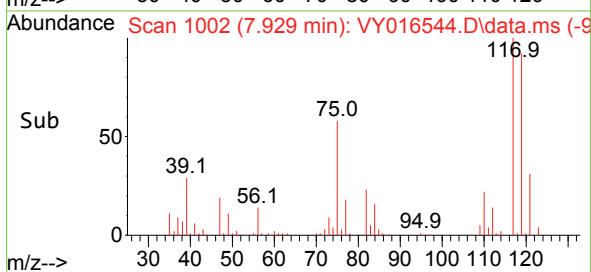
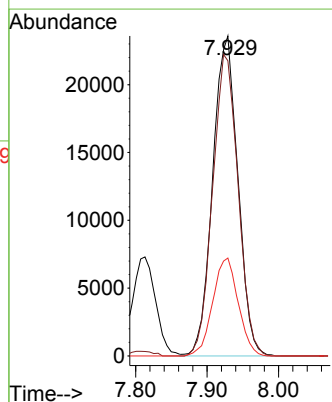
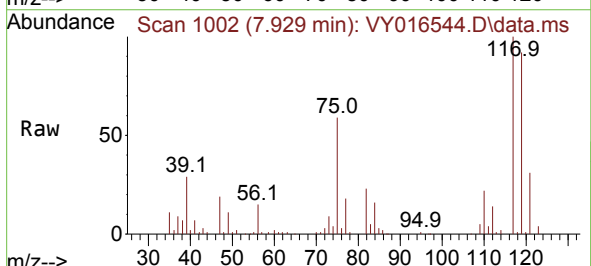


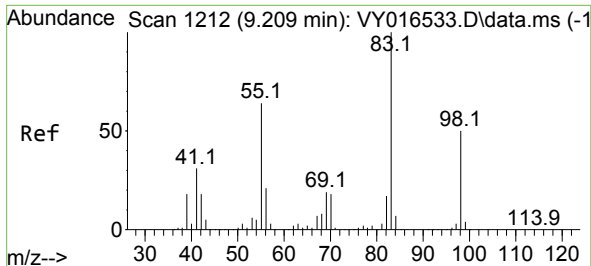
Tgt Ion: 43 Resp: 15524
Ion Ratio Lower Upper
43 100
61 17.1 10.1 15.1#
70 13.6 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 21.648 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 117 Resp: 57729
Ion Ratio Lower Upper
117 100
119 92.2 76.4 114.6
121 30.6 25.8 38.6





#39

Methylcyclohexane

Concen: 20.802 ug/l

RT: 9.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

ClientSampleId :

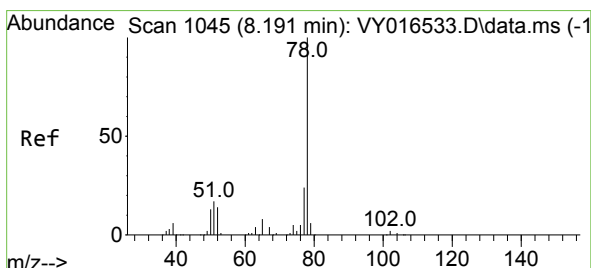
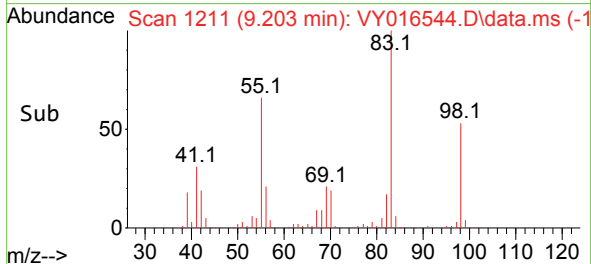
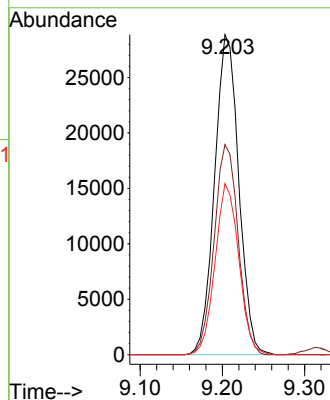
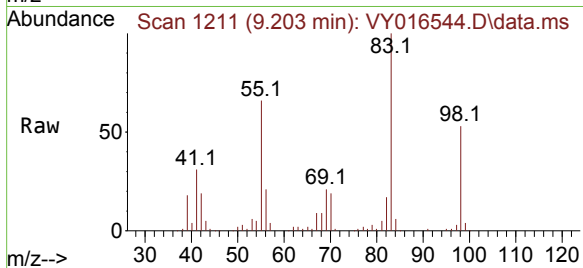
Tgt Ion: 83 Resp: 58952

Ion Ratio Lower Upper

83 100

55 65.7 63.0 94.4

98 53.5 37.4 56.2



#40

Benzene

Concen: 21.459 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. -0.006 min

Lab File: VY016544.D

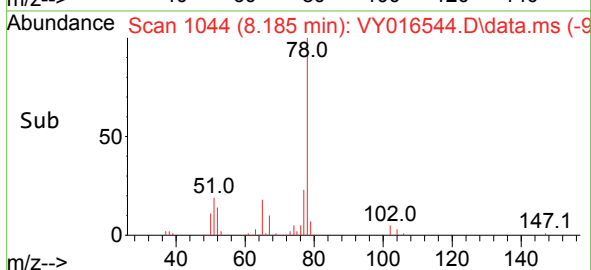
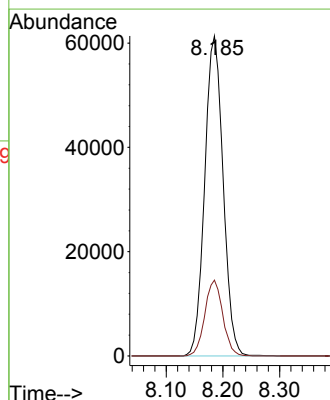
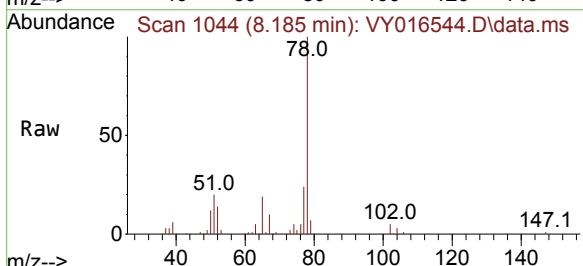
Acq: 30 Nov 2023 09:58

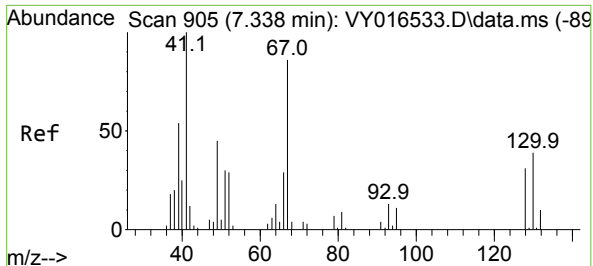
Tgt Ion: 78 Resp: 138239

Ion Ratio Lower Upper

78 100

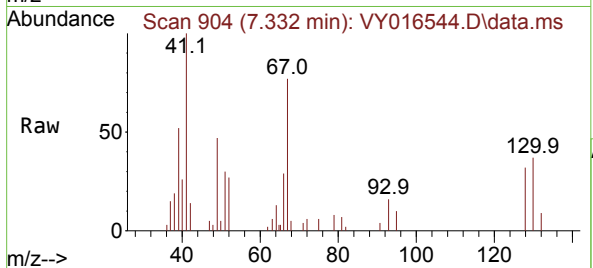
77 23.7 19.0 28.6



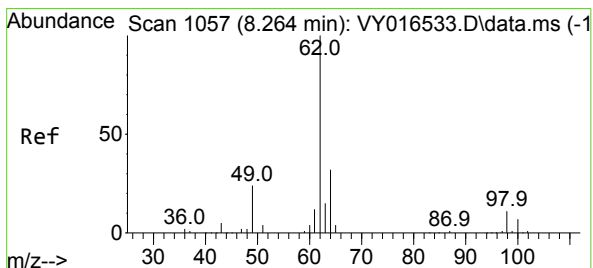
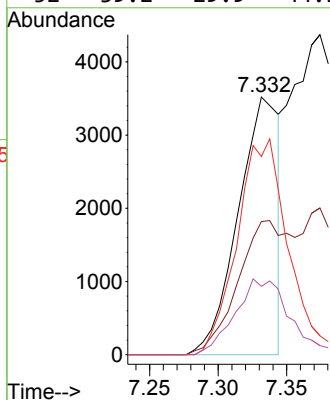
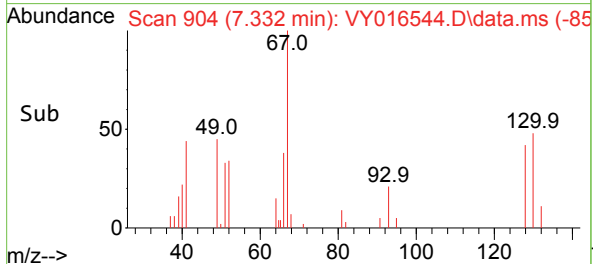


#41
Methacrylonitrile
Concen: 19.412 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Instrument :
MSVOA_Y
ClientSampleId :

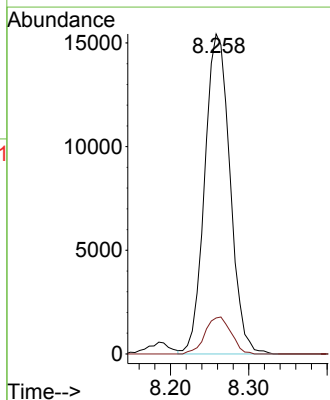
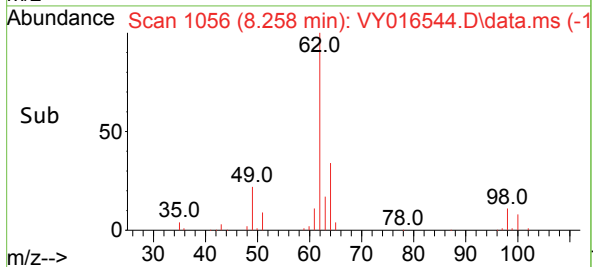
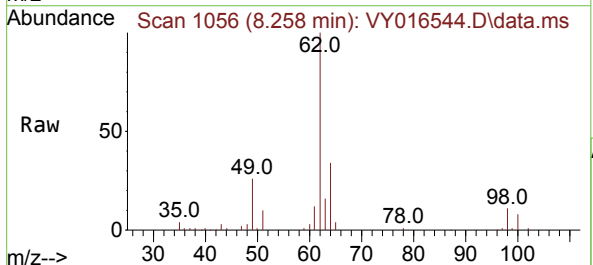


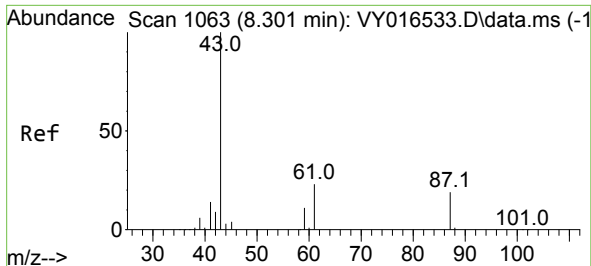
Tgt Ion: 41	Resp: 7282
Ion Ratio	Lower Upper
41 100	
39 68.9	52.1 78.1
67 104.9	66.2 99.2#
52 39.2	29.9 44.9



#42
1,2-Dichloroethane
Concen: 21.691 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 62	Resp: 34628
Ion Ratio	Lower Upper
62 100	
98 11.8	0.0 15.8

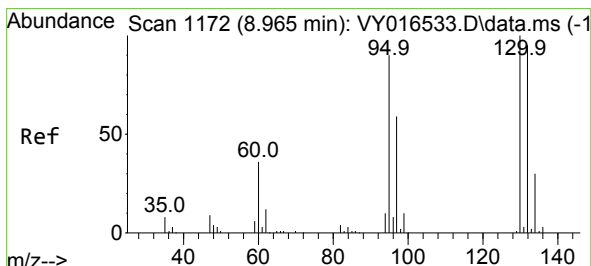
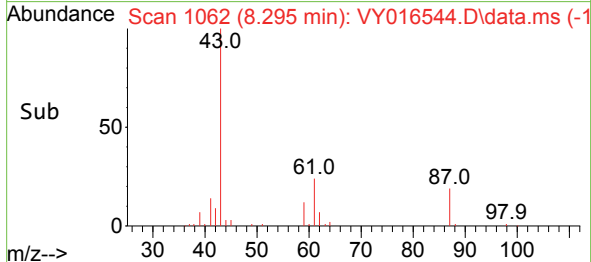
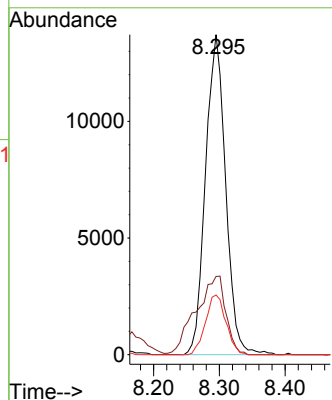
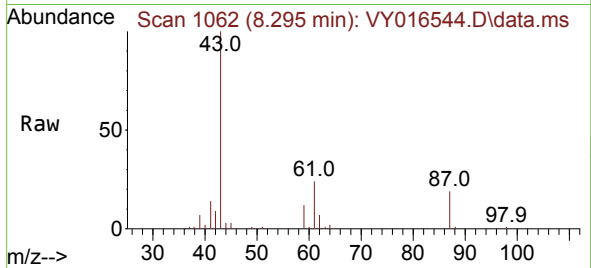




#43
Isopropyl Acetate
Concen: 20.841 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

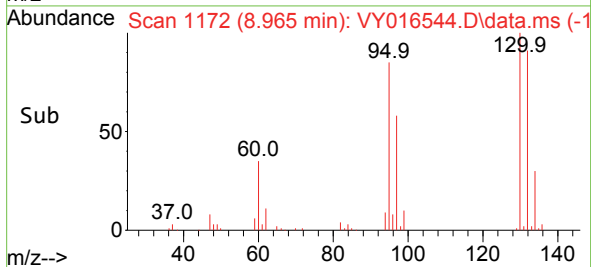
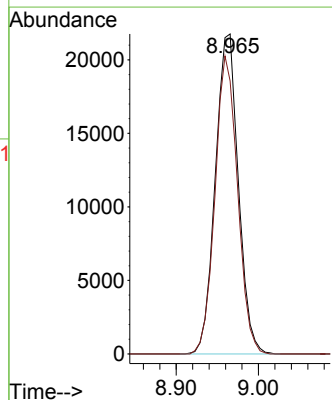
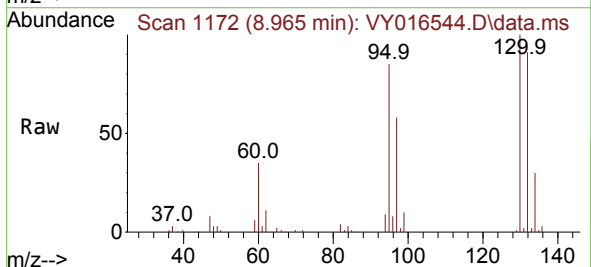
Instrument :
MSVOA_Y
ClientSampleId :

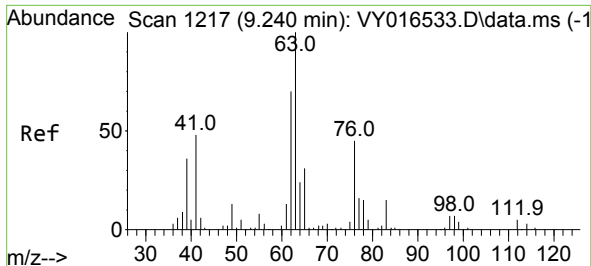
Tgt Ion: 43 Resp: 29184
Ion Ratio Lower Upper
43 100
61 36.3 21.1 31.7#
87 19.0 9.8 14.8#



#44
Trichloroethene
Concen: 21.373 ug/l
RT: 8.965 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion:130 Resp: 42410
Ion Ratio Lower Upper
130 100
95 85.3 0.0 196.0

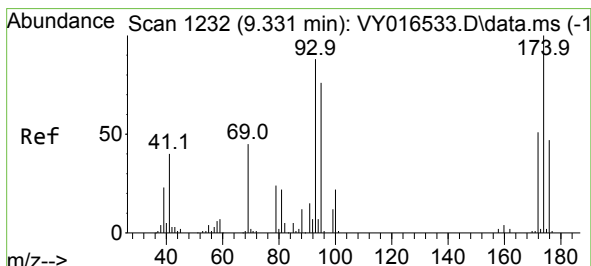
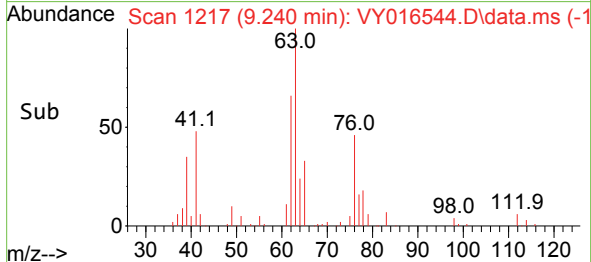
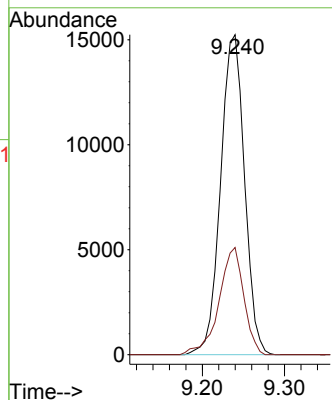
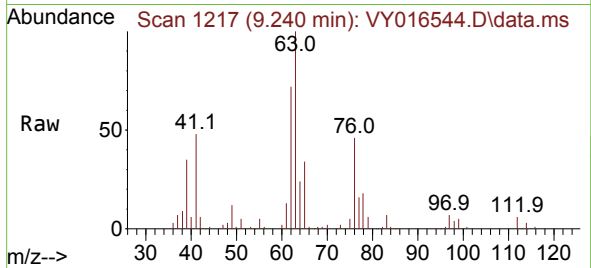




#45
1,2-Dichloropropane
Concen: 21.223 ug/l
RT: 9.240 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

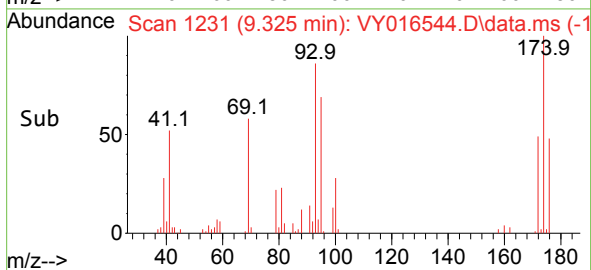
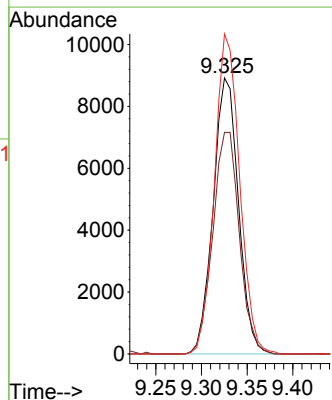
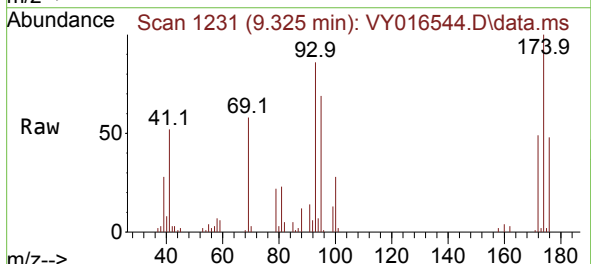
Instrument :
MSVOA_Y
ClientSampleId :

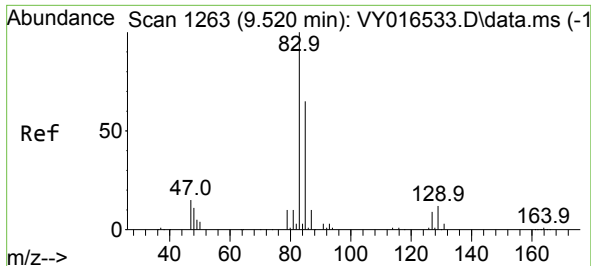
Tgt Ion: 63 Resp: 30851
Ion Ratio Lower Upper
63 100
65 33.5 23.8 35.6



#46
Dibromomethane
Concen: 20.994 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 93 Resp: 17160
Ion Ratio Lower Upper
93 100
95 84.4 66.6 100.0
174 115.5 84.8 127.2

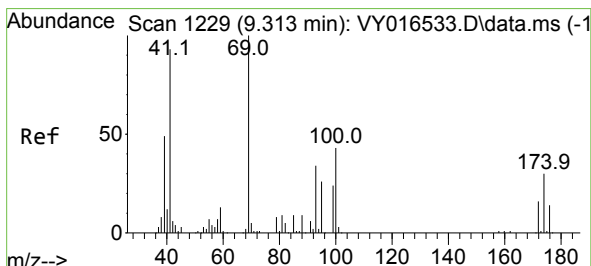
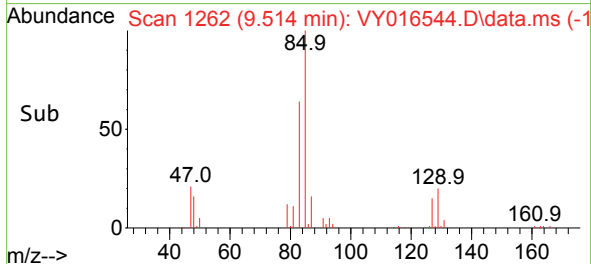
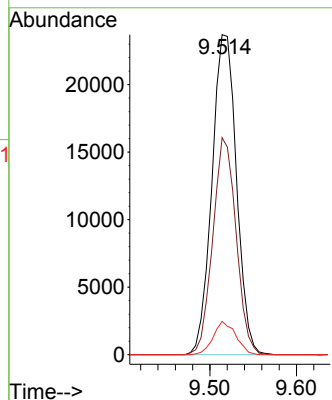
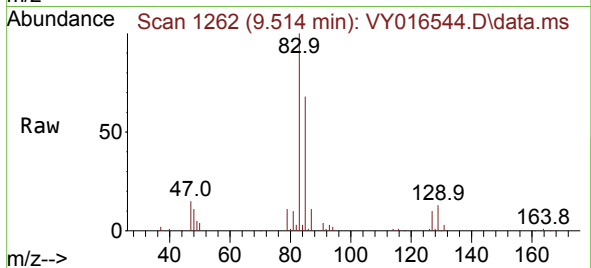




#47
Bromodichloromethane
Concen: 21.594 ug/l
RT: 9.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

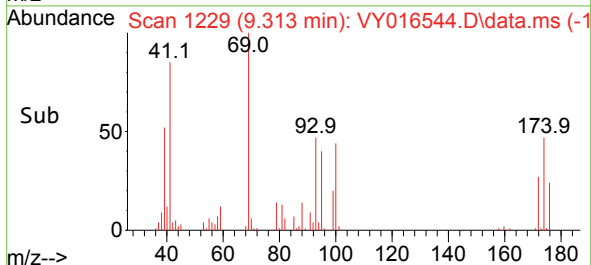
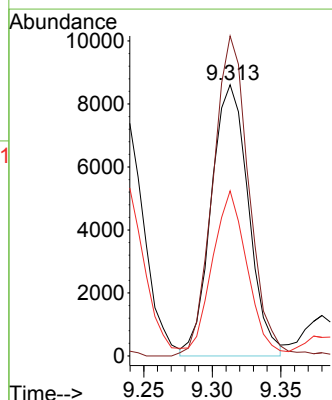
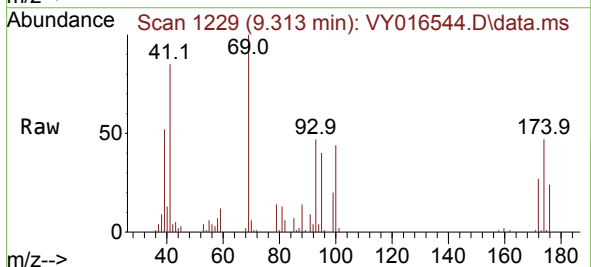
Instrument :
MSVOA_Y
ClientSampleId :

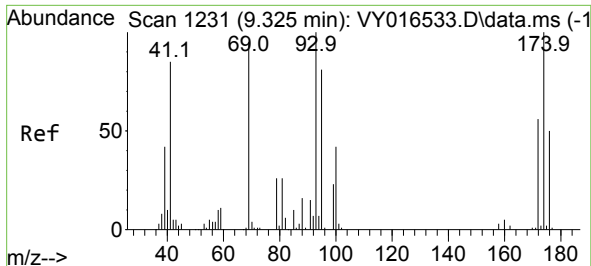
Tgt Ion: 83 Resp: 46602
Ion Ratio Lower Upper
83 100
85 67.8 50.1 75.1
127 10.4 7.1 10.7



#48
Methyl methacrylate
Concen: 20.753 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 41 Resp: 16315
Ion Ratio Lower Upper
41 100
69 114.1 64.5 96.7#
39 53.7 50.8 76.2





#49

1,4-Dioxane

Concen: 471.208 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.012 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

ClientSampleId :

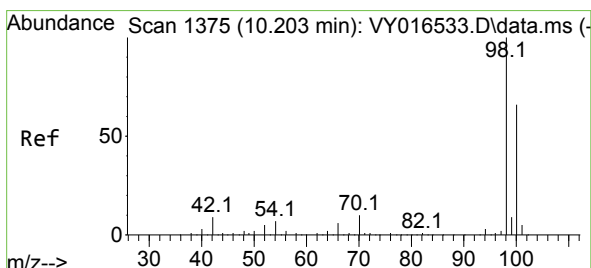
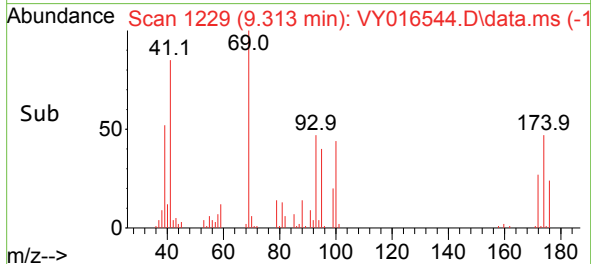
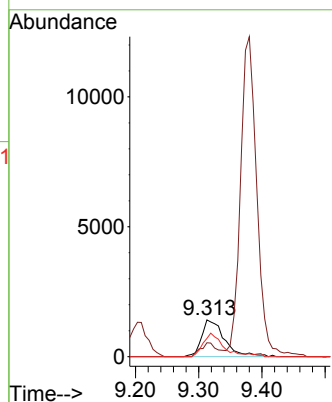
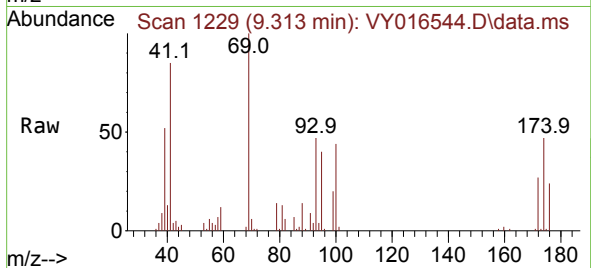
Tgt Ion: 88 Resp: 3570

Ion Ratio Lower Upper

88 100

43 29.8 0.0 0.0#

58 56.1 30.9 46.3#



#50

Toluene-d8

Concen: 51.991 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. -0.006 min

Lab File: VY016544.D

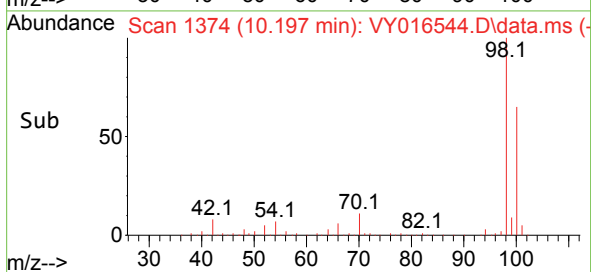
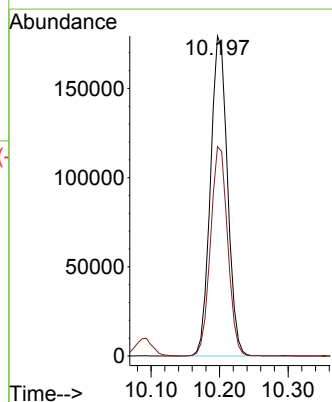
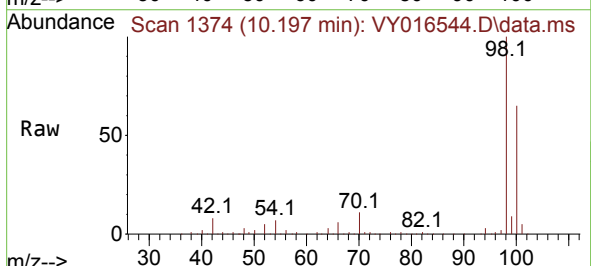
Acq: 30 Nov 2023 09:58

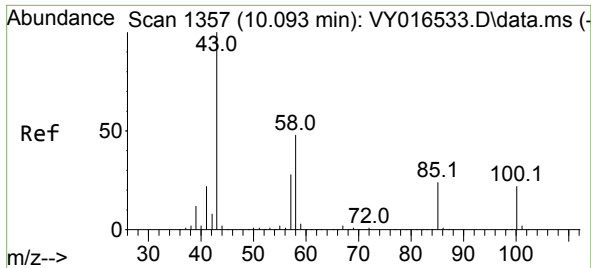
Tgt Ion: 98 Resp: 310259

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 105.194 ug/l

RT: 10.087 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

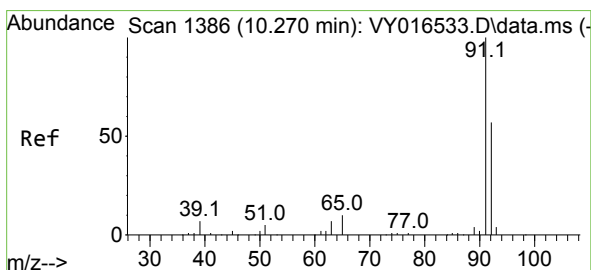
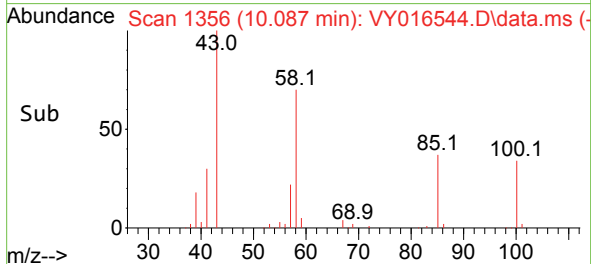
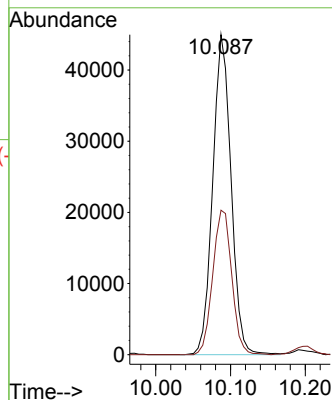
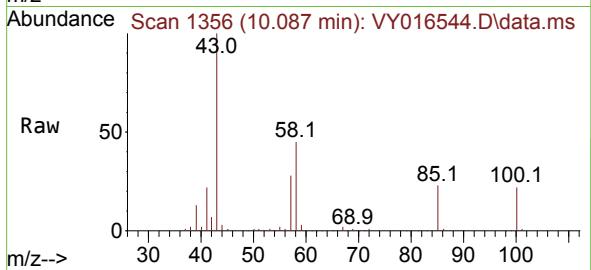
ClientSampleId :

Tgt Ion: 43 Resp: 76846

Ion Ratio Lower Upper

43 100

58 46.8 29.0 43.6#



#52

Toluene

Concen: 21.331 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. -0.006 min

Lab File: VY016544.D

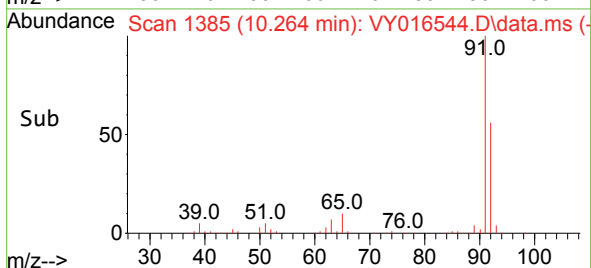
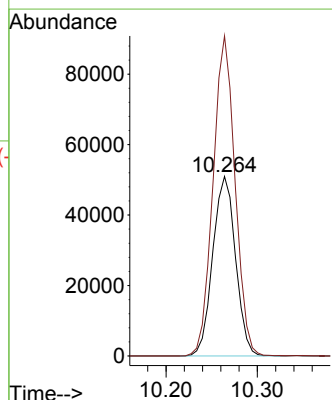
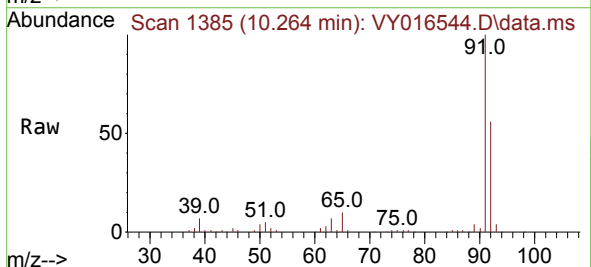
Acq: 30 Nov 2023 09:58

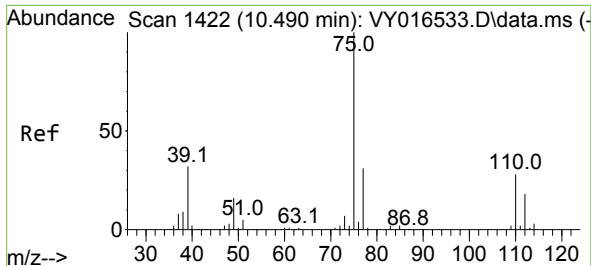
Tgt Ion: 92 Resp: 88274

Ion Ratio Lower Upper

92 100

91 172.7 143.8 215.6

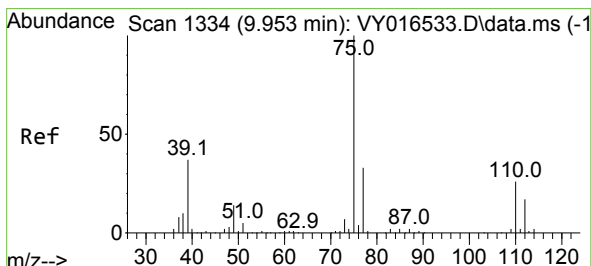
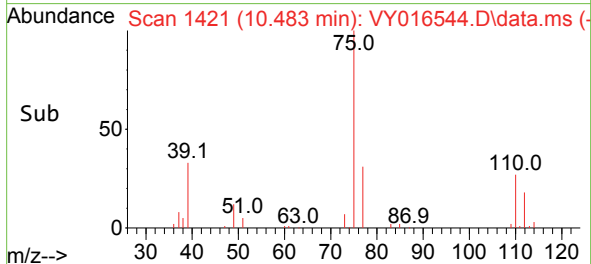
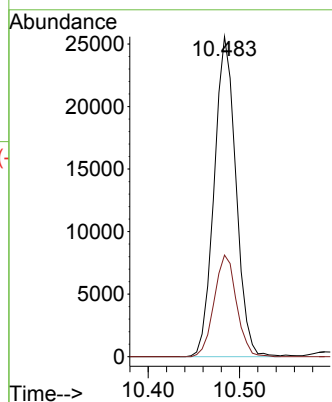
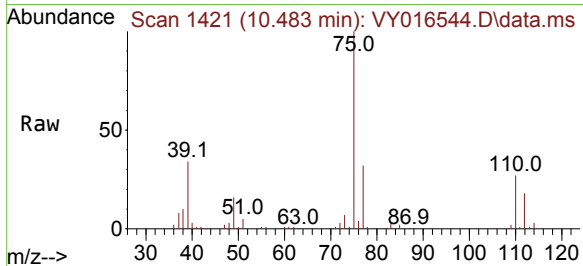




#53
 t-1,3-Dichloropropene
 Concen: 21.136 ug/l
 RT: 10.483 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY016544.D
 Acq: 30 Nov 2023 09:58

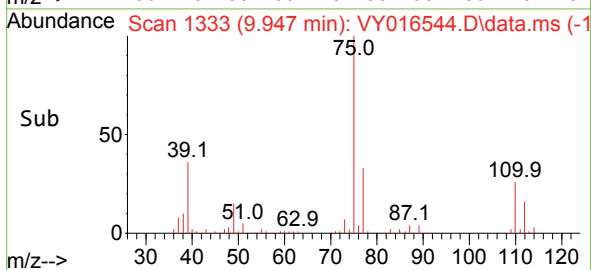
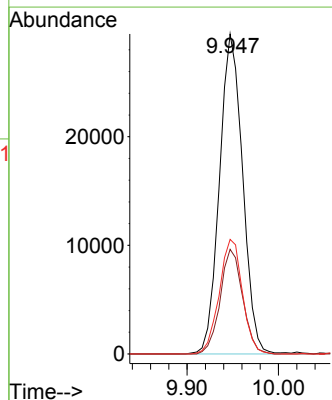
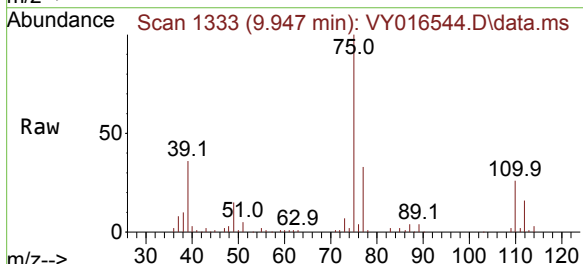
Instrument :
 MSVOA_Y
 ClientSampleId :

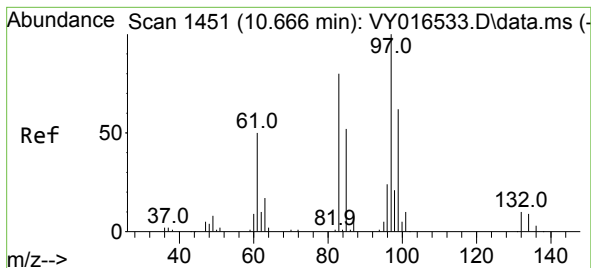
Tgt Ion: 75 Resp: 42268
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.391 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. -0.006 min
 Lab File: VY016544.D
 Acq: 30 Nov 2023 09:58

Tgt Ion: 75 Resp: 51837
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.2 36.4
 39 35.8 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 21.325 ug/l

RT: 10.660 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 25152

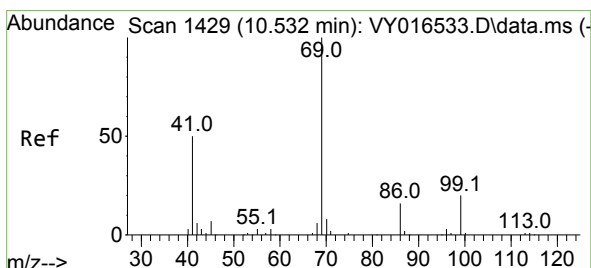
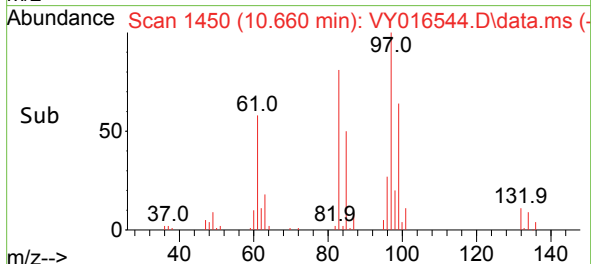
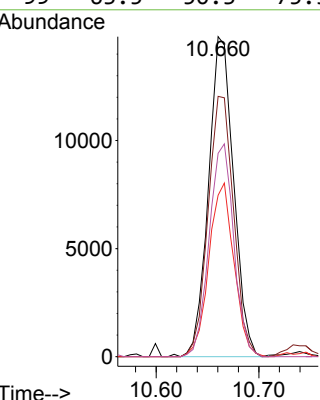
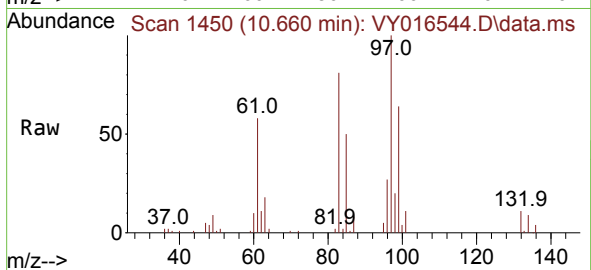
Ion Ratio Lower Upper

97 100

83 81.3 72.0 108.0

85 50.4 45.4 68.0

99 63.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.308 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

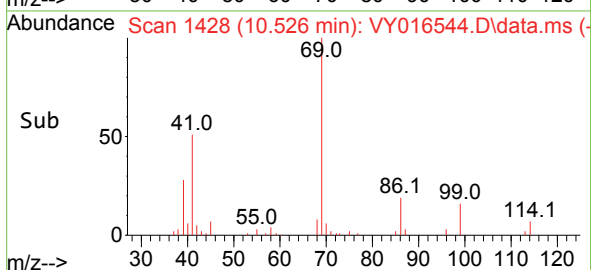
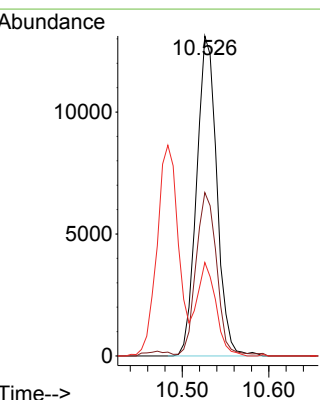
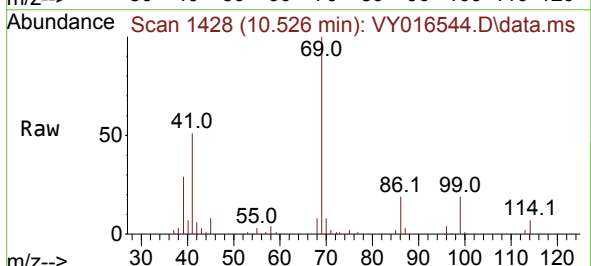
Tgt Ion: 69 Resp: 21269

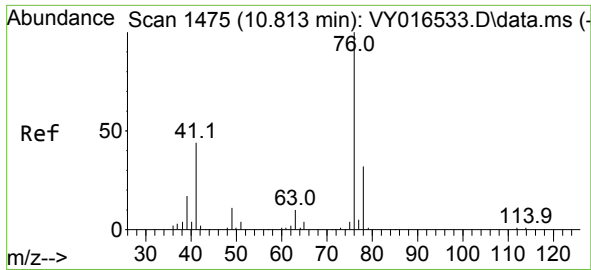
Ion Ratio Lower Upper

69 100

41 52.7 57.6 86.4#

39 27.3 34.1 51.1#

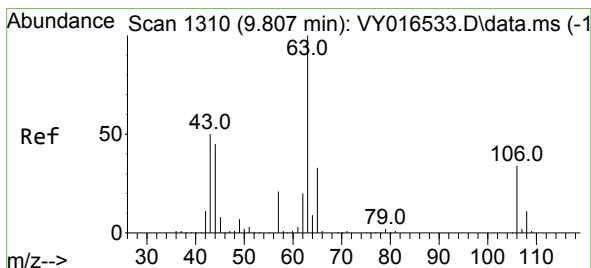
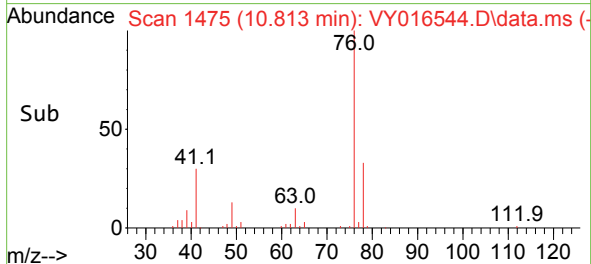
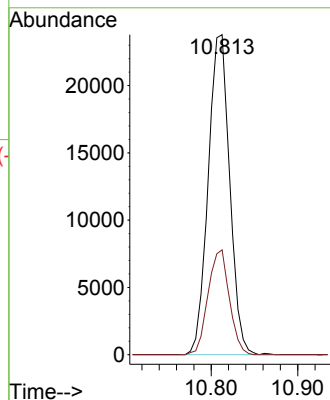
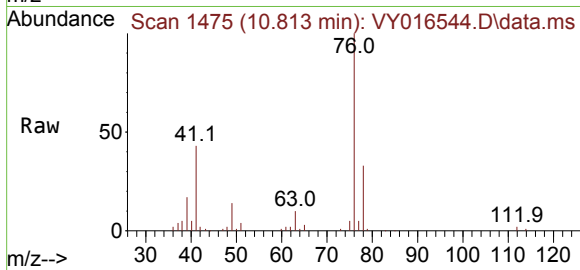




#57
1,3-Dichloropropane
Concen: 21.606 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

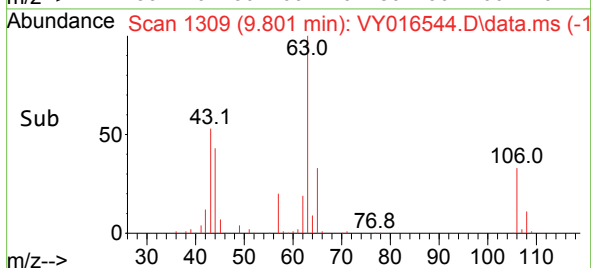
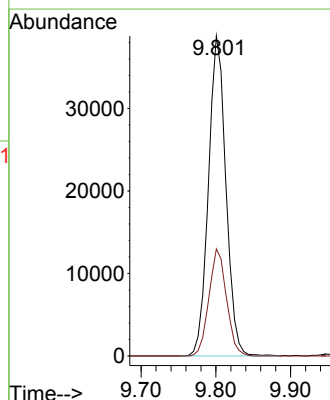
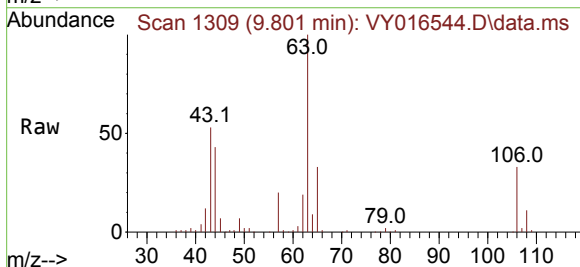
Instrument :
MSVOA_Y
ClientSampleId :

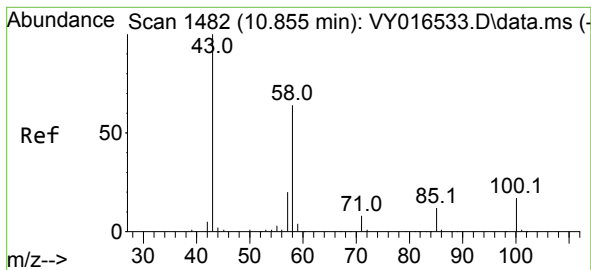
Tgt Ion: 76 Resp: 41049
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 102.191 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 63 Resp: 63075
Ion Ratio Lower Upper
63 100
106 33.6 21.2 31.8#

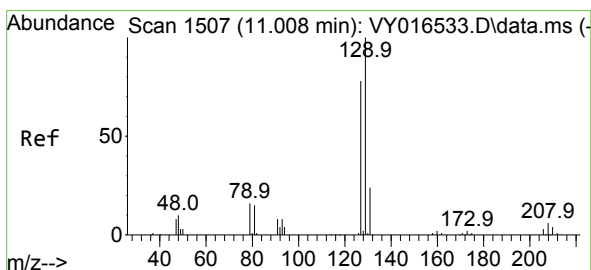
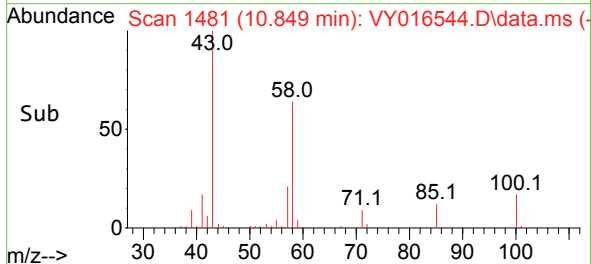
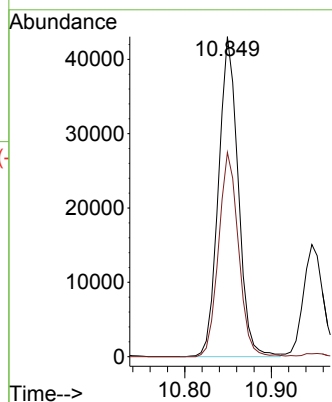
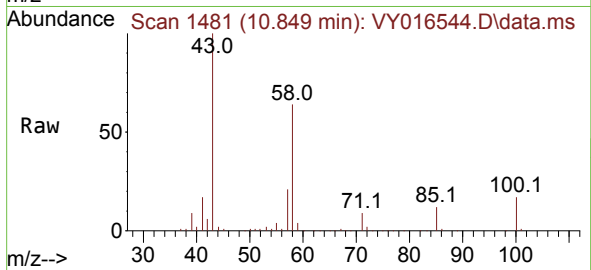




#59
2-Hexanone
Concen: 118.001 ug/l
RT: 10.849 min Scan# 1481
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

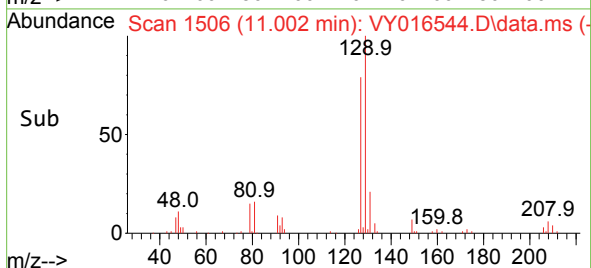
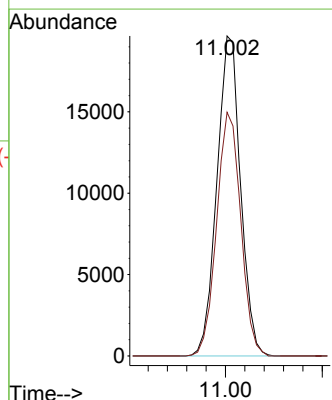
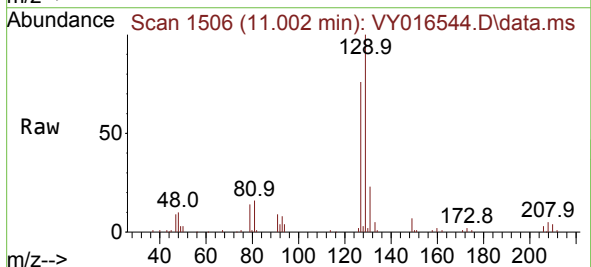
Instrument :
MSVOA_Y
ClientSampleId :

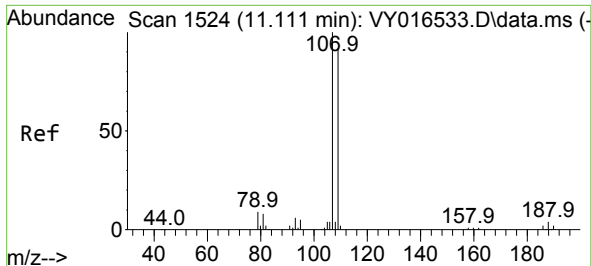
Tgt Ion: 43 Resp: 68091
Ion Ratio Lower Upper
43 100
58 64.3 25.1 75.3



#60
Dibromochloromethane
Concen: 21.646 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 129 Resp: 33371
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

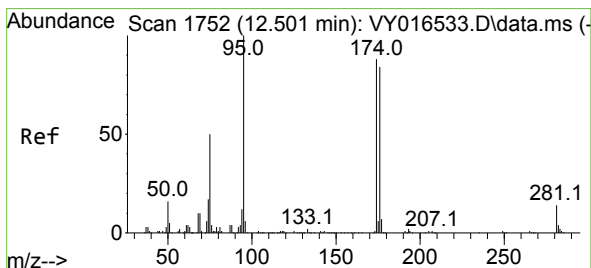
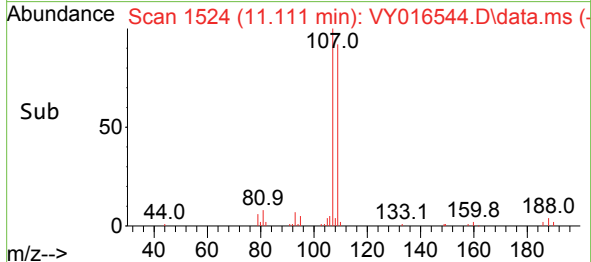
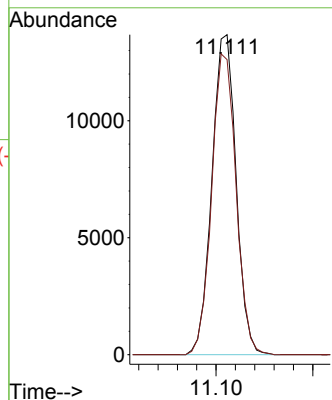
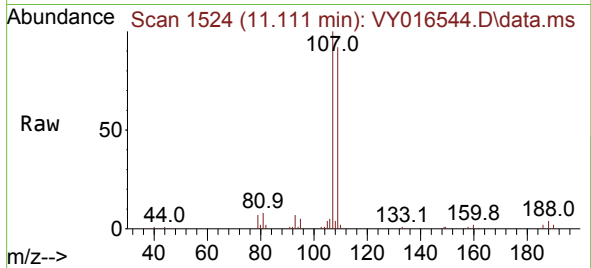




#61
1,2-Dibromoethane
Concen: 21.293 ug/l
RT: 11.111 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

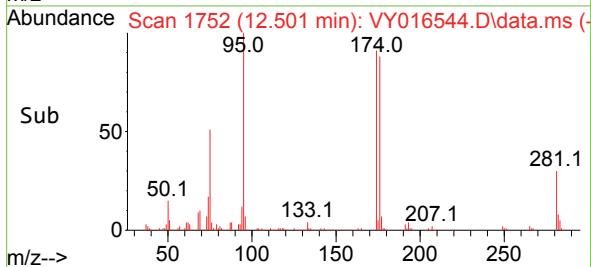
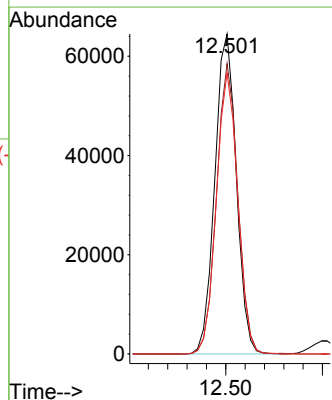
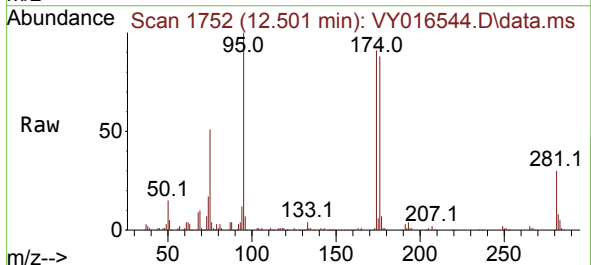
Instrument :
MSVOA_Y
ClientSampleId :

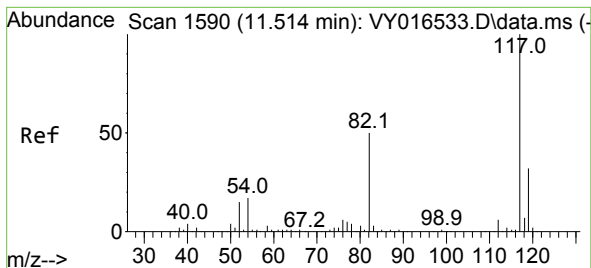
Tgt Ion:107 Resp: 23717
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.120 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 95 Resp: 99444
Ion Ratio Lower Upper
95 100
174 89.8 0.0 178.2
176 87.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

ClientSampleId :

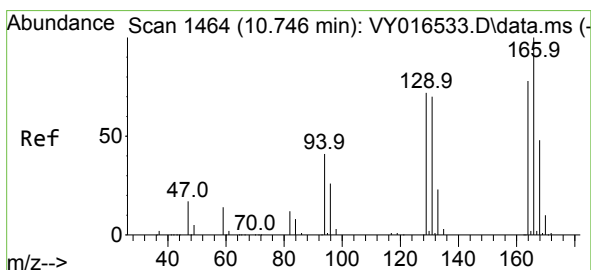
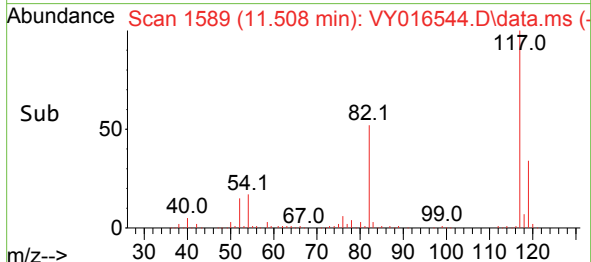
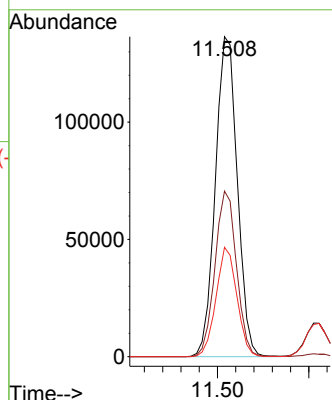
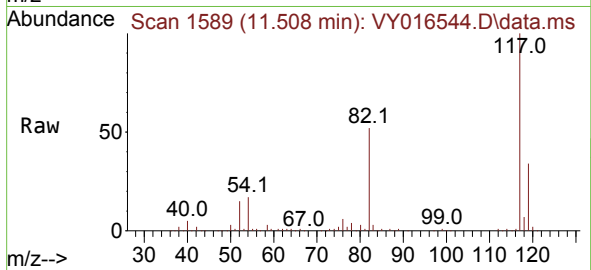
Tgt Ion:117 Resp: 227487

Ion Ratio Lower Upper

117 100

82 51.8 43.4 65.0

119 34.2 26.3 39.5



#64

Tetrachloroethene

Concen: 21.107 ug/l

RT: 10.739 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Tgt Ion:164 Resp: 42733

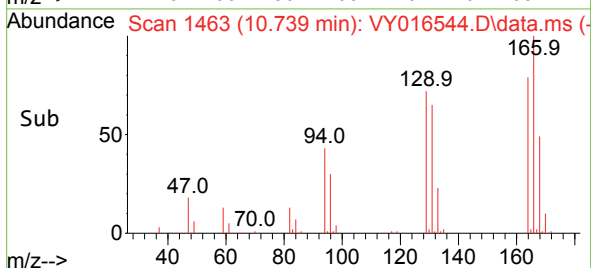
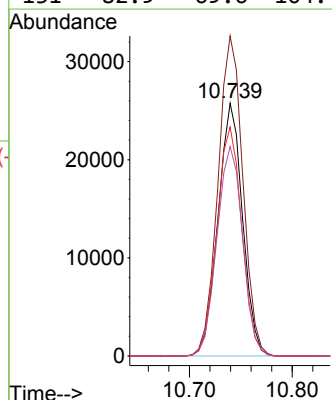
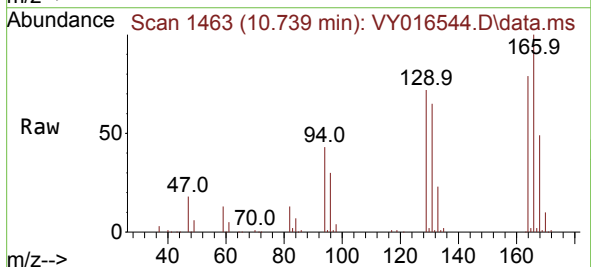
Ion Ratio Lower Upper

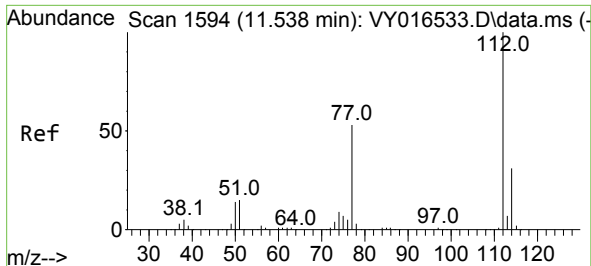
164 100

166 126.7 103.0 154.6

129 90.6 77.2 115.8

131 82.9 69.6 104.4

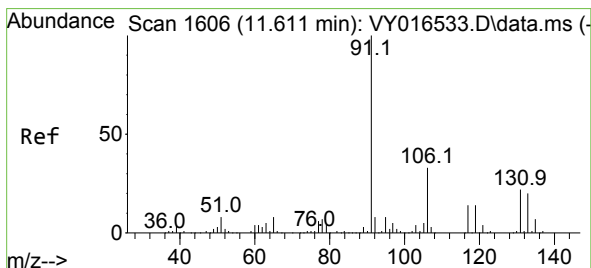
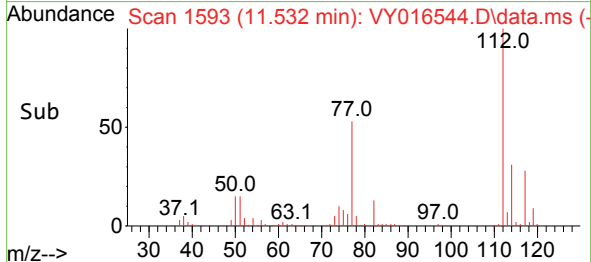
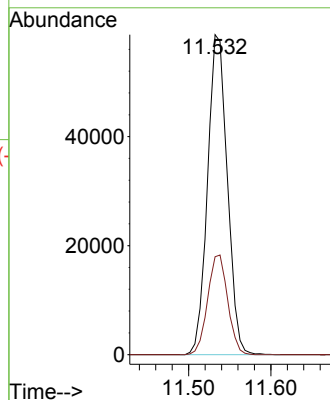
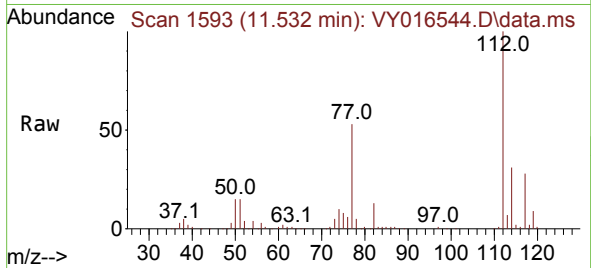




#65
Chlorobenzene
Concen: 21.497 ug/l
RT: 11.532 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

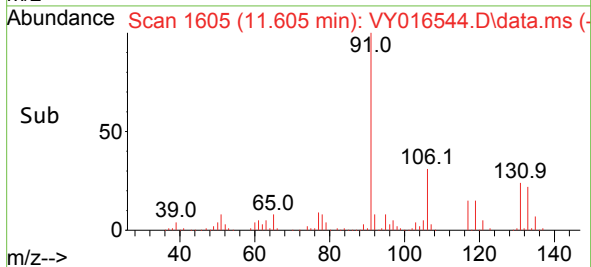
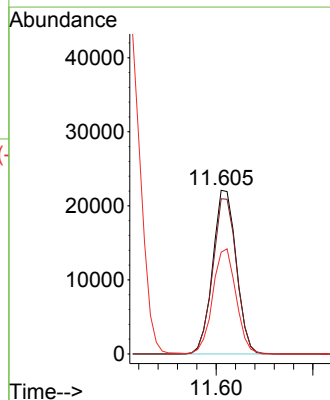
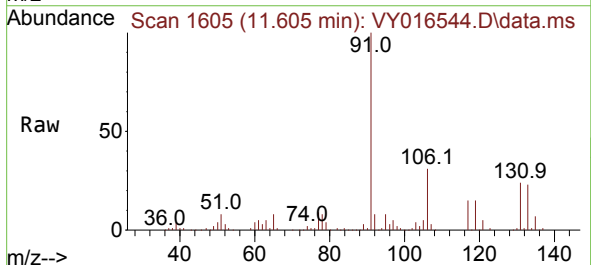
Instrument :
MSVOA_Y
ClientSampleId :

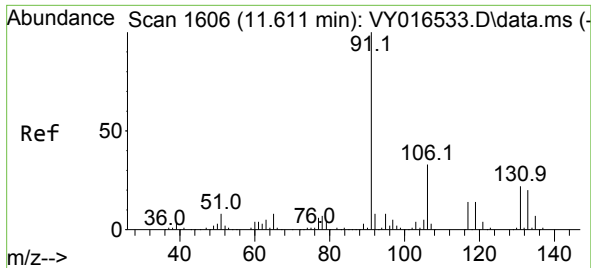
Tgt Ion:112 Resp: 97935
Ion Ratio Lower Upper
112 100
114 30.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.396 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion:131 Resp: 37367
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 63.6 31.6 94.7

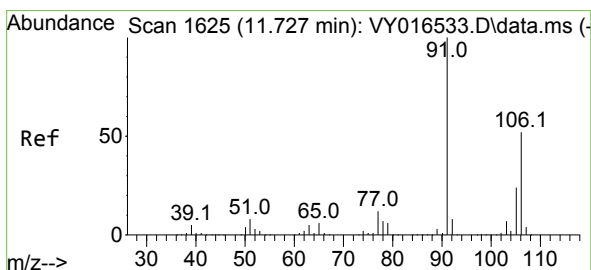
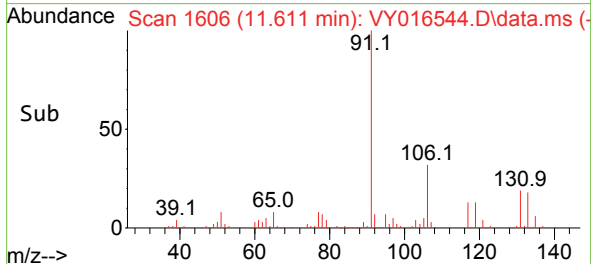
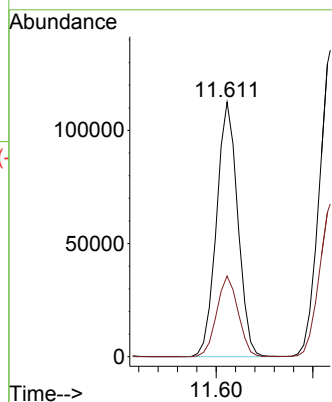
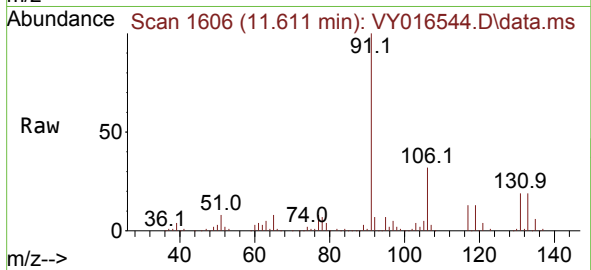




#67
Ethyl Benzene
Concen: 21.420 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

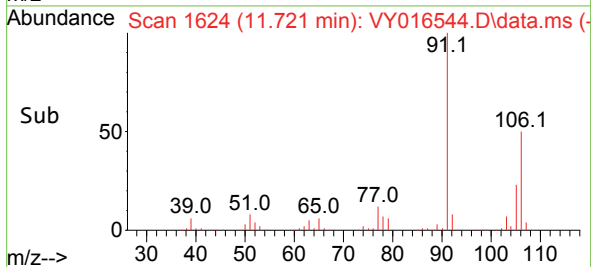
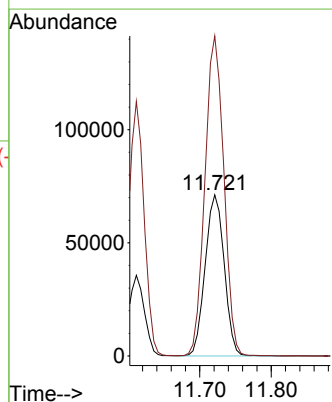
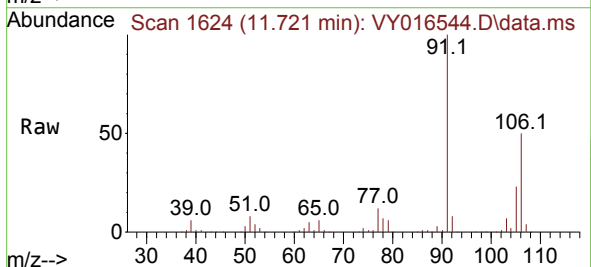
Instrument :
MSVOA_Y
ClientSampleId :

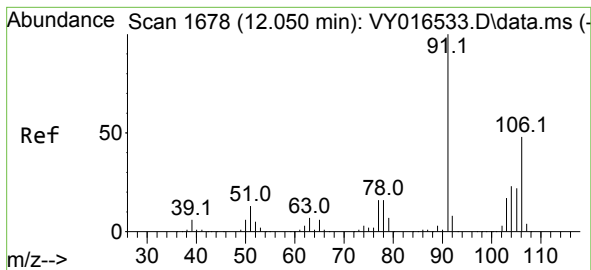
Tgt Ion: 91 Resp: 171297
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8



#68
m/p-Xylenes
Concen: 42.573 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. -0.006 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion:106 Resp: 131761
Ion Ratio Lower Upper
106 100
91 196.9 166.1 249.1





#69

o-Xylene

Concen: 21.725 ug/l

RT: 12.050 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

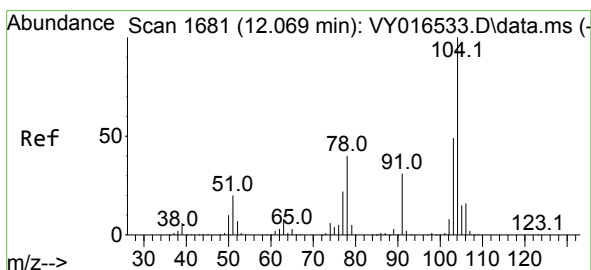
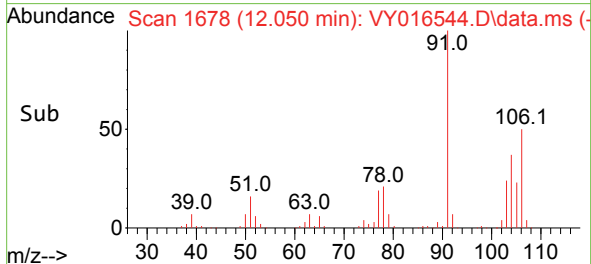
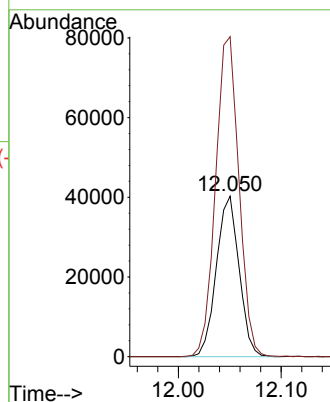
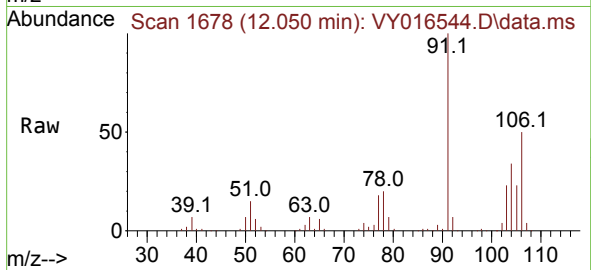
ClientSampleId :

Tgt Ion:106 Resp: 61727

Ion Ratio Lower Upper

106 100

91 205.1 108.1 324.3



#70

Styrene

Concen: 21.456 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

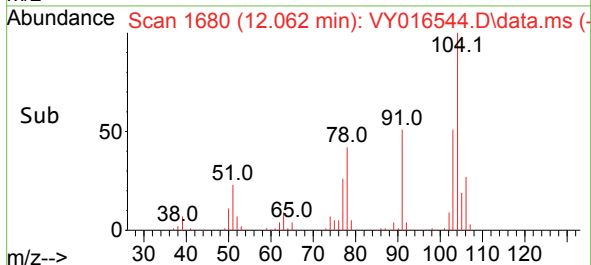
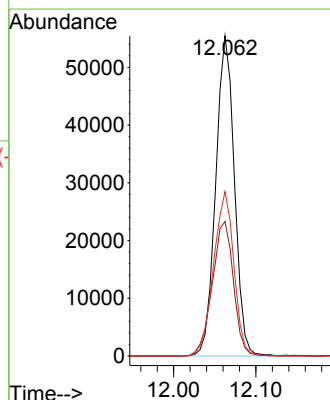
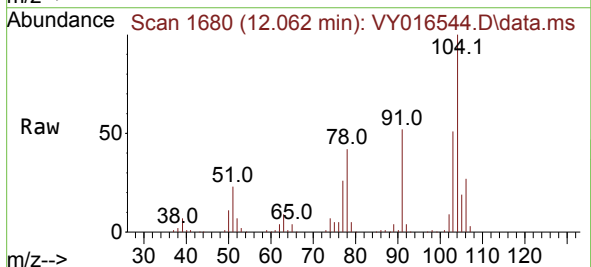
Tgt Ion:104 Resp: 87716

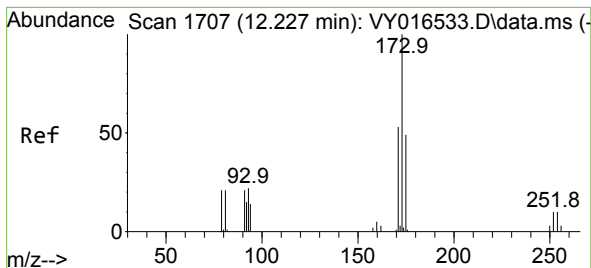
Ion Ratio Lower Upper

104 100

78 47.4 41.5 62.3

103 55.8 44.6 67.0





#71

Bromoform

Concen: 21.061 ug/l

RT: 12.227 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

ClientSampleId :

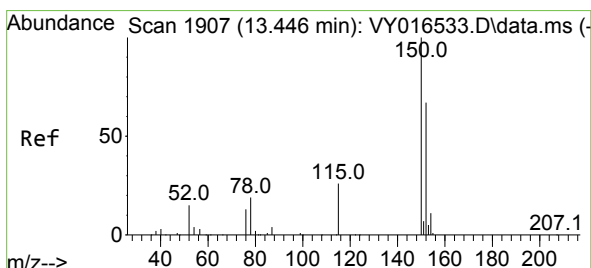
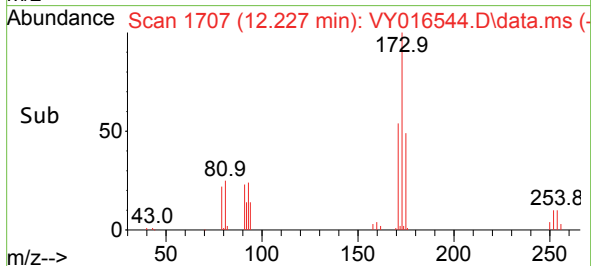
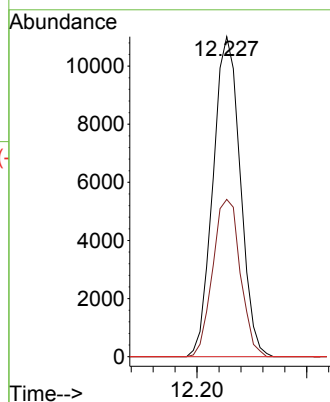
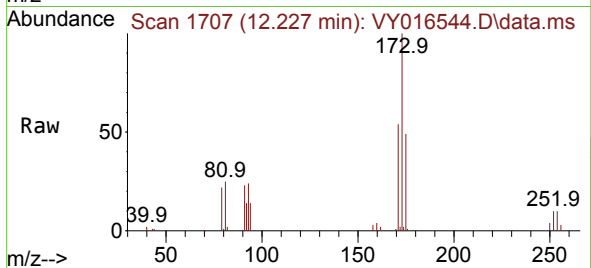
Tgt Ion:173 Resp: 18999

Ion Ratio Lower Upper

173 100

175 49.8 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

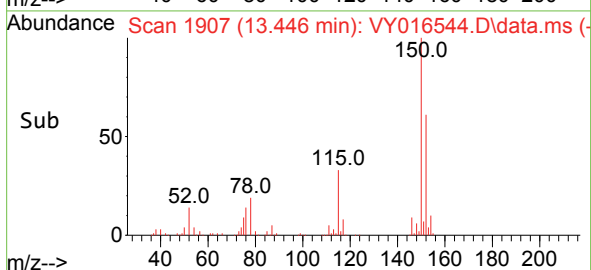
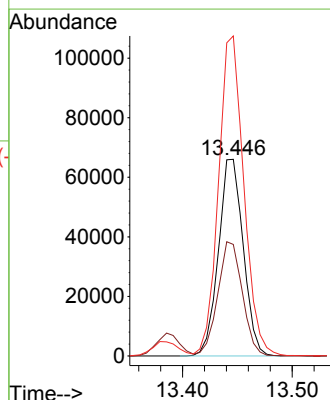
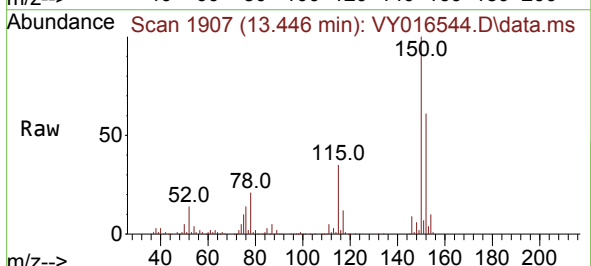
Tgt Ion:152 Resp: 103781

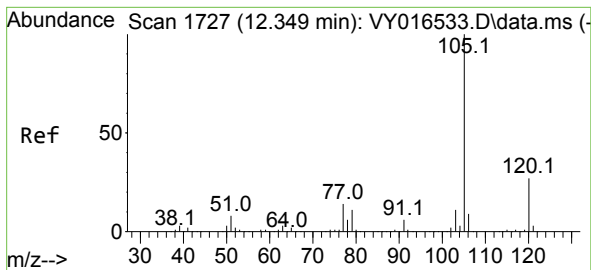
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 166.4 0.0 348.8





#73

Isopropylbenzene

Concen: 21.571 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

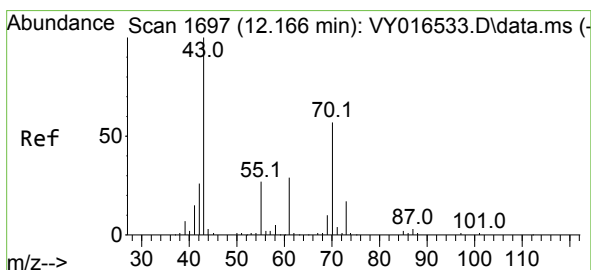
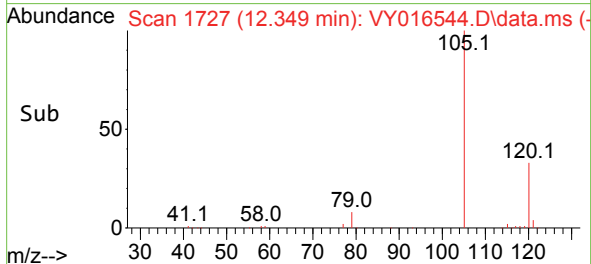
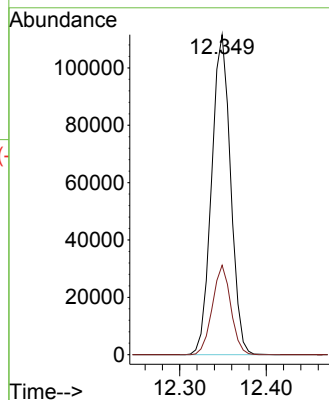
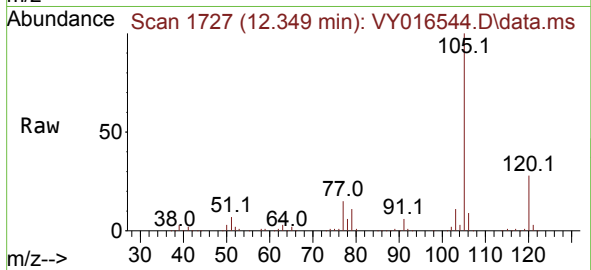
ClientSampleId :

Tgt Ion:105 Resp: 169771

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 21.606 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Tgt Ion: 43 Resp: 24014

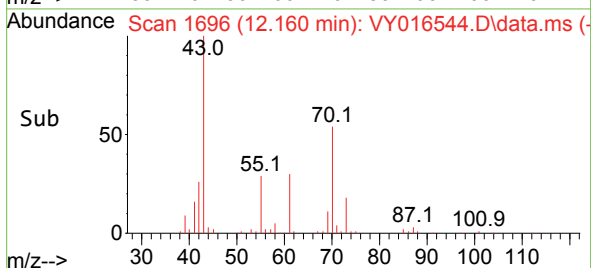
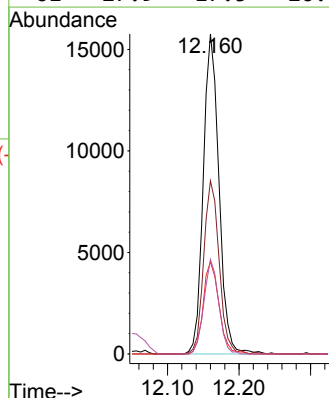
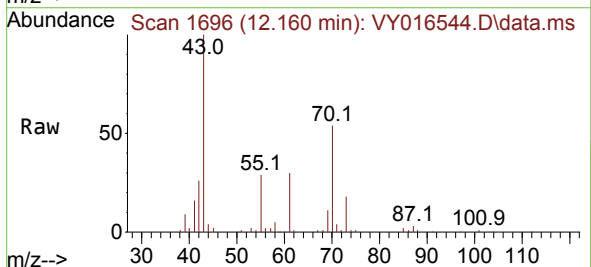
Ion Ratio Lower Upper

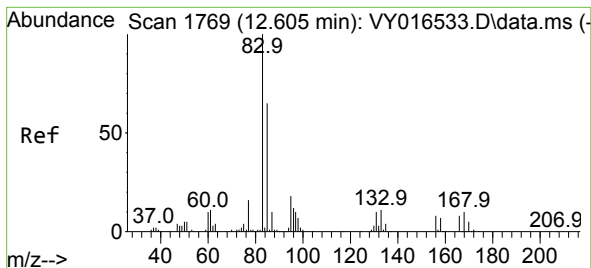
43 100

70 53.3 29.7 44.5#

55 29.1 18.3 27.5#

61 27.9 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 21.235 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

ClientSampleId :

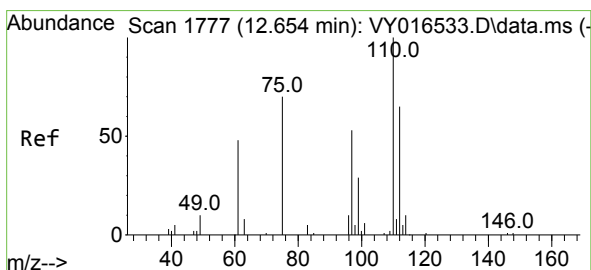
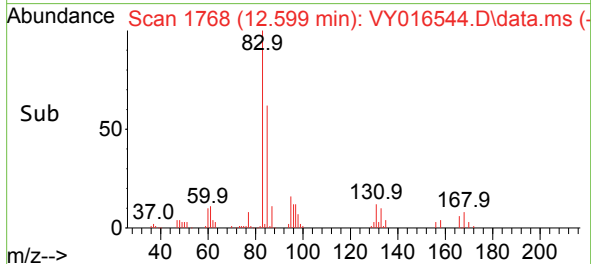
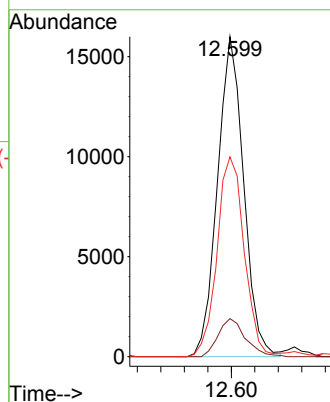
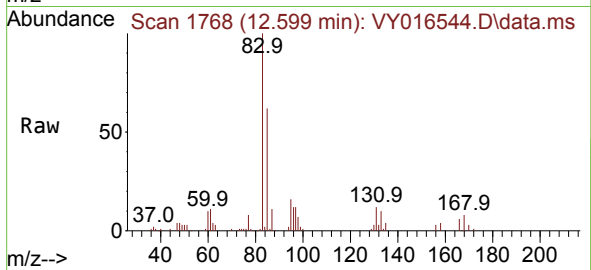
Tgt Ion: 83 Resp: 24808

Ion Ratio Lower Upper

83 100

131 12.4 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 38.257 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VY016544.D

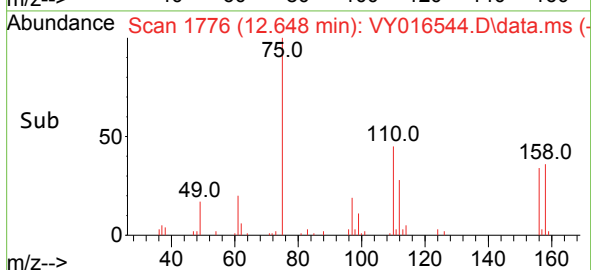
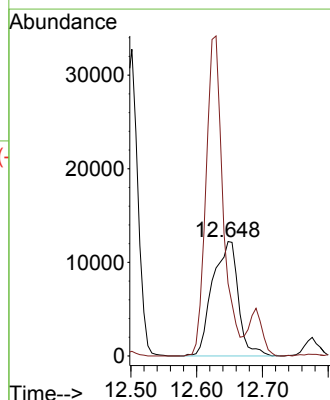
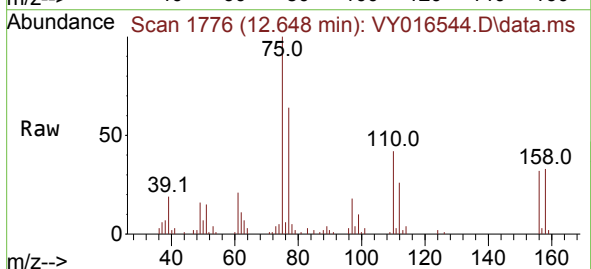
Acq: 30 Nov 2023 09:58

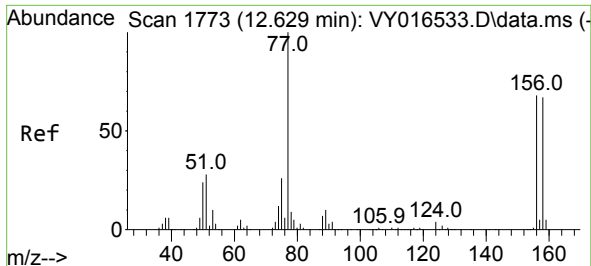
Tgt Ion: 75 Resp: 33336

Ion Ratio Lower Upper

75 100

77 185.5 0.0 0.0#

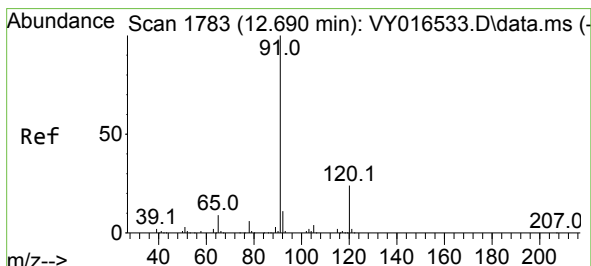
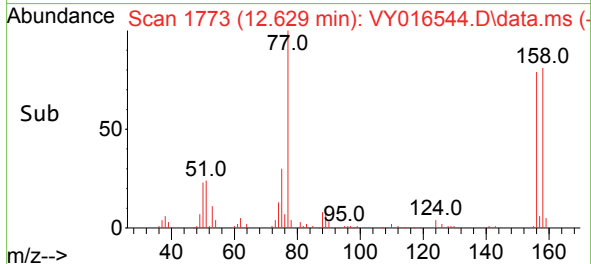
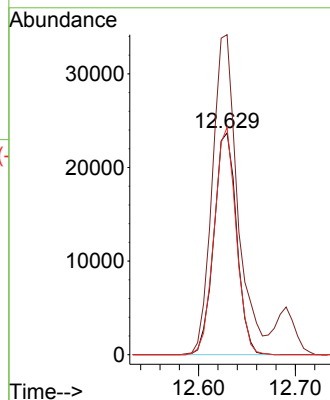
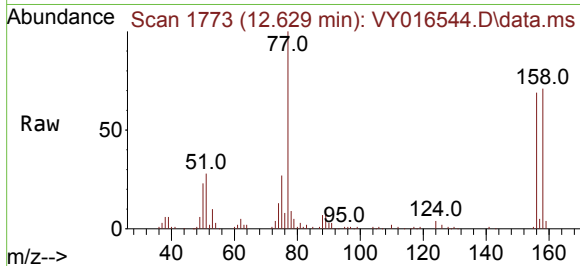




#77
Bromobenzene
Concen: 21.123 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

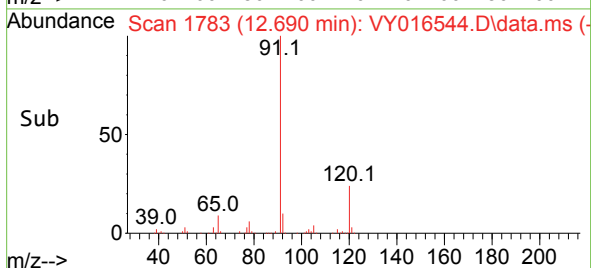
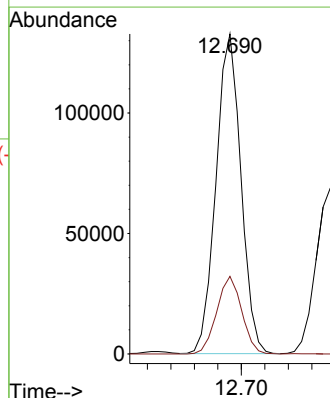
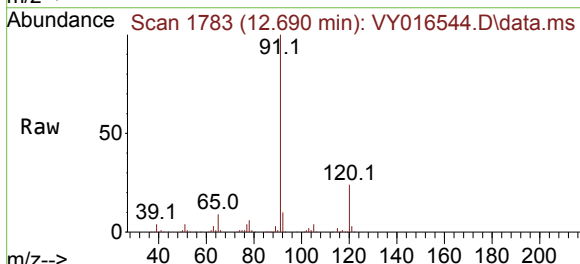
Instrument :
MSVOA_Y
ClientSampleId :

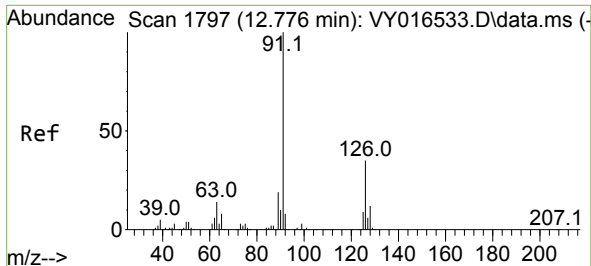
Tgt Ion:156 Resp: 38709
Ion Ratio Lower Upper
156 100
77 159.7 92.8 278.6
158 99.3 48.4 145.3



#78
n-propylbenzene
Concen: 21.722 ug/l
RT: 12.690 min Scan# 1783
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 91 Resp: 195583
Ion Ratio Lower Upper
91 100
120 24.3 11.5 34.4

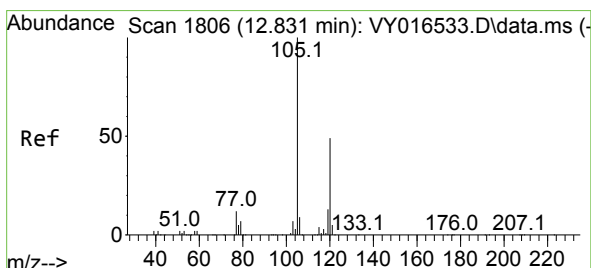
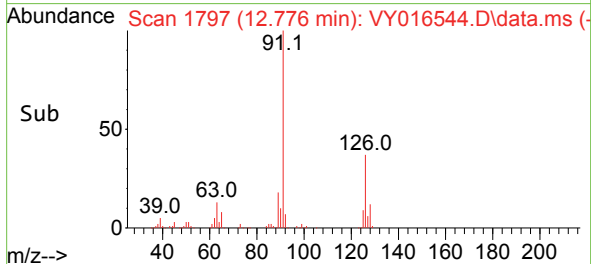
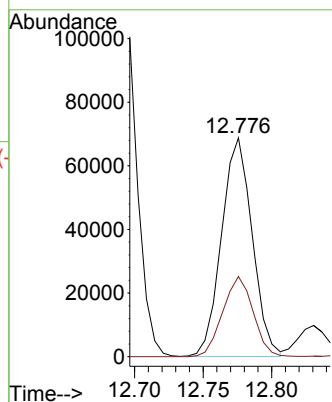
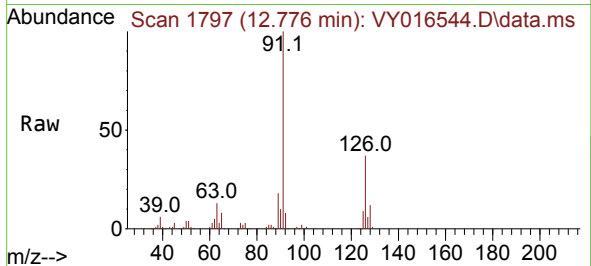




#79
2-Chlorotoluene
Concen: 21.361 ug/l
RT: 12.776 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

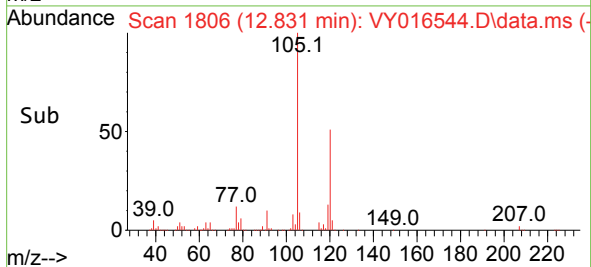
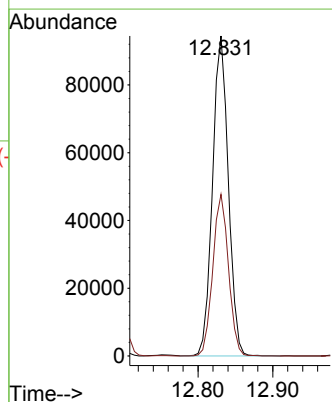
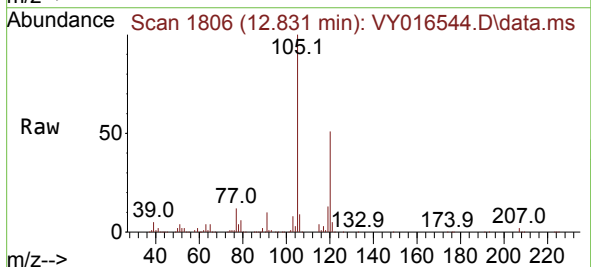
Instrument :
MSVOA_Y
ClientSampleId :

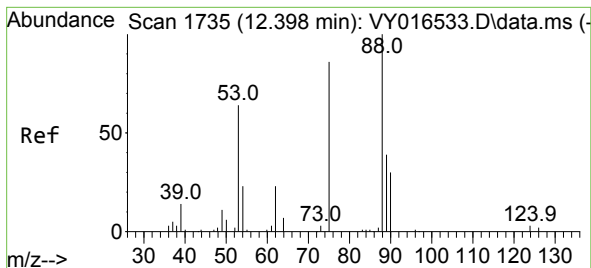
Tgt Ion: 91 Resp: 106977
Ion Ratio Lower Upper
91 100
126 36.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 21.937 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 105 Resp: 138785
Ion Ratio Lower Upper
105 100
120 50.1 23.9 71.7

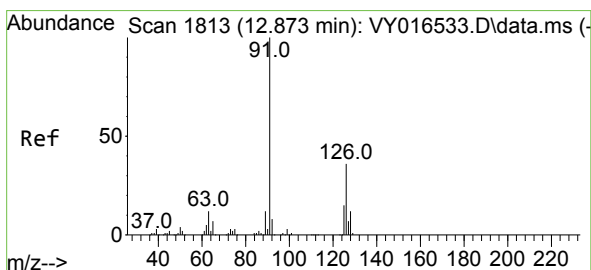
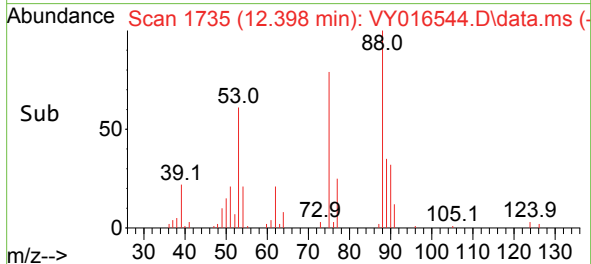
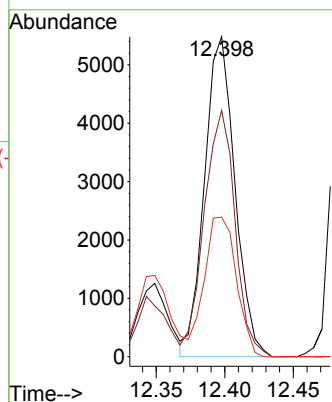
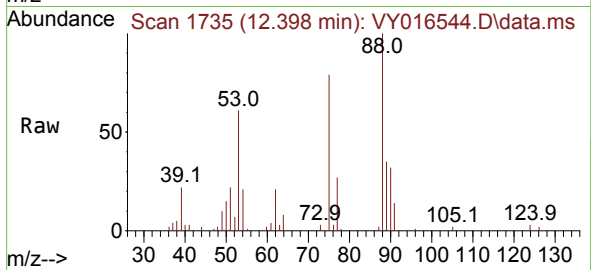




#81
trans-1,4-Dichloro-2-butene
Concen: 21.157 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

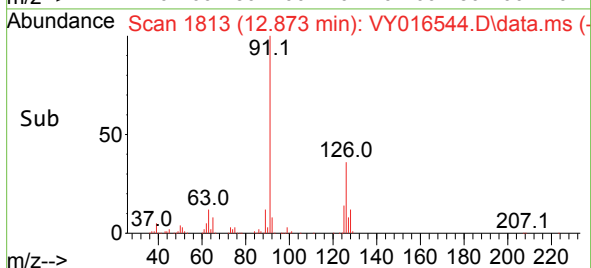
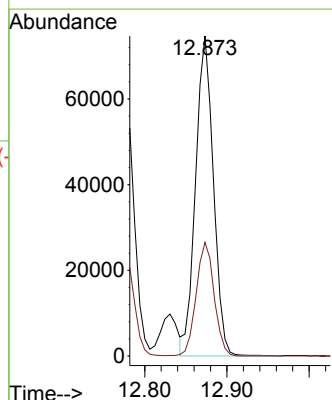
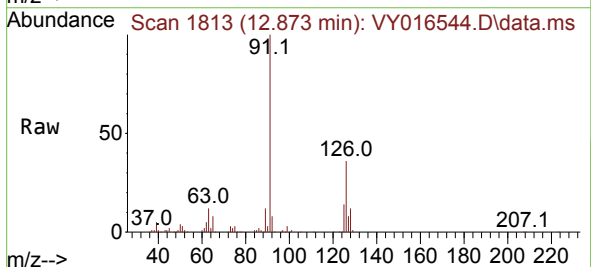
Instrument :
MSVOA_Y
ClientSampleId :

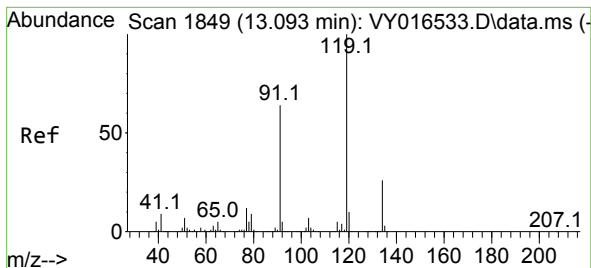
Tgt Ion: 75 Resp: 8453
Ion Ratio Lower Upper
75 100
53 78.1 77.8 116.8
89 45.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.845 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion: 91 Resp: 112324
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.395 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

ClientSampleId :

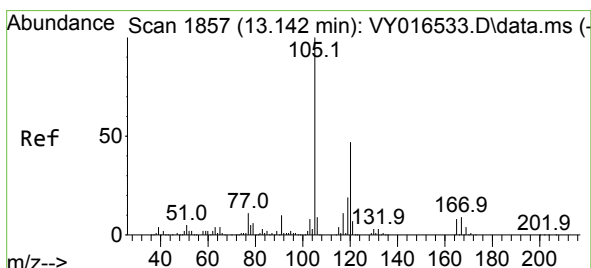
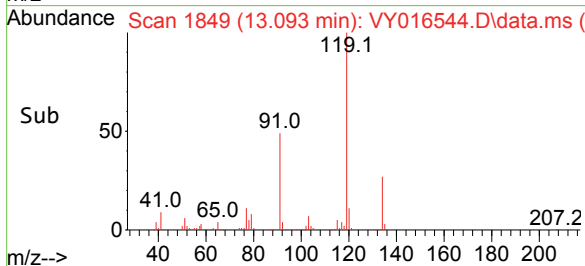
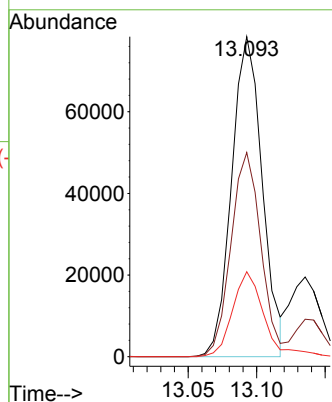
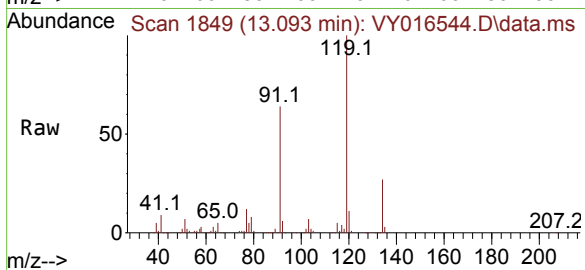
Tgt Ion:119 Resp: 122155

Ion Ratio Lower Upper

119 100

91 62.1 32.9 98.6

134 27.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.852 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. -0.006 min

Lab File: VY016544.D

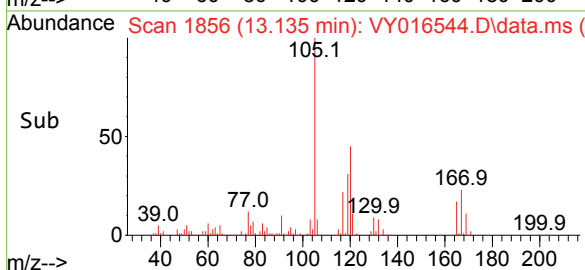
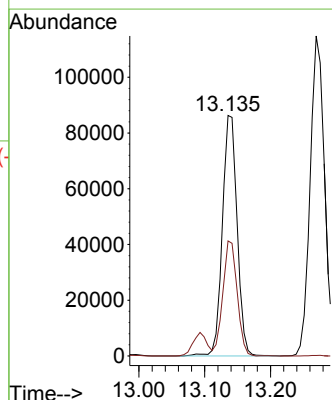
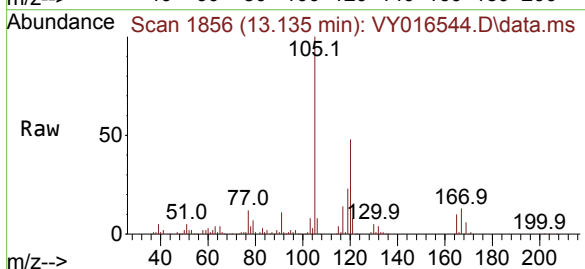
Acq: 30 Nov 2023 09:58

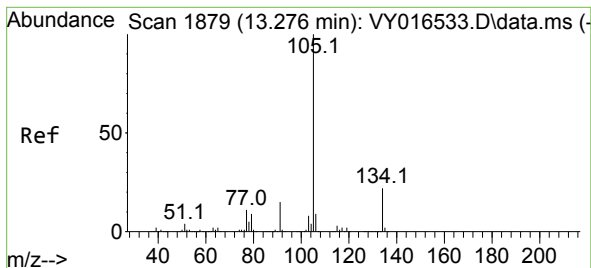
Tgt Ion:105 Resp: 134600

Ion Ratio Lower Upper

105 100

120 46.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 22.055 ug/l

RT: 13.270 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

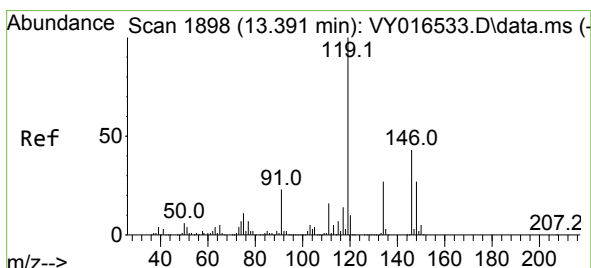
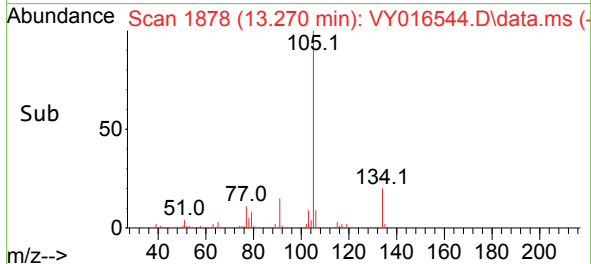
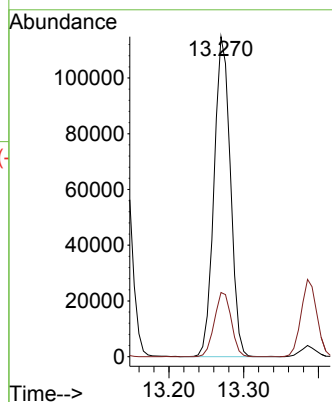
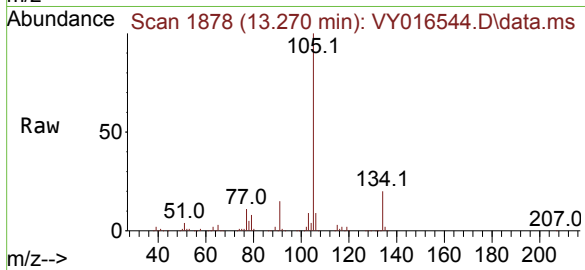
ClientSampleId :

Tgt Ion:105 Resp: 174161

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.958 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

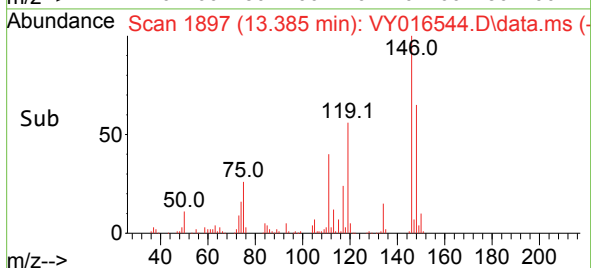
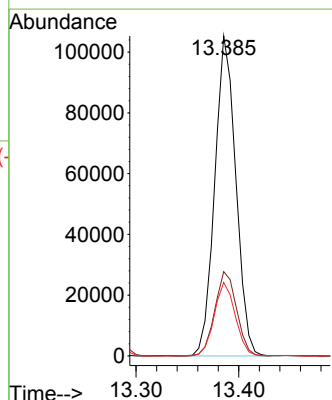
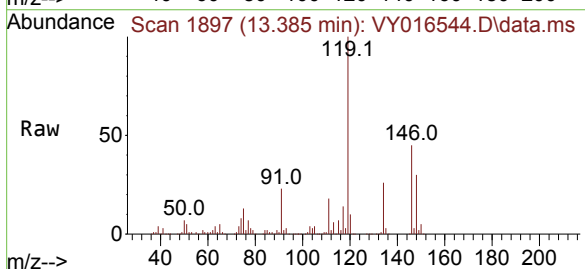
Tgt Ion:119 Resp: 149812

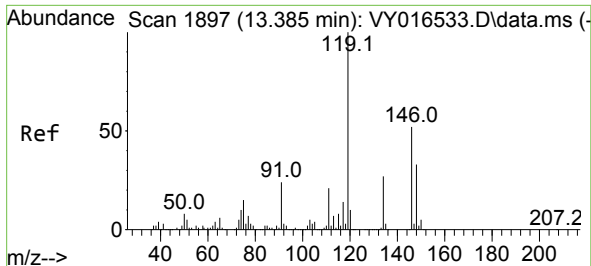
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 23.0 12.4 37.4

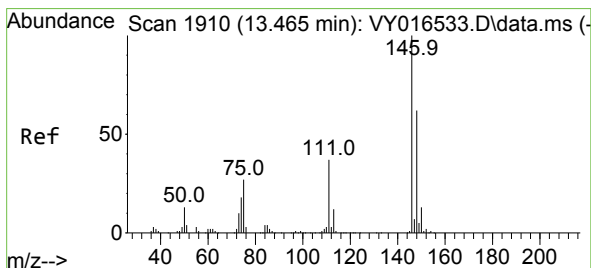
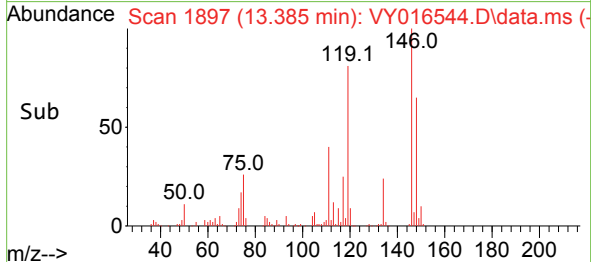
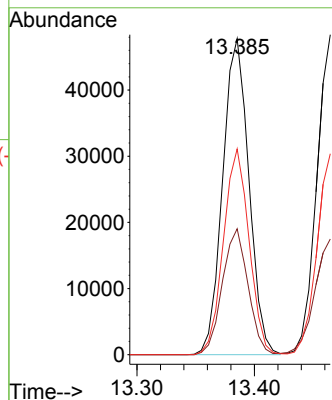
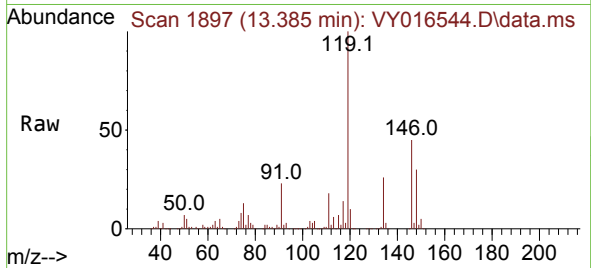




#87
1,3-Dichlorobenzene
Concen: 21.397 ug/l
RT: 13.385 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

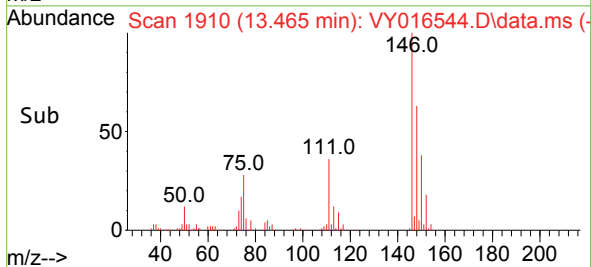
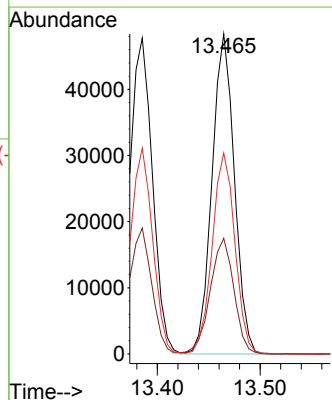
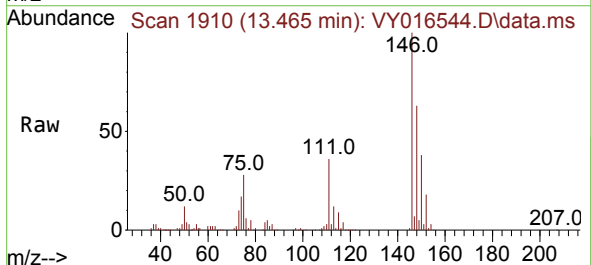
Instrument :
MSVOA_Y
ClientSampleId :

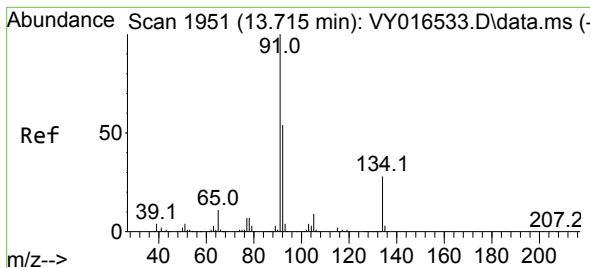
Tgt Ion:146 Resp: 74042
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.2
148 63.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 21.590 ug/l
RT: 13.465 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY016544.D
Acq: 30 Nov 2023 09:58

Tgt Ion:146 Resp: 73123
Ion Ratio Lower Upper
146 100
111 38.3 18.9 56.7
148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 21.870 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

ClientSampleId :

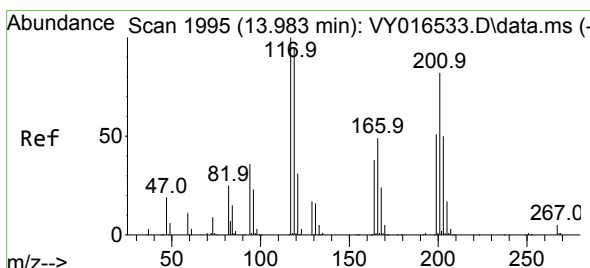
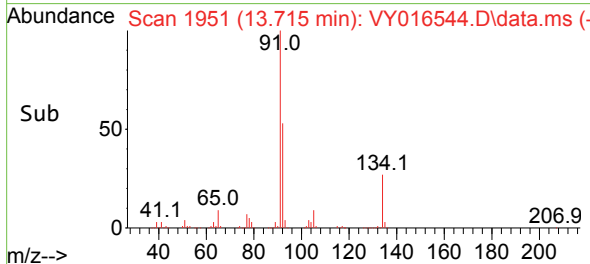
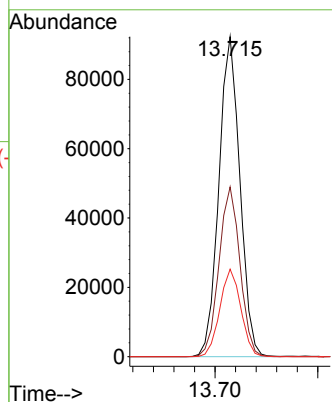
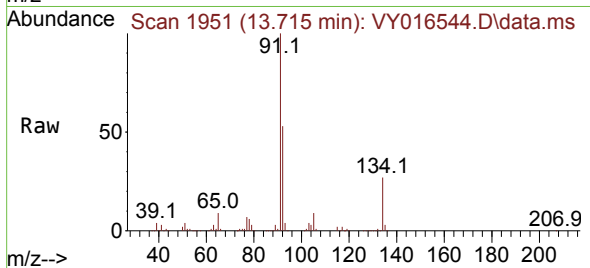
Tgt Ion: 91 Resp: 130785

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 27.3 12.6 37.6



#90

Hexachloroethane

Concen: 21.452 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY016544.D

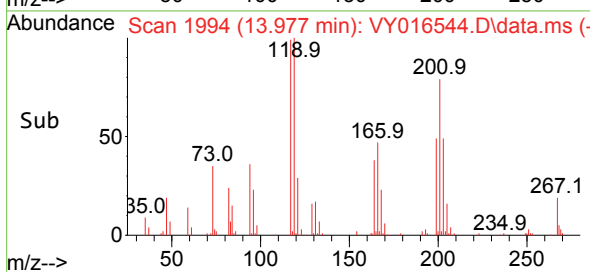
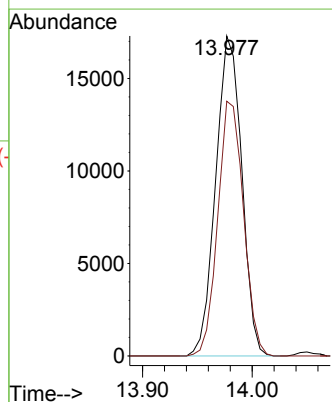
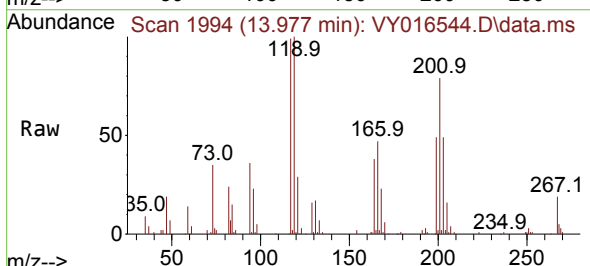
Acq: 30 Nov 2023 09:58

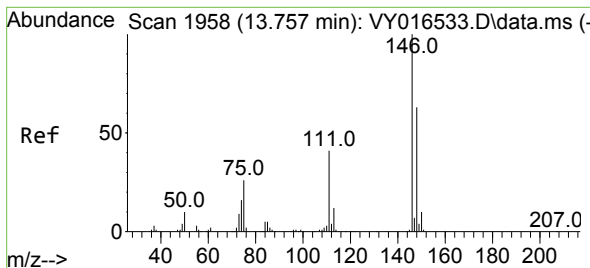
Tgt Ion: 117 Resp: 28557

Ion Ratio Lower Upper

117 100

201 78.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 21.812 ug/l

RT: 13.757 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

ClientSampleId :

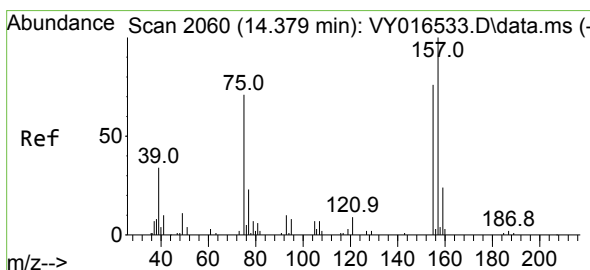
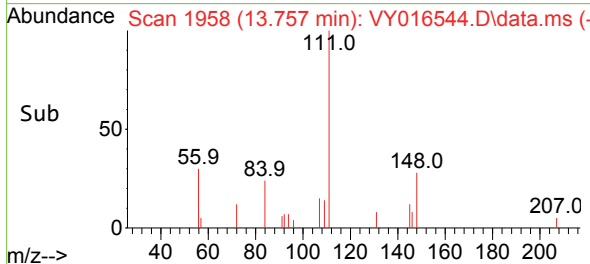
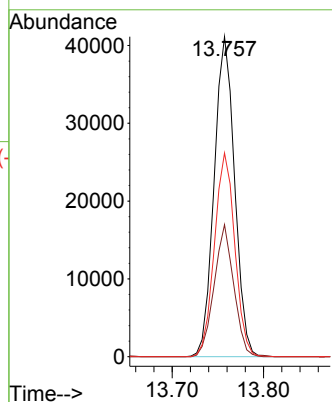
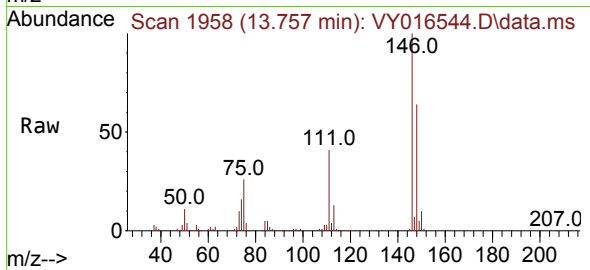
Tgt Ion:146 Resp: 63966

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.718 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

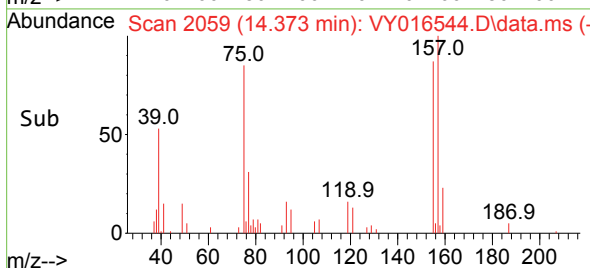
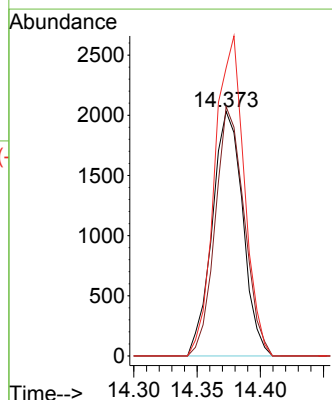
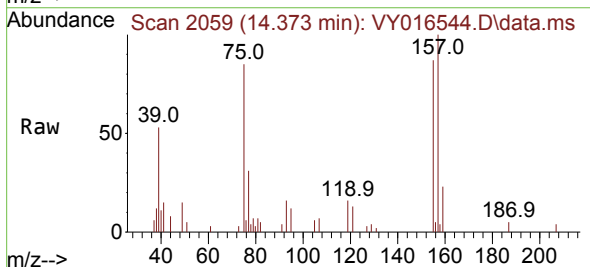
Tgt Ion: 75 Resp: 3405

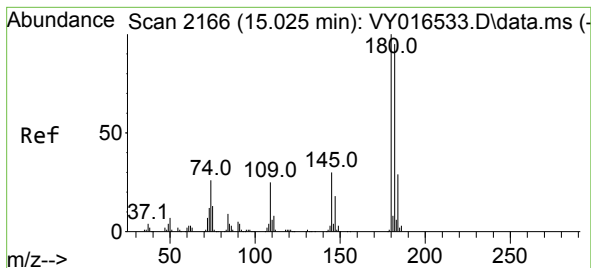
Ion Ratio Lower Upper

75 100

155 96.8 41.5 124.6

157 126.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.737 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.000 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

ClientSampleId :

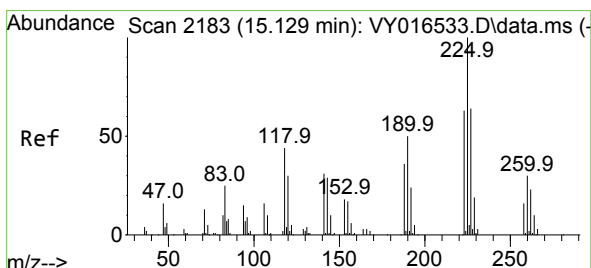
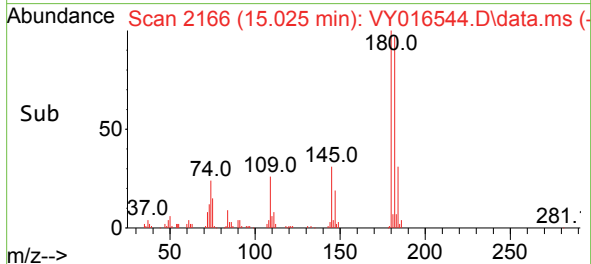
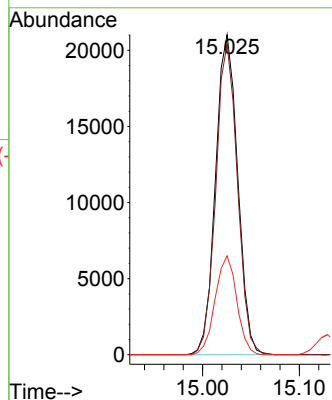
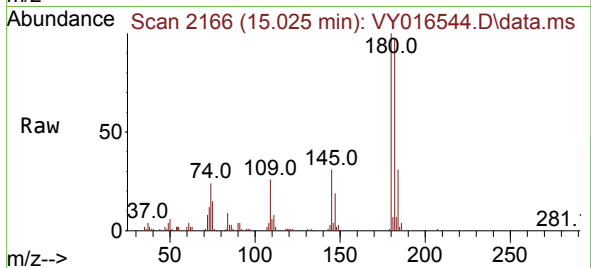
Tgt Ion:180 Resp: 33402

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 30.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.149 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

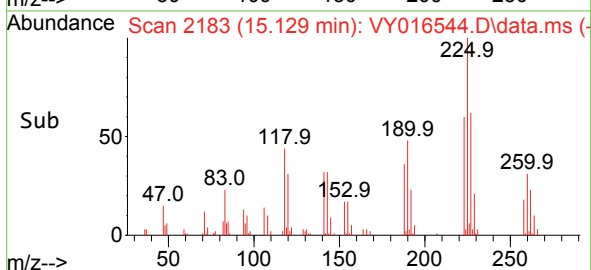
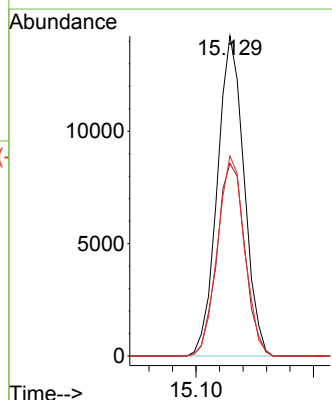
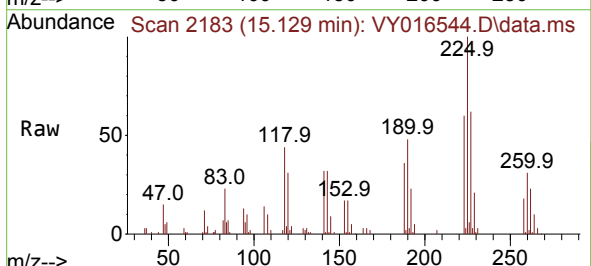
Tgt Ion:225 Resp: 22496

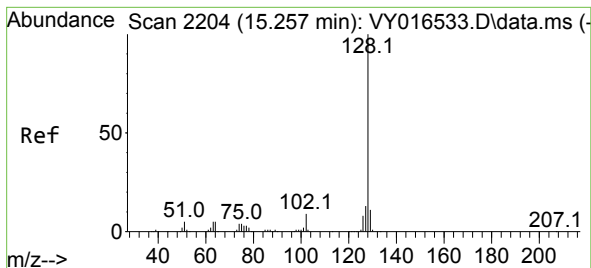
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 63.1 33.0 98.9





#95

Naphthalene

Concen: 19.717 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. -0.000 min

Lab File: VY016544.D

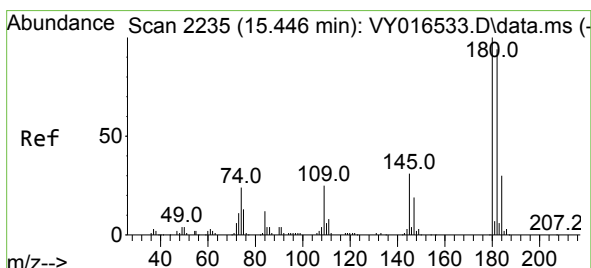
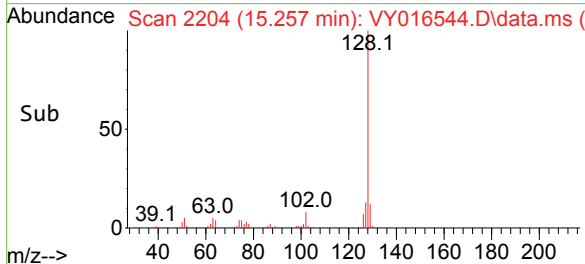
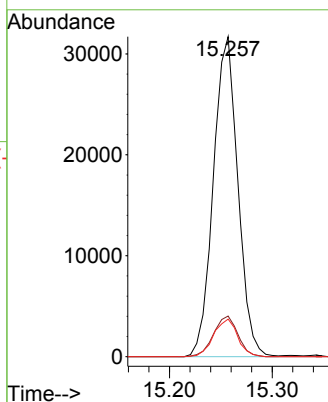
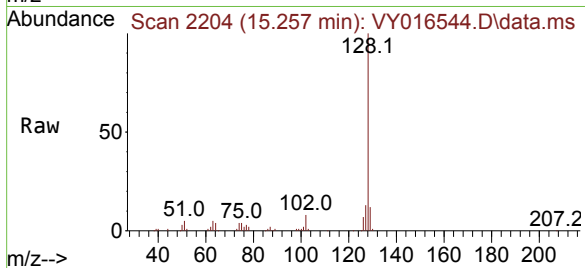
Acq: 30 Nov 2023 09:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	52487
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.8 16.2
129	11.5	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.515 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. -0.000 min

Lab File: VY016544.D

Acq: 30 Nov 2023 09:58

Tgt Ion:180	Resp:	26193
Ion Ratio	Lower	Upper
180	100	
182	95.8	47.3 141.8
145	33.1	15.4 46.2

