

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016513.D
 Acq On : 28 Nov 2023 12:00
 Operator : SY/MD
 Sample : VY1128SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 29 03:04:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	144668	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	223246	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.513	117	192987	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	93048	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	63401	47.951	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.900%
35) Dibromofluoromethane	7.746	113	74192	58.503	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.000%
50) Toluene-d8	10.203	98	270503	52.599	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.200%
62) 4-Bromofluorobenzene	12.501	95	91909	55.026	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.060%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.918	85	32240	22.760	ug/l	99
3) Chloromethane	2.131	50	32540	19.614	ug/l	99
4) Vinyl Chloride	2.271	62	34861	19.542	ug/l	92
5) Bromomethane	2.674	94	23113	19.715	ug/l	99
6) Chloroethane	2.814	64	22621	19.872	ug/l	98
7) Trichlorofluoromethane	3.149	101	59606	22.966	ug/l	100
8) Diethyl Ether	3.558	74	15868	20.457	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.936	101	33378	21.352	ug/l	98
10) Methyl Iodide	4.125	142	37754	22.362	ug/l	98
11) Tert butyl alcohol	4.984	59	8385	80.984	ug/l #	83
12) 1,1-Dichloroethene	3.899	96	31092	21.268	ug/l	81
13) Acrolein	3.759	56	7714	61.768	ug/l	98
14) Allyl chloride	4.515	41	36729	17.704	ug/l #	88
15) Acrylonitrile	5.198	53	28109	91.312	ug/l	99
16) Acetone	3.972	43	25097	114.750	ug/l #	89
17) Carbon Disulfide	4.228	76	88646	20.097	ug/l	97
18) Methyl Acetate	4.515	43	19922	17.142	ug/l #	84
19) Methyl tert-butyl Ether	5.258	73	69018	19.506	ug/l	95
20) Methylene Chloride	4.753	84	37887	22.615	ug/l #	80
21) trans-1,2-Dichloroethene	5.258	96	35950	21.358	ug/l	87
22) Diisopropyl ether	6.155	45	80520	18.010	ug/l #	89
23) Vinyl Acetate	6.094	43	184947	85.372	ug/l #	86
24) 1,1-Dichloroethane	6.057	63	55978	20.295	ug/l	98
25) 2-Butanone	7.020	43	36932	96.408	ug/l #	85
26) 2,2-Dichloropropane	7.014	77	53393	21.269	ug/l	95
27) cis-1,2-Dichloroethene	7.020	96	39201	21.610	ug/l	86
28) Bromochloromethane	7.368	49	18098	17.729	ug/l #	68
29) Tetrahydrofuran	7.374	42	20615	81.416	ug/l #	76
30) Chloroform	7.539	83	62500	21.770	ug/l	99
31) Cyclohexane	7.813	56	48246	18.533	ug/l #	83
32) 1,1,1-Trichloroethane	7.734	97	57809	21.966	ug/l	95
36) 1,1-Dichloropropene	7.947	75	47002	21.344	ug/l	97
37) Ethyl Acetate	7.112	43	14966	16.821	ug/l #	89
38) Carbon Tetrachloride	7.929	117	55044	24.085	ug/l	98
39) Methylcyclohexane	9.209	83	57118	20.816	ug/l	88
40) Benzene	8.185	78	136740	22.102	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.337	41	7647	17.045	ug/l #	85
42) 1,2-Dichloroethane	8.264	62	34169	21.315	ug/l	90
43) Isopropyl Acetate	8.295	43	29553	17.183	ug/l #	83
44) Trichloroethene	8.965	130	41289	23.221	ug/l	95
45) 1,2-Dichloropropane	9.239	63	31331	21.087	ug/l	100
46) Dibromomethane	9.331	93	17796	22.102	ug/l	98
47) Bromodichloromethane	9.520	83	46802	22.610	ug/l	97
48) Methyl methacrylate	9.313	41	16836	17.713	ug/l #	79
49) 1,4-Dioxane	9.319	88	3275	383.129	ug/l #	64
51) 4-Methyl-2-Pentanone	10.093	43	75553	86.873	ug/l #	85
52) Toluene	10.270	92	88418	22.608	ug/l	95
53) t-1,3-Dichloropropene	10.489	75	41975	20.917	ug/l	97
54) cis-1,3-Dichloropropene	9.953	75	51282	21.396	ug/l #	84
55) 1,1,2-Trichloroethane	10.666	97	24869	22.409	ug/l	96
56) Ethyl methacrylate	10.532	69	21153	20.192	ug/l #	74
57) 1,3-Dichloropropane	10.812	76	41546	21.962	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.806	63	63568	89.490	ug/l #	89
59) 2-Hexanone	10.855	43	61259	94.696	ug/l	81
60) Dibromochloromethane	11.007	129	32785	23.621	ug/l	99
61) 1,2-Dibromoethane	11.111	107	23242	21.983	ug/l	100
64) Tetrachloroethene	10.739	164	41508	23.954	ug/l	97
65) Chlorobenzene	11.538	112	95226	23.095	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.611	131	36970	24.310	ug/l	100
67) Ethyl Benzene	11.611	91	165442	22.327	ug/l	97
68) m/p-Xylenes	11.721	106	131255	46.700	ug/l	91
69) o-Xylene	12.050	106	60602	23.223	ug/l	93
70) Styrene	12.062	104	86138	23.053	ug/l	97
71) Bromoform	12.227	173	18371	23.281	ug/l #	98
73) Isopropylbenzene	12.349	105	164305	21.806	ug/l	99
74) N-amyl acetate	12.166	43	24094	15.920	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.605	83	24273	20.076	ug/l	97
76) 1,2,3-Trichloropropane	12.654	75	32494	36.404	ug/l #	100
77) Bromobenzene	12.629	156	38090	22.367	ug/l	89
78) n-propylbenzene	12.690	91	191705	21.529	ug/l	97
79) 2-Chlorotoluene	12.775	91	107313	21.868	ug/l	97
80) 1,3,5-Trimethylbenzene	12.830	105	134256	22.100	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.397	75	8109	19.719	ug/l	88
82) 4-Chlorotoluene	12.873	91	107773	21.254	ug/l	96
83) tert-Butylbenzene	13.092	119	119728	22.375	ug/l	97
84) 1,2,4-Trimethylbenzene	13.141	105	132760	22.194	ug/l	97
85) sec-Butylbenzene	13.275	105	166755	21.814	ug/l	99
86) p-Isopropyltoluene	13.391	119	145335	22.079	ug/l	98
87) 1,3-Dichlorobenzene	13.385	146	73186	22.338	ug/l	99
88) 1,4-Dichlorobenzene	13.464	146	71574	22.354	ug/l	99
89) n-Butylbenzene	13.714	91	127088	20.906	ug/l	96
90) Hexachloroethane	13.983	117	27761	21.863	ug/l	97
91) 1,2-Dichlorobenzene	13.757	146	61963	22.071	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.379	75	3451	17.940	ug/l	85
93) 1,2,4-Trichlorobenzene	15.025	180	32368	19.752	ug/l	96
94) Hexachlorobutadiene	15.129	225	21894	23.320	ug/l	98
95) Naphthalene	15.257	128	53983	18.419	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	26630	19.647	ug/l	99

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QLast Update : Thu Nov 09 00:45:52 2023
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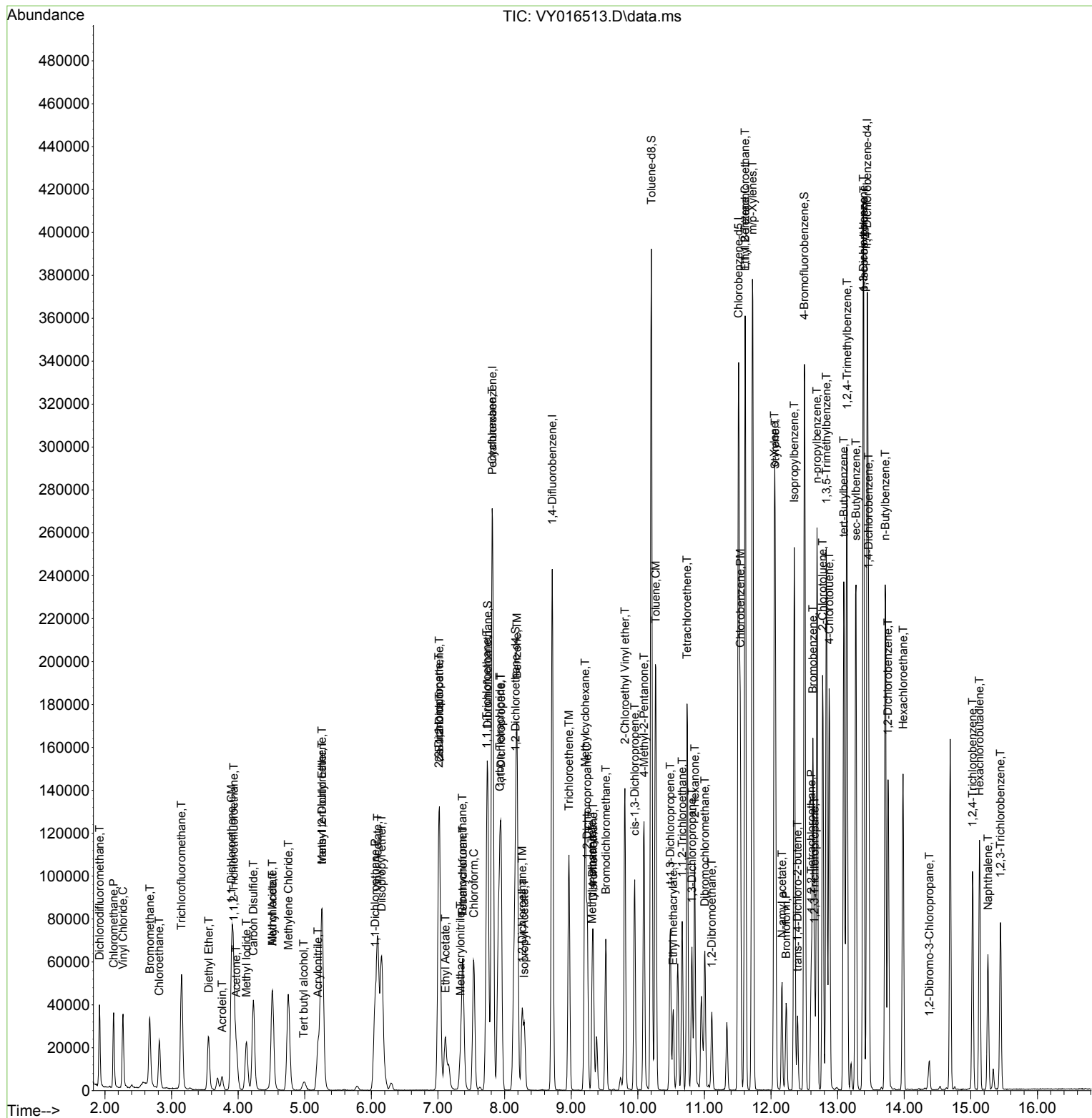
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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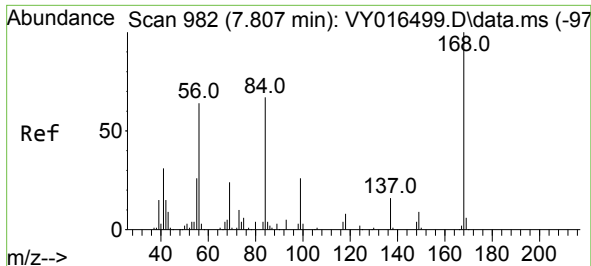
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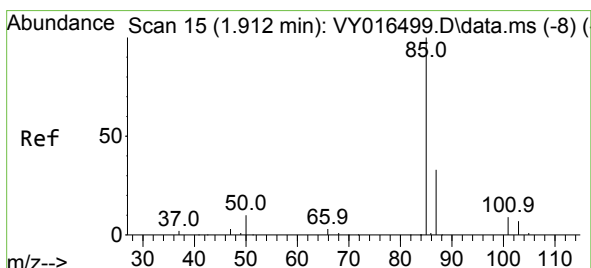
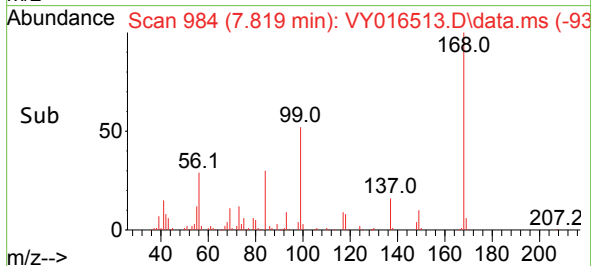
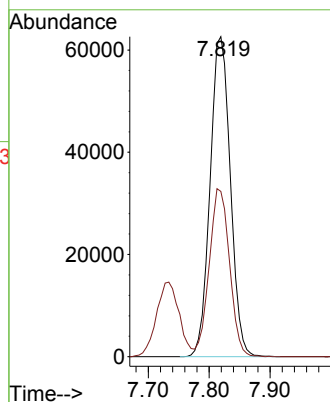
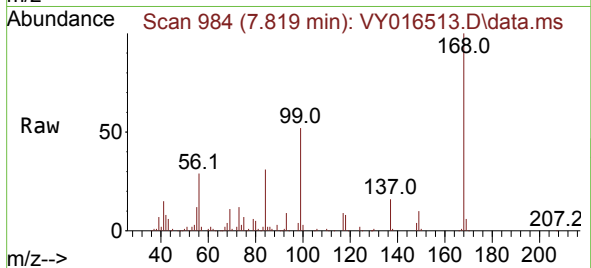




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

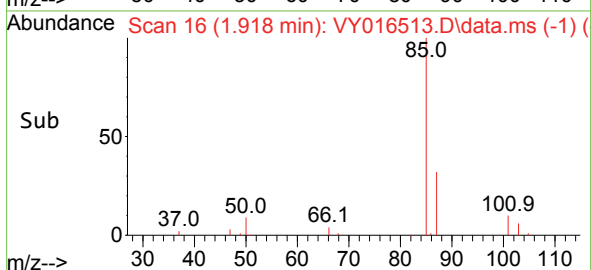
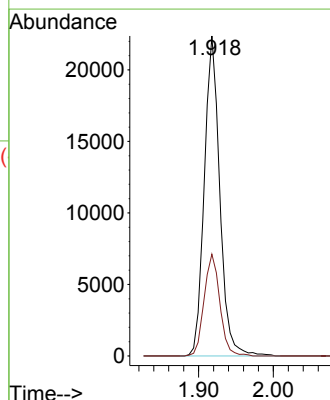
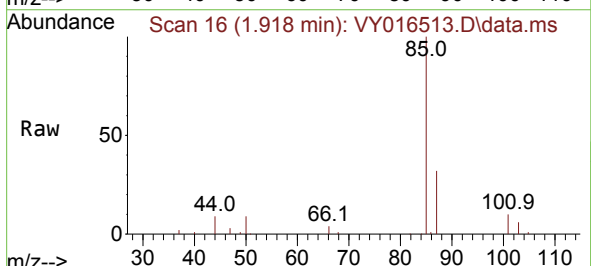
Instrument :
MSVOA_Y
ClientSampleId :

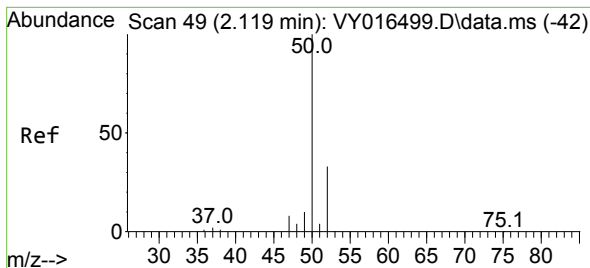
Tgt Ion:168 Resp: 144668
Ion Ratio Lower Upper
168 100
99 51.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 22.760 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 85 Resp: 32240
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.8





#3

Chloromethane

Concen: 19.614 ug/l

RT: 2.131 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

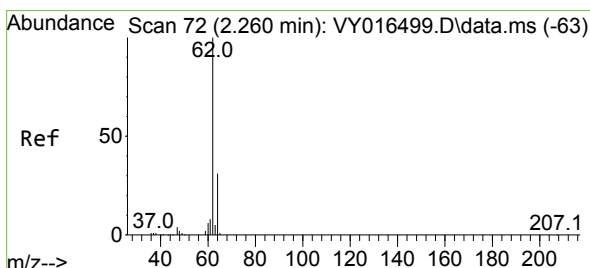
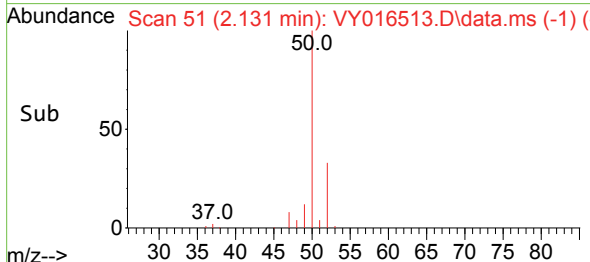
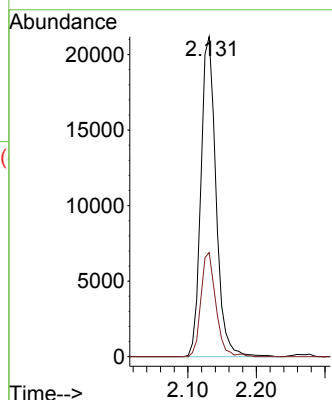
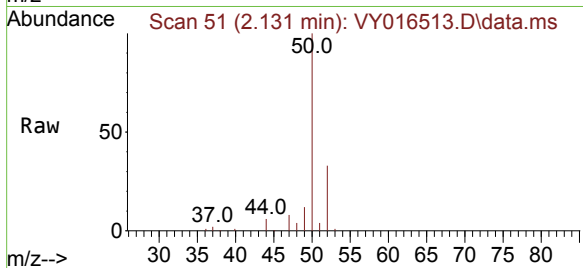
ClientSampleId :

Tgt Ion: 50 Resp: 32540

Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.2



#4

Vinyl Chloride

Concen: 19.542 ug/l

RT: 2.271 min Scan# 74

Delta R.T. 0.012 min

Lab File: VY016513.D

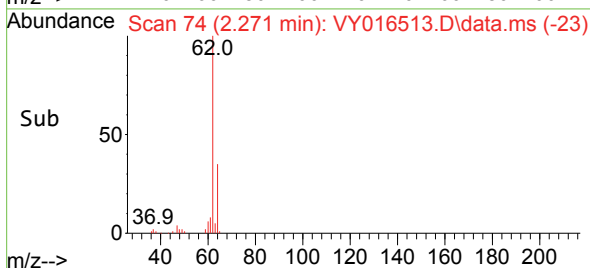
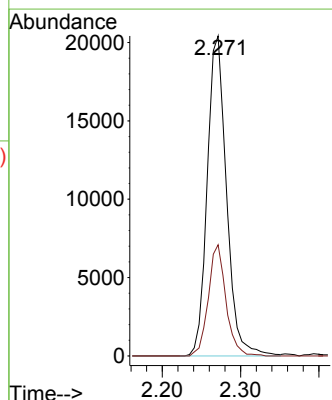
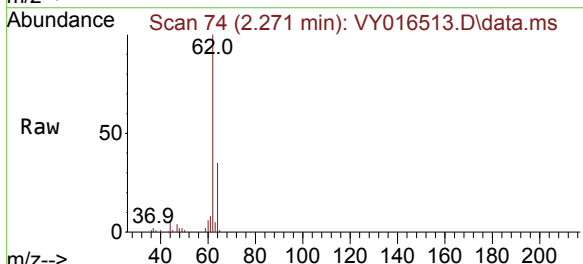
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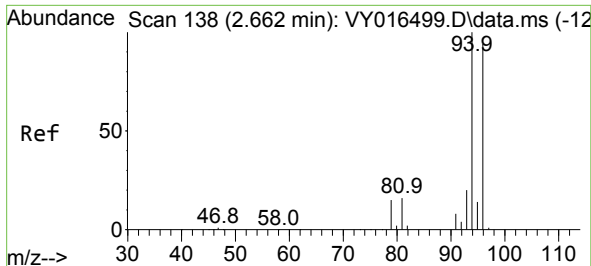
Tgt Ion: 62 Resp: 34861

Ion Ratio Lower Upper

62 100

64 34.7 24.3 36.5





#5

Bromomethane

Concen: 19.715 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

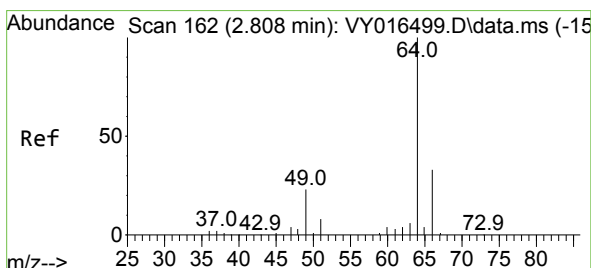
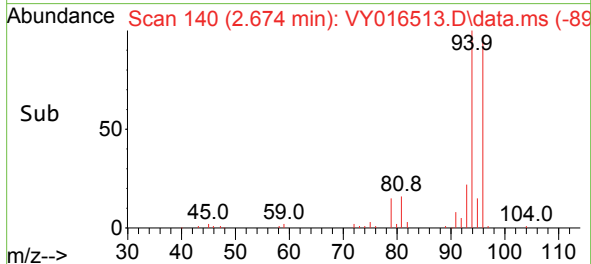
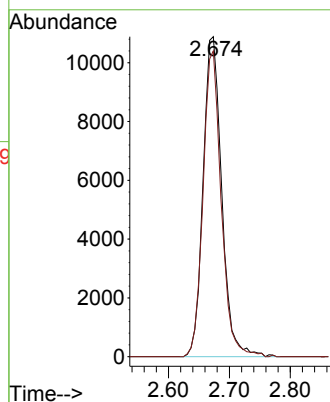
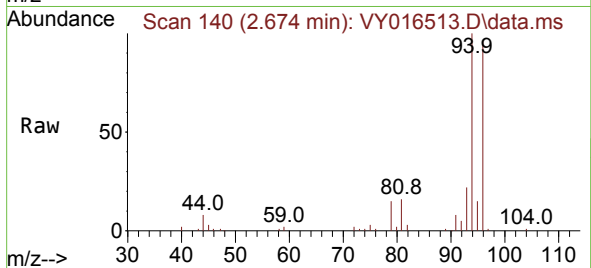
ClientSampleId :

Tgt Ion: 94 Resp: 23113

Ion Ratio Lower Upper

94 100

96 95.6 75.8 113.6



#6

Chloroethane

Concen: 19.872 ug/l

RT: 2.814 min Scan# 163

Delta R.T. 0.012 min

Lab File: VY016513.D

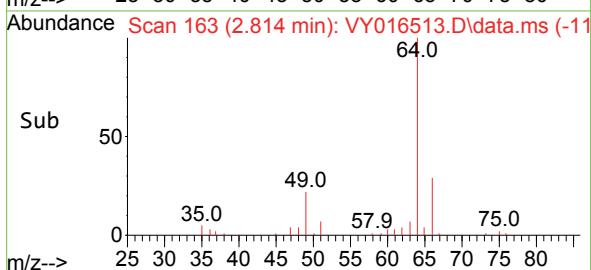
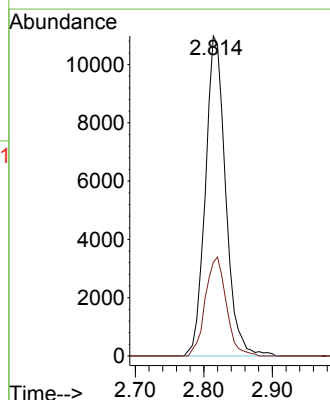
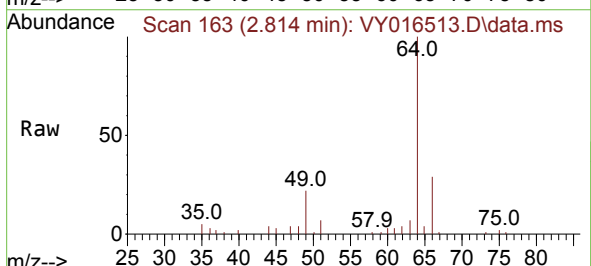
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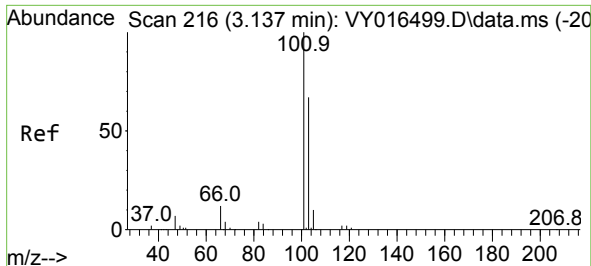
Tgt Ion: 64 Resp: 22621

Ion Ratio Lower Upper

64 100

66 29.3 24.4 36.6

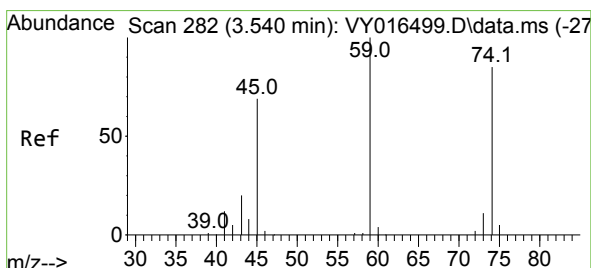
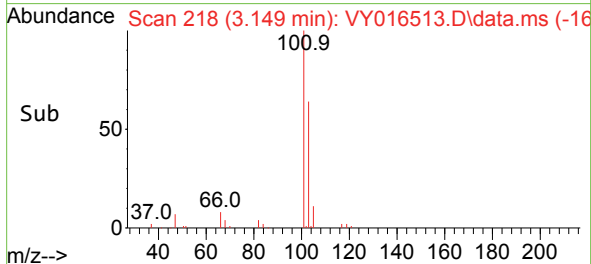
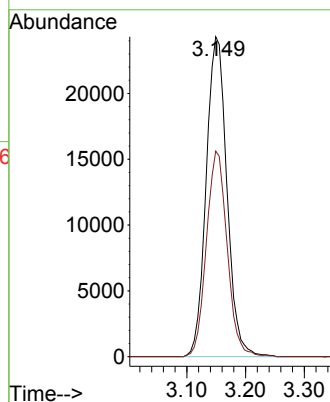
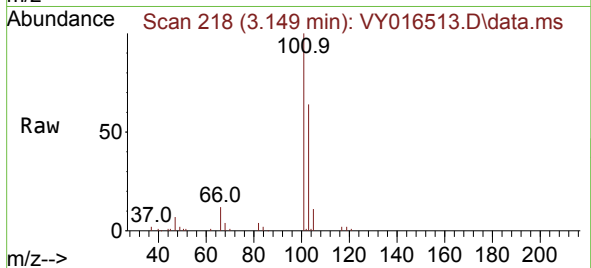




#7
Trichlorofluoromethane
Concen: 22.966 ug/l
RT: 3.149 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

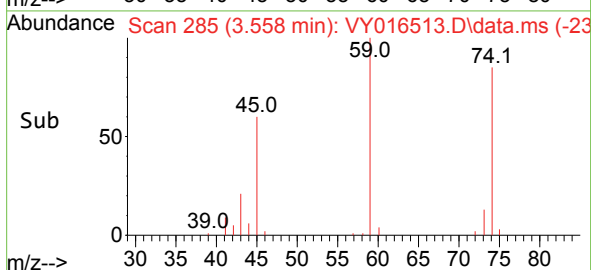
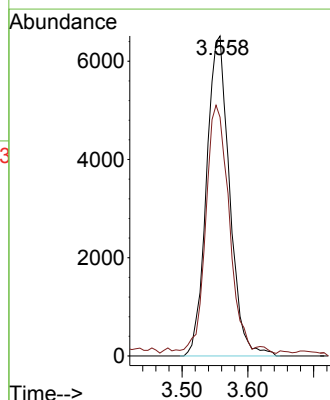
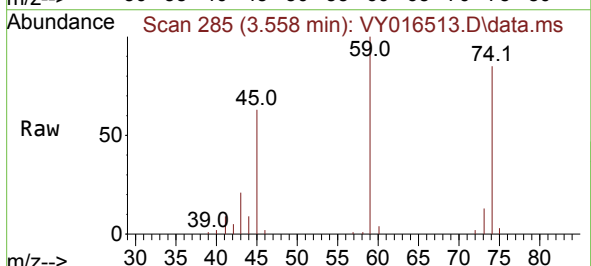
Instrument :
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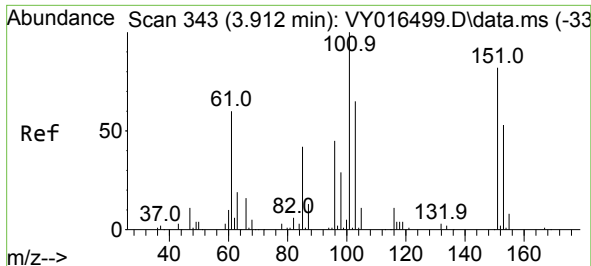
Tgt Ion:101 Resp: 59606
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0



#8
Diethyl Ether
Concen: 20.457 ug/l
RT: 3.558 min Scan# 285
Delta R.T. 0.018 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 74 Resp: 15868
Ion Ratio Lower Upper
74 100
45 75.9 51.5 154.5

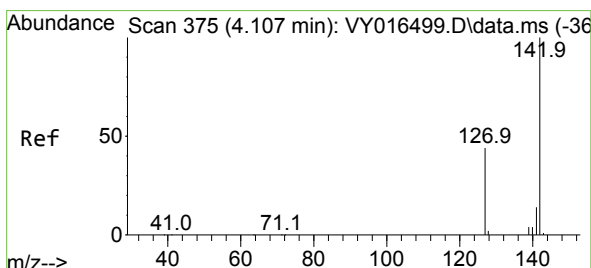
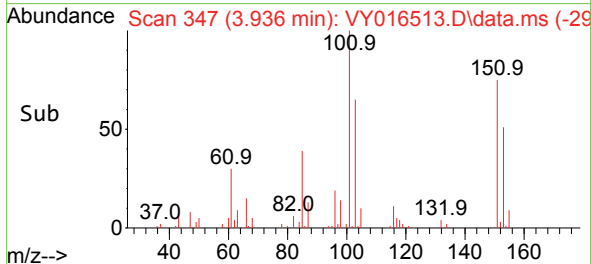
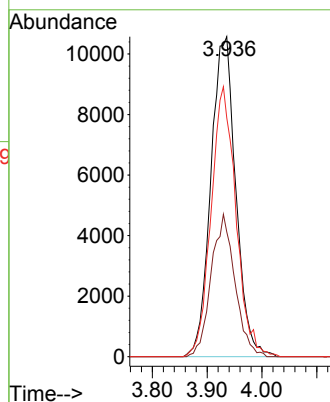
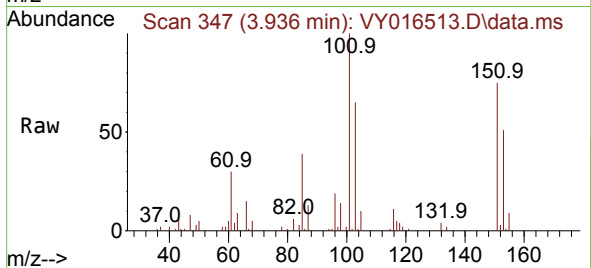




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.352 ug/l
RT: 3.936 min Scan# 343
Delta R.T. 0.024 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

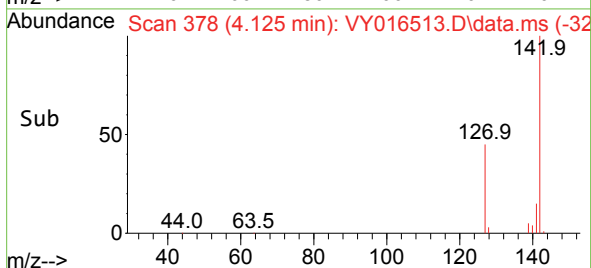
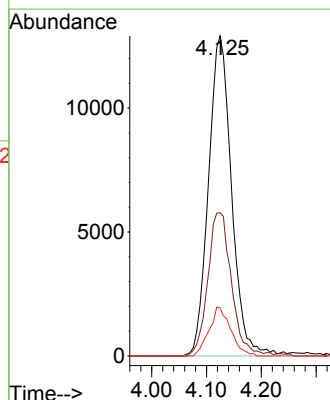
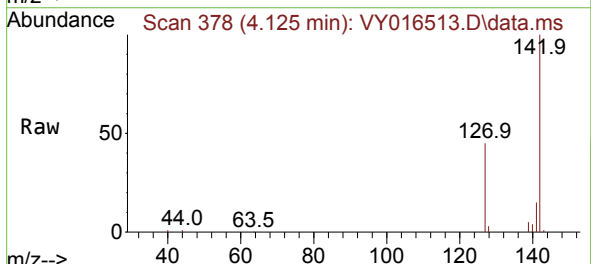
Instrument :
MSVOA_Y
ClientSampleId :

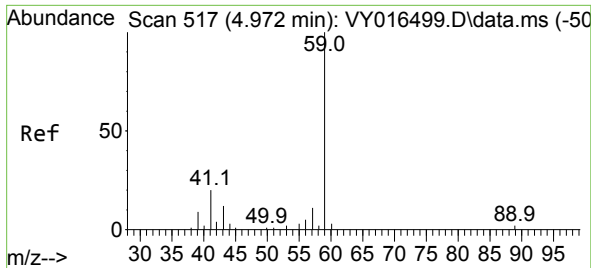
Tgt Ion:101 Resp: 33378
Ion Ratio Lower Upper
101 100
85 42.5 36.6 55.0
151 84.1 67.0 100.6



#10
Methyl Iodide
Concen: 22.362 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.018 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion:142 Resp: 37754
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.3 11.8 17.8

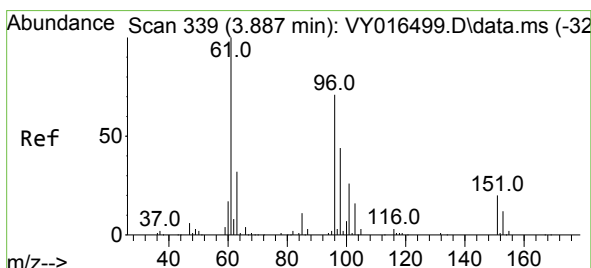
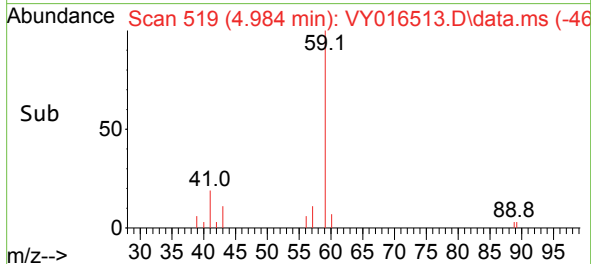
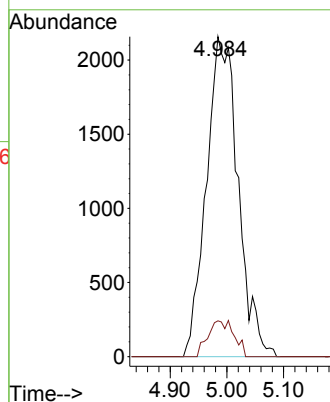
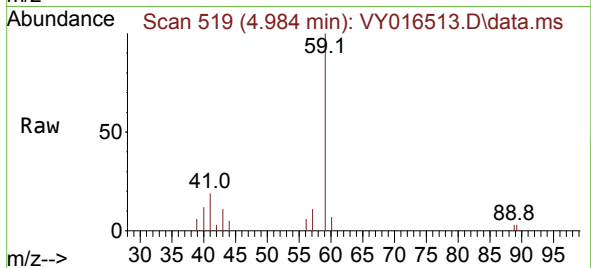




#11
Tert butyl alcohol
Concen: 80.984 ug/l
RT: 4.984 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

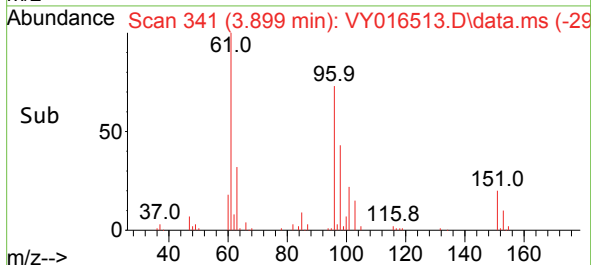
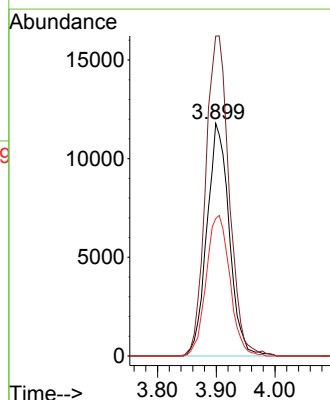
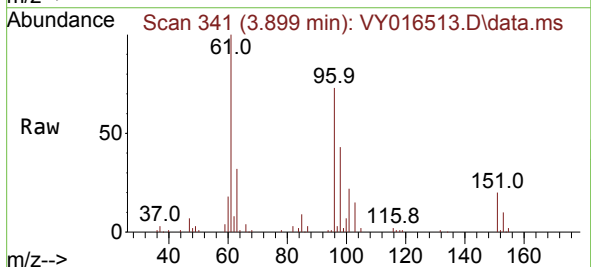
Instrument :
MSVOA_Y
ClientSampleId :

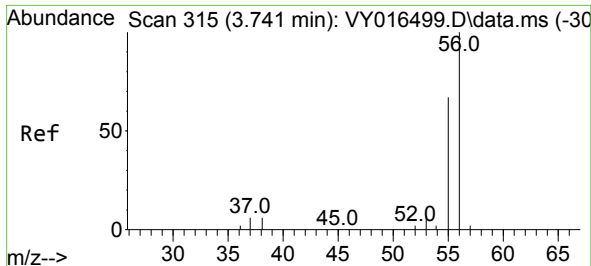
Tgt Ion: 59 Resp: 8385
Ion Ratio Lower Upper
59 100
57 9.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 21.268 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 96 Resp: 31092
Ion Ratio Lower Upper
96 100
61 137.6 136.4 204.6
98 59.1 49.4 74.2





#13

Acrolein

Concen: 61.768 ug/l

RT: 3.759 min Scan# 315

Delta R.T. 0.018 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

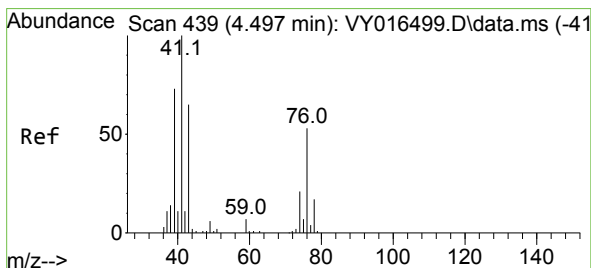
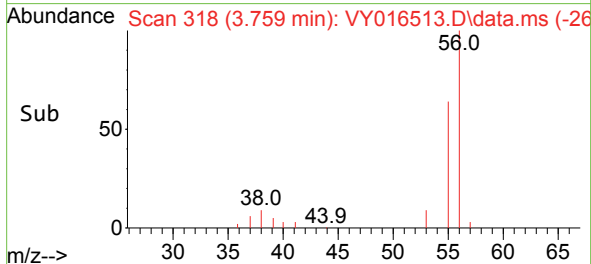
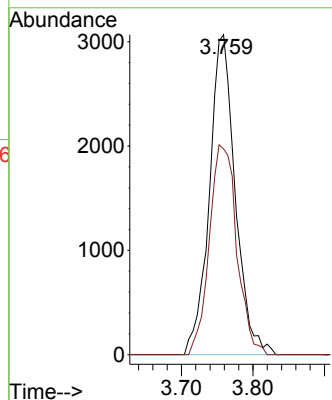
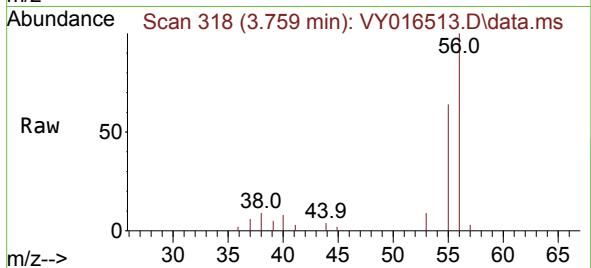
ClientSampleId :

Tgt Ion: 56 Resp: 7714

Ion Ratio Lower Upper

56 100

55 69.4 57.0 85.4



#14

Allyl chloride

Concen: 17.704 ug/l

RT: 4.515 min Scan# 442

Delta R.T. 0.018 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

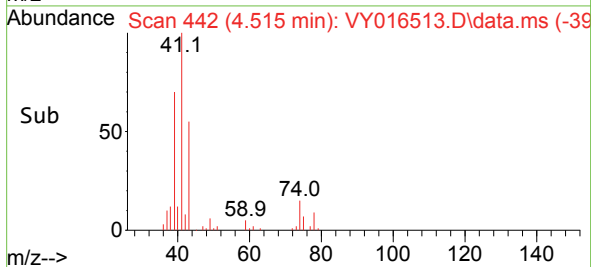
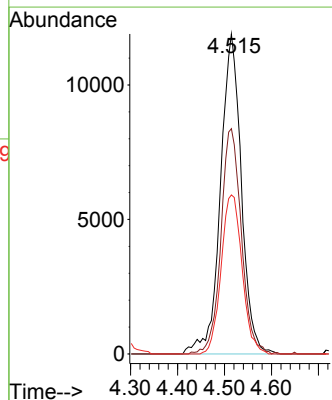
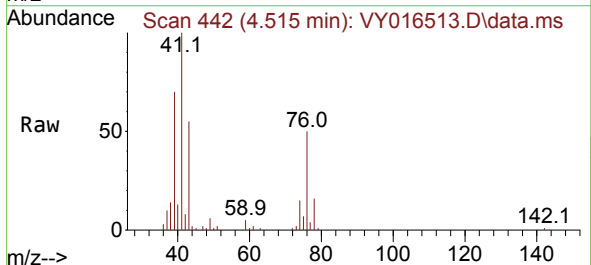
Tgt Ion: 41 Resp: 36729

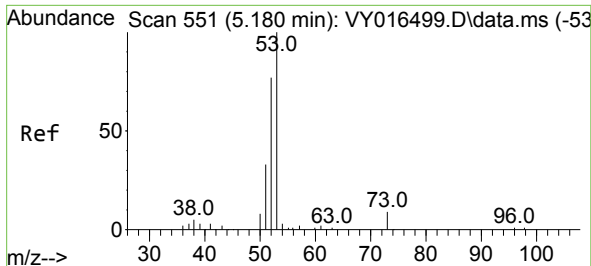
Ion Ratio Lower Upper

41 100

39 68.9 58.0 87.0

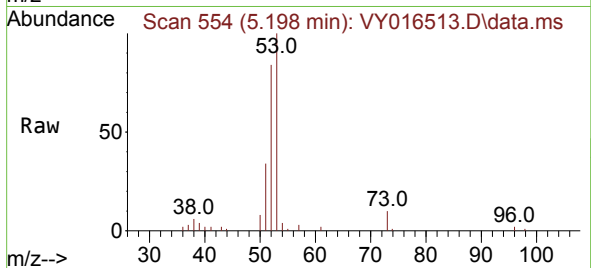
76 49.9 27.4 41.2#



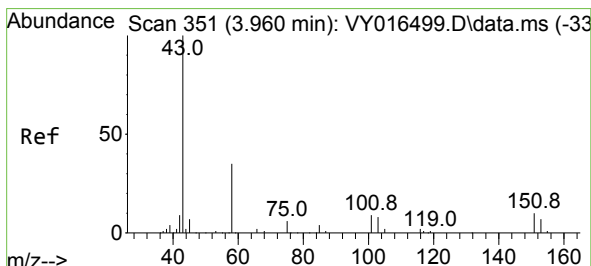
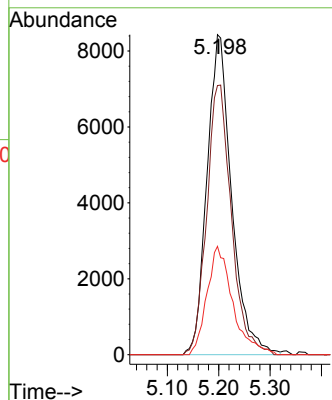
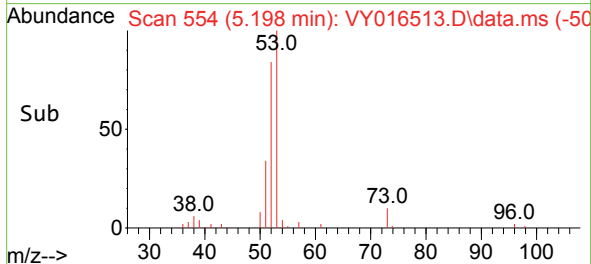


#15
Acrylonitrile
Concen: 91.312 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Instrument :
MSVOA_Y
ClientSampleId :

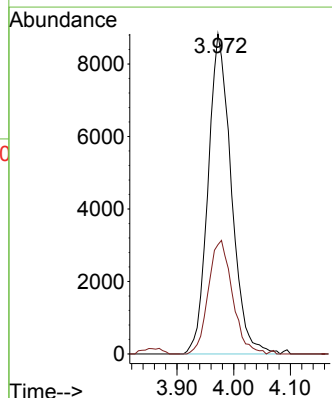
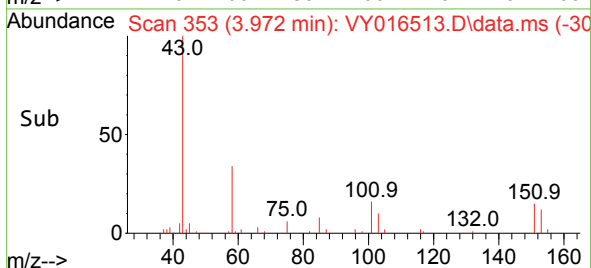
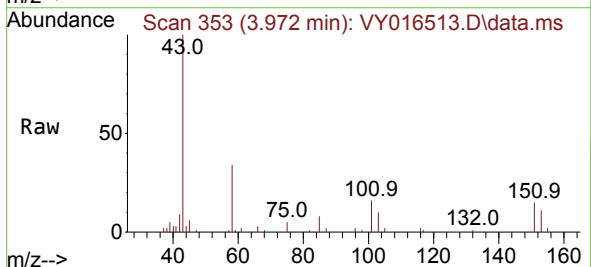


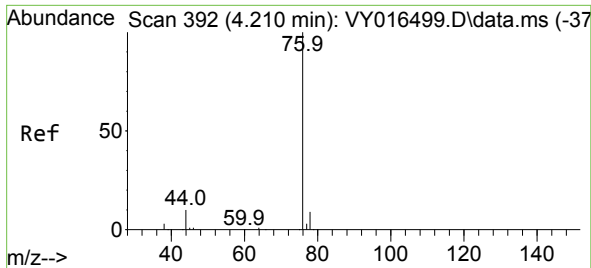
Tgt Ion: 53	Resp: 28109
Ion Ratio	Lower Upper
53 100	
52 84.2	66.9 100.3
51 35.5	29.8 44.6



#16
Acetone
Concen: 114.750 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 43	Resp: 25097
Ion Ratio	Lower Upper
43 100	
58 34.1	22.7 34.1#

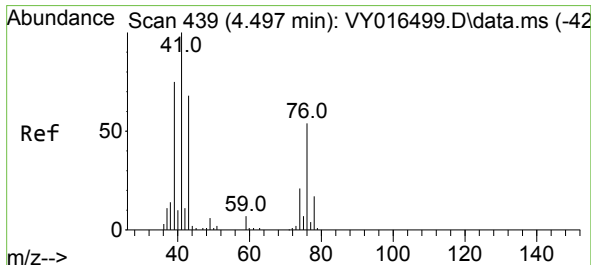
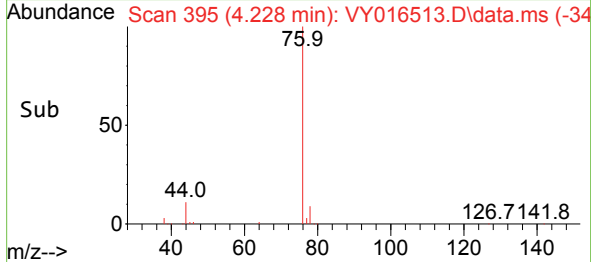
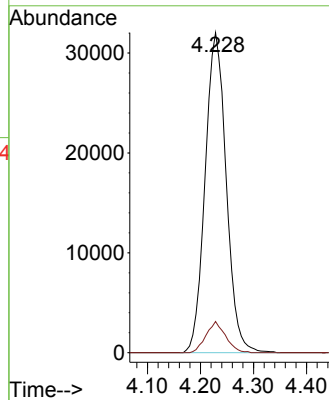
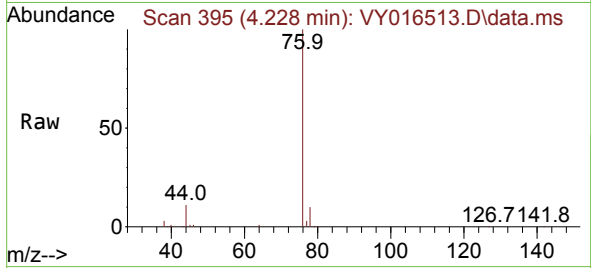




#17
Carbon Disulfide
Concen: 20.097 ug/l
RT: 4.228 min Scan# 395
Delta R.T. 0.018 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

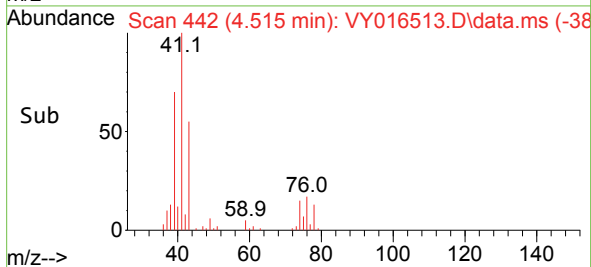
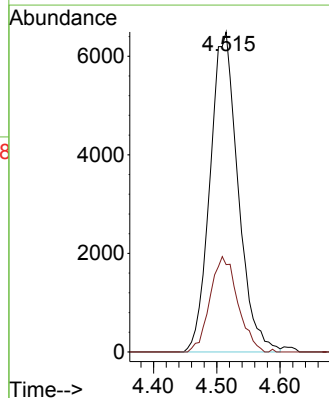
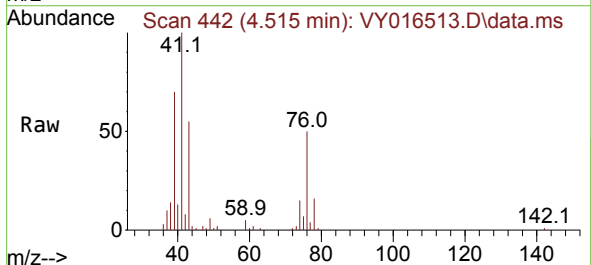
Instrument :
MSVOA_Y
ClientSampleId :

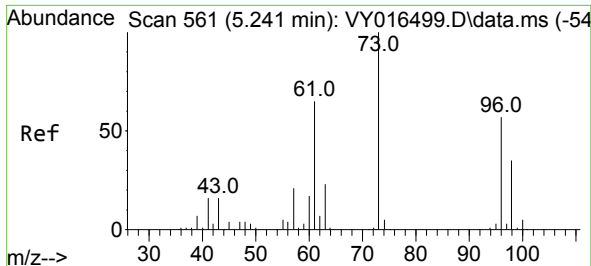
Tgt Ion: 76 Resp: 88646
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#18
Methyl Acetate
Concen: 17.142 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.024 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 43 Resp: 19922
Ion Ratio Lower Upper
43 100
74 29.5 17.4 26.0#

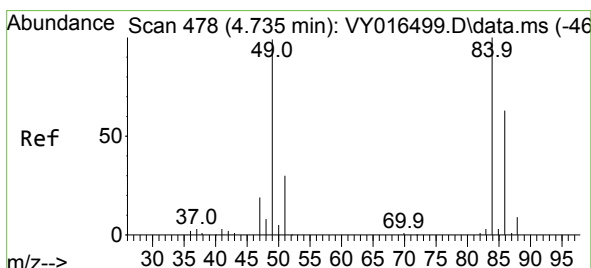
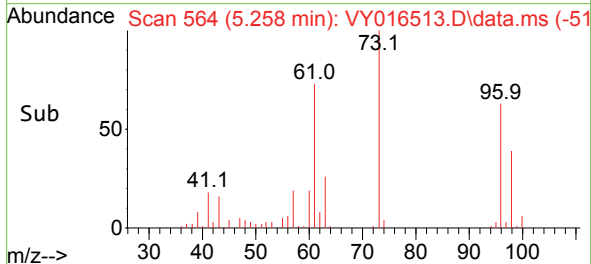
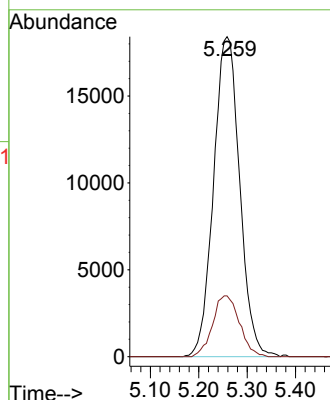
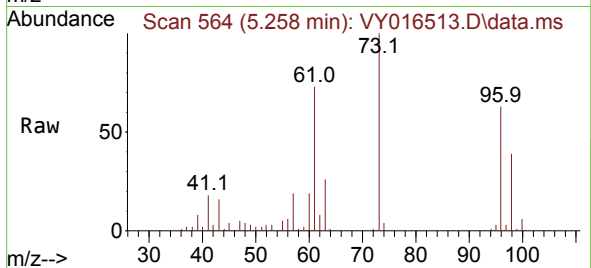




#19
Methyl tert-butyl Ether
Concen: 19.506 ug/l
RT: 5.258 min Scan# 50
Delta R.T. 0.024 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

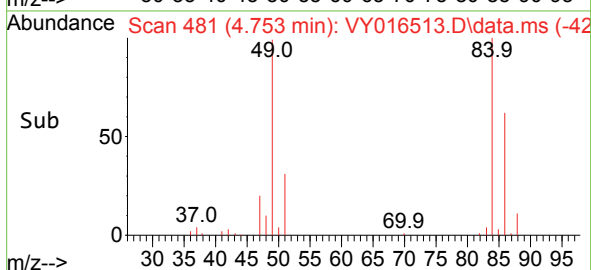
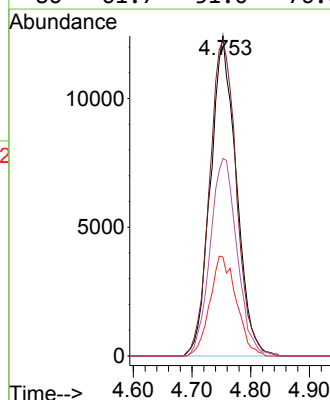
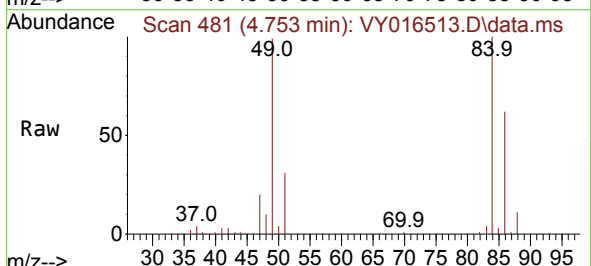
Instrument :
MSVOA_Y
ClientSampleId :

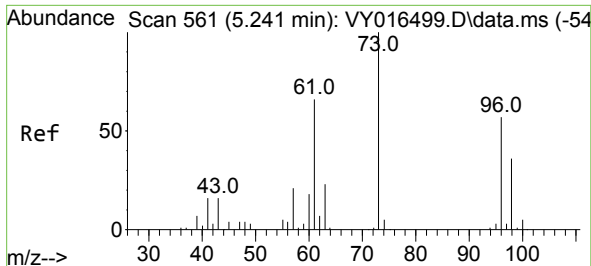
Tgt Ion: 73 Resp: 69018
Ion Ratio Lower Upper
73 100
57 19.0 17.3 25.9



#20
Methylene Chloride
Concen: 22.615 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.024 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

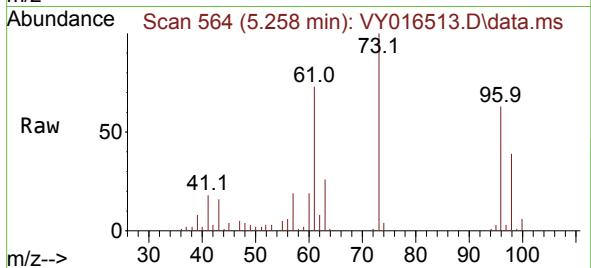
Tgt Ion: 84 Resp: 37887
Ion Ratio Lower Upper
84 100
49 98.6 106.9 160.3#
51 30.9 33.2 49.8#
86 61.7 51.0 76.6



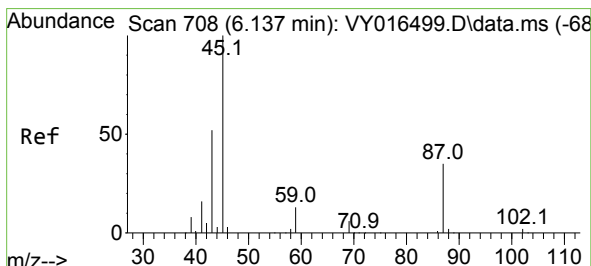
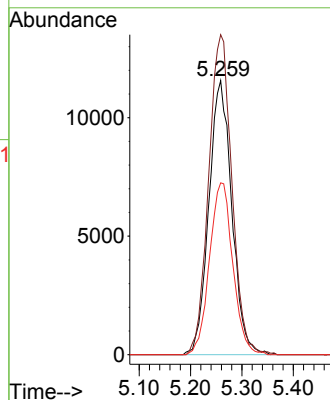
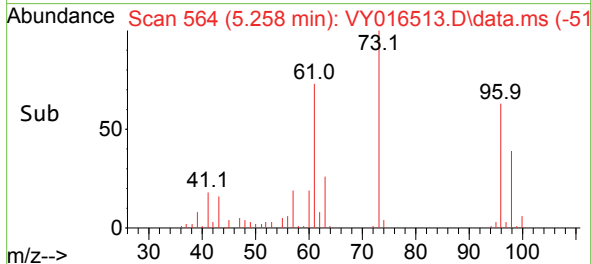


#21
trans-1,2-Dichloroethene
Concen: 21.358 ug/l
RT: 5.258 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

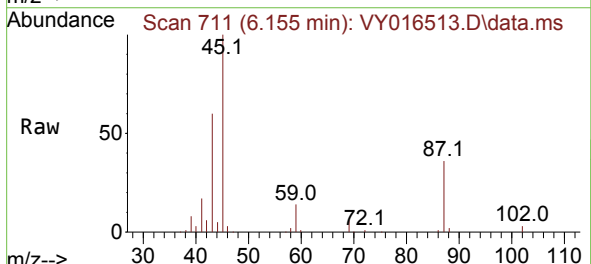
Instrument :
MSVOA_Y
ClientSampleId :



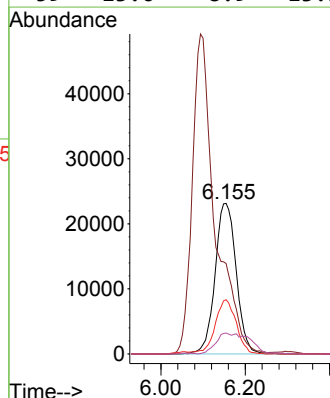
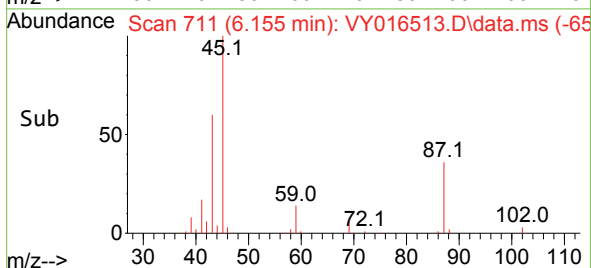
Tgt Ion: 96 Resp: 35950
Ion Ratio Lower Upper
96 100
61 116.8 110.2 165.4
98 62.7 51.8 77.6

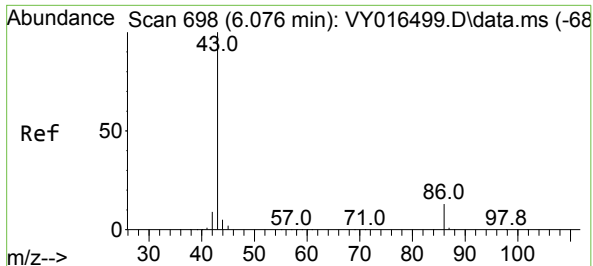


#22
Diisopropyl ether
Concen: 18.010 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.018 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00



Tgt Ion: 45 Resp: 80520
Ion Ratio Lower Upper
45 100
43 58.8 52.2 78.4
87 36.0 21.0 31.6#
59 13.6 8.9 13.3#

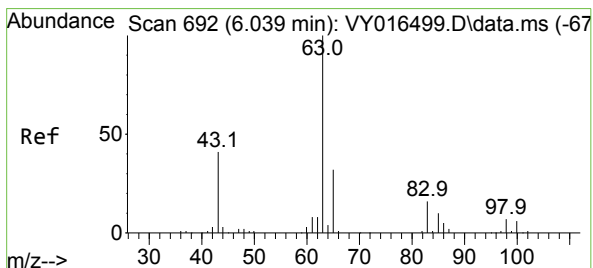
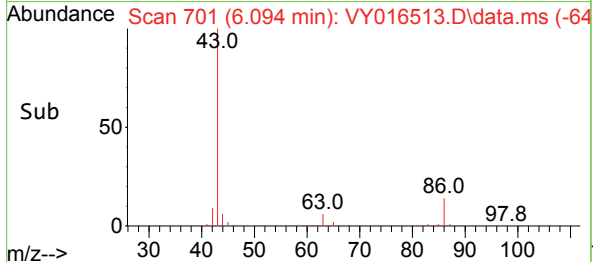
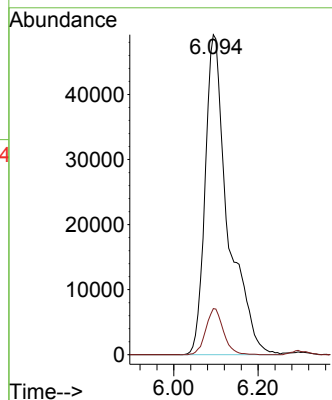
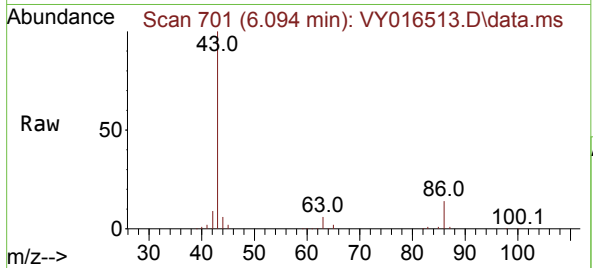




#23
 Vinyl Acetate
 Concen: 85.372 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.018 min
 Lab File: VY016513.D
 Acq: 28 Nov 2023 12:00

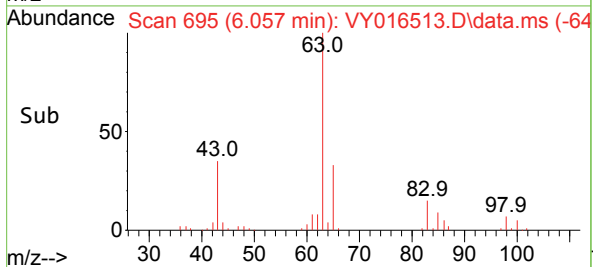
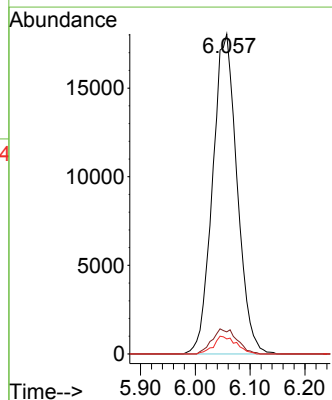
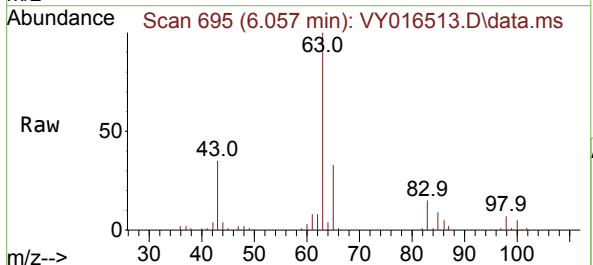
Instrument :
 MSVOA_Y
 ClientSampleId :

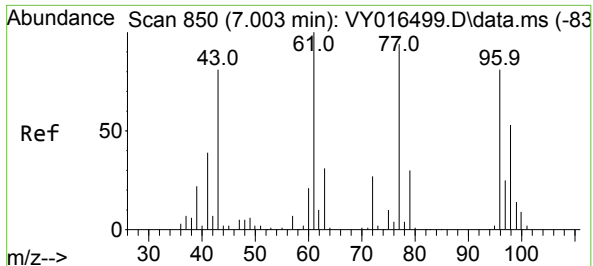
Tgt Ion: 43 Resp: 184947
 Ion Ratio Lower Upper
 43 100
 86 14.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.295 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.018 min
 Lab File: VY016513.D
 Acq: 28 Nov 2023 12:00

Tgt Ion: 63 Resp: 55978
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 96.408 ug/l

RT: 7.020 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

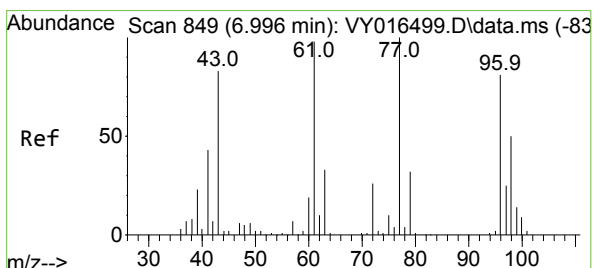
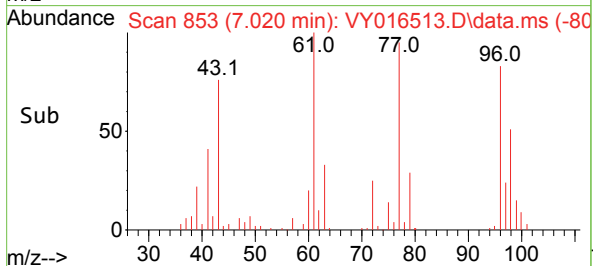
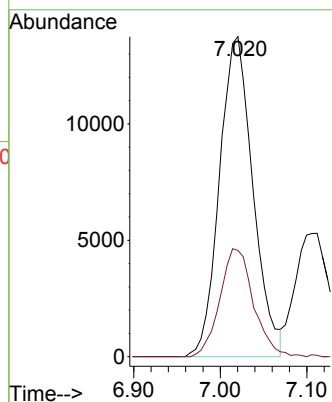
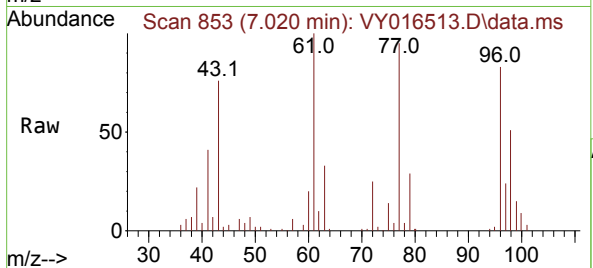
ClientSampleId :

Tgt Ion: 43 Resp: 36932

Ion Ratio Lower Upper

43 100

72 33.2 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 21.269 ug/l

RT: 7.014 min Scan# 852

Delta R.T. 0.018 min

Lab File: VY016513.D

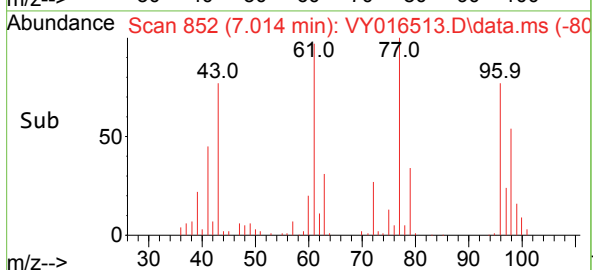
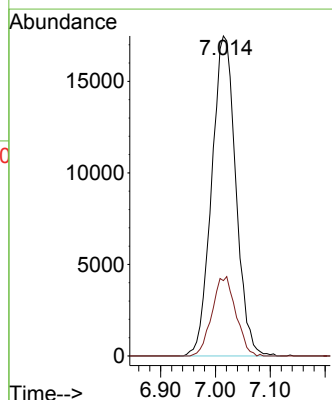
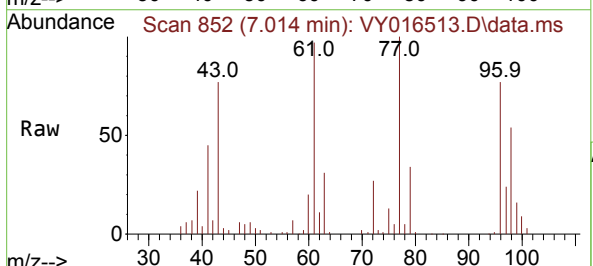
Acq: 28 Nov 2023 12:00

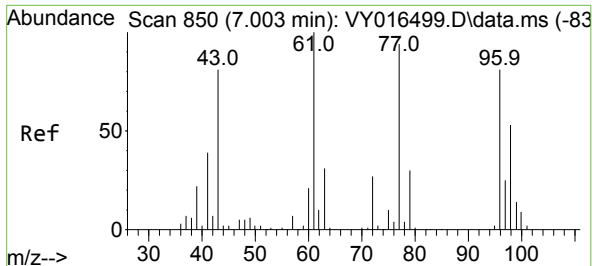
Tgt Ion: 77 Resp: 53393

Ion Ratio Lower Upper

77 100

97 24.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.610 ug/l

RT: 7.020 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

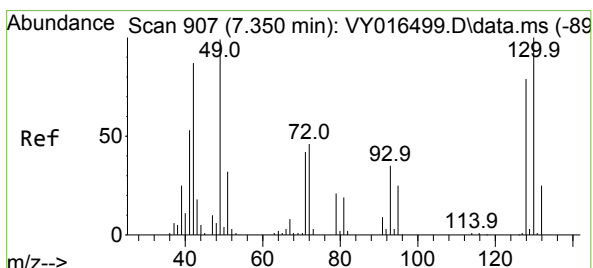
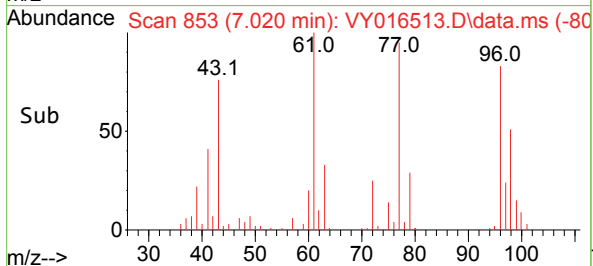
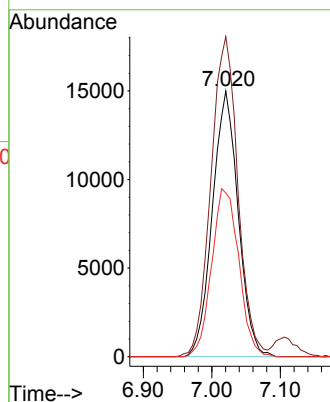
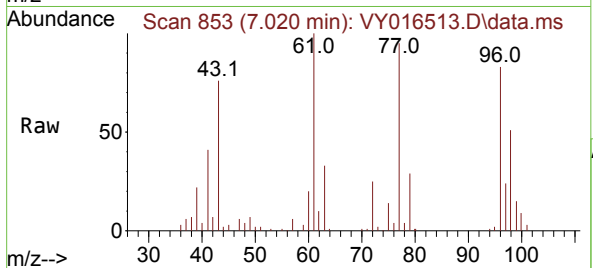
Tgt Ion: 96 Resp: 39201

Ion Ratio Lower Upper

96 100

61 125.9 0.0 301.4

98 66.5 0.0 130.4



#28

Bromochloromethane

Concen: 17.729 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

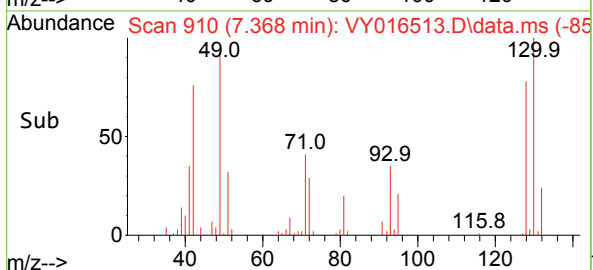
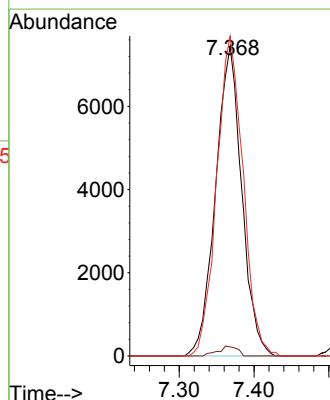
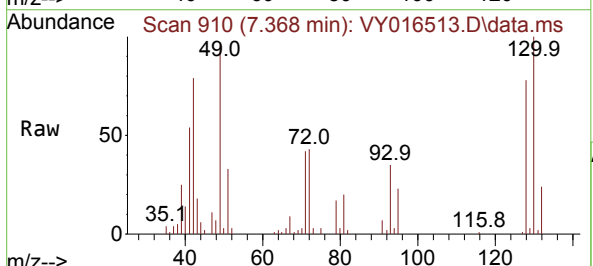
Tgt Ion: 49 Resp: 18098

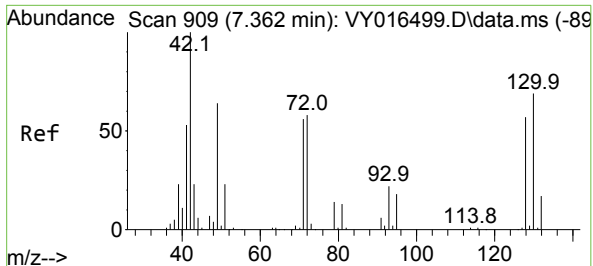
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 104.0 60.7 91.1#





#29

Tetrahydrofuran

Concen: 81.416 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

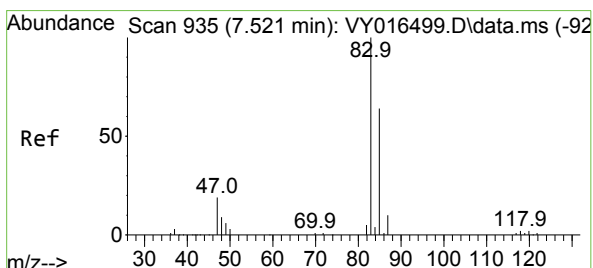
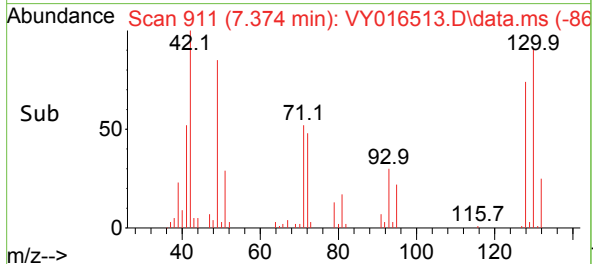
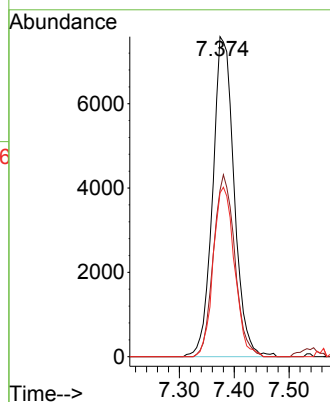
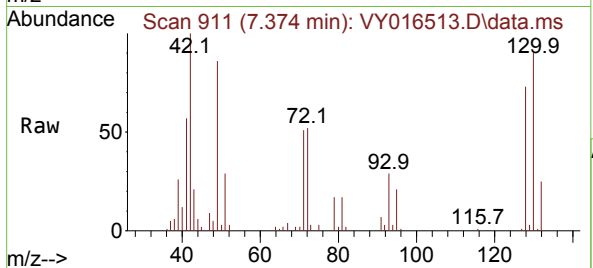
Tgt Ion: 42 Resp: 20615

Ion Ratio Lower Upper

42 100

72 56.6 32.8 49.2#

71 52.6 31.0 46.4#



#30

Chloroform

Concen: 21.770 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.018 min

Lab File: VY016513.D

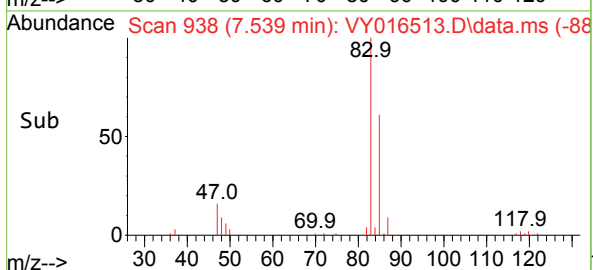
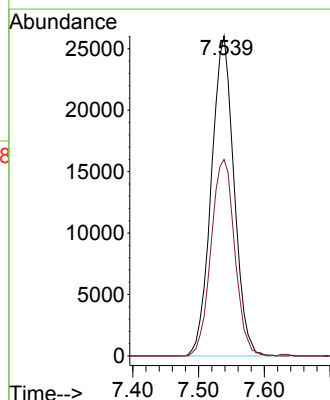
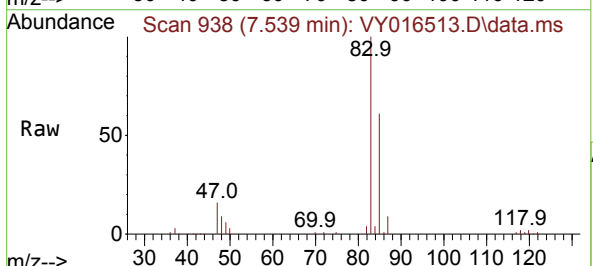
Acq: 28 Nov 2023 12:00

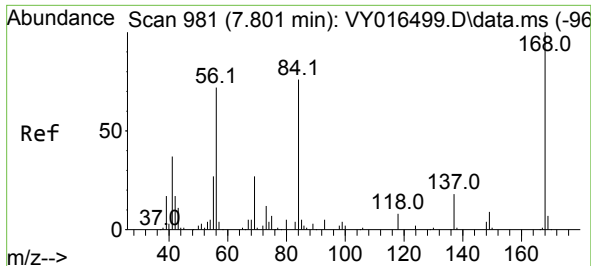
Tgt Ion: 83 Resp: 62500

Ion Ratio Lower Upper

83 100

85 61.4 49.7 74.5

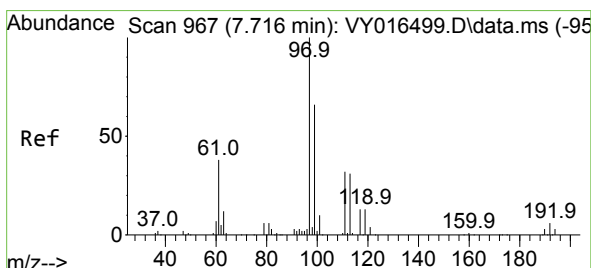
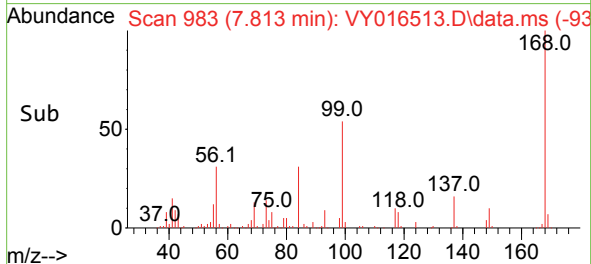
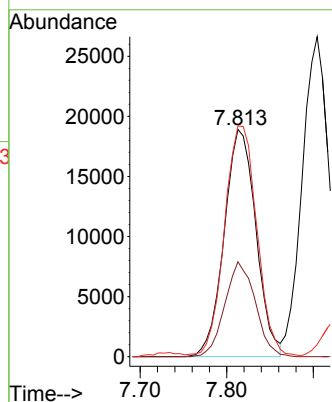
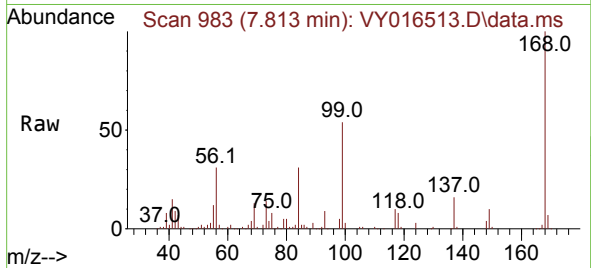




#31
Cyclohexane
Concen: 18.533 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

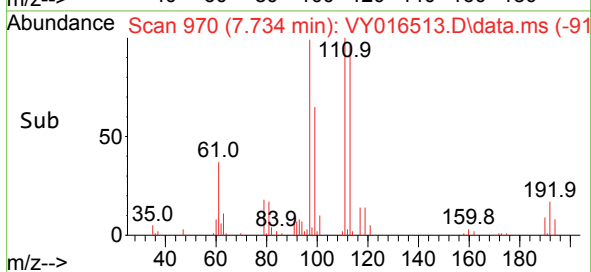
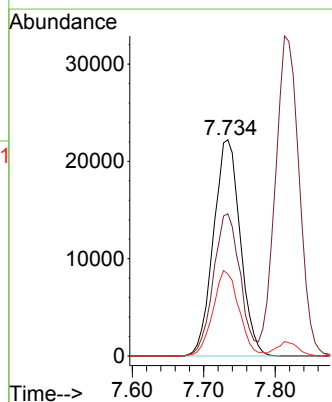
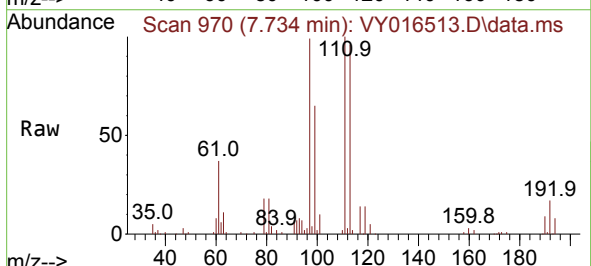
Instrument :
MSVOA_Y
ClientSampleId :

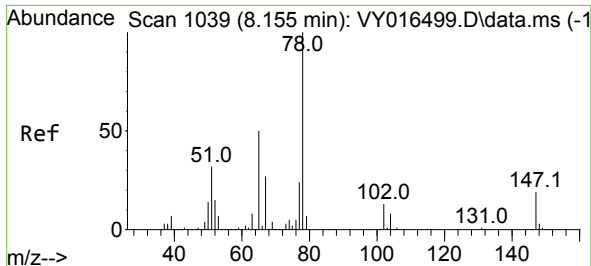
Tgt Ion: 56 Resp: 48246
Ion Ratio Lower Upper
56 100
69 41.8 27.8 41.6#
84 100.2 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 21.966 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 97 Resp: 57809
Ion Ratio Lower Upper
97 100
99 66.1 50.8 76.2
61 38.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.951 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

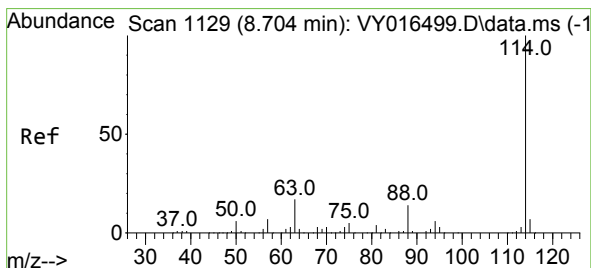
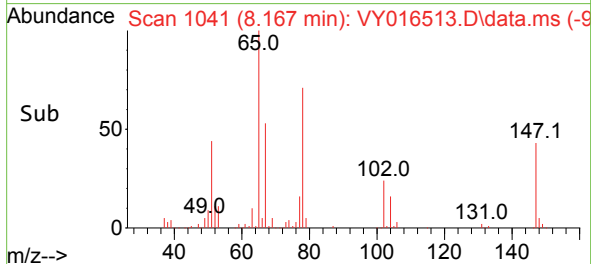
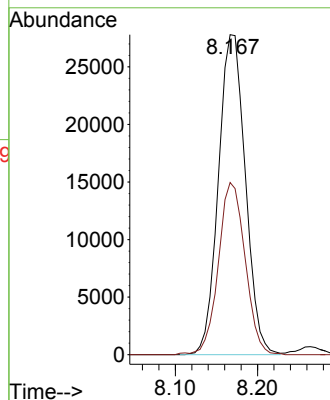
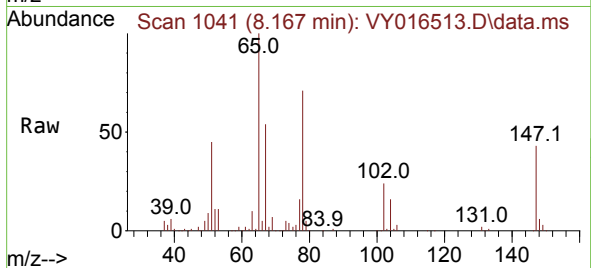
ClientSampleId :

Tgt Ion: 65 Resp: 63401

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

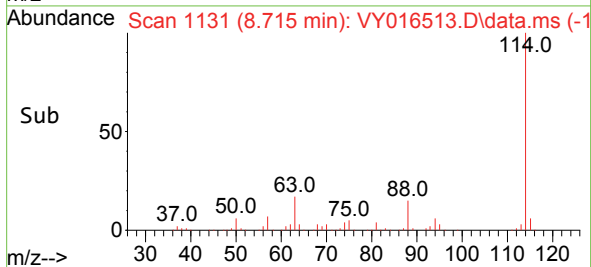
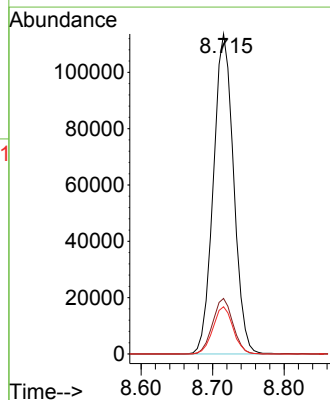
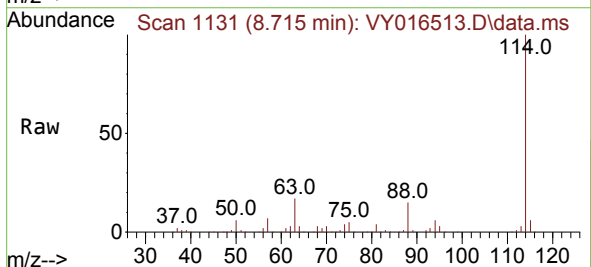
Tgt Ion: 114 Resp: 223246

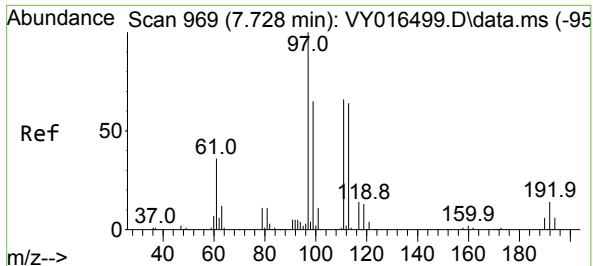
Ion Ratio Lower Upper

114 100

63 17.3 0.0 42.4

88 14.8 0.0 30.6

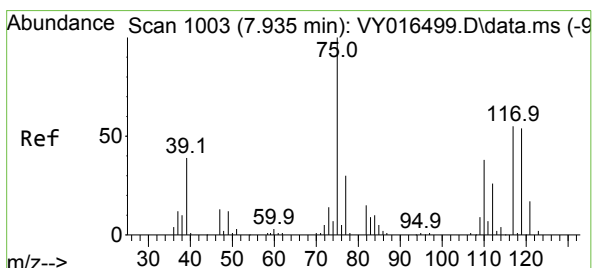
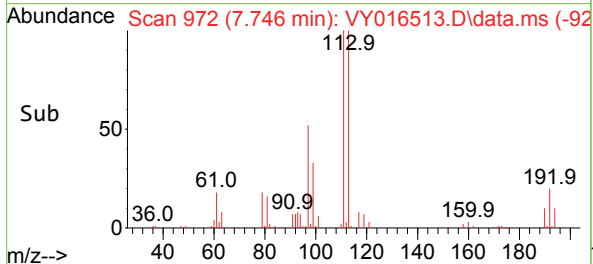
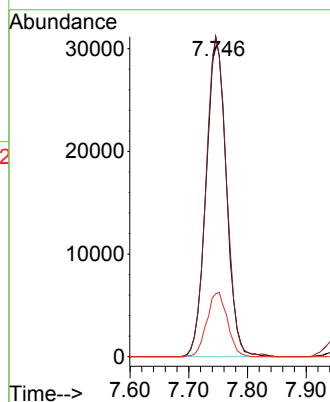
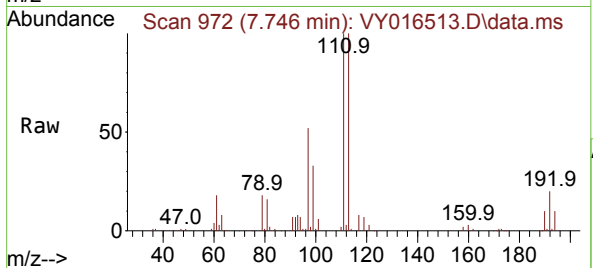




#35
Dibromofluoromethane
Concen: 58.503 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

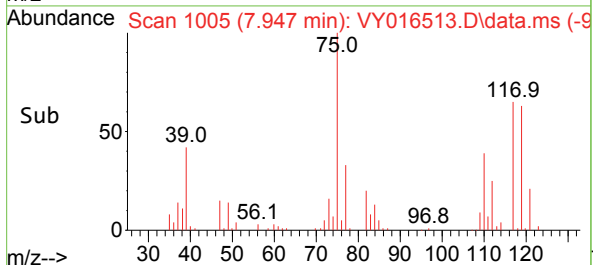
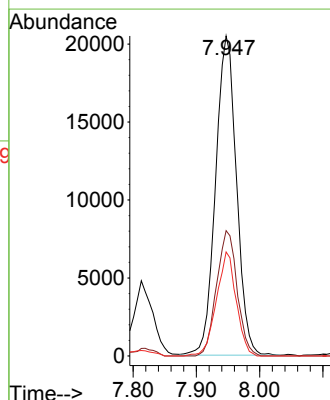
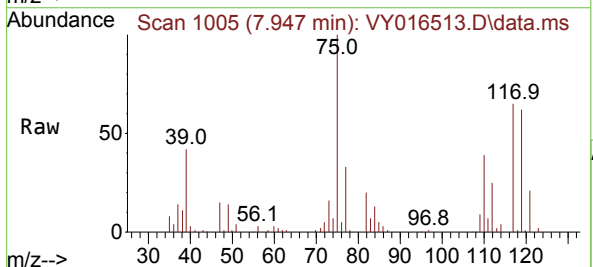
Instrument :
MSVOA_Y
ClientSampleId :

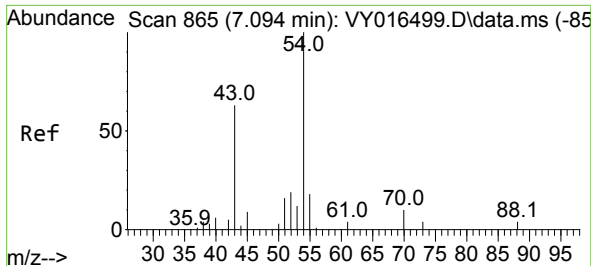
Tgt Ion:113 Resp: 74192
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 20.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.344 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 75 Resp: 47002
Ion Ratio Lower Upper
75 100
110 38.6 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 16.821 ug/l

RT: 7.112 min Scan# 8

Delta R.T. 0.024 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

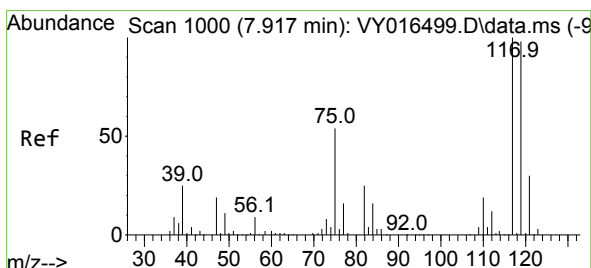
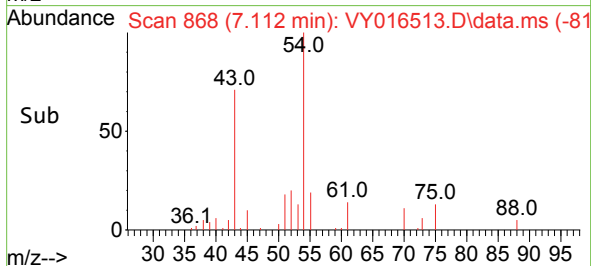
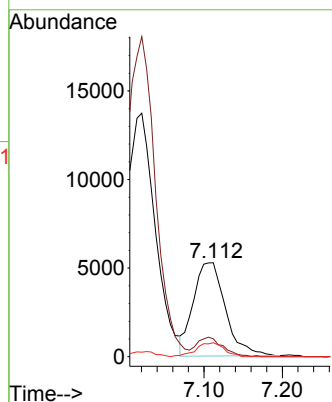
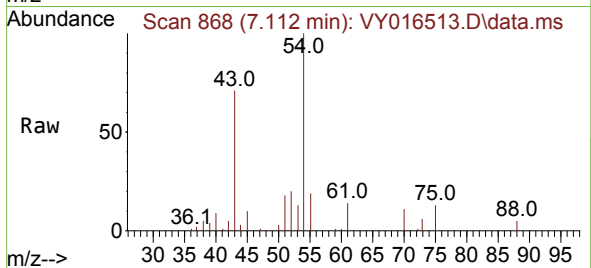
Tgt Ion: 43 Resp: 14966

Ion Ratio Lower Upper

43 100

61 16.8 10.1 15.1#

70 13.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 24.085 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

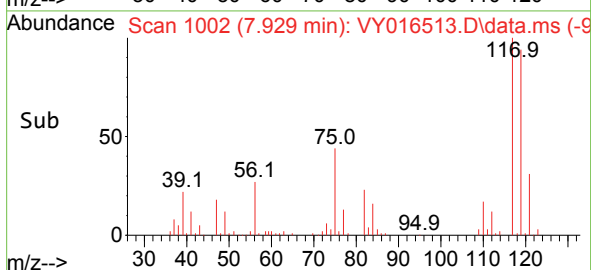
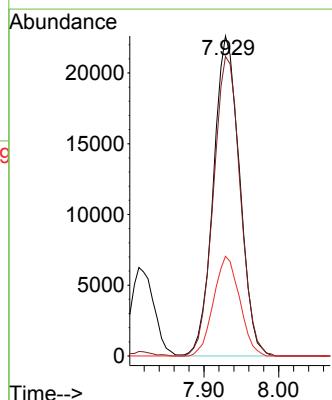
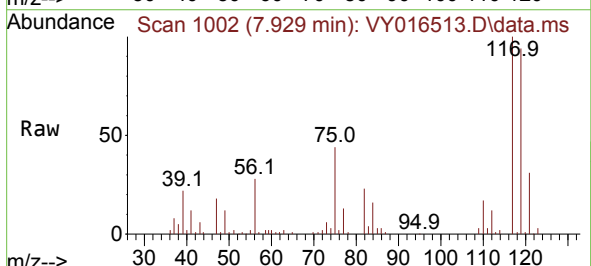
Tgt Ion: 117 Resp: 55044

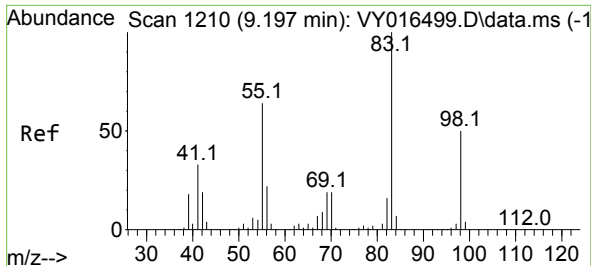
Ion Ratio Lower Upper

117 100

119 93.6 76.4 114.6

121 31.2 25.8 38.6





#39

Methylcyclohexane

Concen: 20.816 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

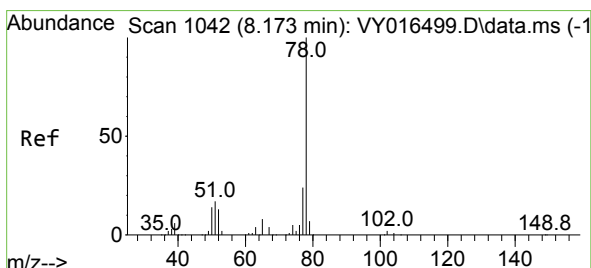
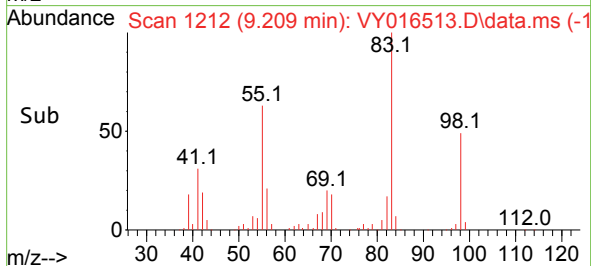
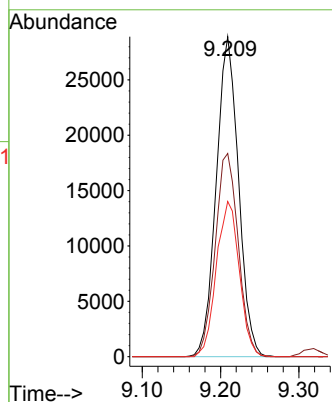
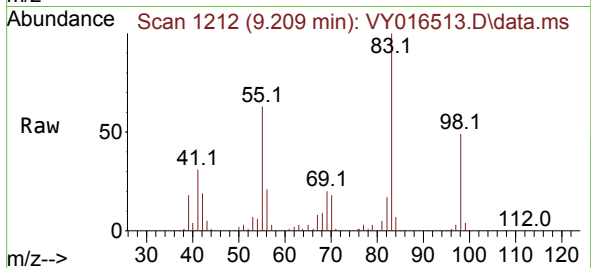
Tgt Ion: 83 Resp: 57118

Ion Ratio Lower Upper

83 100

55 63.5 63.0 94.4

98 48.5 37.4 56.2



#40

Benzene

Concen: 22.102 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016513.D

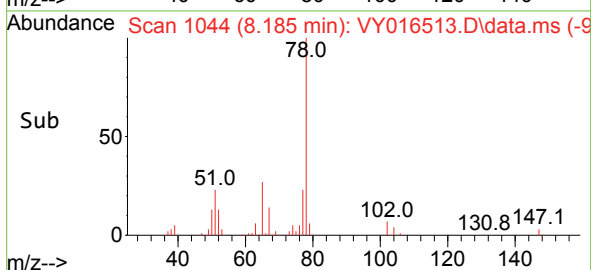
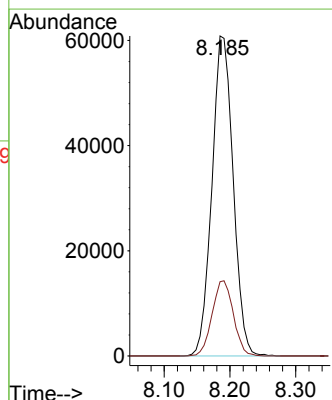
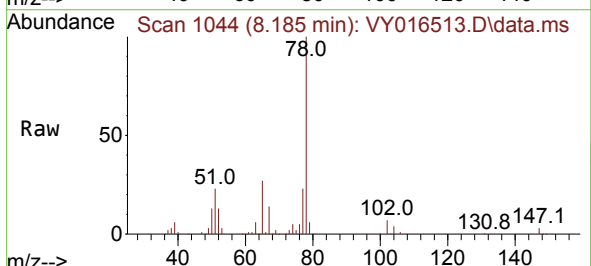
Acq: 28 Nov 2023 12:00

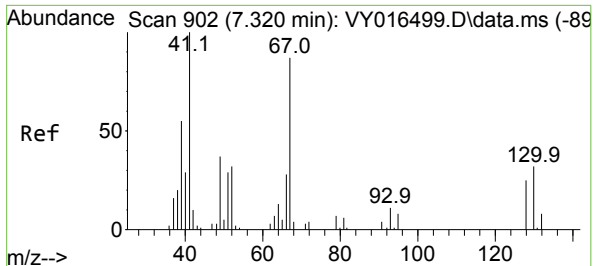
Tgt Ion: 78 Resp: 136740

Ion Ratio Lower Upper

78 100

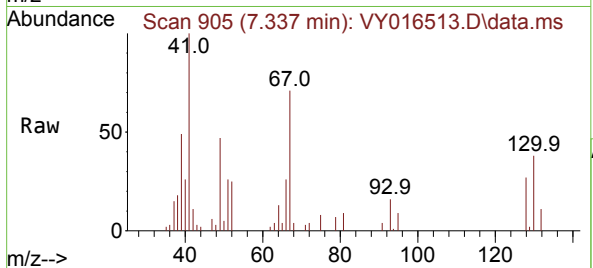
77 23.2 19.0 28.6



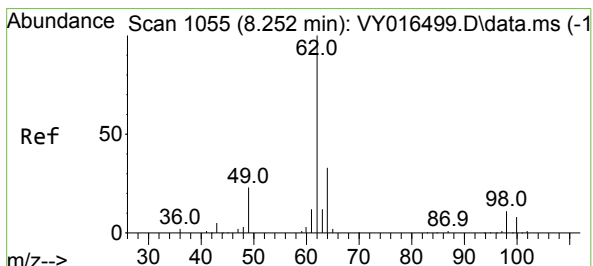
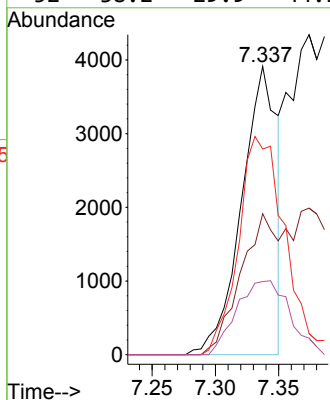
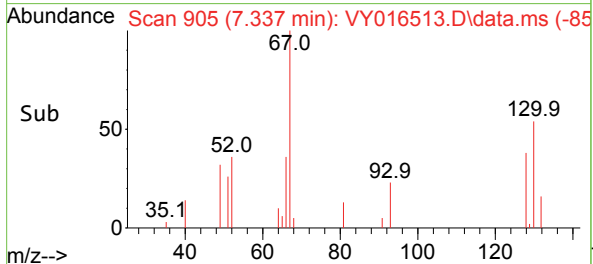


#41
Methacrylonitrile
Concen: 17.045 ug/l
RT: 7.337 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Instrument :
MSVOA_Y
ClientSampleId :

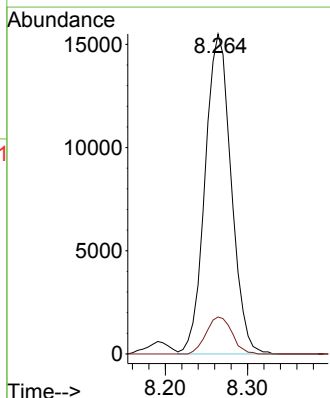
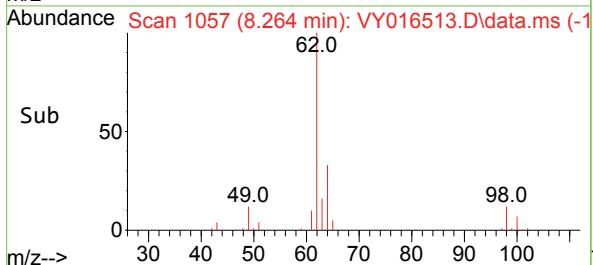
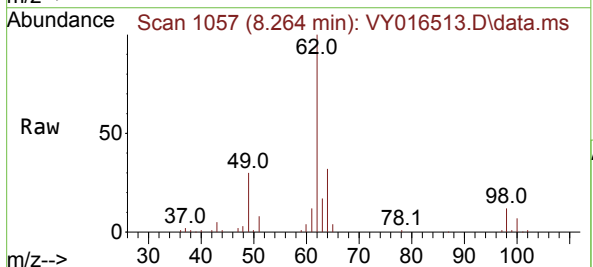


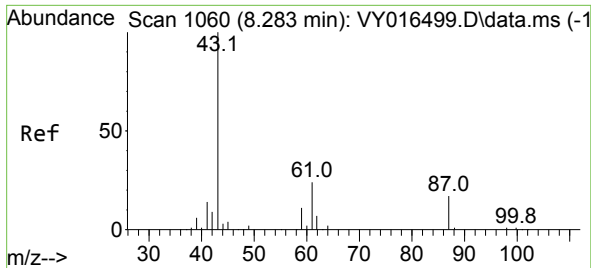
Tgt Ion: 41 Resp: 7647
Ion Ratio Lower Upper
41 100
39 50.5 52.1 78.1#
67 99.4 66.2 99.2#
52 38.2 29.9 44.9



#42
1,2-Dichloroethane
Concen: 21.315 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.018 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 62 Resp: 34169
Ion Ratio Lower Upper
62 100
98 11.4 0.0 15.8

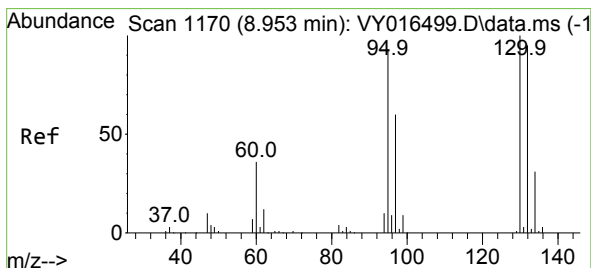
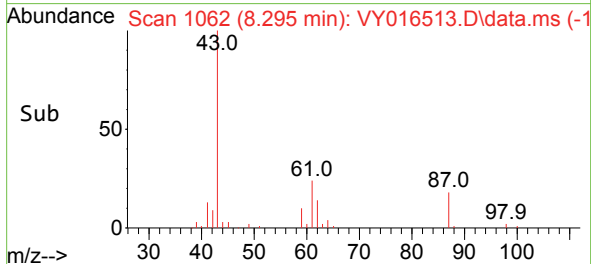
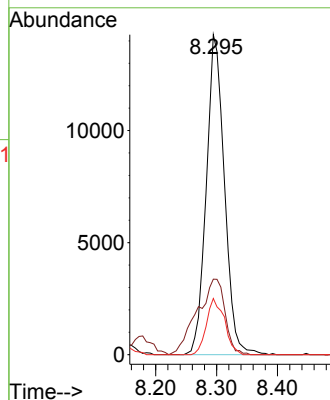
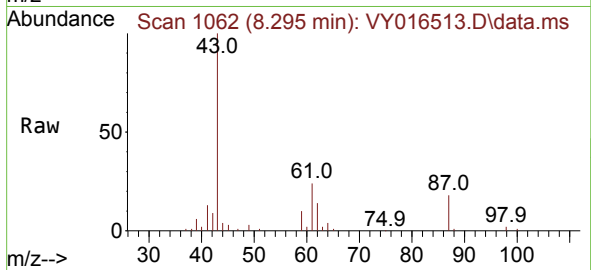




#43
Isopropyl Acetate
Concen: 17.183 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

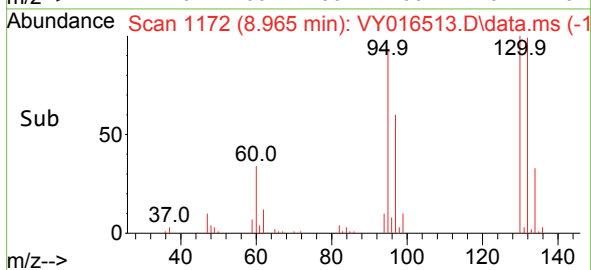
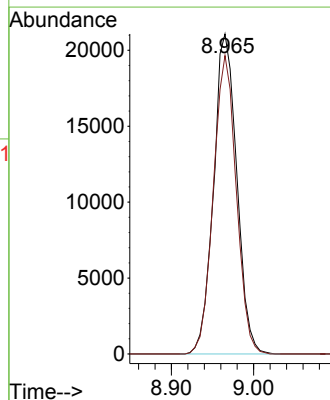
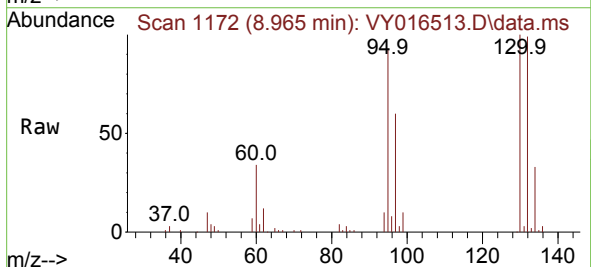
Instrument :
MSVOA_Y
ClientSampleId :

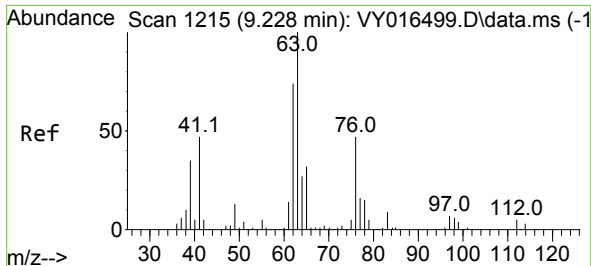
Tgt Ion: 43 Resp: 29553
Ion Ratio Lower Upper
43 100
61 36.2 21.1 31.7#
87 17.5 9.8 14.8#



#44
Trichloroethene
Concen: 23.221 ug/l
RT: 8.965 min Scan# 1172
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion:130 Resp: 41289
Ion Ratio Lower Upper
130 100
95 93.2 0.0 196.0

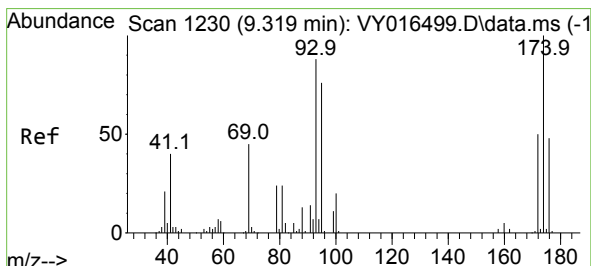
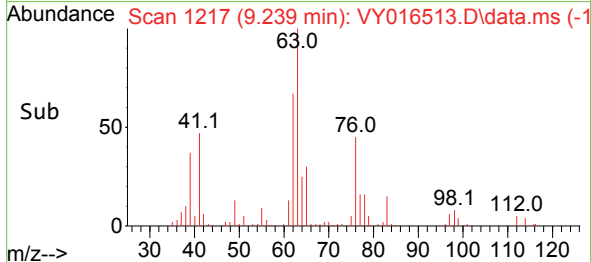
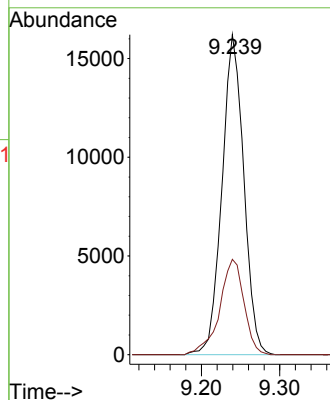
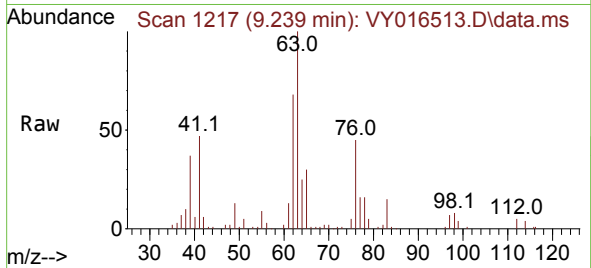




#45
1,2-Dichloropropane
Concen: 21.087 ug/l
RT: 9.239 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

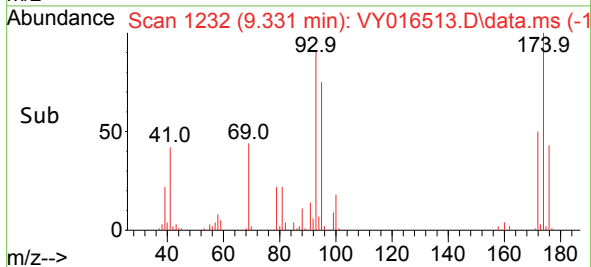
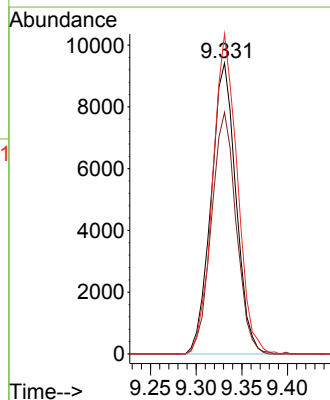
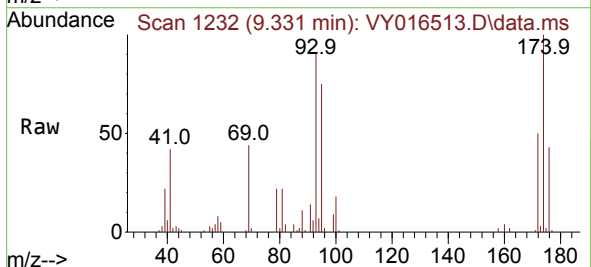
Instrument :
MSVOA_Y
ClientSampleId :

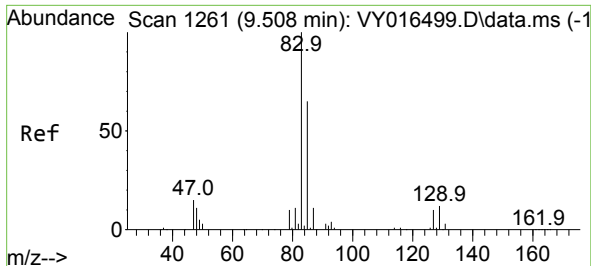
Tgt Ion: 63 Resp: 31331
Ion Ratio Lower Upper
63 100
65 29.8 23.8 35.6



#46
Dibromomethane
Concen: 22.102 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 93 Resp: 17796
Ion Ratio Lower Upper
93 100
95 82.6 66.6 100.0
174 108.9 84.8 127.2

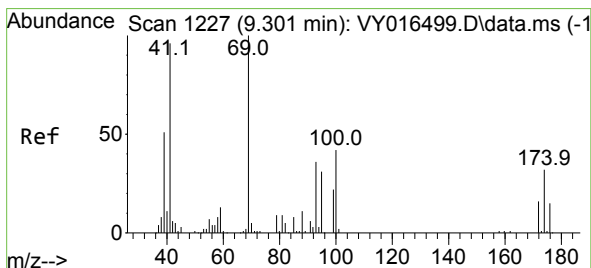
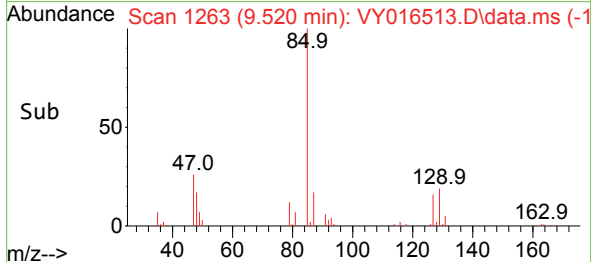
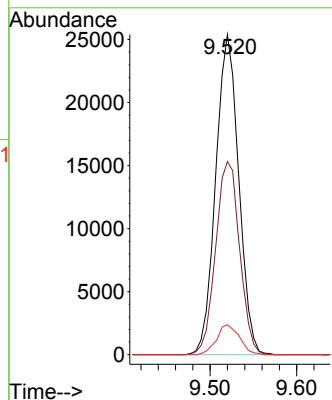
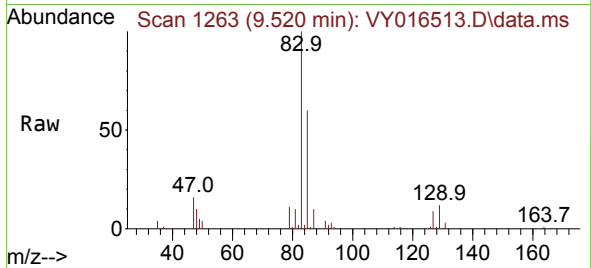




#47
Bromodichloromethane
Concen: 22.610 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

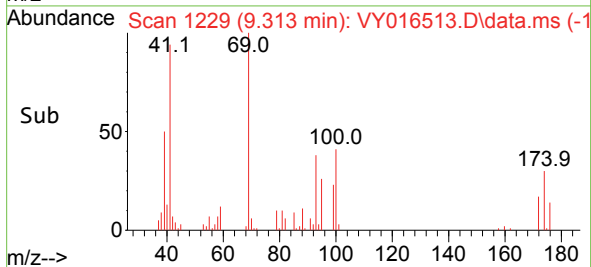
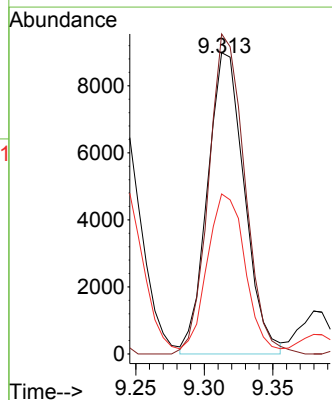
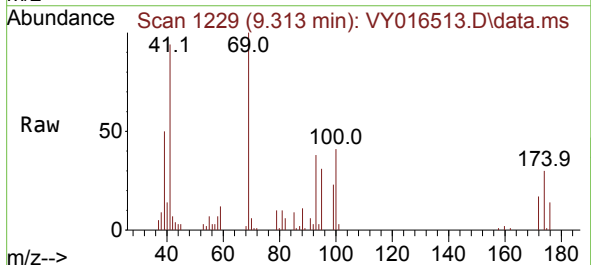
Instrument :
MSVOA_Y
ClientSampleId :

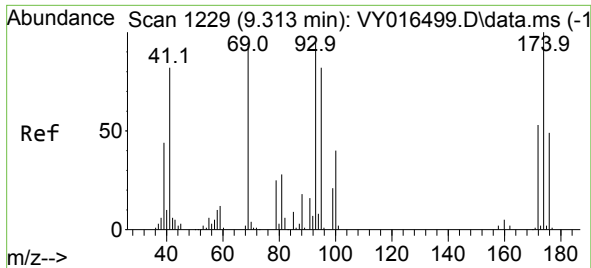
Tgt Ion: 83 Resp: 46802
Ion Ratio Lower Upper
83 100
85 60.3 50.1 75.1
127 9.4 7.1 10.7



#48
Methyl methacrylate
Concen: 17.713 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 41 Resp: 16836
Ion Ratio Lower Upper
41 100
69 103.7 64.5 96.7#
39 51.8 50.8 76.2

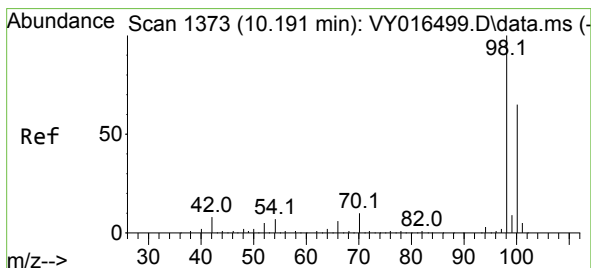
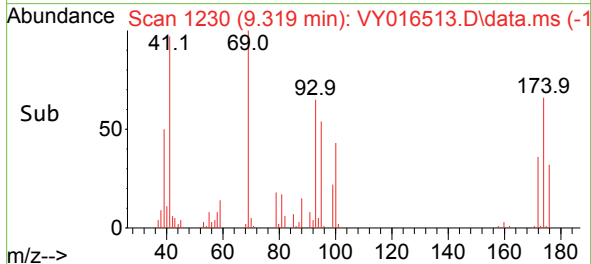
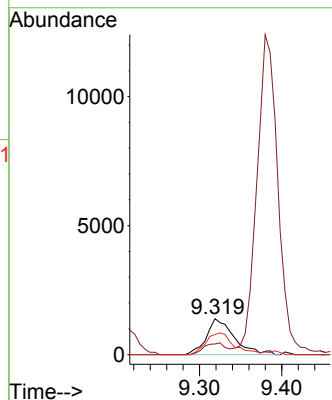
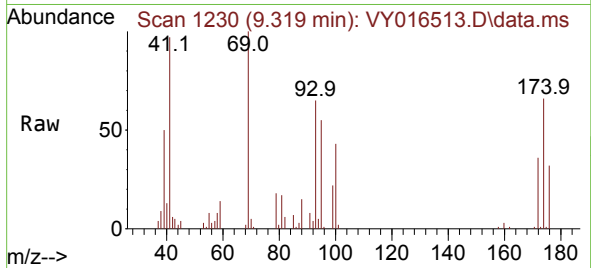




#49
1,4-Dioxane
Concen: 383.129 ug/l
RT: 9.319 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

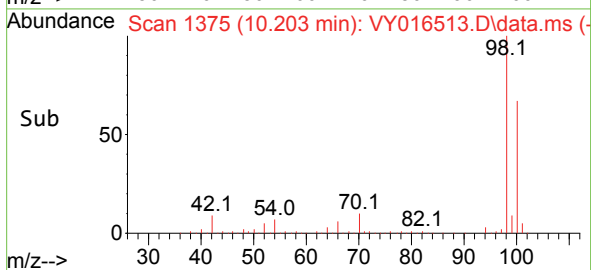
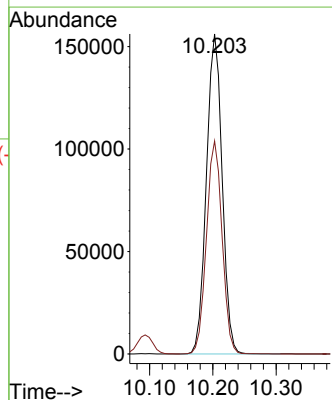
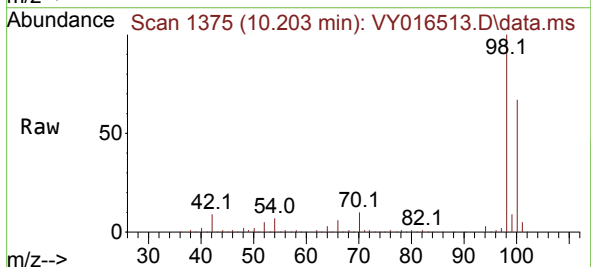
Instrument :
MSVOA_Y
ClientSampleId :

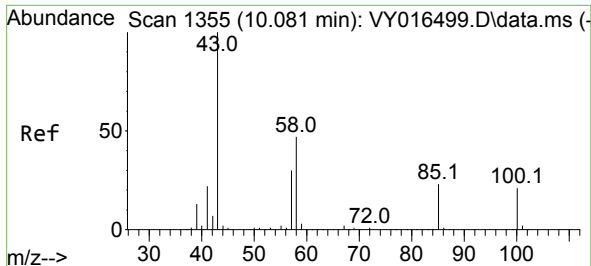
Tgt Ion: 88 Resp: 3275
Ion Ratio Lower Upper
88 100
43 26.0 0.0 0.0#
58 60.7 30.9 46.3#



#50
Toluene-d8
Concen: 52.599 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 98 Resp: 270503
Ion Ratio Lower Upper
98 100
100 66.3 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 86.873 ug/l

RT: 10.093 min Scan# 1357

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

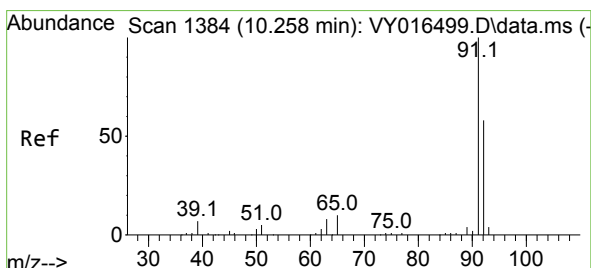
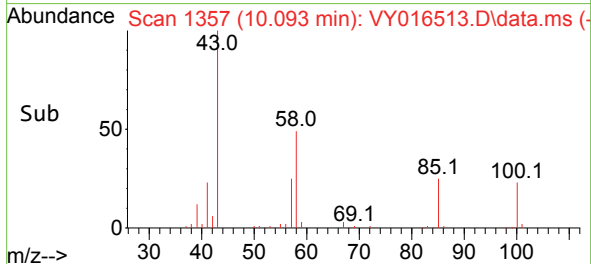
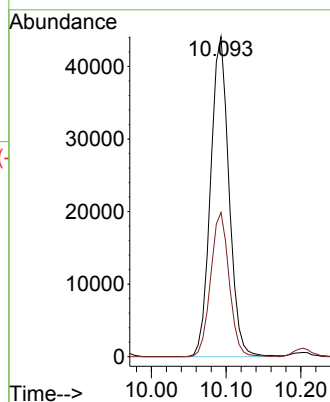
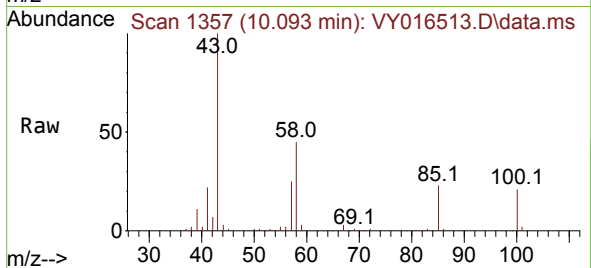
ClientSampleId :

Tgt Ion: 43 Resp: 75553

Ion Ratio Lower Upper

43 100

58 45.2 29.0 43.6#



#52

Toluene

Concen: 22.608 ug/l

RT: 10.270 min Scan# 1386

Delta R.T. 0.018 min

Lab File: VY016513.D

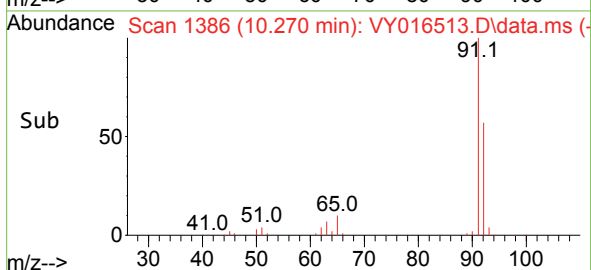
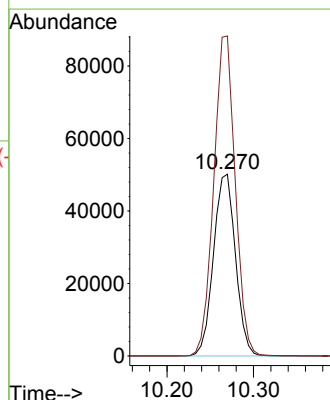
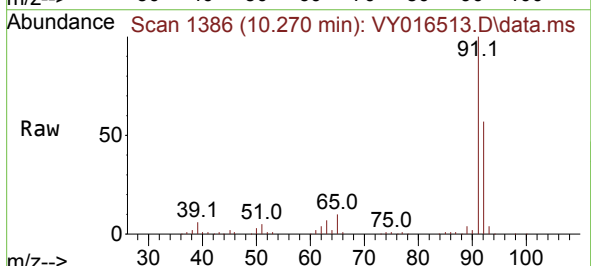
Acq: 28 Nov 2023 12:00

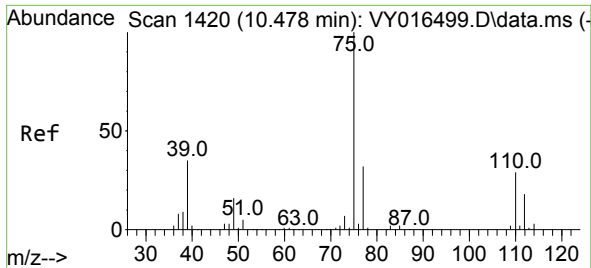
Tgt Ion: 92 Resp: 88418

Ion Ratio Lower Upper

92 100

91 172.5 143.8 215.6

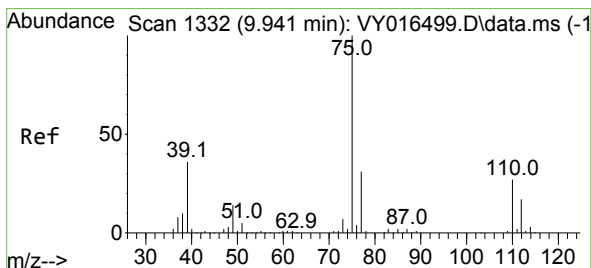
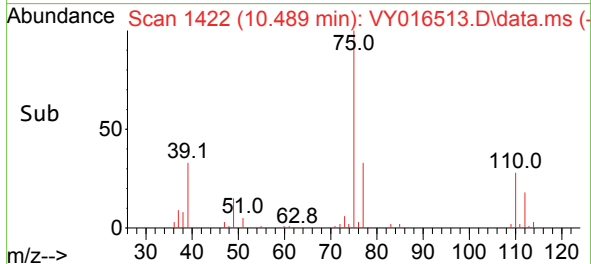
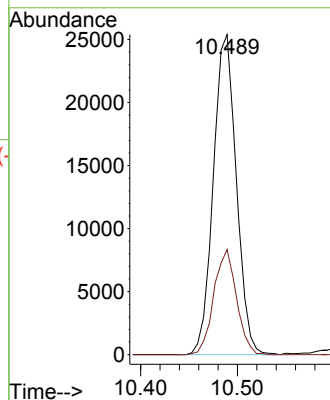
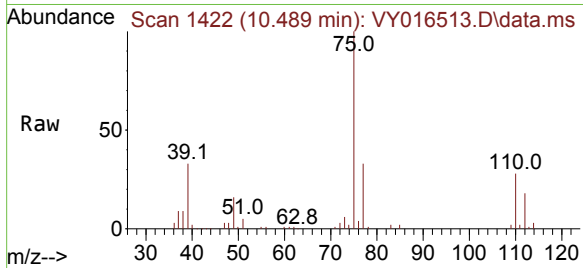




#53
 t-1,3-Dichloropropene
 Concen: 20.917 ug/l
 RT: 10.489 min Scan# 1420
 Delta R.T. 0.012 min
 Lab File: VY016513.D
 Acq: 28 Nov 2023 12:00

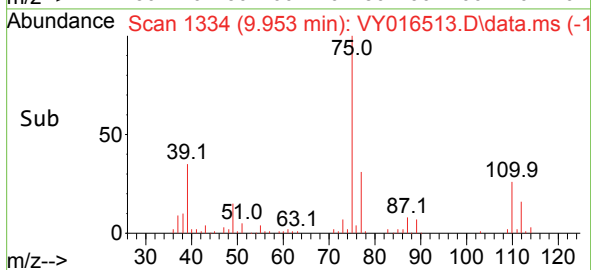
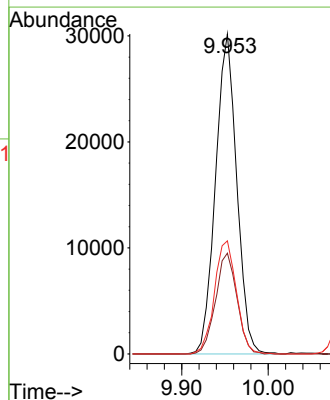
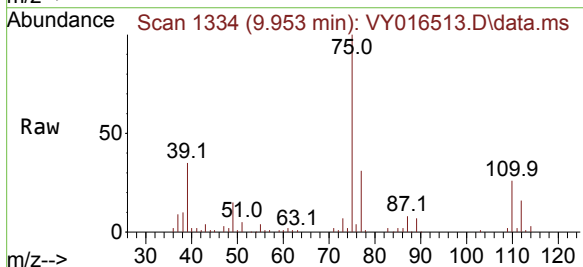
Instrument :
 MSVOA_Y
 ClientSampleId :

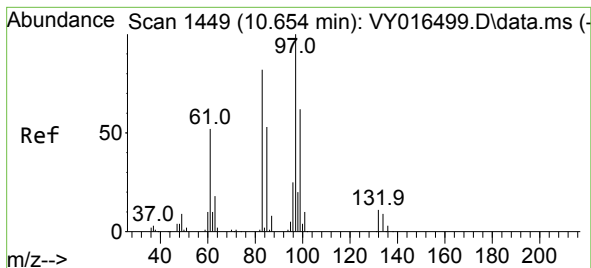
Tgt Ion: 75 Resp: 41975
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.396 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.012 min
 Lab File: VY016513.D
 Acq: 28 Nov 2023 12:00

Tgt Ion: 75 Resp: 51282
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.2 36.4
 39 35.3 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 22.409 ug/l

RT: 10.666 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 24869

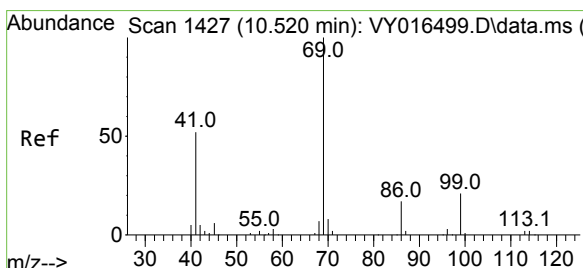
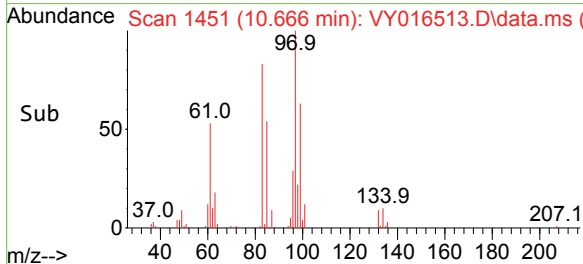
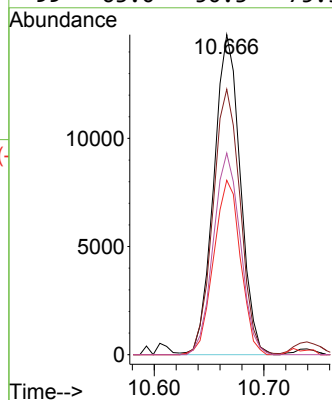
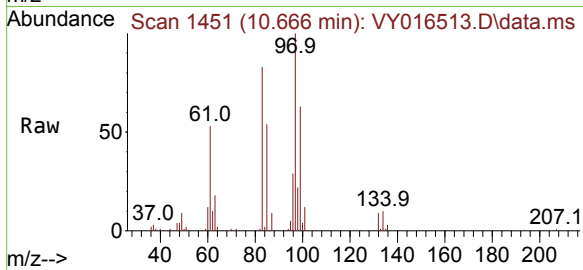
Ion Ratio Lower Upper

97 100

83 82.9 72.0 108.0

85 54.5 45.4 68.0

99 63.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.192 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

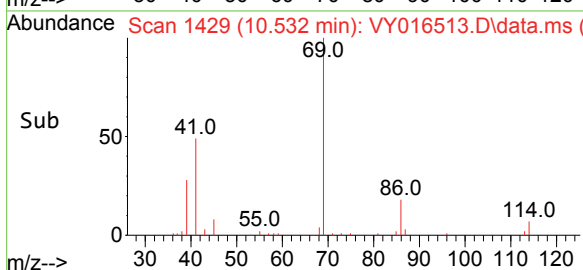
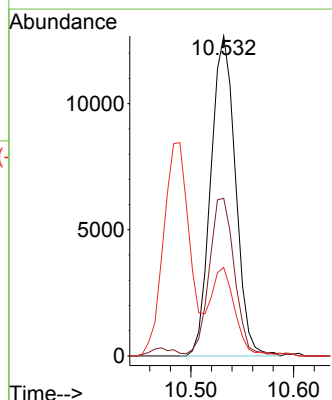
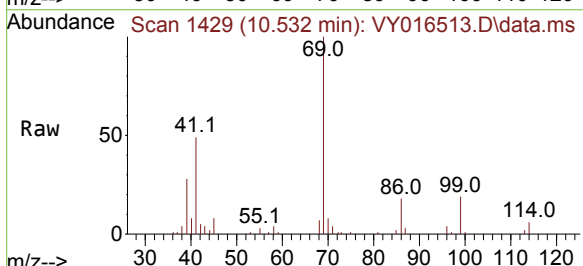
Tgt Ion: 69 Resp: 21153

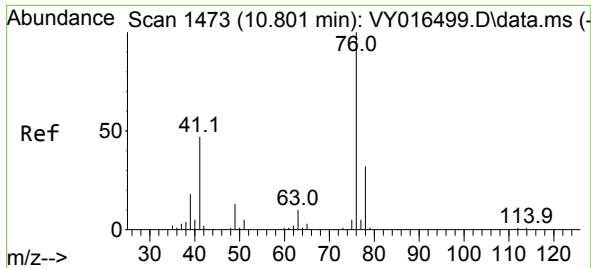
Ion Ratio Lower Upper

69 100

41 51.3 57.6 86.4#

39 24.8 34.1 51.1#

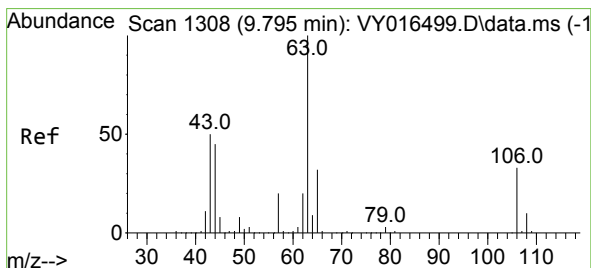
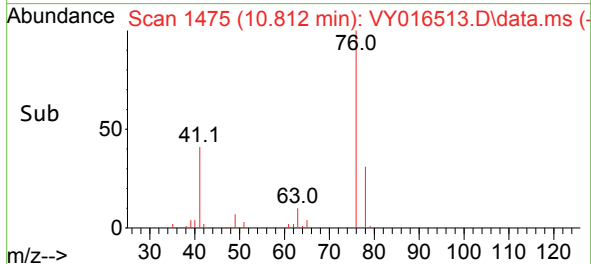
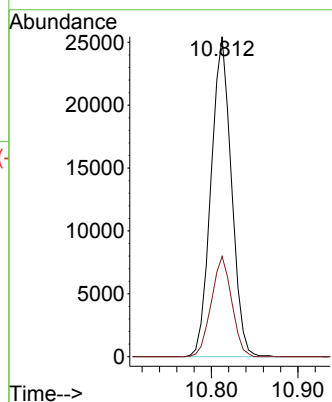
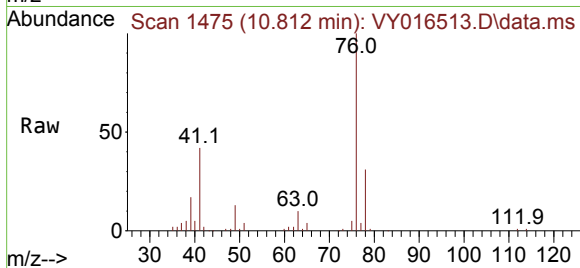




#57
1,3-Dichloropropane
Concen: 21.962 ug/l
RT: 10.812 min Scan# 1473
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

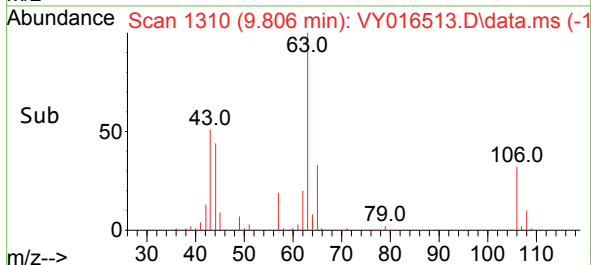
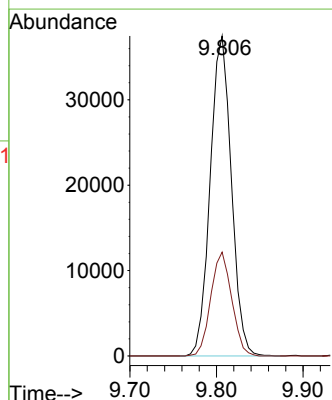
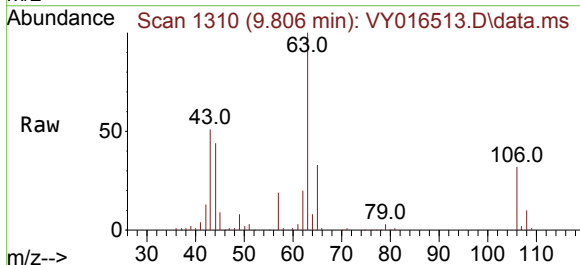
Instrument :
MSVOA_Y
ClientSampleId :

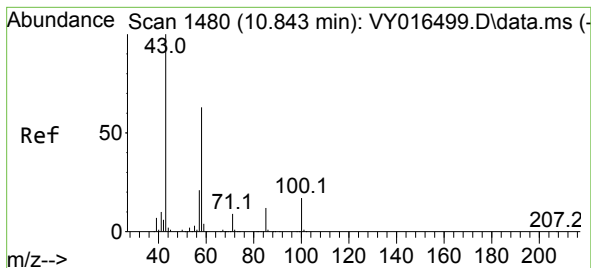
Tgt Ion: 76 Resp: 41546
Ion Ratio Lower Upper
76 100
78 31.3 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 89.490 ug/l
RT: 9.806 min Scan# 1310
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 63 Resp: 63568
Ion Ratio Lower Upper
63 100
106 32.1 21.2 31.8#

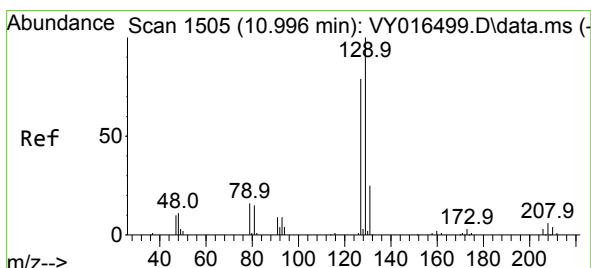
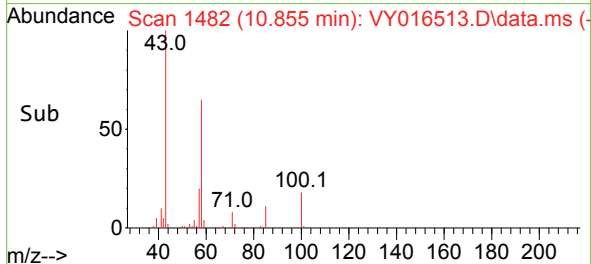
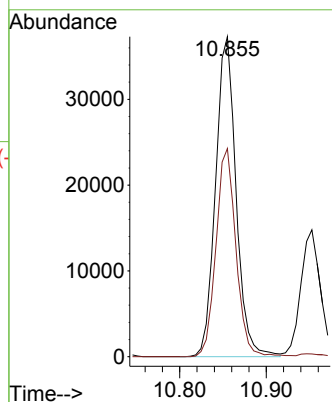
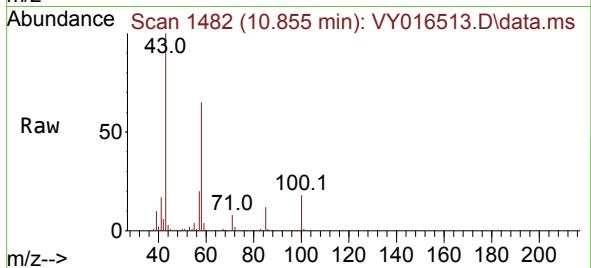




#59
2-Hexanone
Concen: 94.696 ug/l
RT: 10.855 min Scan# 1482
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

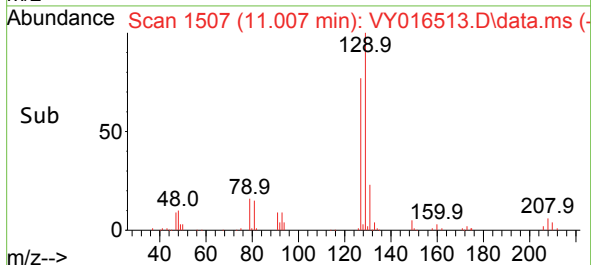
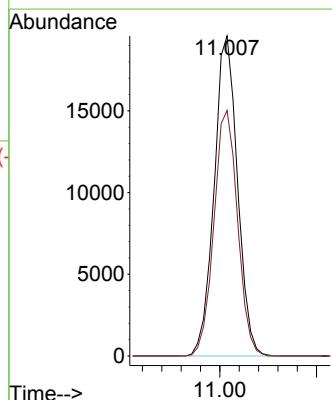
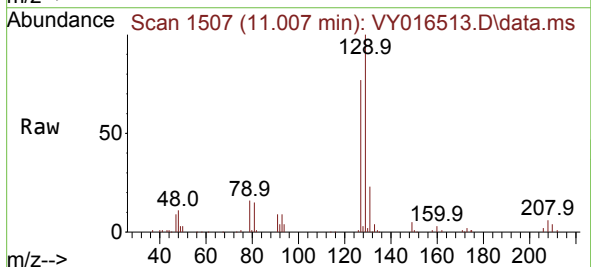
Instrument :
MSVOA_Y
ClientSampleId :

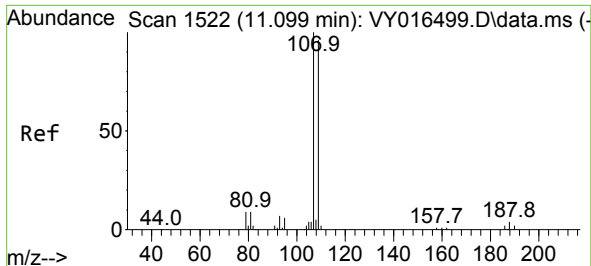
Tgt Ion: 43 Resp: 61259
Ion Ratio Lower Upper
43 100
58 63.4 25.1 75.3



#60
Dibromochloromethane
Concen: 23.621 ug/l
RT: 11.007 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion:129 Resp: 32785
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

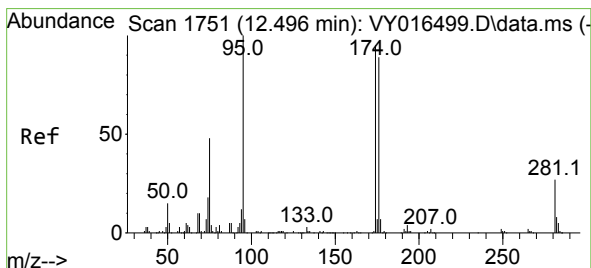
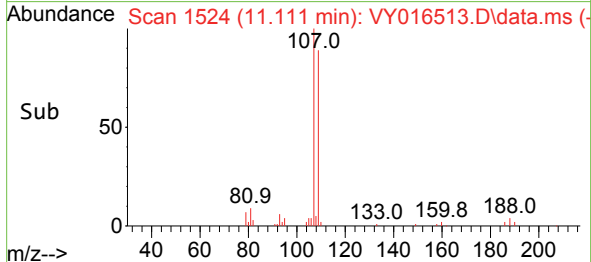
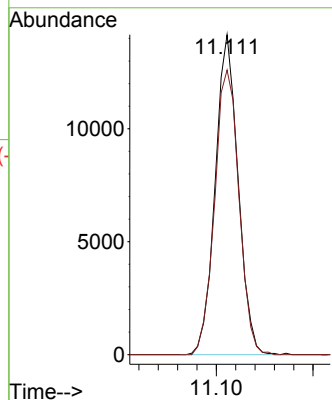
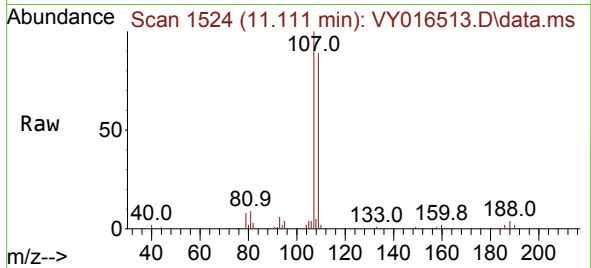




#61
1,2-Dibromoethane
Concen: 21.983 ug/l
RT: 11.111 min Scan# 1524
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

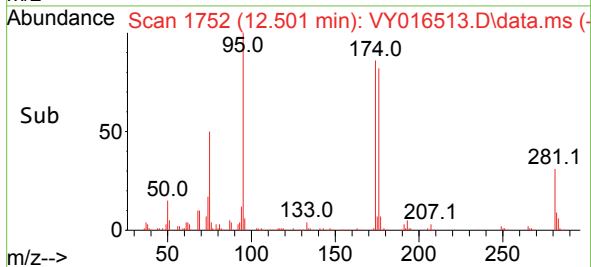
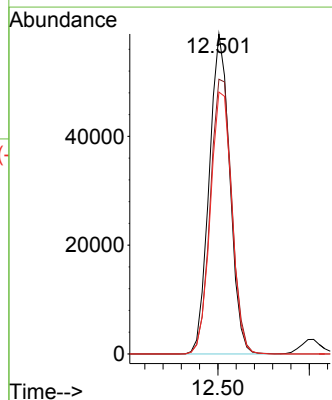
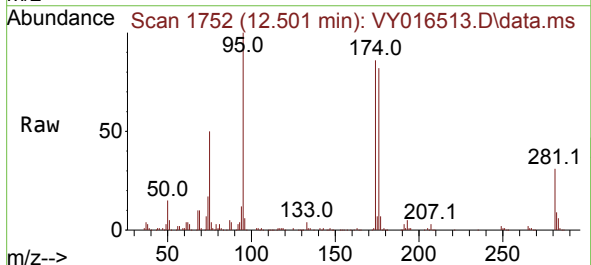
Instrument :
MSVOA_Y
ClientSampleId :

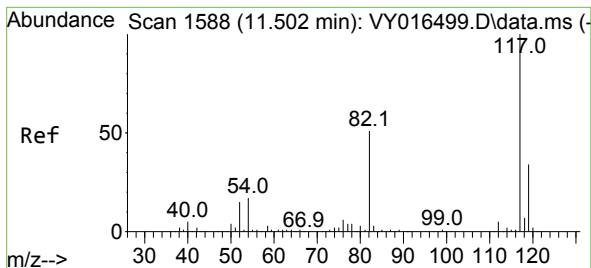
Tgt Ion:107 Resp: 23242
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.026 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 95 Resp: 91909
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.2
176 85.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.513 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

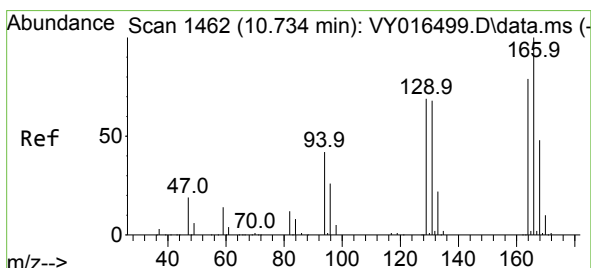
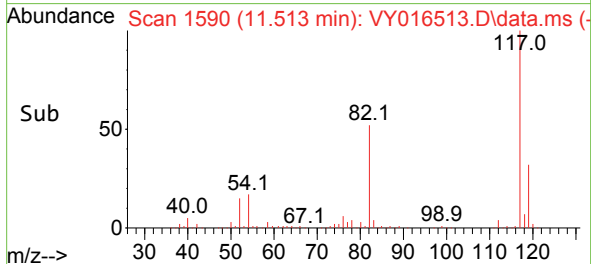
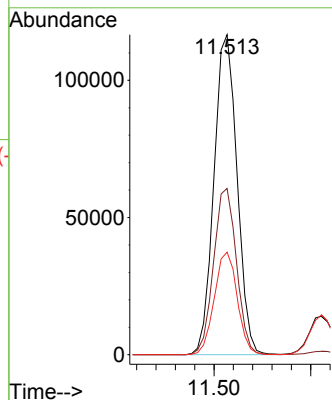
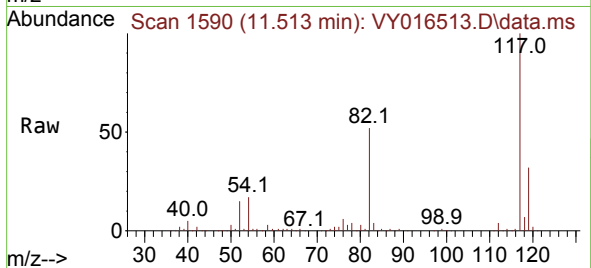
Tgt Ion:117 Resp: 192987

Ion Ratio Lower Upper

117 100

82 52.0 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 23.954 ug/l

RT: 10.739 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Tgt Ion:164 Resp: 41508

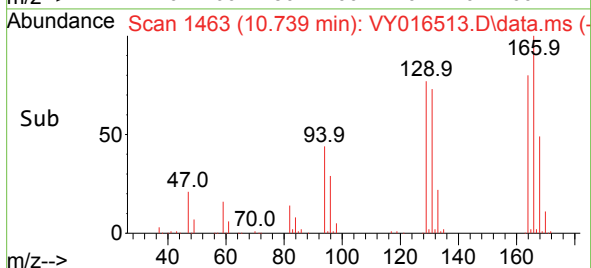
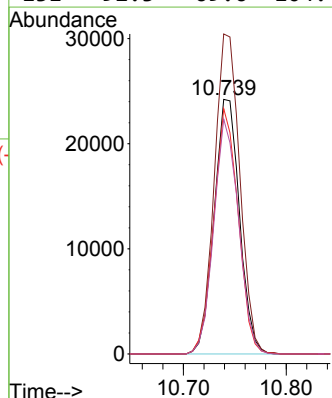
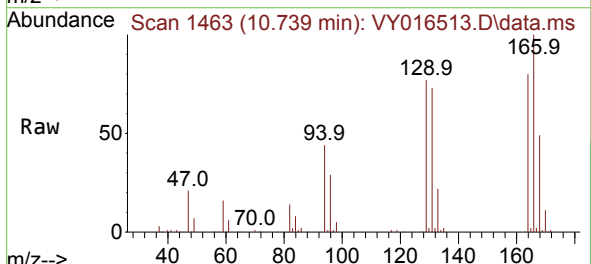
Ion Ratio Lower Upper

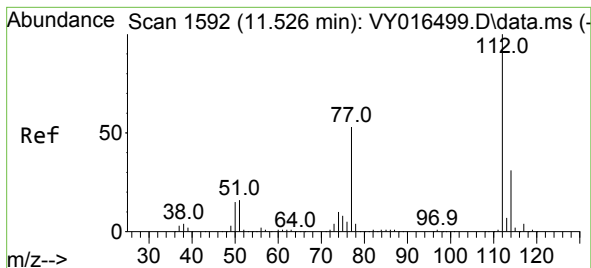
164 100

166 125.7 103.0 154.6

129 96.4 77.2 115.8

131 92.3 69.6 104.4





#65

Chlorobenzene

Concen: 23.095 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

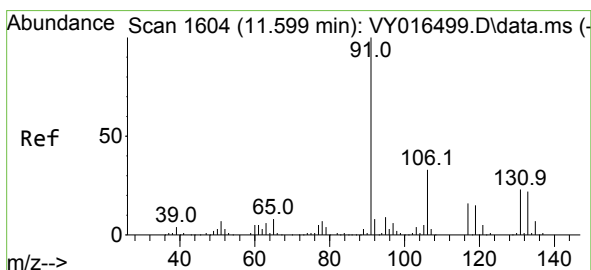
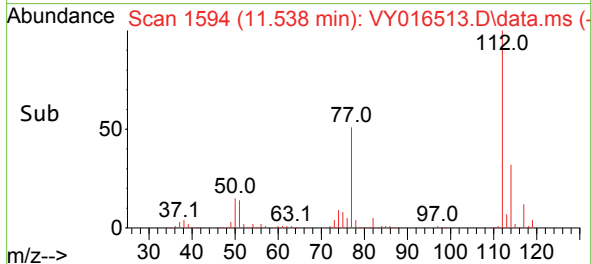
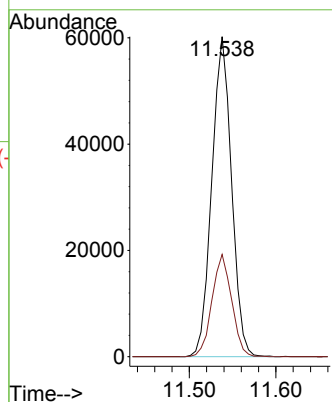
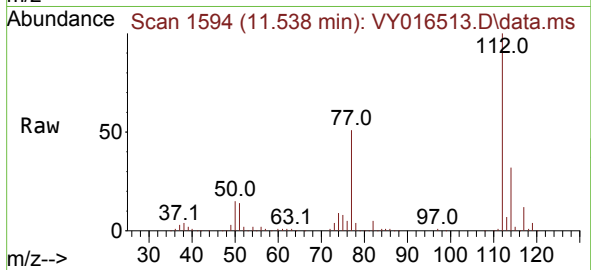
ClientSampleId :

Tgt Ion:112 Resp: 95226

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 24.310 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

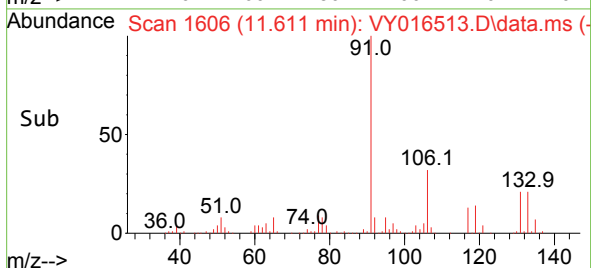
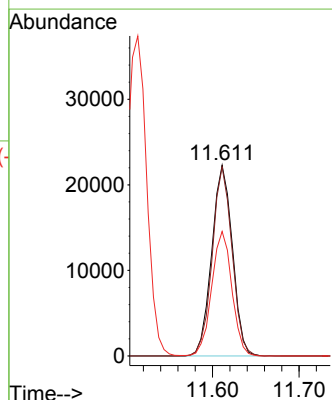
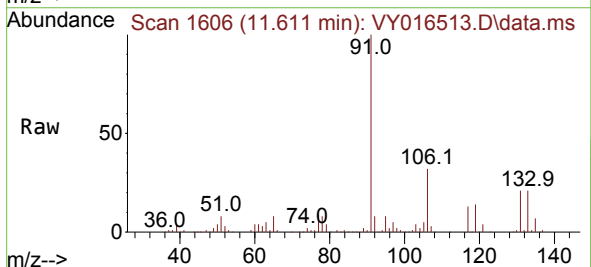
Tgt Ion:131 Resp: 36970

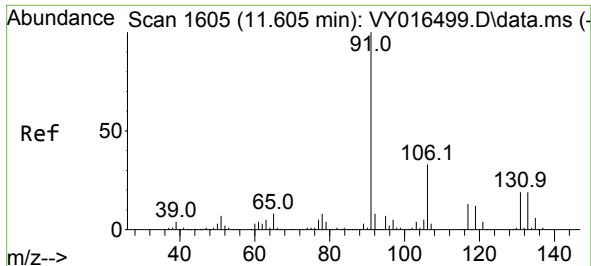
Ion Ratio Lower Upper

131 100

133 95.2 47.5 142.6

119 63.7 31.6 94.7





#67

Ethyl Benzene

Concen: 22.327 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

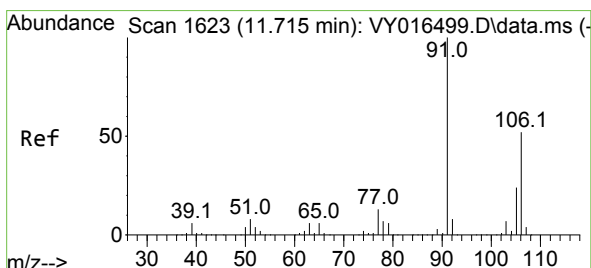
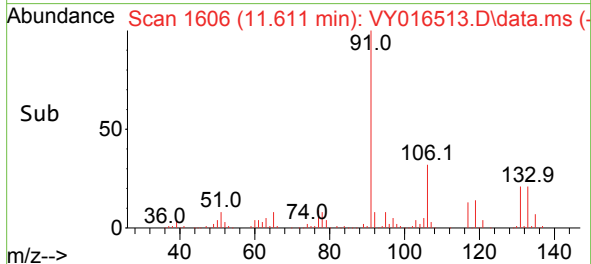
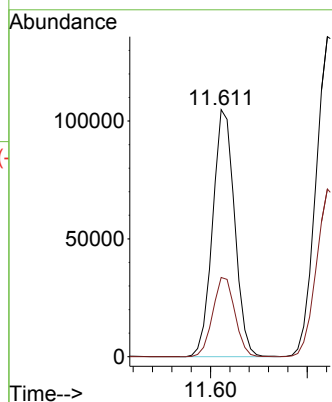
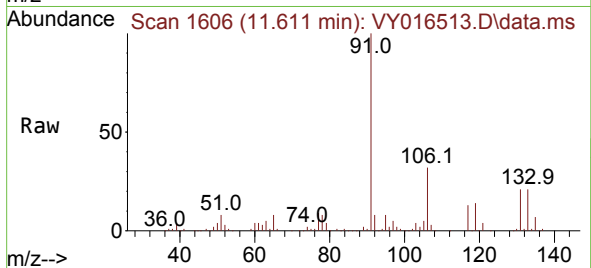
ClientSampleId :

Tgt Ion: 91 Resp: 165442

Ion Ratio Lower Upper

91 100

106 32.1 24.6 36.8



#68

m/p-Xylenes

Concen: 46.700 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.006 min

Lab File: VY016513.D

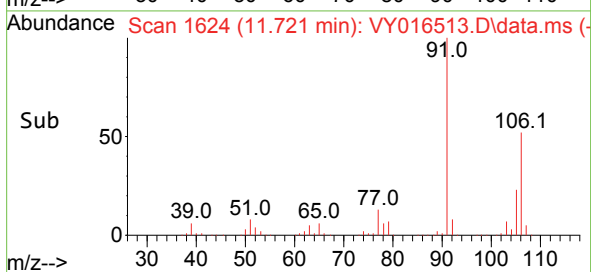
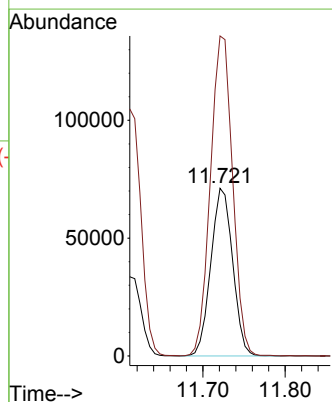
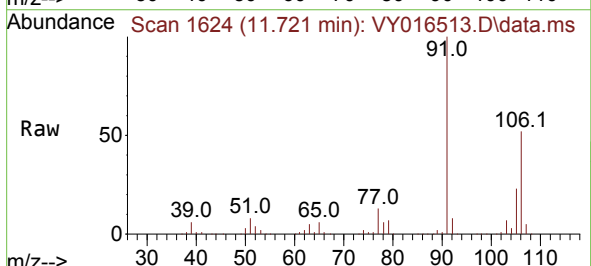
Acq: 28 Nov 2023 12:00

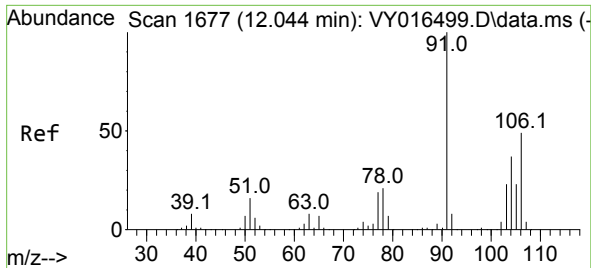
Tgt Ion:106 Resp: 131255

Ion Ratio Lower Upper

106 100

91 194.2 166.1 249.1

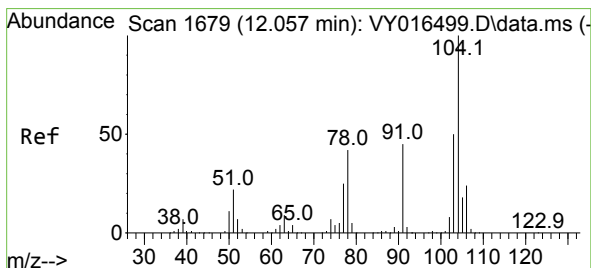
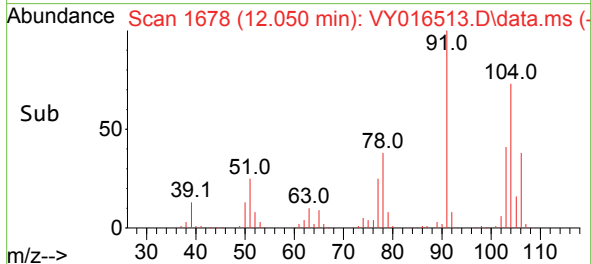
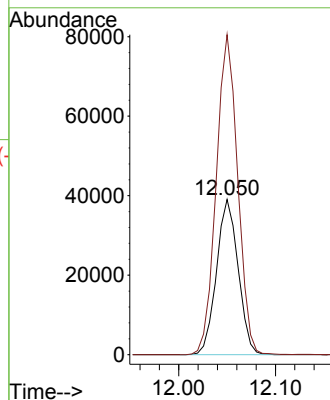
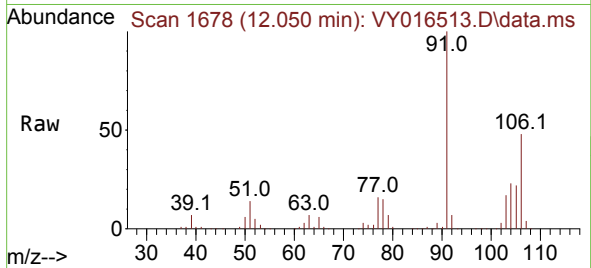




#69
o-Xylene
Concen: 23.223 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

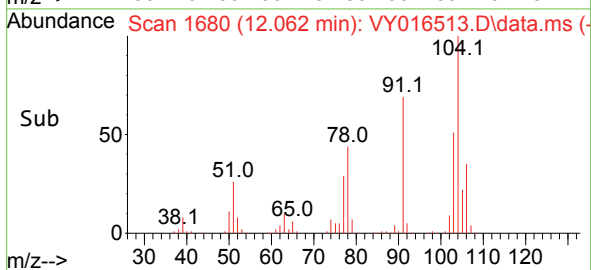
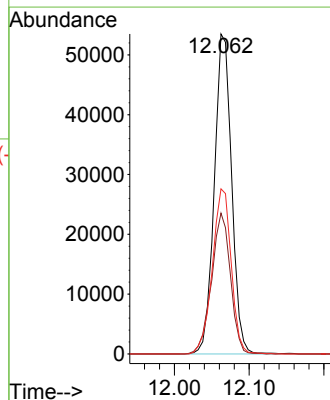
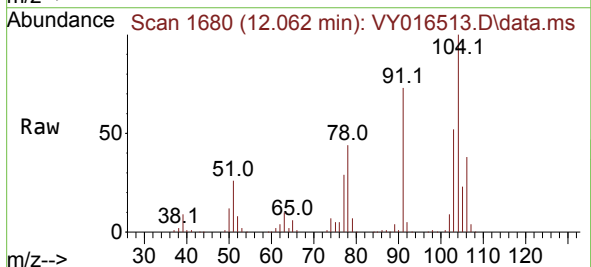
Instrument :
MSVOA_Y
ClientSampleId :

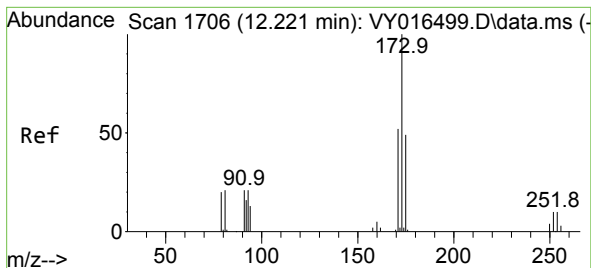
Tgt Ion:106 Resp: 60602
Ion Ratio Lower Upper
106 100
91 205.0 108.1 324.3



#70
Styrene
Concen: 23.053 ug/l
RT: 12.062 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion:104 Resp: 86138
Ion Ratio Lower Upper
104 100
78 48.0 41.5 62.3
103 56.1 44.6 67.0





#71

Bromoform

Concen: 23.281 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

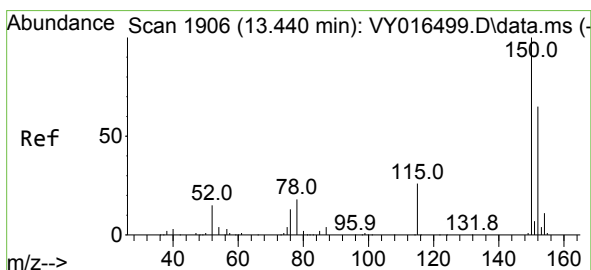
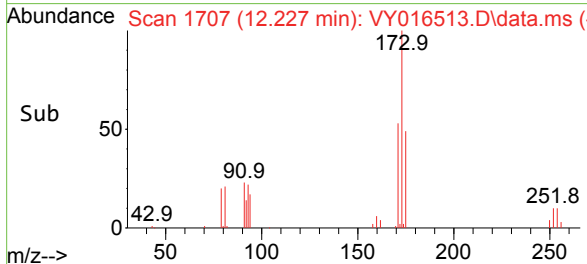
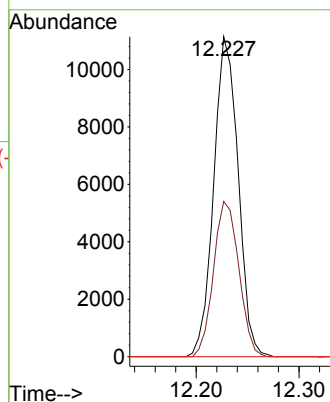
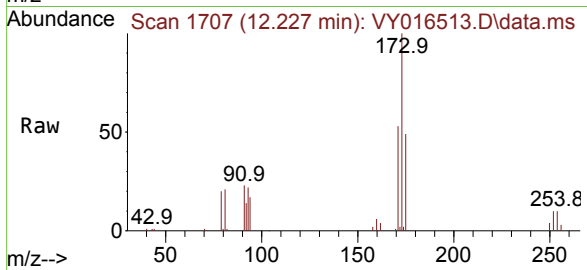
Tgt Ion:173 Resp: 18371

Ion Ratio Lower Upper

173 100

175 50.3 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. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

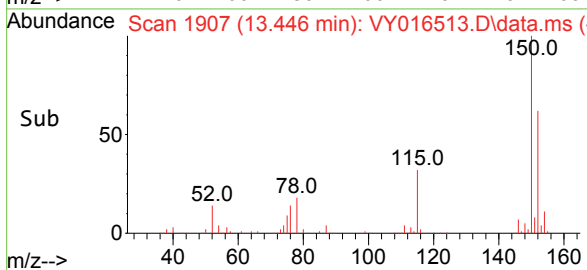
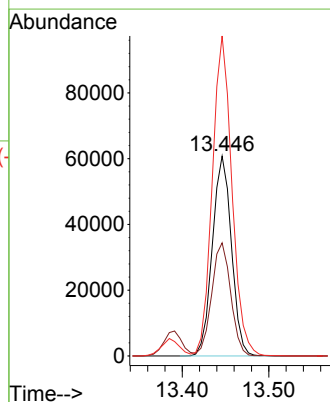
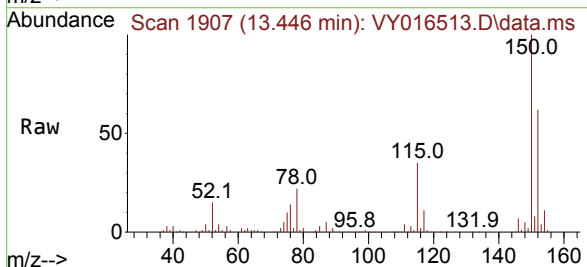
Tgt Ion:152 Resp: 93048

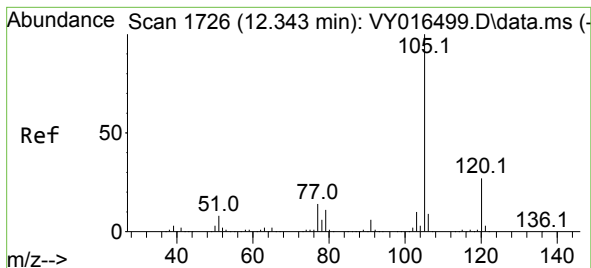
Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 164.7 0.0 348.8





#73

Isopropylbenzene

Concen: 21.806 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

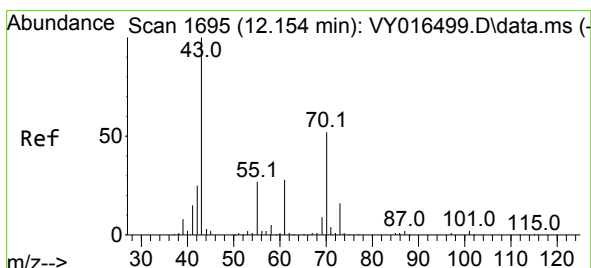
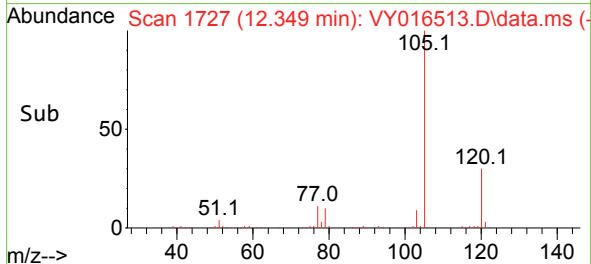
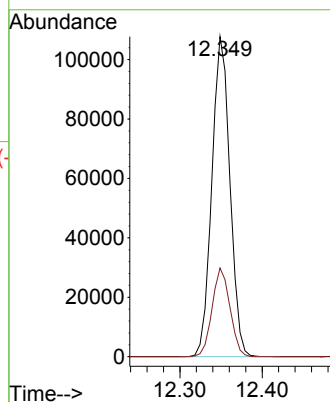
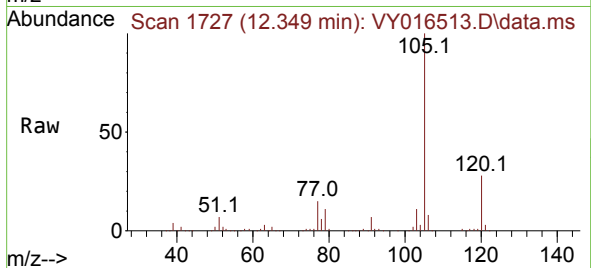
ClientSampleId :

Tgt Ion:105 Resp: 164305

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.9



#74

N-ethyl acetate

Concen: 15.920 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Tgt Ion: 43 Resp: 24094

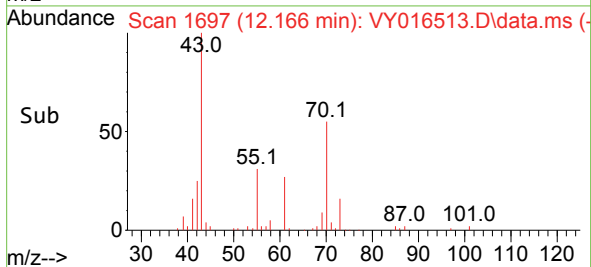
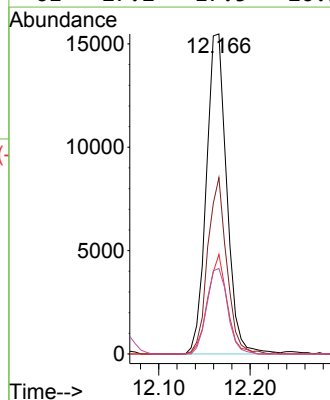
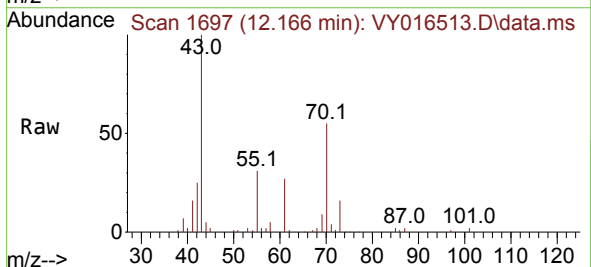
Ion Ratio Lower Upper

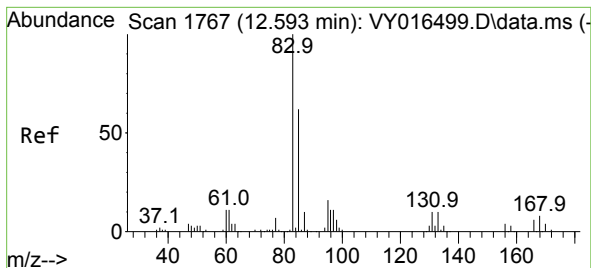
43 100

70 51.5 29.7 44.5#

55 29.5 18.3 27.5#

61 27.2 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.076 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

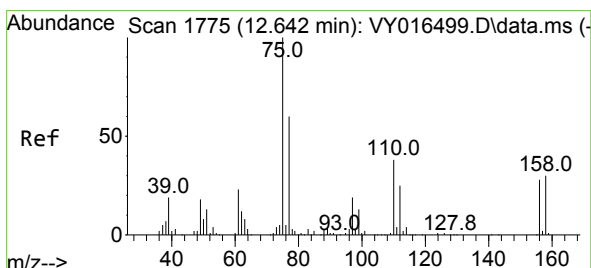
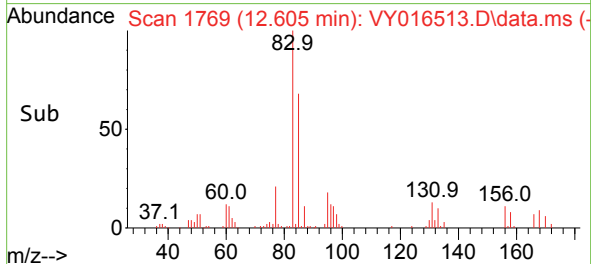
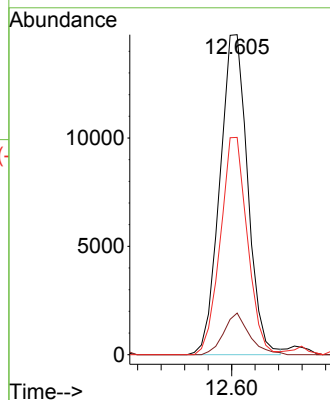
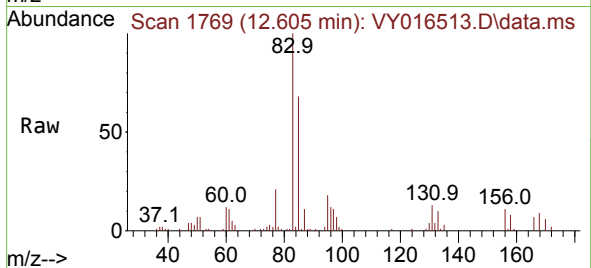
Tgt Ion: 83 Resp: 24273

Ion Ratio Lower Upper

83 100

131 12.0 5.4 16.2

85 66.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.404 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY016513.D

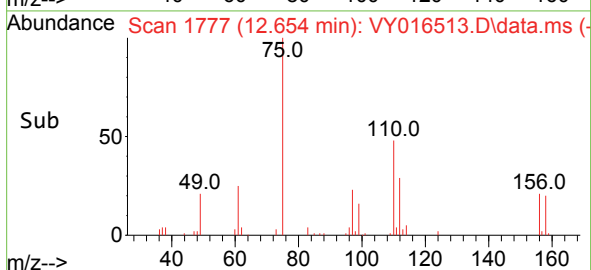
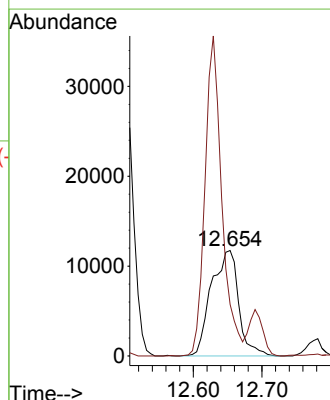
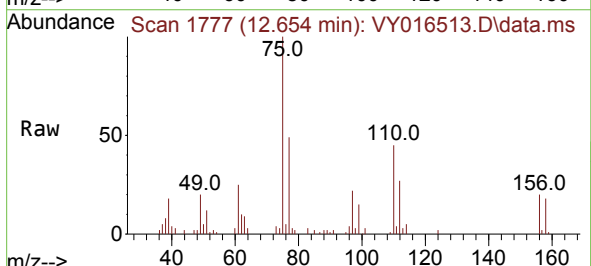
Acq: 28 Nov 2023 12:00

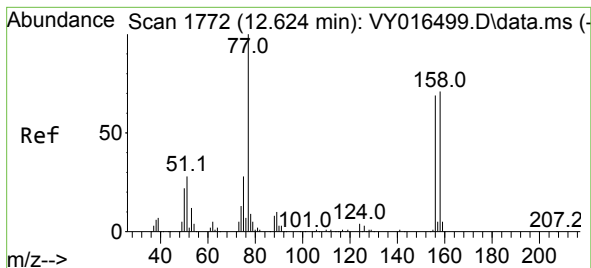
Tgt Ion: 75 Resp: 32494

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.367 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

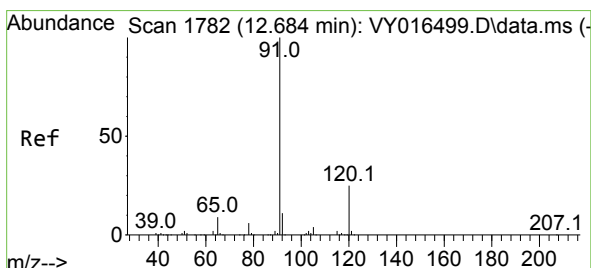
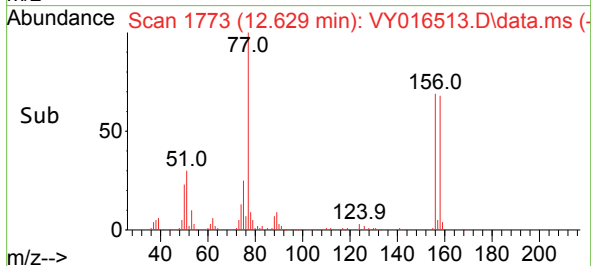
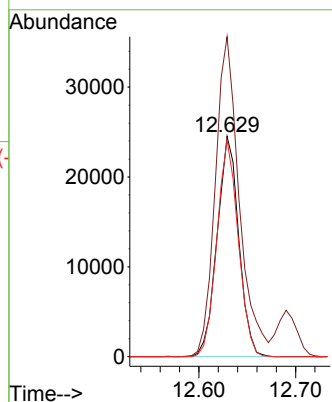
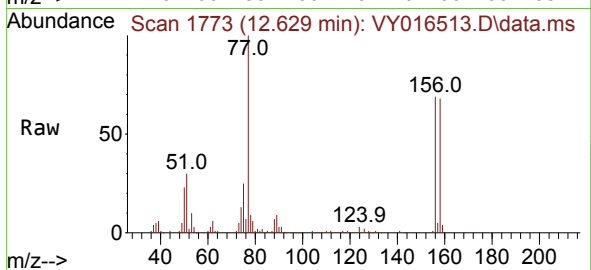
Tgt Ion:156 Resp: 38090

Ion Ratio Lower Upper

156 100

77 161.0 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 21.529 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016513.D

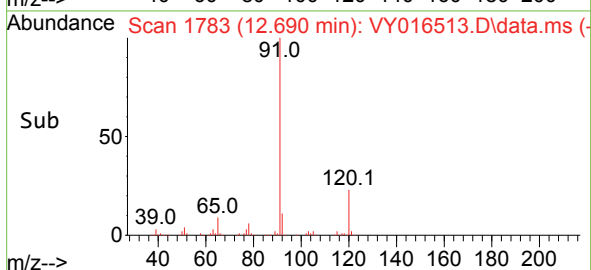
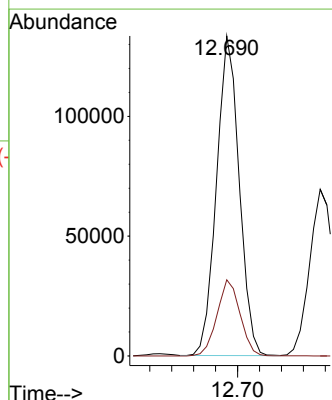
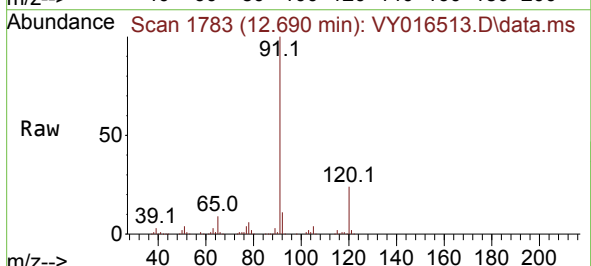
Acq: 28 Nov 2023 12:00

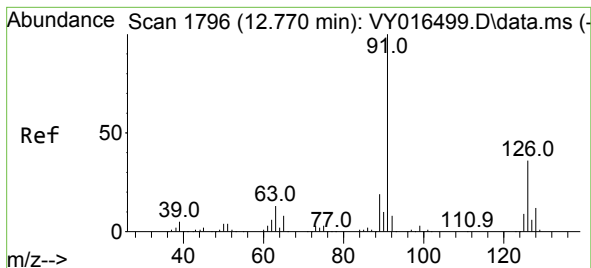
Tgt Ion: 91 Resp: 191705

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4

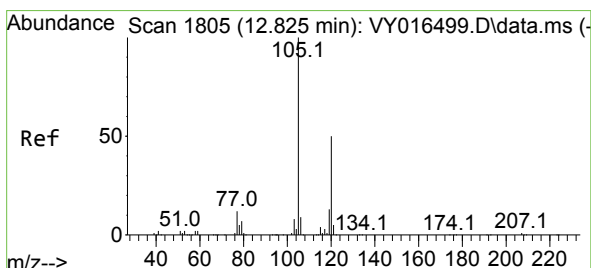
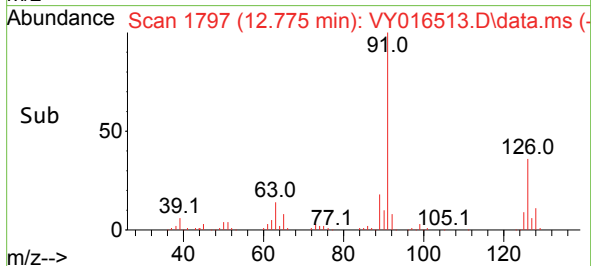
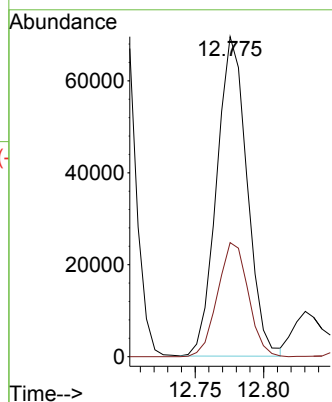
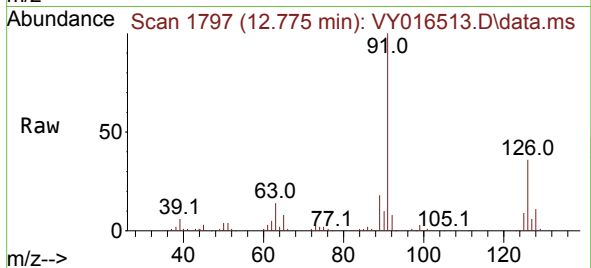




#79
2-Chlorotoluene
Concen: 21.868 ug/l
RT: 12.775 min Scan# 1796
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

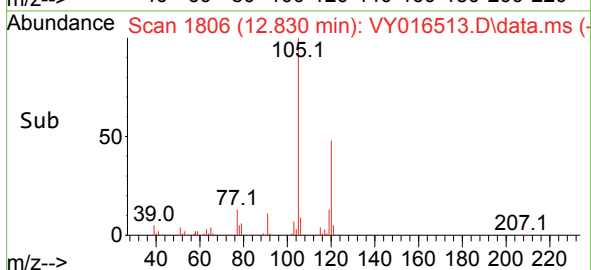
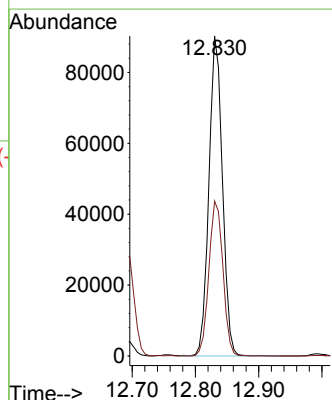
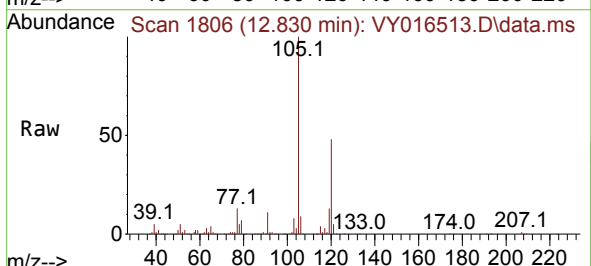
Instrument :
MSVOA_Y
ClientSampleId :

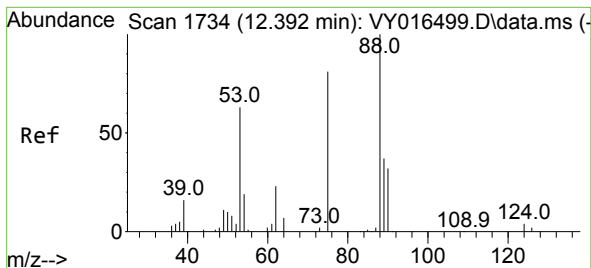
Tgt Ion: 91 Resp: 107313
Ion Ratio Lower Upper
91 100
126 35.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 22.100 ug/l
RT: 12.830 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 105 Resp: 134256
Ion Ratio Lower Upper
105 100
120 50.2 23.9 71.7

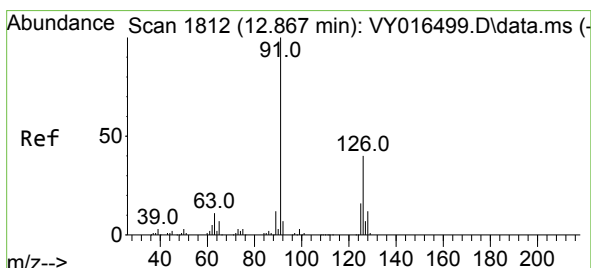
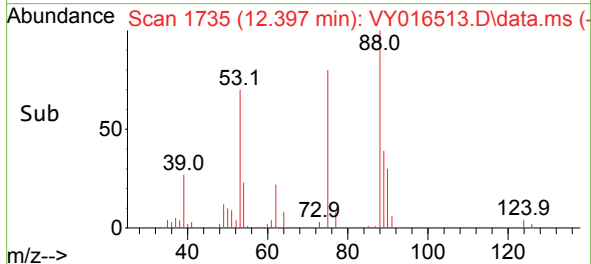
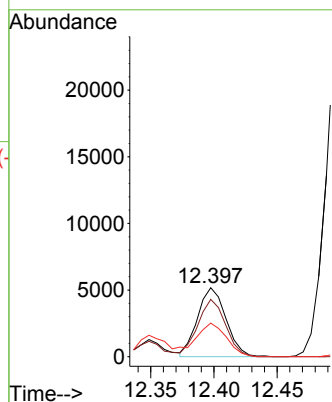
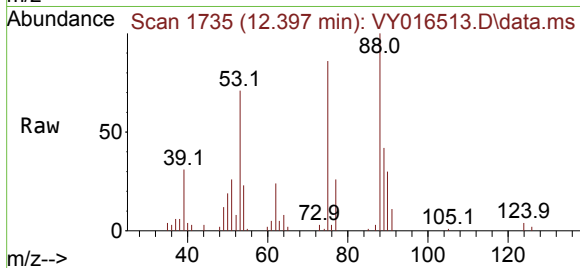




#81
trans-1,4-Dichloro-2-butene
Concen: 19.719 ug/l
RT: 12.397 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

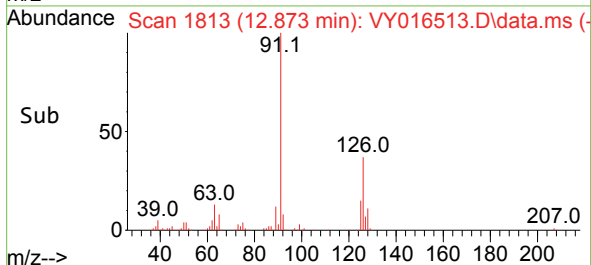
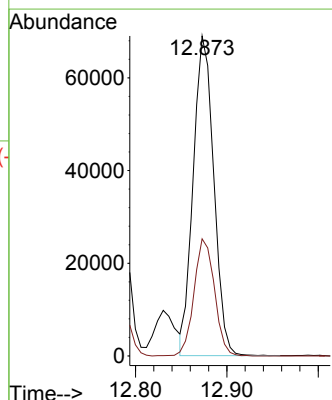
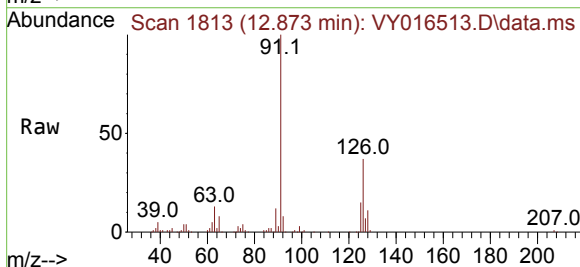
Instrument :
MSVOA_Y
ClientSampleId :

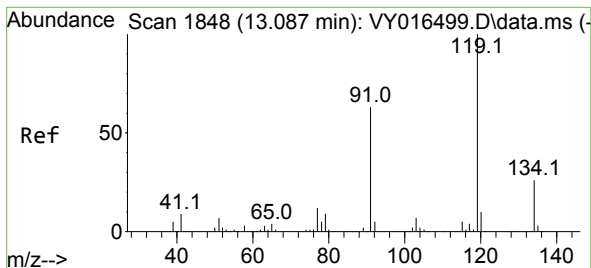
Tgt Ion: 75 Resp: 8109
Ion Ratio Lower Upper
75 100
53 80.8 77.8 116.8
89 47.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.254 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 91 Resp: 107773
Ion Ratio Lower Upper
91 100
126 36.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 22.375 ug/l

RT: 13.092 min Scan# 1849

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

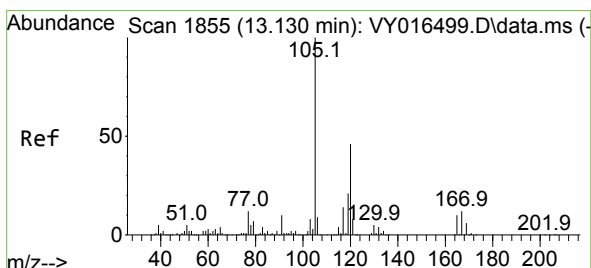
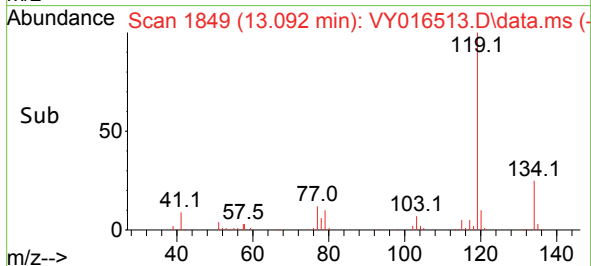
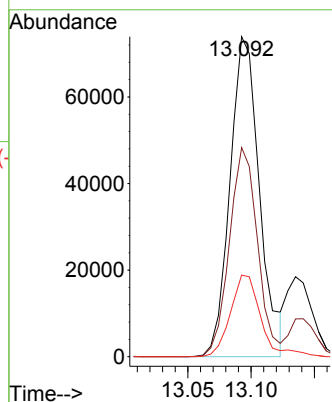
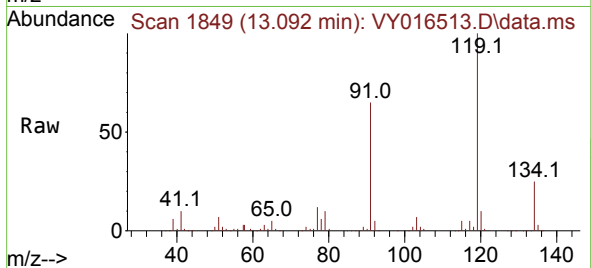
Tgt Ion:119 Resp: 119728

Ion Ratio Lower Upper

119 100

91 62.6 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.194 ug/l

RT: 13.141 min Scan# 1857

Delta R.T. 0.012 min

Lab File: VY016513.D

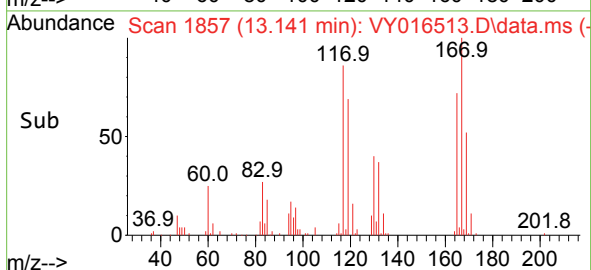
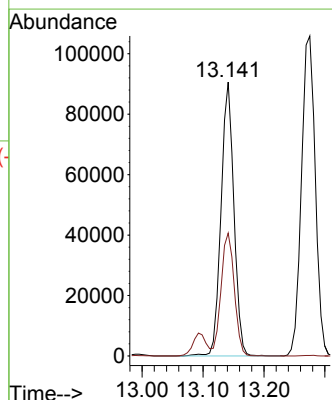
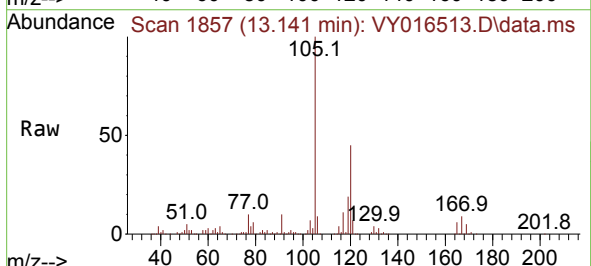
Acq: 28 Nov 2023 12:00

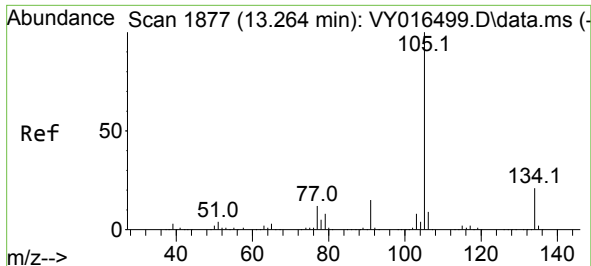
Tgt Ion:105 Resp: 132760

Ion Ratio Lower Upper

105 100

120 46.3 22.2 66.6

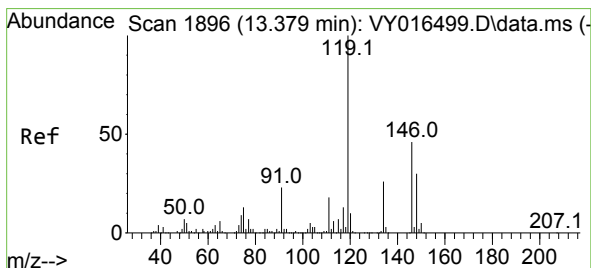
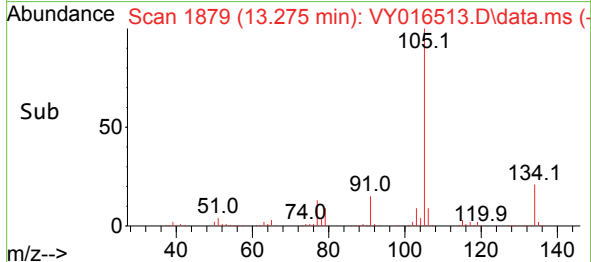
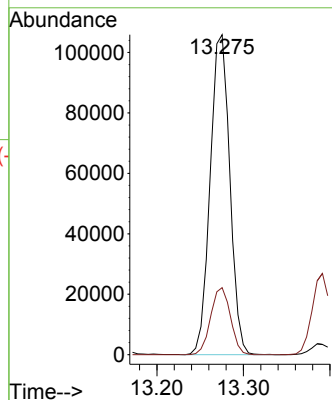
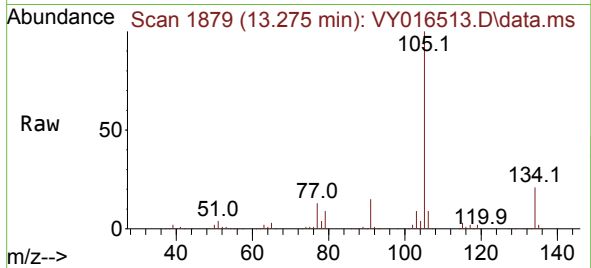




#85
 sec-Butylbenzene
 Concen: 21.814 ug/l
 RT: 13.275 min Scan# 1879
 Delta R.T. 0.012 min
 Lab File: VY016513.D
 Acq: 28 Nov 2023 12:00

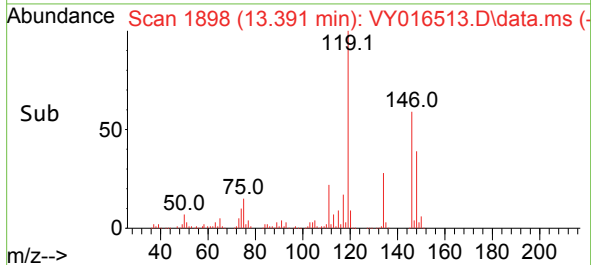
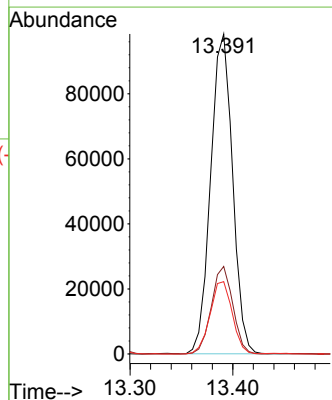
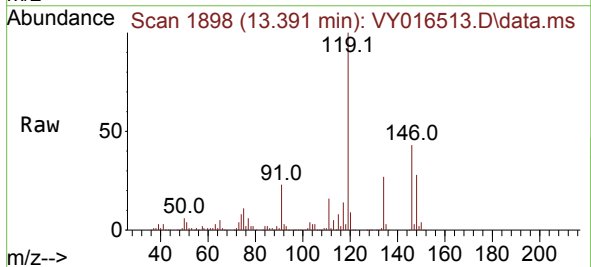
Instrument :
 MSVOA_Y
 ClientSampleId :

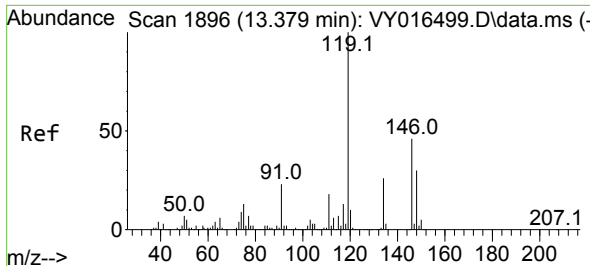
Tgt Ion:105 Resp: 166755
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 22.079 ug/l
 RT: 13.391 min Scan# 1898
 Delta R.T. 0.012 min
 Lab File: VY016513.D
 Acq: 28 Nov 2023 12:00

Tgt Ion:119 Resp: 145335
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 23.0 12.4 37.4

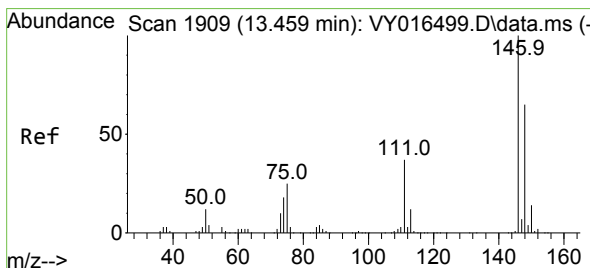
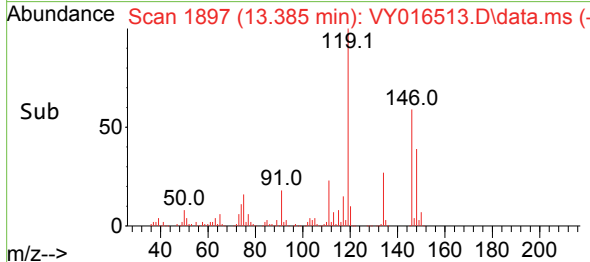
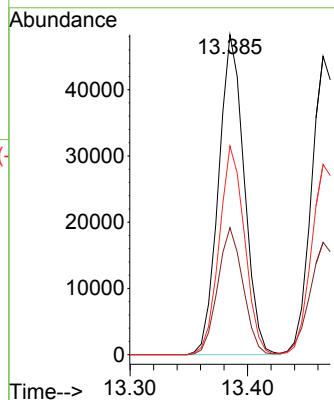
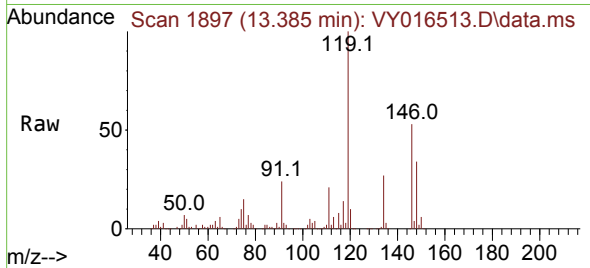




#87
 1,3-Dichlorobenzene
 Concen: 22.338 ug/l
 RT: 13.385 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VY016513.D
 Acq: 28 Nov 2023 12:00

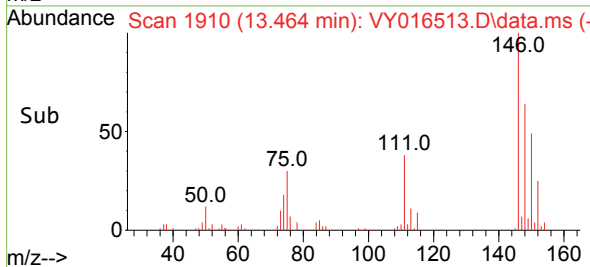
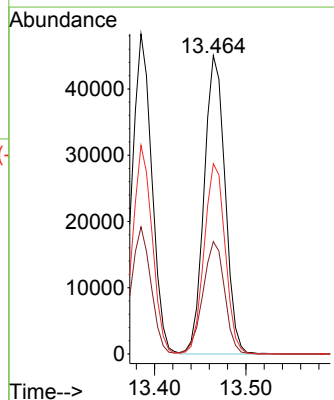
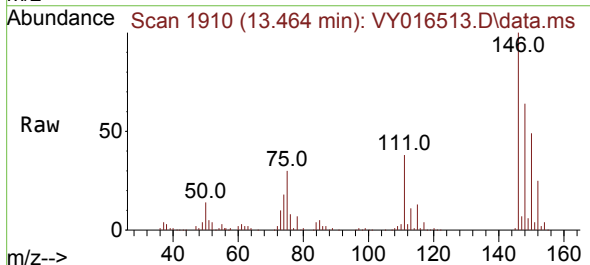
Instrument :
 MSVOA_Y
 ClientSampleId :

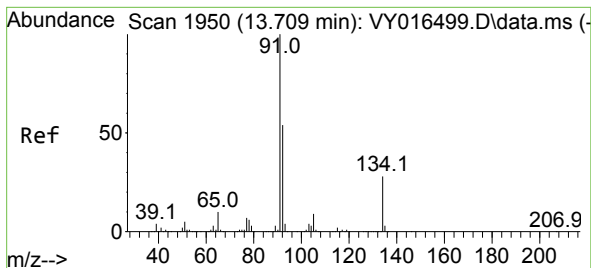
Tgt Ion:146 Resp: 73186
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.4 58.2
 148 64.5 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 22.354 ug/l
 RT: 13.464 min Scan# 1910
 Delta R.T. 0.012 min
 Lab File: VY016513.D
 Acq: 28 Nov 2023 12:00

Tgt Ion:146 Resp: 71574
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.9 56.7
 148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 20.906 ug/l

RT: 13.714 min Scan# 1951

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

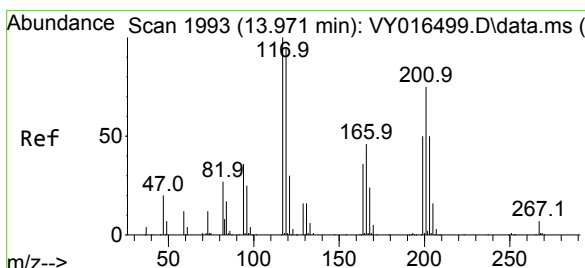
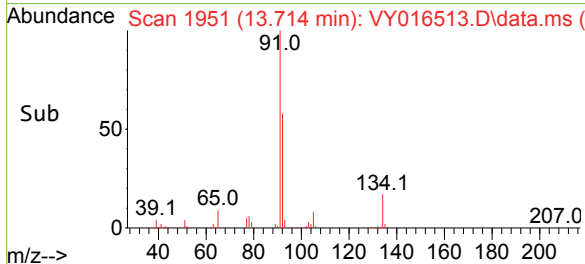
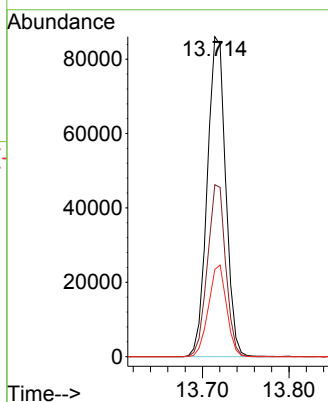
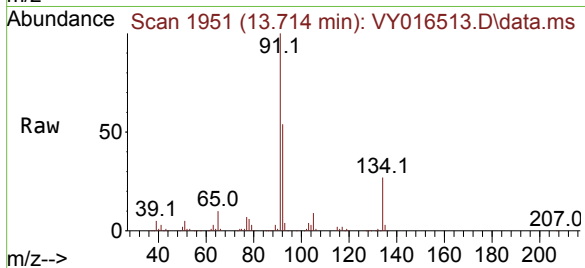
Tgt Ion: 91 Resp: 127088

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

134 28.1 12.6 37.6



#90

Hexachloroethane

Concen: 21.863 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY016513.D

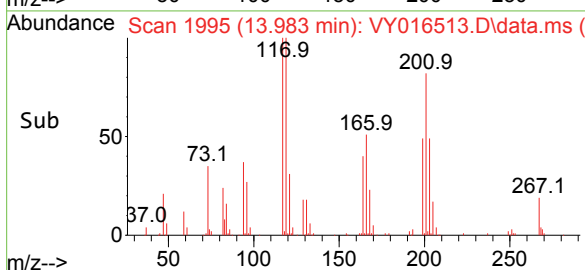
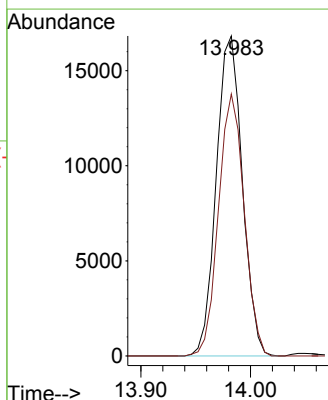
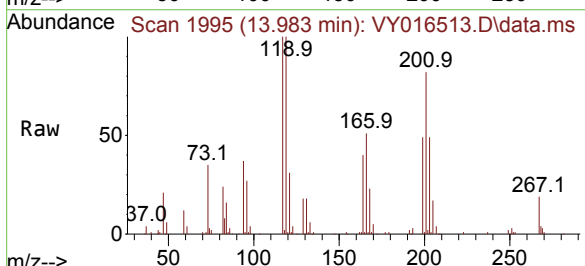
Acq: 28 Nov 2023 12:00

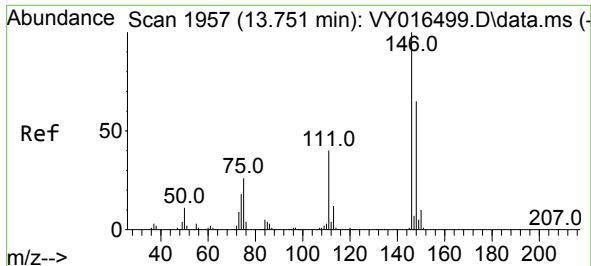
Tgt Ion: 117 Resp: 27761

Ion Ratio Lower Upper

117 100

201 80.7 41.6 124.8

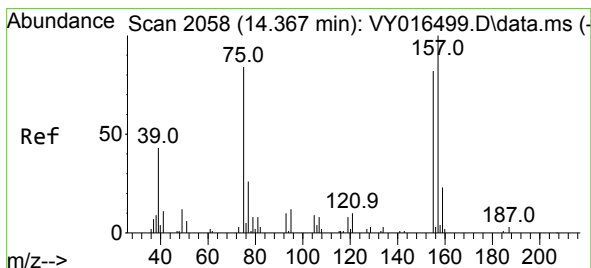
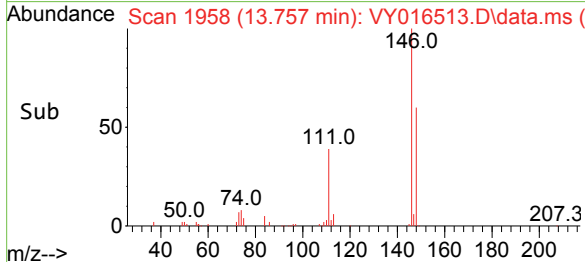
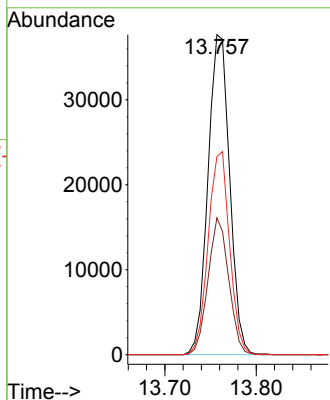
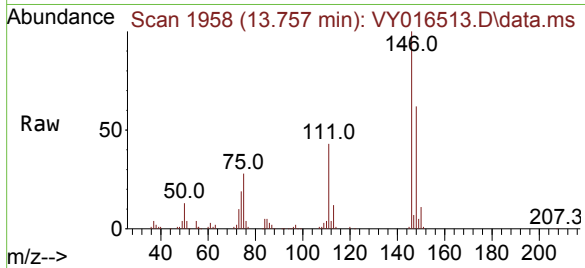




#91
1,2-Dichlorobenzene
Concen: 22.071 ug/l
RT: 13.757 min Scan# 1957
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

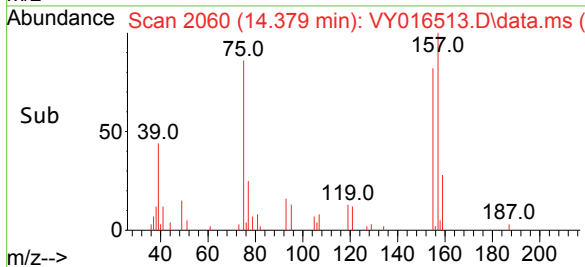
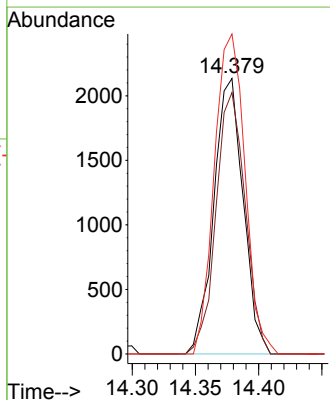
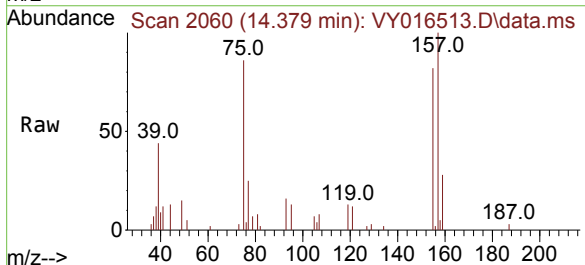
Instrument :
MSVOA_Y
ClientSampleId :

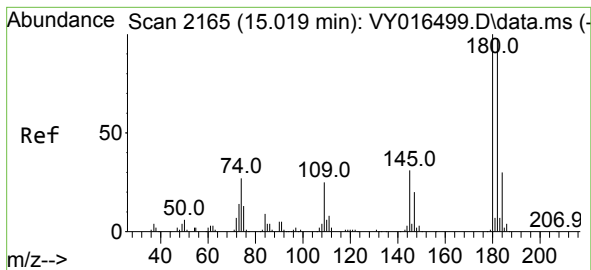
Tgt Ion:146 Resp: 61963
Ion Ratio Lower Upper
146 100
111 40.9 19.7 59.0
148 62.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.940 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.012 min
Lab File: VY016513.D
Acq: 28 Nov 2023 12:00

Tgt Ion: 75 Resp: 3451
Ion Ratio Lower Upper
75 100
155 94.2 41.5 124.6
157 120.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.752 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

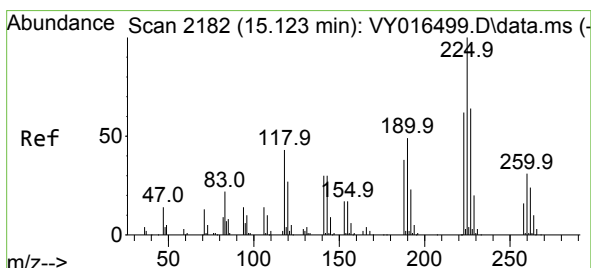
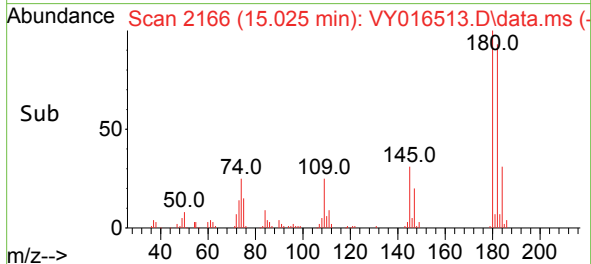
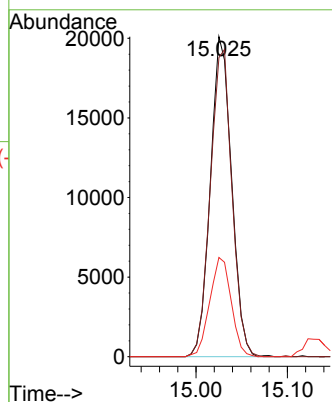
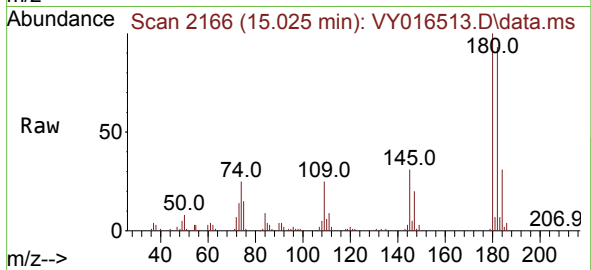
Tgt Ion:180 Resp: 32368

Ion Ratio Lower Upper

180 100

182 98.1 47.0 141.2

145 31.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 23.320 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

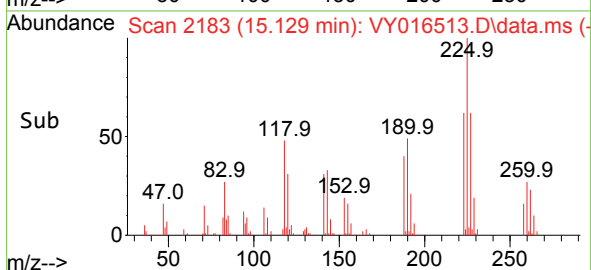
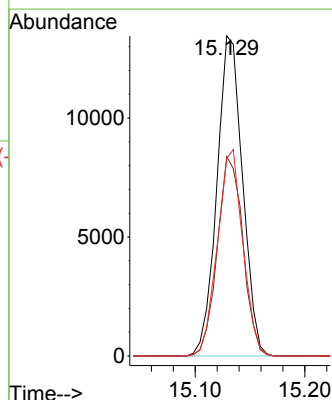
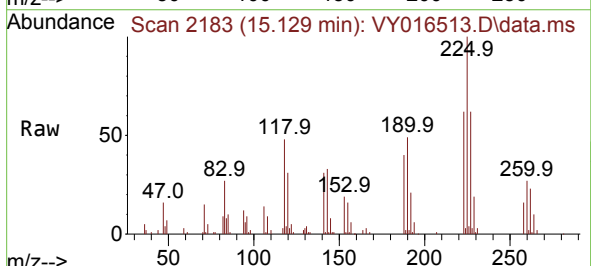
Tgt Ion:225 Resp: 21894

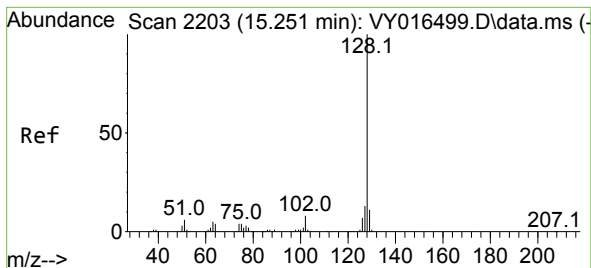
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 18.419 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY016513.D

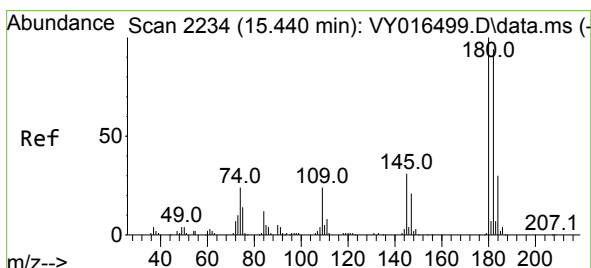
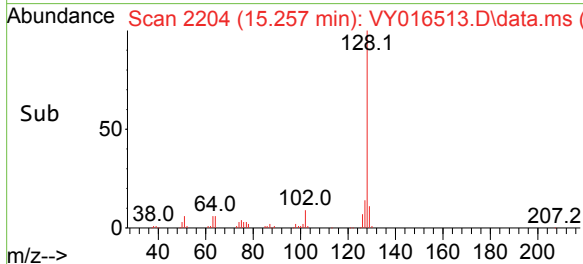
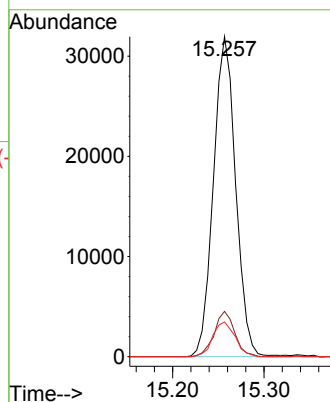
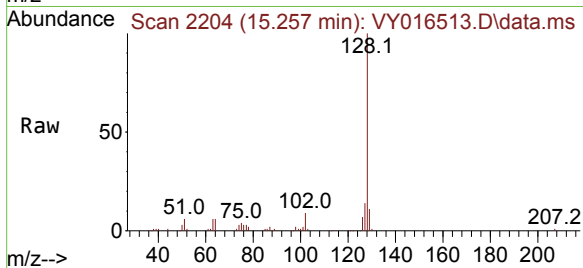
Acq: 28 Nov 2023 12:00

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	53983
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.8 16.2
129	10.9	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.647 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016513.D

Acq: 28 Nov 2023 12:00

Tgt Ion:180	Resp:	26630
Ion Ratio	Lower	Upper
180	100	
182	93.9	47.3 141.8
145	32.2	15.4 46.2

