

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021623\
 Data File : VY012629.D
 Acq On : 16 Feb 2023 11:23
 Operator : KP/MD
 Sample : VY0216SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0216SBS01

Quant Time: Feb 16 21:57:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	123888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	182188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	169123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95743	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84788	53.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.640%	
35) Dibromofluoromethane	7.716	113	72579	54.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.400%	
50) Toluene-d8	10.179	98	295223	53.458	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.920%	
62) 4-Bromofluorobenzene	12.477	95	102545	53.235	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	20674	21.612	ug/l	99
3) Chloromethane	2.113	50	19185	19.875	ug/l	98
4) Vinyl Chloride	2.247	62	24639	20.488	ug/l	97
5) Bromomethane	2.638	94	20096	21.231	ug/l	97
6) Chloroethane	2.784	64	17432	20.825	ug/l	98
7) Trichlorofluoromethane	3.119	101	53518	21.651	ug/l	100
8) Diethyl Ether	3.521	74	15767	21.512	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	26734	21.418	ug/l	98
10) Methyl Iodide	4.088	142	31100	19.219	ug/l	99
11) Tert butyl alcohol	4.936	59	20856	132.869	ug/l	96
12) 1,1-Dichloroethene	3.869	96	25227	20.454	ug/l	98
13) Acrolein	3.723	56	16743	90.404	ug/l	99
14) Allyl chloride	4.473	41	29865	19.860	ug/l	98
15) Acrylonitrile	5.155	53	38673	114.366	ug/l	99
16) Acetone	3.942	43	40013	105.527	ug/l	97
17) Carbon Disulfide	4.186	76	56515	17.667	ug/l	98
18) Methyl Acetate	4.479	43	20209	22.174	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	81036	22.454	ug/l	97
20) Methylene Chloride	4.716	84	34036	21.636	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	27873	20.722	ug/l	94
22) Diisopropyl ether	6.112	45	67003	21.913	ug/l	95
23) Vinyl Acetate	6.058	43	199307	108.125	ug/l	98
24) 1,1-Dichloroethane	6.015	63	46048	21.066	ug/l	98
25) 2-Butanone	6.984	43	46540	110.627	ug/l	98
26) 2,2-Dichloropropane	6.978	77	51632	21.499	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	32653	20.919	ug/l	98
28) Bromochloromethane	7.332	49	17037	21.442	ug/l	97
29) Tetrahydrofuran	7.344	42	25947	114.085	ug/l	95
30) Chloroform	7.502	83	57027	21.639	ug/l	96
31) Cyclohexane	7.783	56	34691	19.046	ug/l #	87
32) 1,1,1-Trichloroethane	7.698	97	56125	21.946	ug/l	99
36) 1,1-Dichloropropene	7.917	75	36862	20.528	ug/l	99
37) Ethyl Acetate	7.070	43	18454	22.775	ug/l	98
38) Carbon Tetrachloride	7.899	117	53220	22.079	ug/l	97
39) Methylcyclohexane	9.179	83	43801	20.271	ug/l	99
40) Benzene	8.155	78	113867	21.469	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	26515	59.730	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	39381	22.908	ug/l	99
43) Isopropyl Acetate	8.271	43	34066	22.676	ug/l	99
44) Trichloroethene	8.935	130	35637	22.073	ug/l	98
45) 1,2-Dichloropropane	9.209	63	24404	21.220	ug/l	99
46) Dibromomethane	9.301	93	16995	22.318	ug/l	100
47) Bromodichloromethane	9.496	83	43451	22.007	ug/l	96
48) Methyl methacrylate	9.289	41	14952	21.774	ug/l	93
49) 1,4-Dioxane	9.295	88	5369	510.747	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	94393	116.456	ug/l	100
52) Toluene	10.240	92	77821	21.637	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	44158	22.195	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	47219	21.931	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	26013	23.379	ug/l	96
56) Ethyl methacrylate	10.508	69	31807	22.753	ug/l	96
57) 1,3-Dichloropropane	10.788	76	40476	22.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	77683	123.632	ug/l	98
59) 2-Hexanone	10.831	43	70280	114.735	ug/l	99
60) Dibromochloromethane	10.984	129	34084	22.980	ug/l	97
61) 1,2-Dibromoethane	11.087	107	23712	22.744	ug/l	99
64) Tetrachloroethene	10.721	164	40216	22.777	ug/l	99
65) Chlorobenzene	11.514	112	88229	21.995	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	35256	22.429	ug/l	100
67) Ethyl Benzene	11.593	91	151155	21.464	ug/l	99
68) m/p-Xylenes	11.697	106	123771	44.032	ug/l	99
69) o-Xylene	12.026	106	59015	22.045	ug/l	100
70) Styrene	12.044	104	101528	22.363	ug/l	99
71) Bromoform	12.203	173	23860	24.014	ug/l #	99
73) Isopropylbenzene	12.331	105	161694	20.874	ug/l	99
74) N-amyl acetate	12.142	43	30683	21.882	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	27690	22.107	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	39798	37.206	ug/l #	100
77) Bromobenzene	12.605	156	40659	21.656	ug/l	96
78) n-propylbenzene	12.666	91	185681	20.826	ug/l	99
79) 2-Chlorotoluene	12.752	91	106858	21.113	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	141373	21.201	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	10224	21.554	ug/l	97
82) 4-Chlorotoluene	12.855	91	112730	21.232	ug/l	100
83) tert-Butylbenzene	13.075	119	124529	21.296	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	139118	21.203	ug/l	99
85) sec-Butylbenzene	13.251	105	178380	21.323	ug/l	99
86) p-Isopropyltoluene	13.367	119	158041	21.777	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	81250	21.750	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	81490	21.778	ug/l	98
89) n-Butylbenzene	13.696	91	133155	21.468	ug/l	99
90) Hexachloroethane	13.959	117	28339	21.274	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	74359	22.127	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5645	22.648	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	47946	23.026	ug/l	99
94) Hexachlorobutadiene	15.111	225	29957	23.159	ug/l	99
95) Naphthalene	15.233	128	95330	23.849	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	42384	23.515	ug/l	98

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QLast Update : Wed Feb 08 01:09:03 2023
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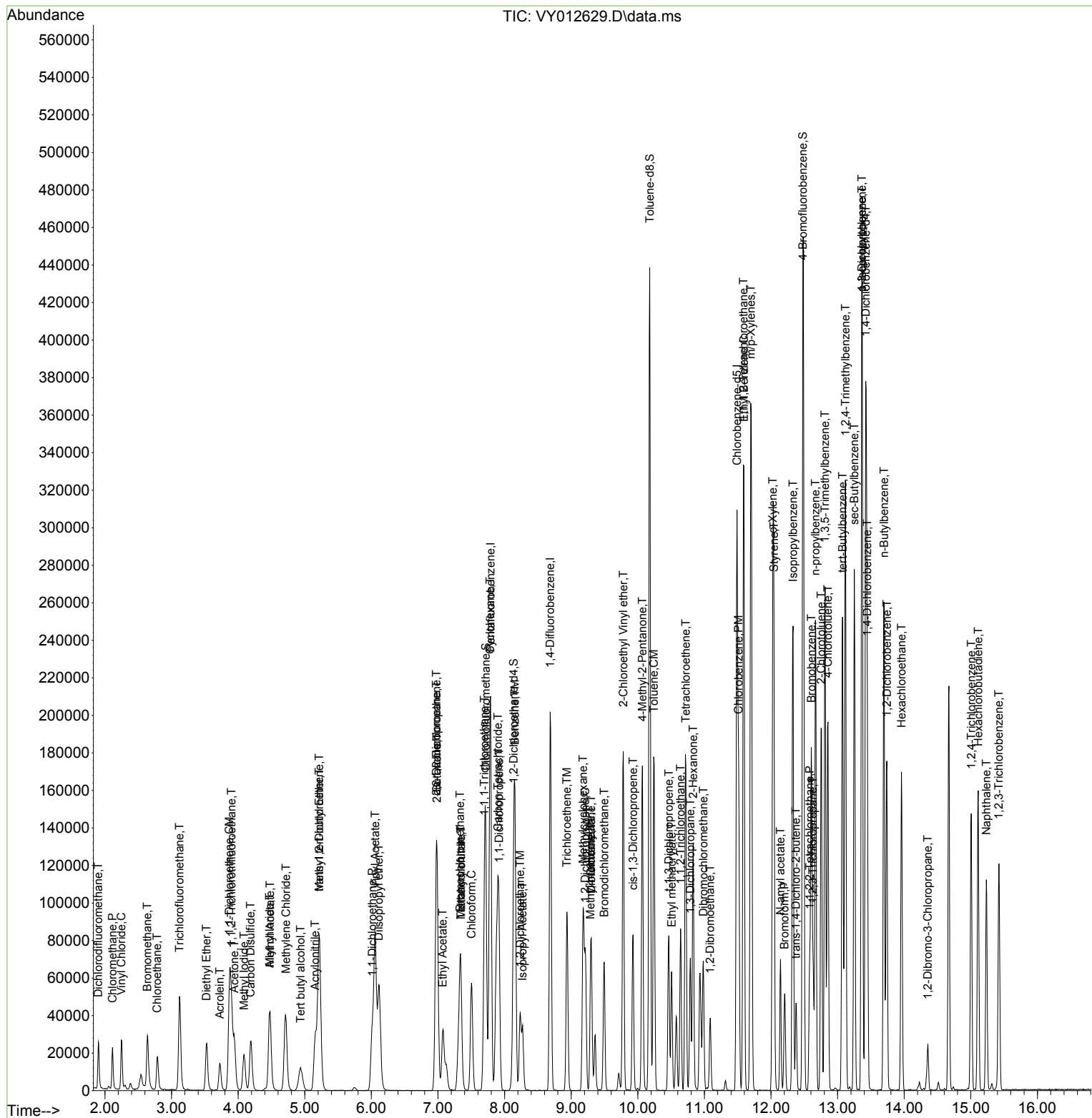
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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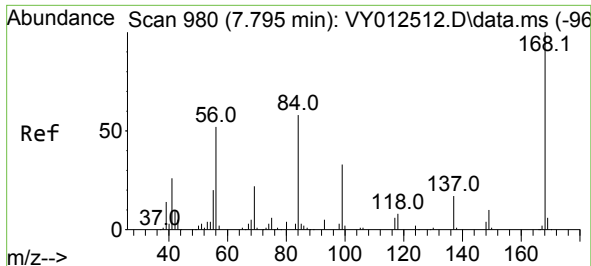
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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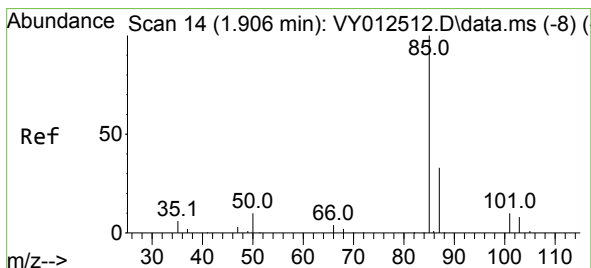
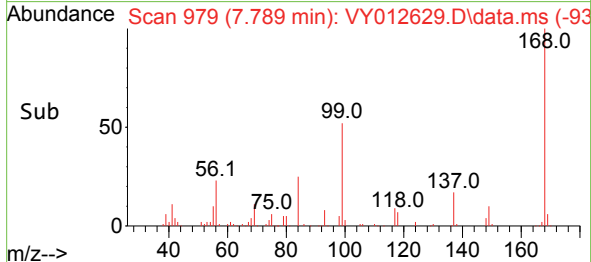
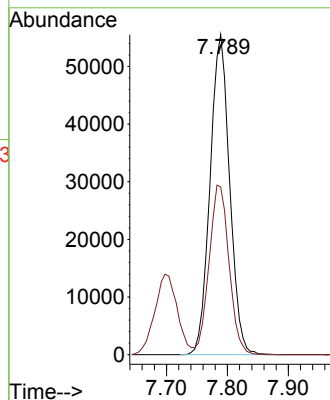
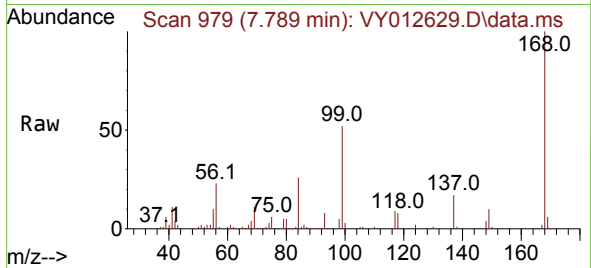




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012629.D
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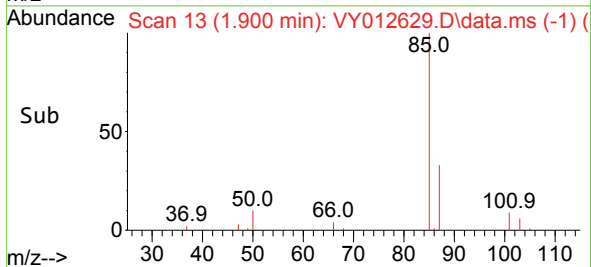
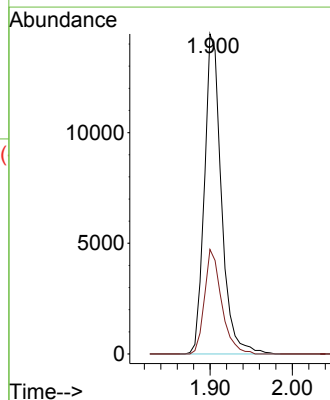
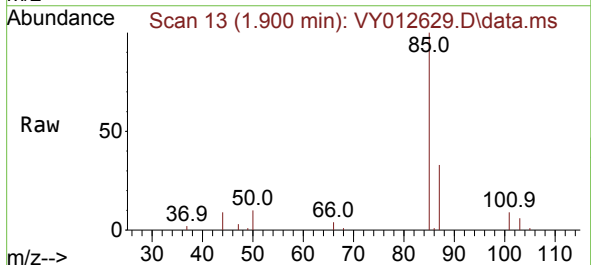
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

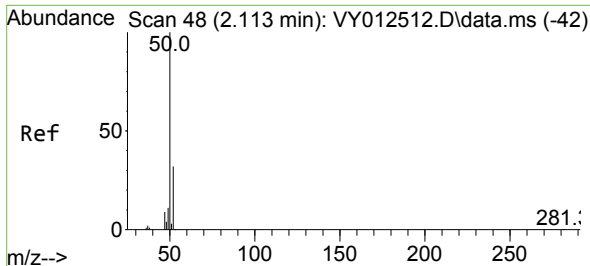
Tgt Ion:168 Resp: 123888
Ion Ratio Lower Upper
168 100
99 52.4 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 21.612 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 85 Resp: 20674
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.8

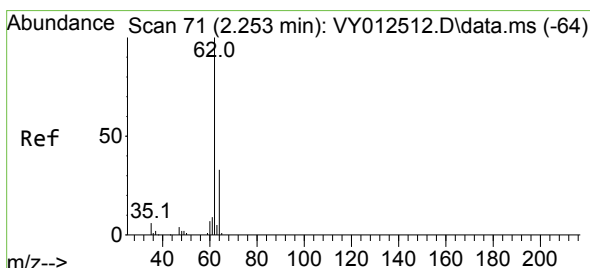
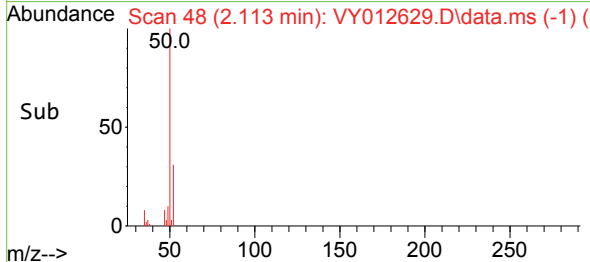
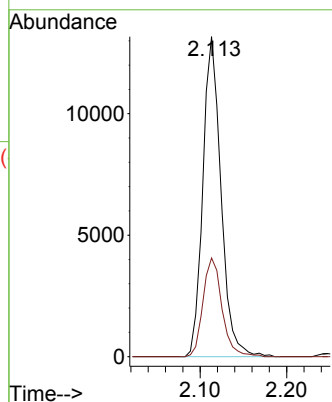
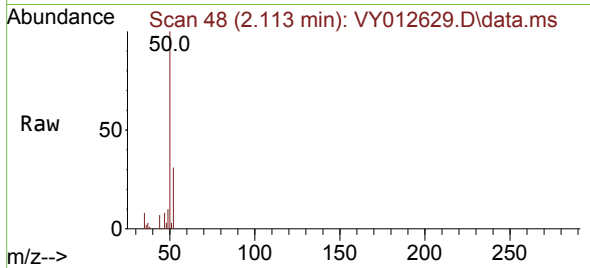




#3
Chloromethane
Concen: 19.875 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

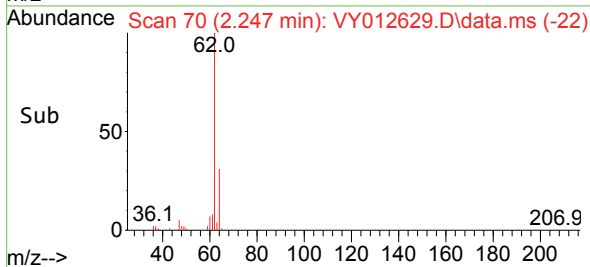
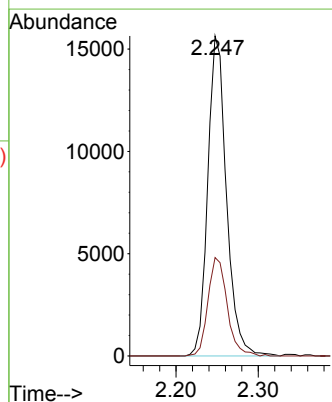
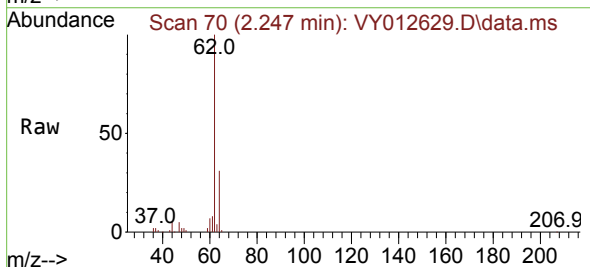
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VY0216SBSD01

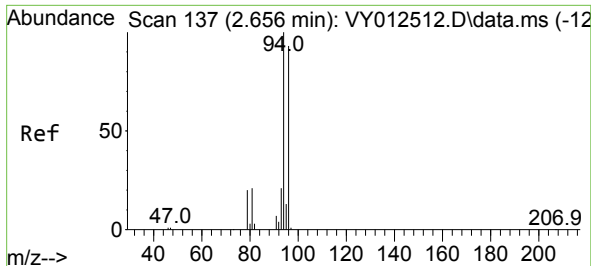
Tgt Ion: 50 Resp: 19185
Ion Ratio Lower Upper
50 100
52 30.8 25.8 38.6



#4
Vinyl Chloride
Concen: 20.488 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 62 Resp: 24639
Ion Ratio Lower Upper
62 100
64 30.8 26.1 39.1

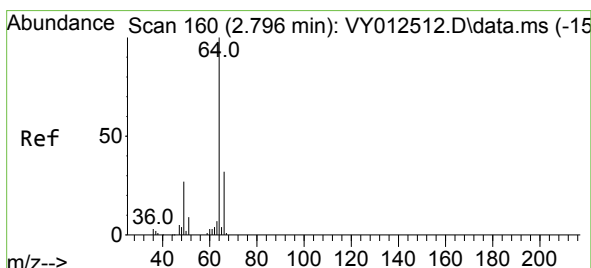
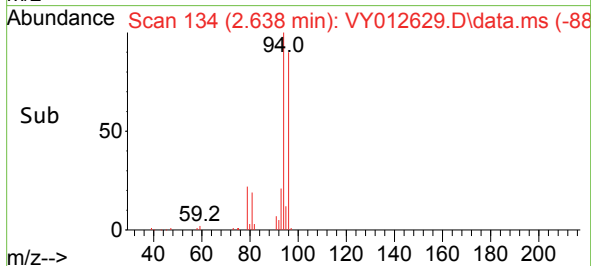
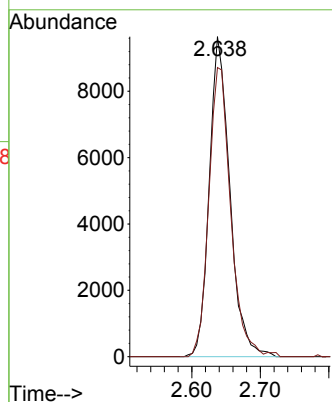
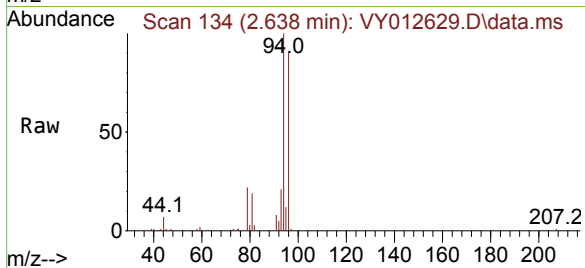




#5
Bromomethane
Concen: 21.231 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

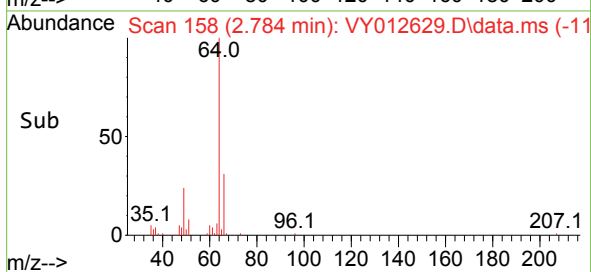
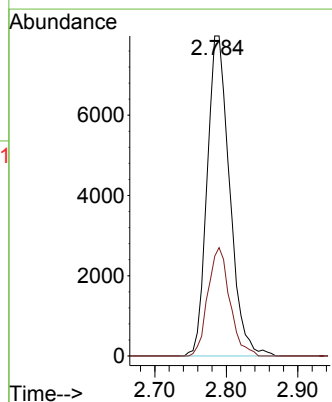
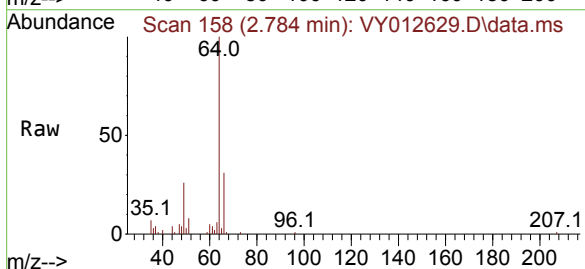
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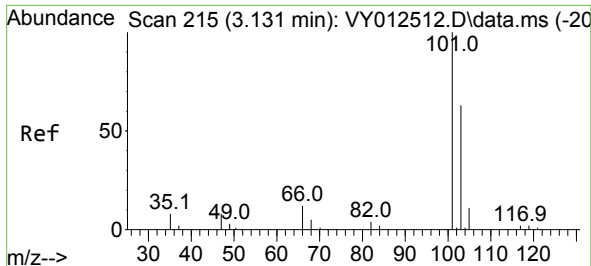
Tgt Ion: 94 Resp: 20096
Ion Ratio Lower Upper
94 100
96 90.4 74.7 112.1



#6
Chloroethane
Concen: 20.825 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY012629.D
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Tgt Ion: 64 Resp: 17432
Ion Ratio Lower Upper
64 100
66 31.2 25.7 38.5

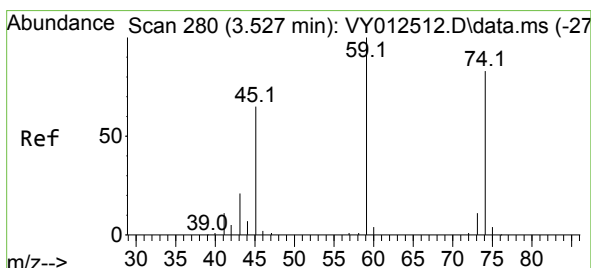
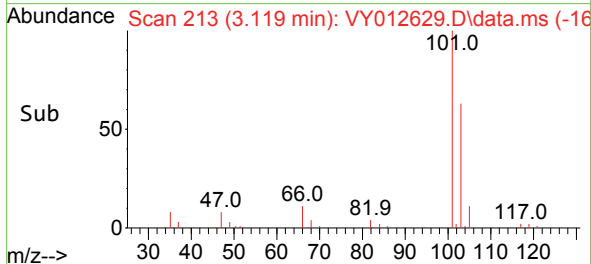
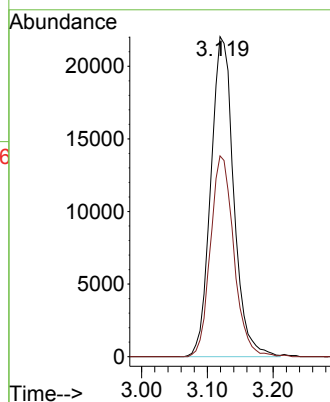
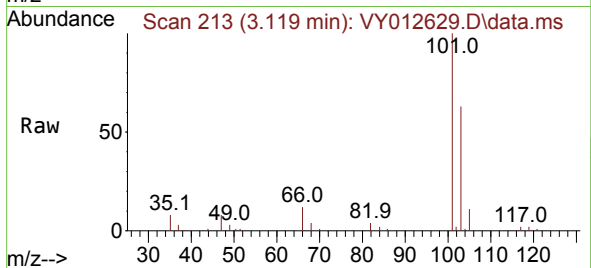




#7
 Trichlorofluoromethane
 Concen: 21.651 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY012629.D
 Acq: 16 Feb 2023 11:23

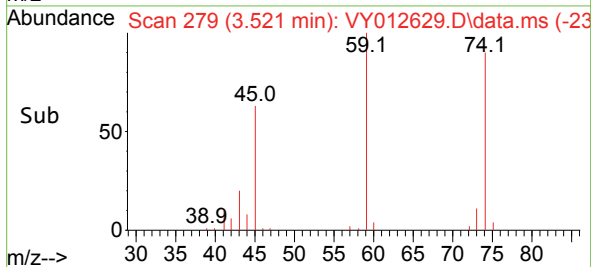
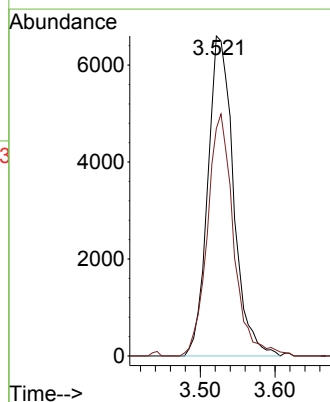
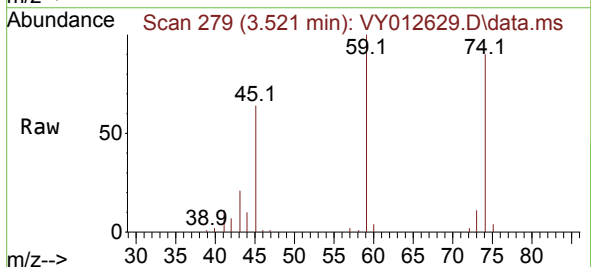
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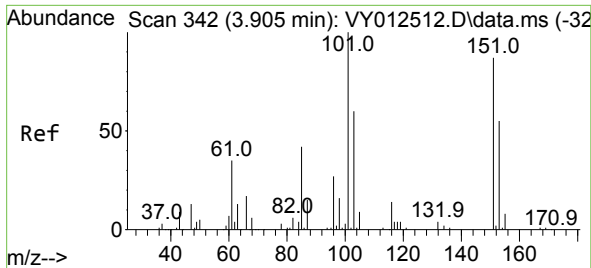
Tgt Ion:101 Resp: 53518
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.1 75.1



#8
 Diethyl Ether
 Concen: 21.512 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY012629.D
 Acq: 16 Feb 2023 11:23

Tgt Ion: 74 Resp: 15767
 Ion Ratio Lower Upper
 74 100
 45 76.9 37.8 113.4

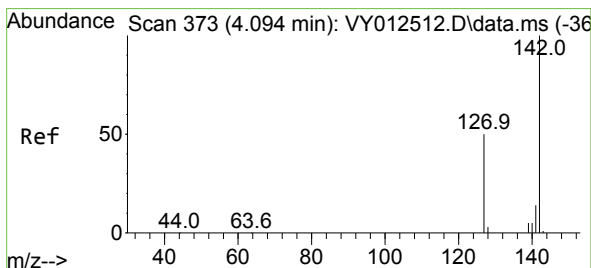
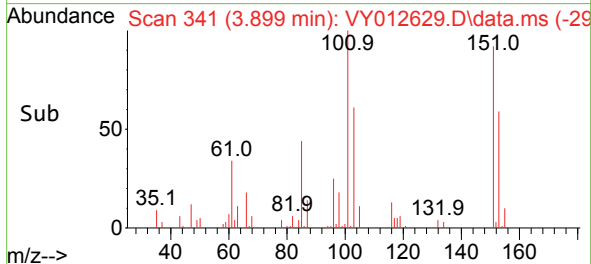
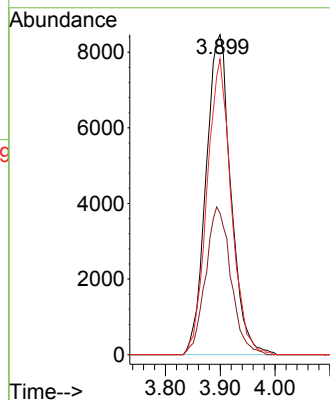
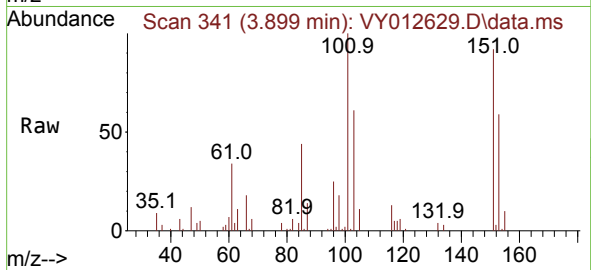




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.418 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

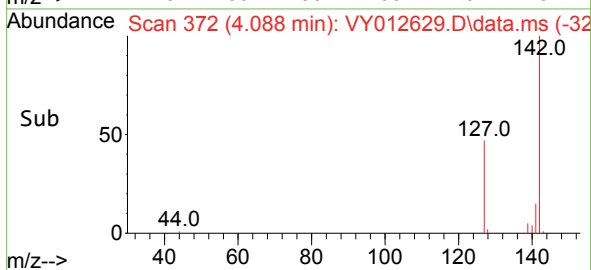
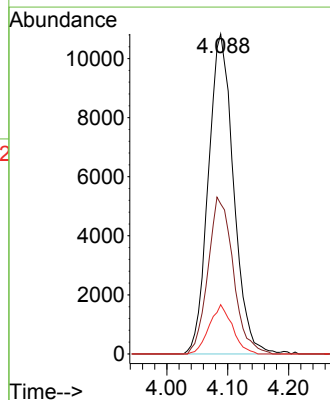
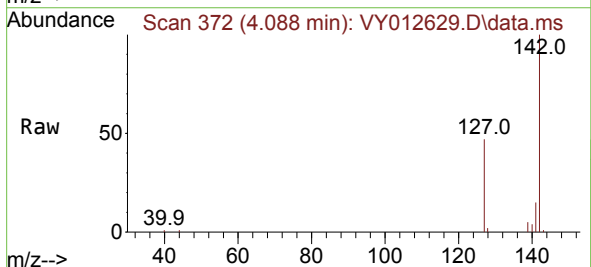
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

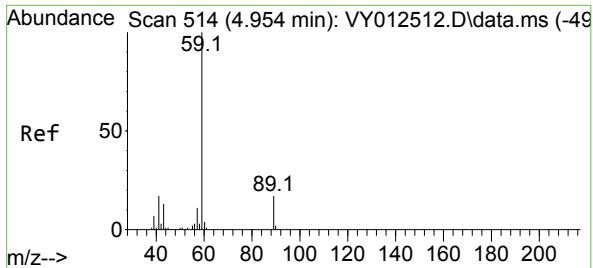
Tgt Ion:101 Resp: 26734
Ion Ratio Lower Upper
101 100
85 46.8 36.1 54.1
151 89.9 70.7 106.1



#10
Methyl Iodide
Concen: 19.219 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion:142 Resp: 31100
Ion Ratio Lower Upper
142 100
127 49.1 39.8 59.6
141 14.2 11.6 17.4

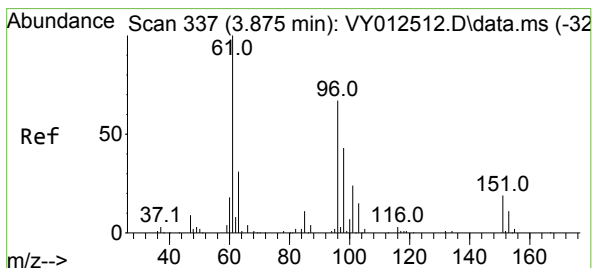
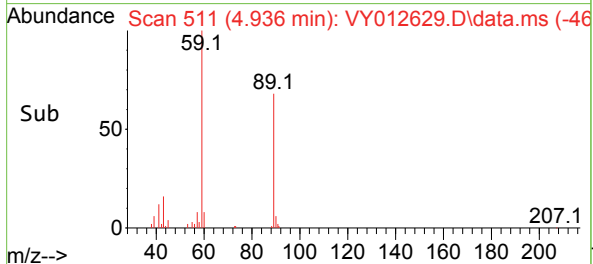
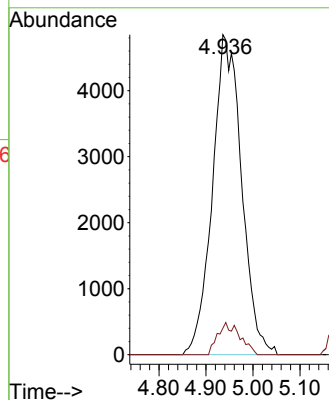
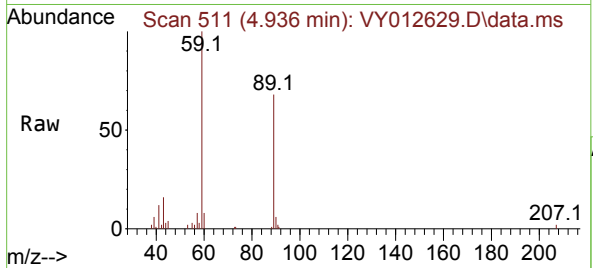




#11
Tert butyl alcohol
Concen: 132.869 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

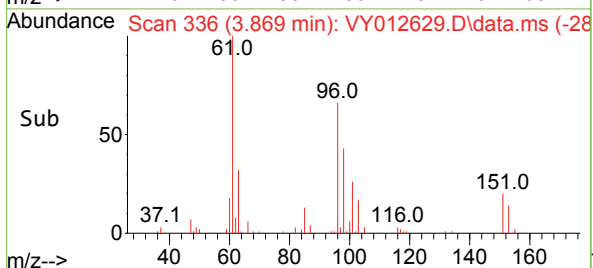
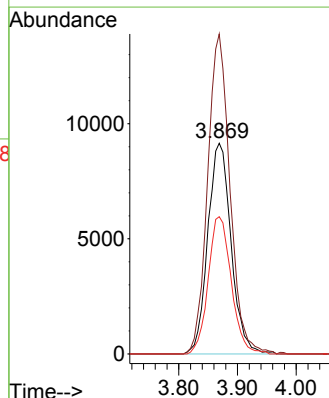
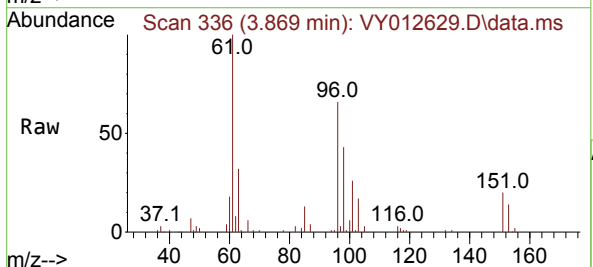
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

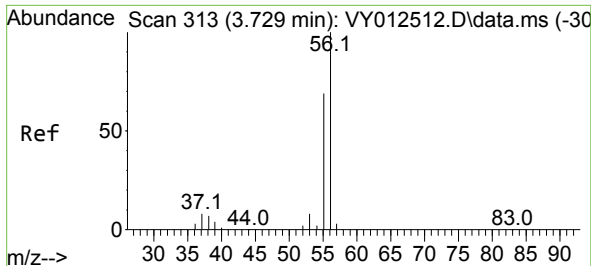
Tgt Ion: 59 Resp: 20856
Ion Ratio Lower Upper
59 100
57 7.6 7.2 10.8



#12
1,1-Dichloroethene
Concen: 20.454 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 96 Resp: 25227
Ion Ratio Lower Upper
96 100
61 151.9 119.4 179.2
98 65.2 51.9 77.9





#13

Acrolein

Concen: 90.404 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

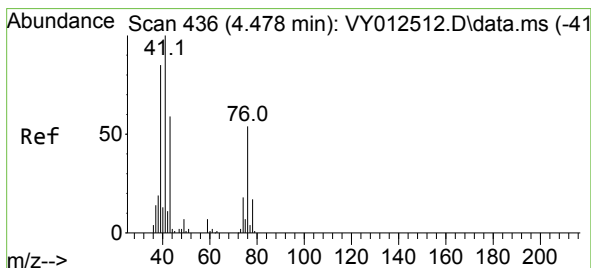
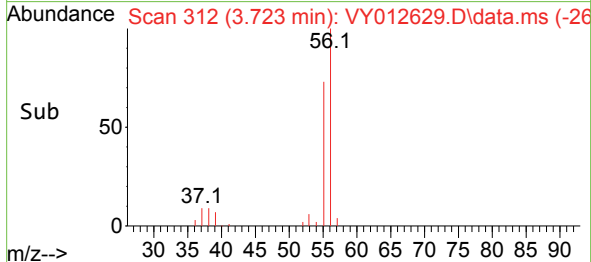
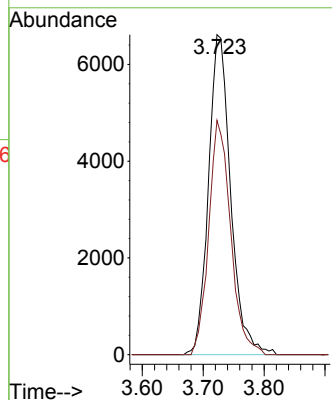
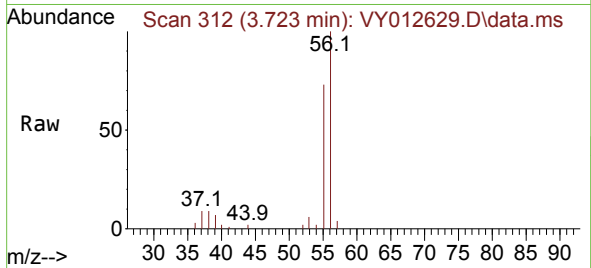
VY0216SBS01

Tgt Ion: 56 Resp: 16743

Ion Ratio Lower Upper

56 100

55 72.3 57.0 85.4



#14

Allyl chloride

Concen: 19.860 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

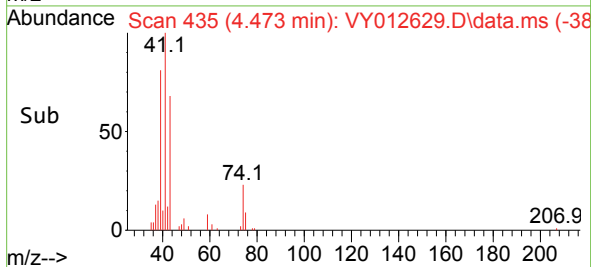
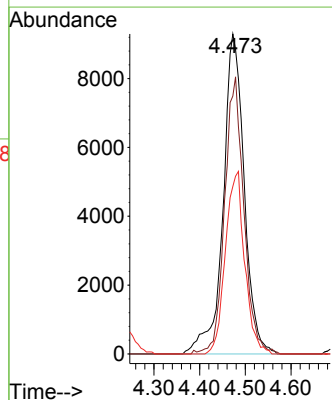
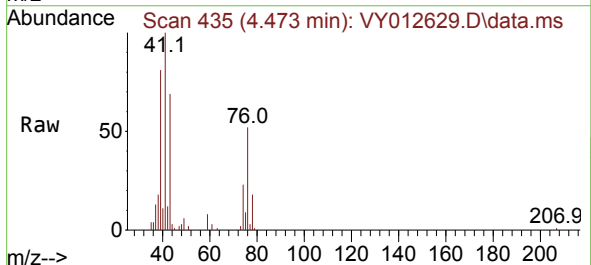
Tgt Ion: 41 Resp: 29865

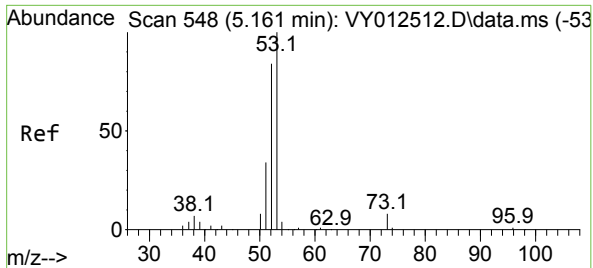
Ion Ratio Lower Upper

41 100

39 78.6 62.6 94.0

76 52.1 39.6 59.4

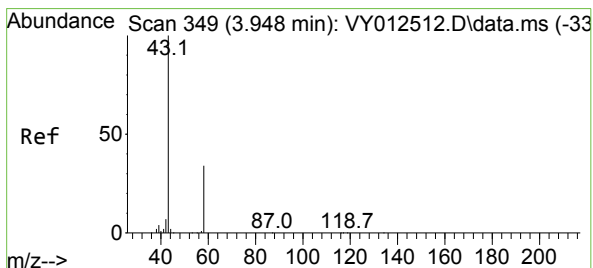
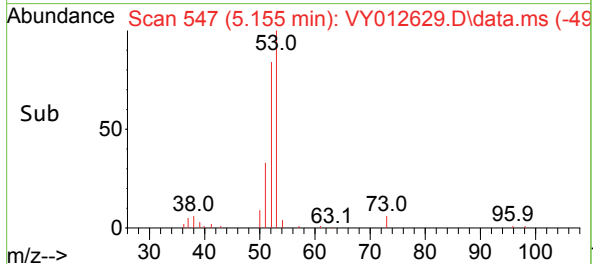
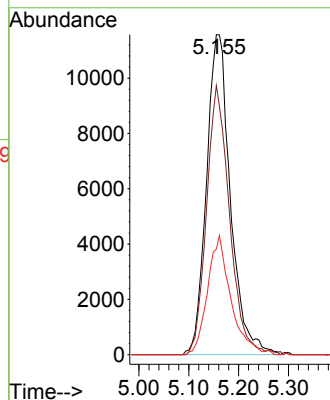
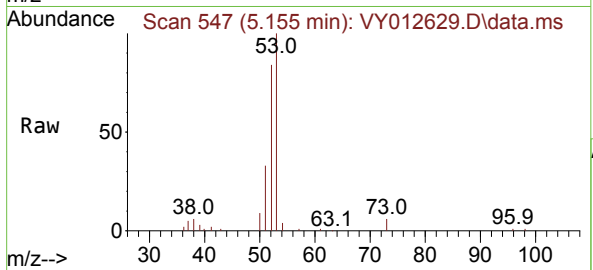




#15
Acrylonitrile
Concen: 114.366 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

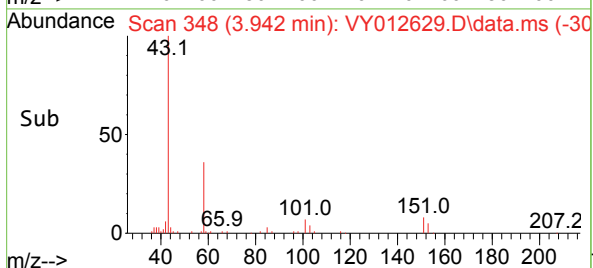
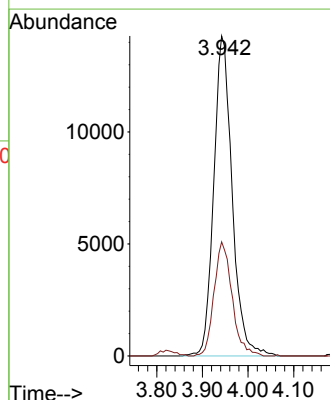
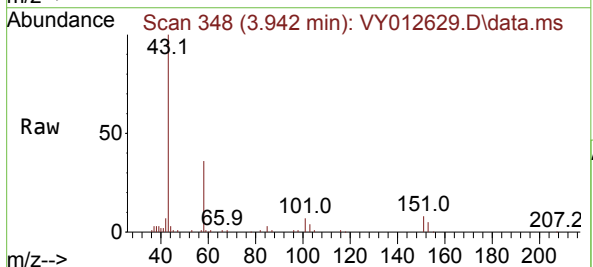
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD01

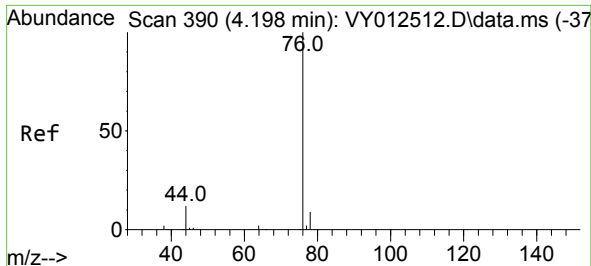
Tgt Ion: 53 Resp: 38673
Ion Ratio Lower Upper
53 100
52 80.7 65.0 97.4
51 36.3 28.7 43.1



#16
Acetone
Concen: 105.527 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 43 Resp: 40013
Ion Ratio Lower Upper
43 100
58 35.6 27.1 40.7

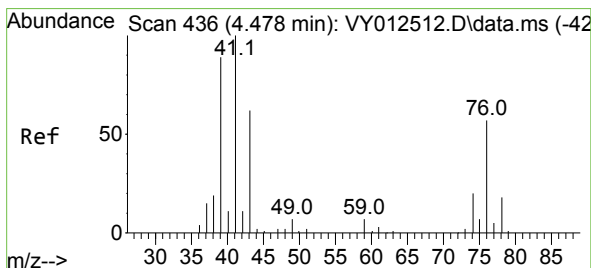
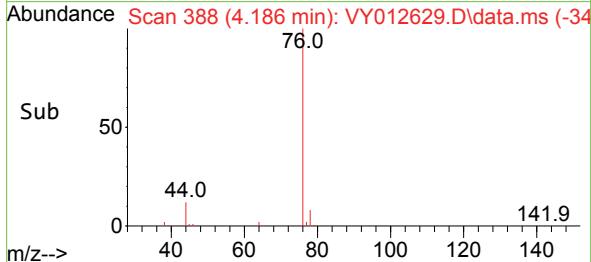
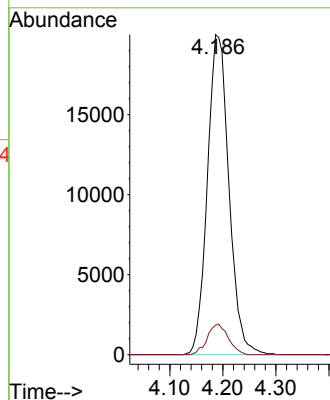
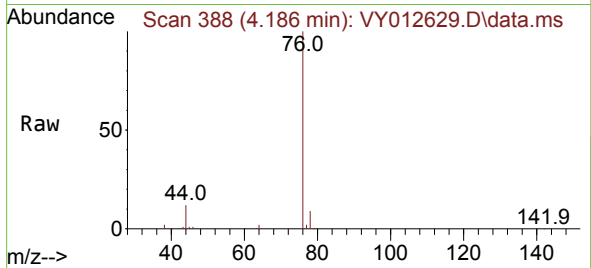




#17
Carbon Disulfide
Concen: 17.667 ug/l
RT: 4.186 min Scan# 390
Delta R.T. -0.012 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

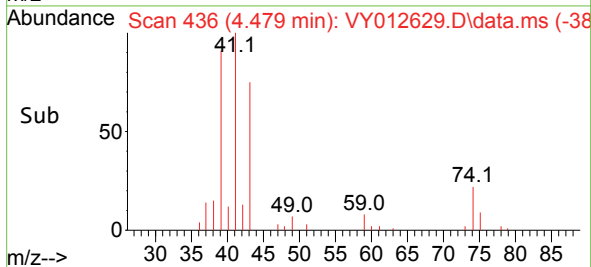
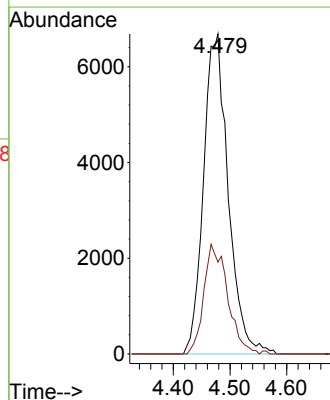
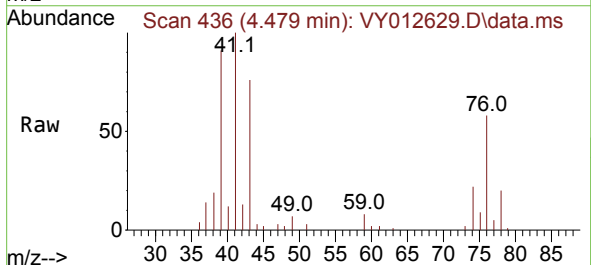
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

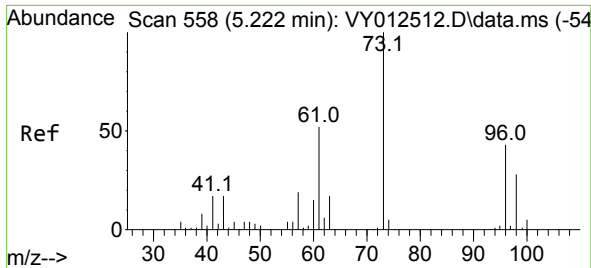
Tgt Ion: 76 Resp: 56515
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3



#18
Methyl Acetate
Concen: 22.174 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 43 Resp: 20209
Ion Ratio Lower Upper
43 100
74 32.9 25.6 38.4

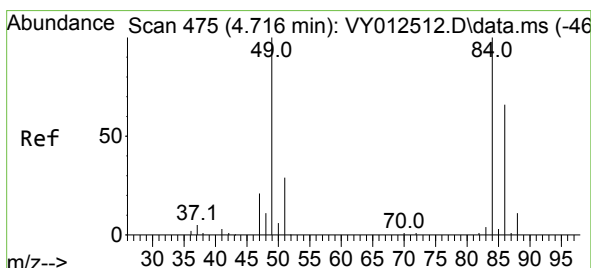
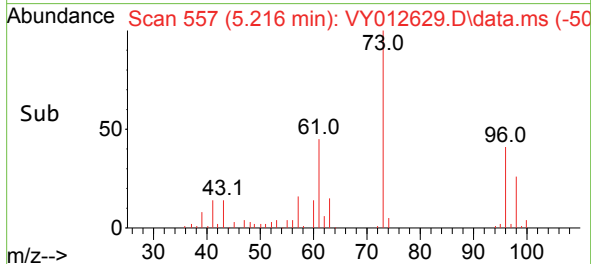
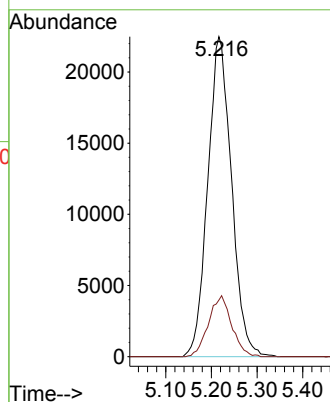
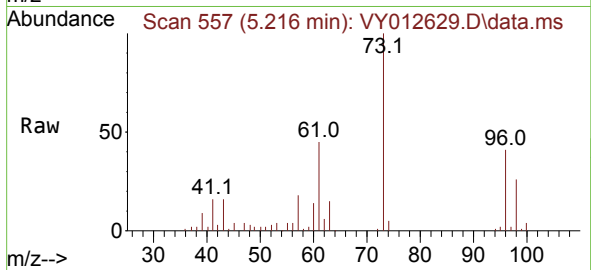




#19
Methyl tert-butyl Ether
Concen: 22.454 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

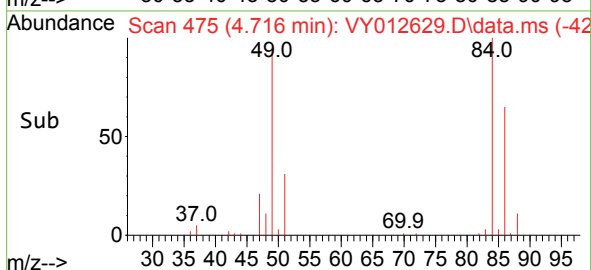
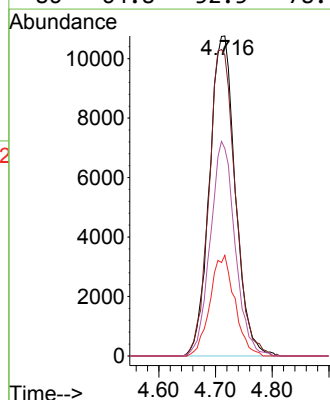
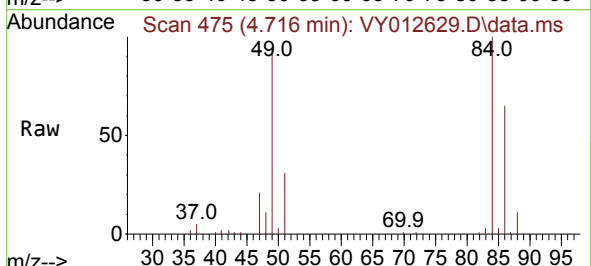
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

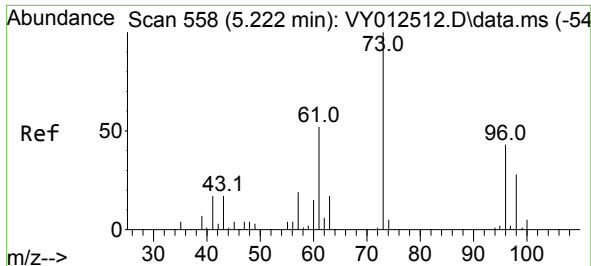
Tgt Ion: 73 Resp: 81036
Ion Ratio Lower Upper
73 100
57 17.7 15.3 22.9



#20
Methylene Chloride
Concen: 21.636 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 84 Resp: 34036
Ion Ratio Lower Upper
84 100
49 94.0 79.8 119.6
51 31.4 23.4 35.2
86 64.8 52.5 78.7

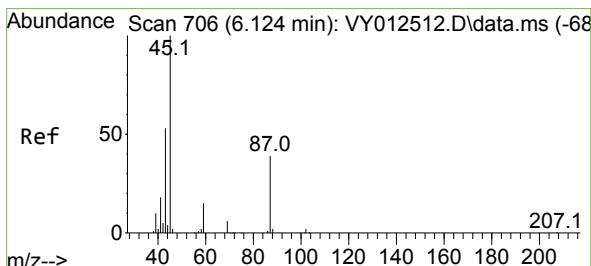
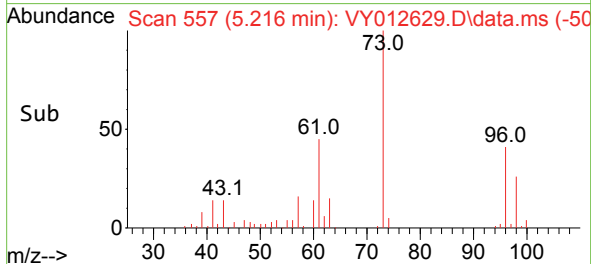
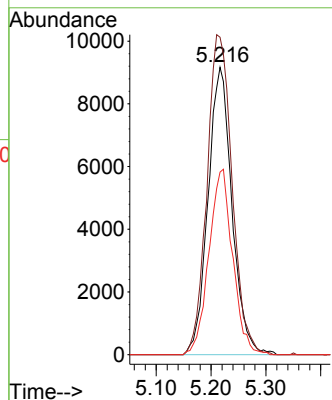
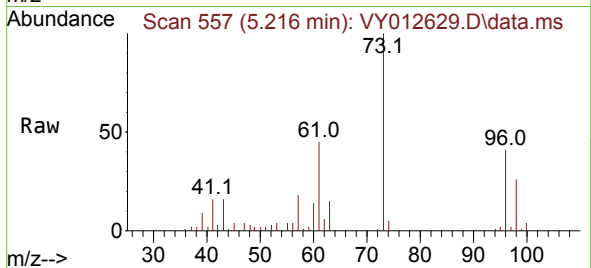




#21
trans-1,2-Dichloroethene
Concen: 20.722 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

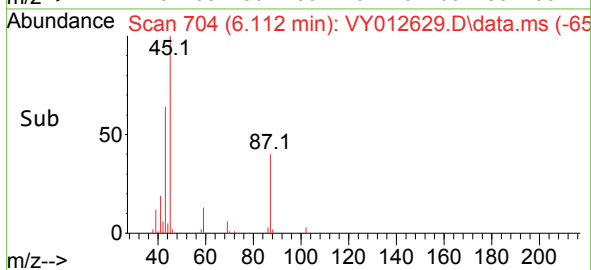
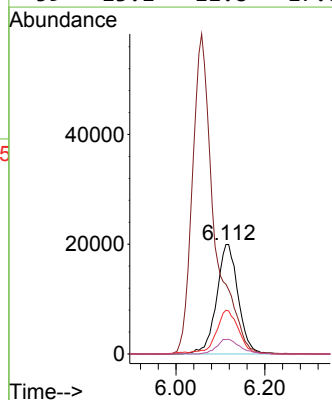
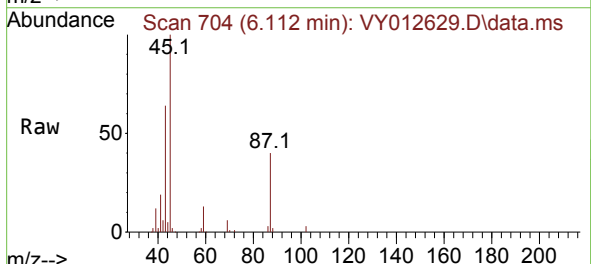
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

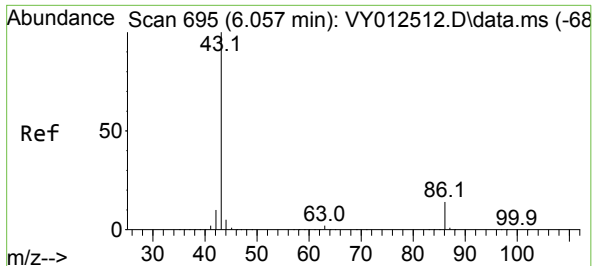
Tgt Ion: 96 Resp: 27873
Ion Ratio Lower Upper
96 100
61 110.4 96.2 144.4
98 63.5 51.6 77.4



#22
Diisopropyl ether
Concen: 21.913 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 45 Resp: 67003
Ion Ratio Lower Upper
45 100
43 63.4 45.9 68.9
87 39.9 32.2 48.4
59 13.1 11.8 17.8

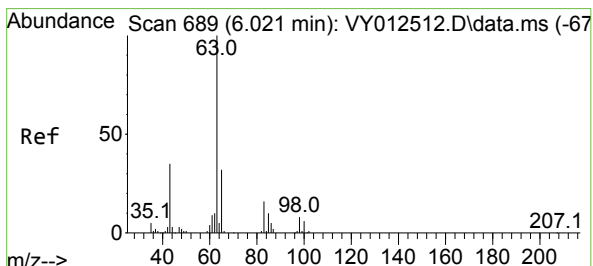
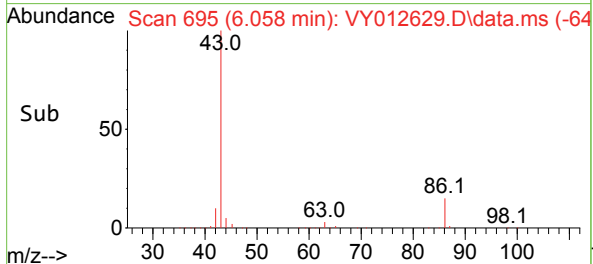
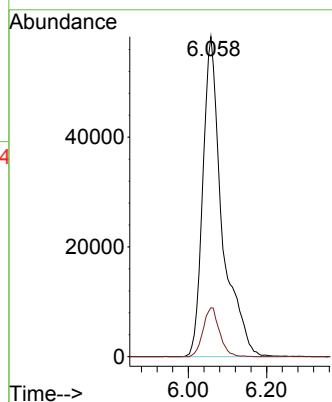
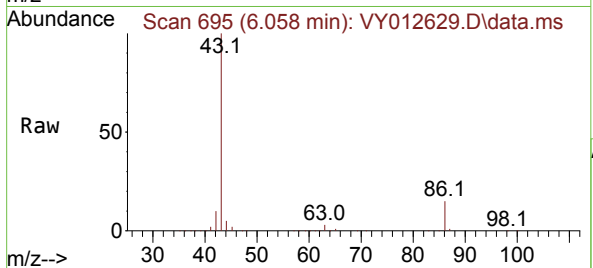




#23
 Vinyl Acetate
 Concen: 108.125 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012629.D
 Acq: 16 Feb 2023 11:23

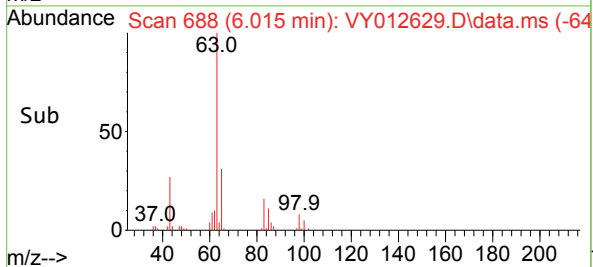
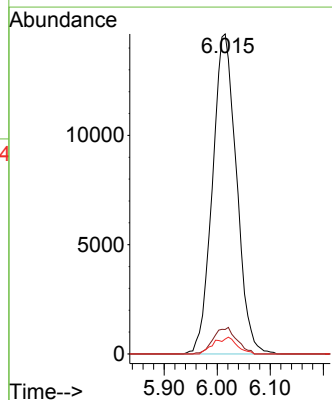
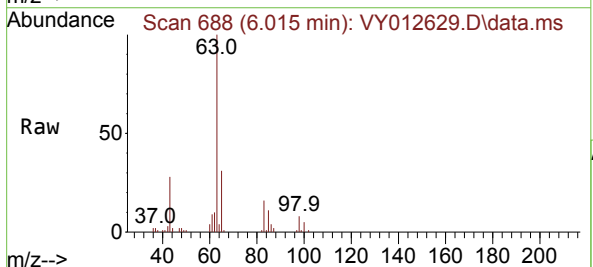
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0216SBSD01

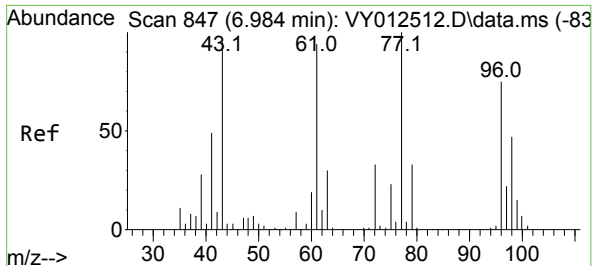
Tgt Ion: 43 Resp: 199307
 Ion Ratio Lower Upper
 43 100
 86 15.3 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 21.066 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012629.D
 Acq: 16 Feb 2023 11:23

Tgt Ion: 63 Resp: 46048
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.1 12.3
 100 4.7 2.9 8.8





#25

2-Butanone

Concen: 110.627 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

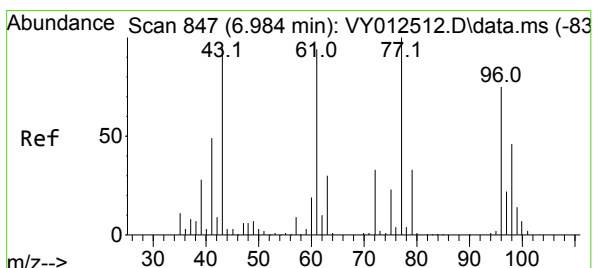
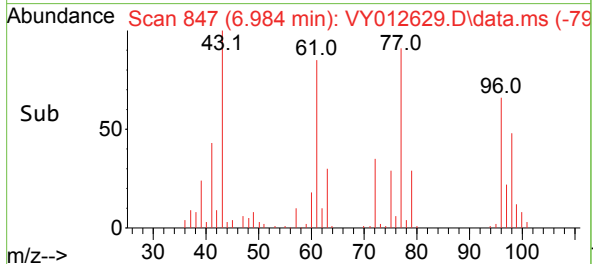
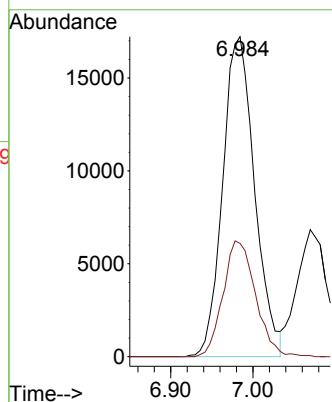
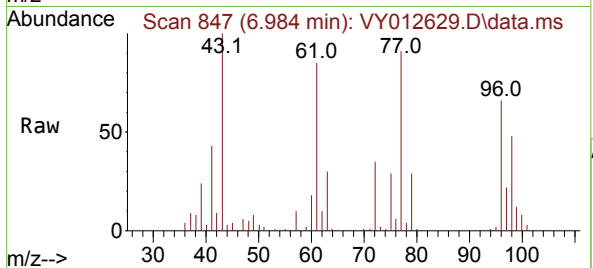
VY0216SBSD01

Tgt Ion: 43 Resp: 46540

Ion Ratio Lower Upper

43 100

72 35.4 27.4 41.2



#26

2,2-Dichloropropane

Concen: 21.499 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012629.D

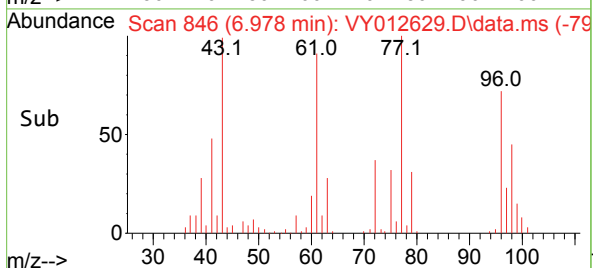
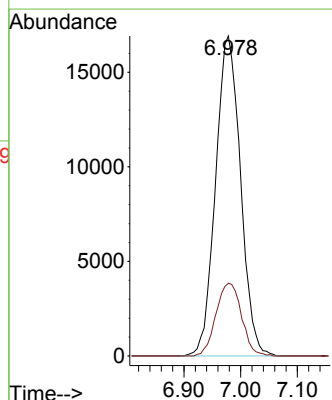
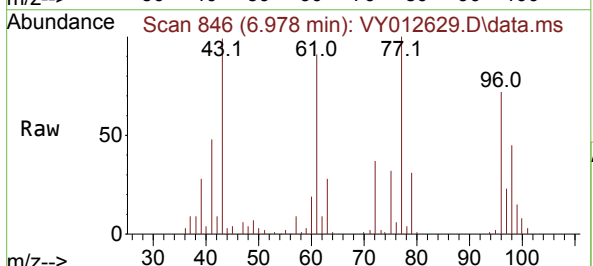
Acq: 16 Feb 2023 11:23

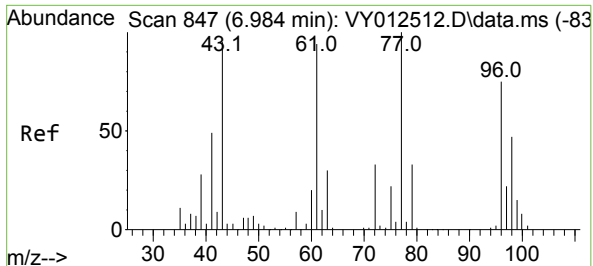
Tgt Ion: 77 Resp: 51632

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.919 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

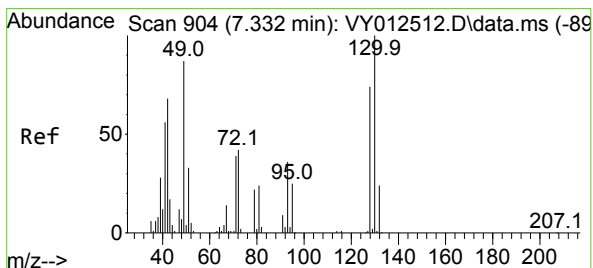
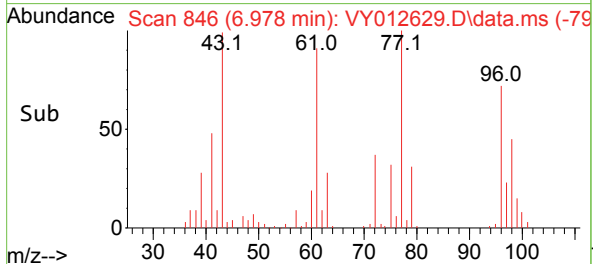
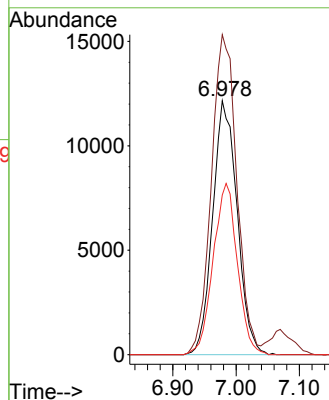
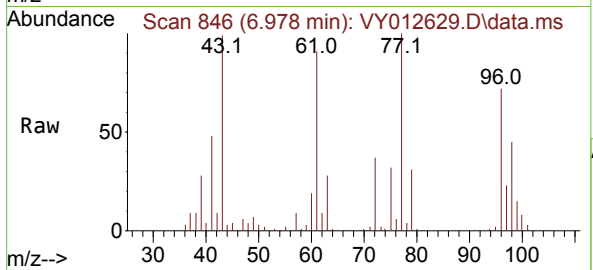
Tgt Ion: 96 Resp: 32653

Ion Ratio Lower Upper

96 100

61 130.9 0.0 259.2

98 66.8 0.0 129.0



#28

Bromochloromethane

Concen: 21.442 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

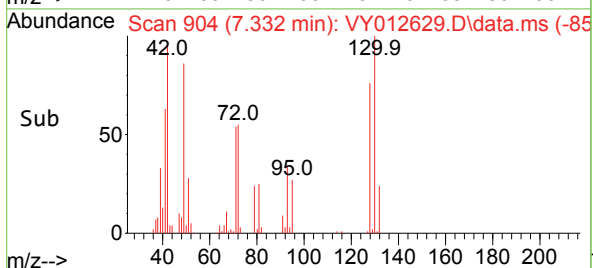
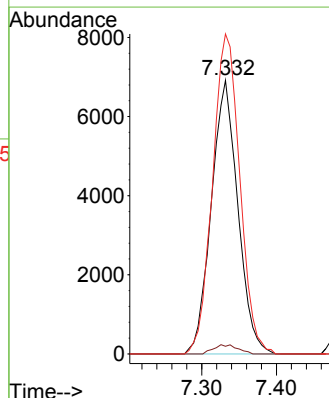
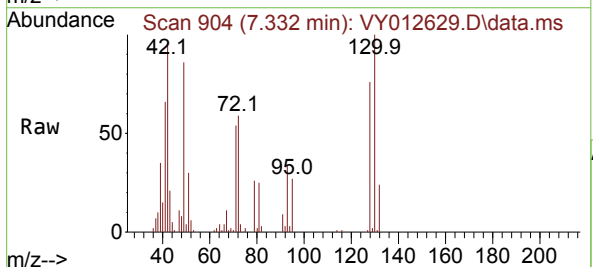
Tgt Ion: 49 Resp: 17037

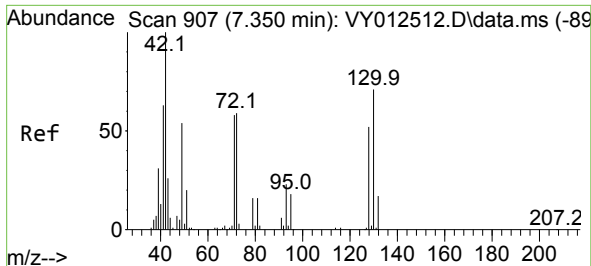
Ion Ratio Lower Upper

49 100

129 3.1 0.0 6.0

130 120.2 93.1 139.7





#29

Tetrahydrofuran

Concen: 114.085 ug/l

RT: 7.344 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

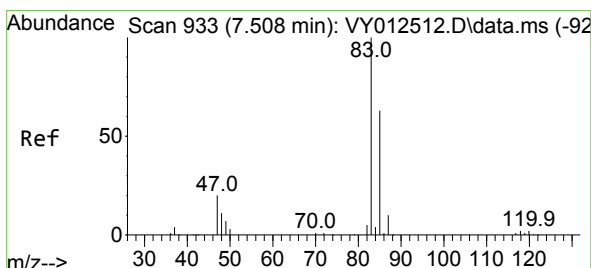
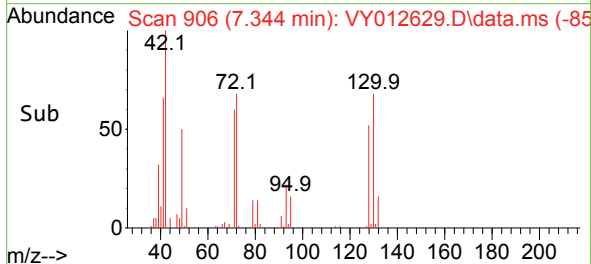
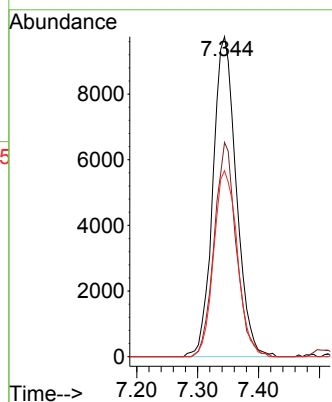
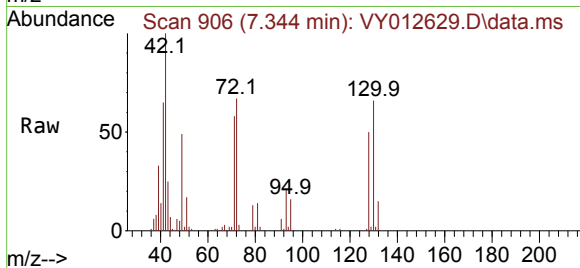
Tgt Ion: 42 Resp: 25947

Ion Ratio Lower Upper

42 100

72 63.1 47.0 70.6

71 59.0 44.6 66.8



#30

Chloroform

Concen: 21.639 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012629.D

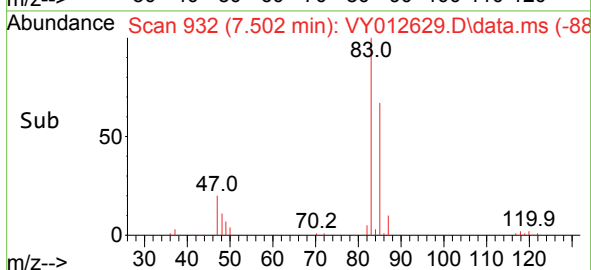
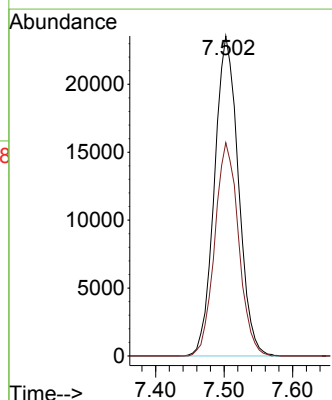
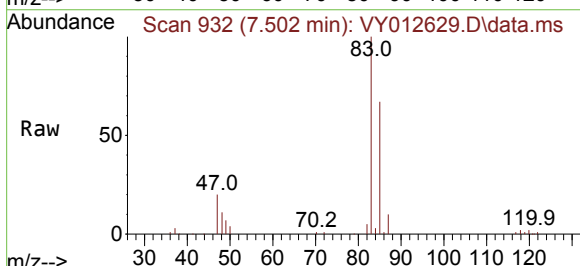
Acq: 16 Feb 2023 11:23

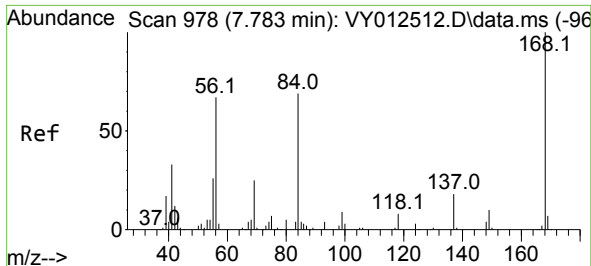
Tgt Ion: 83 Resp: 57027

Ion Ratio Lower Upper

83 100

85 66.7 50.8 76.2

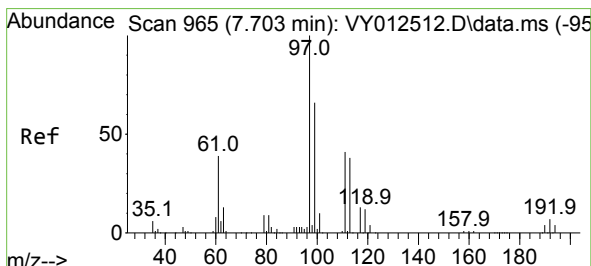
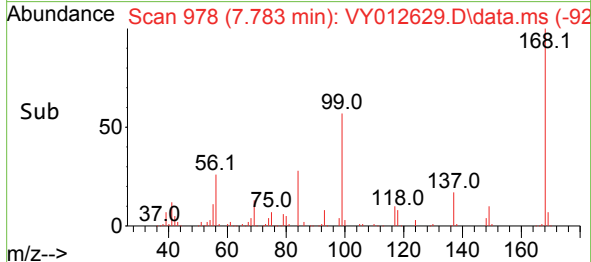
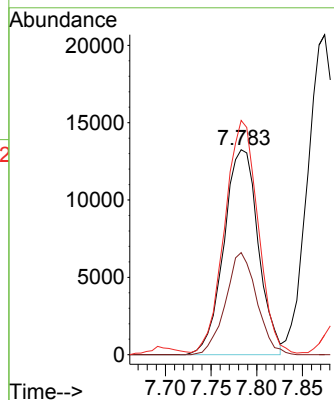
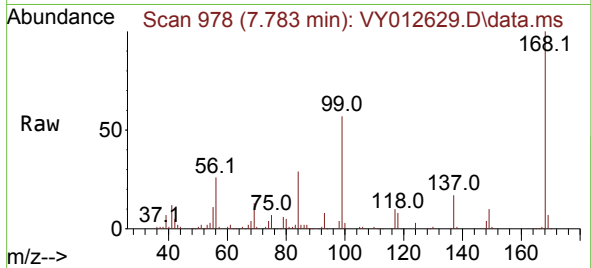




#31
Cyclohexane
Concen: 19.046 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

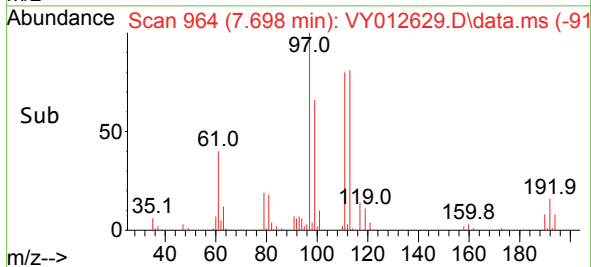
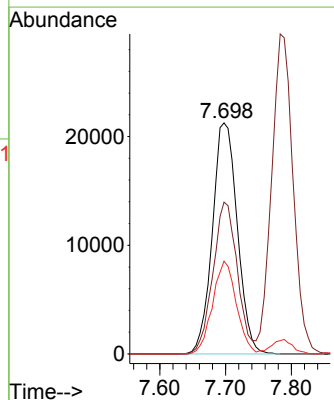
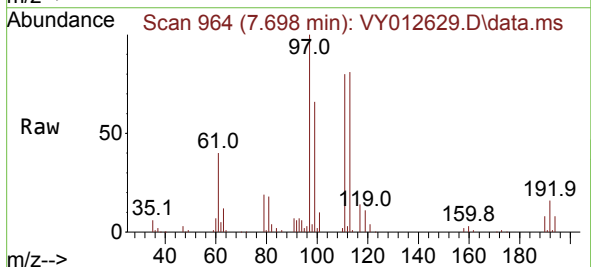
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

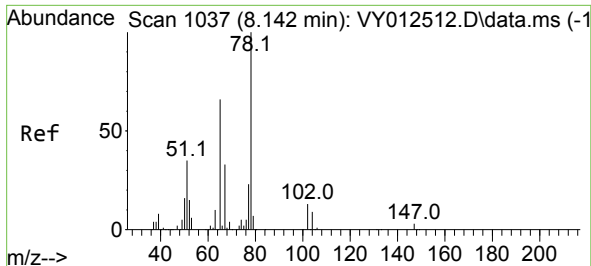
Tgt Ion: 56 Resp: 34691
Ion Ratio Lower Upper
56 100
69 49.8 29.5 44.3#
84 112.4 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 21.946 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 97 Resp: 56125
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 38.2 30.5 45.7

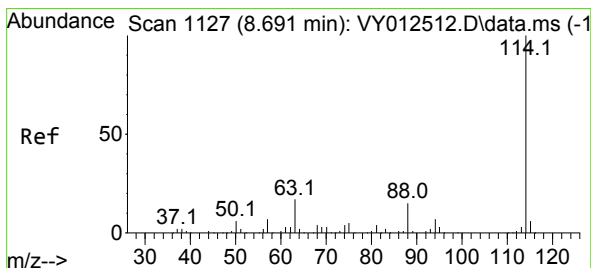
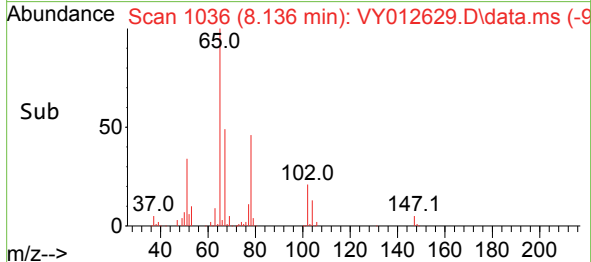
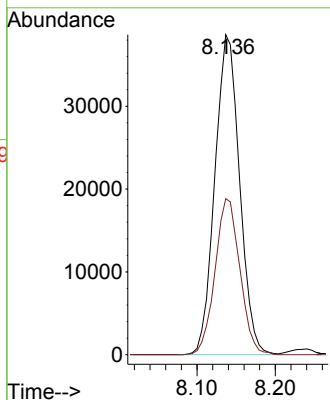
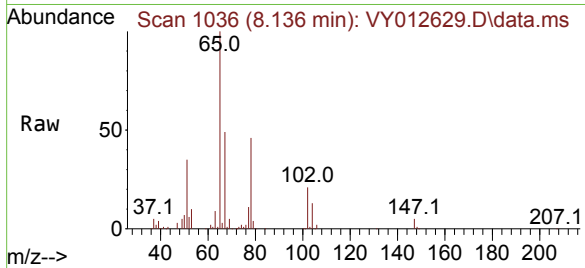




#33
 1,2-Dichloroethane-d4
 Concen: 53.820 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VY012629.D
 Acq: 16 Feb 2023 11:23

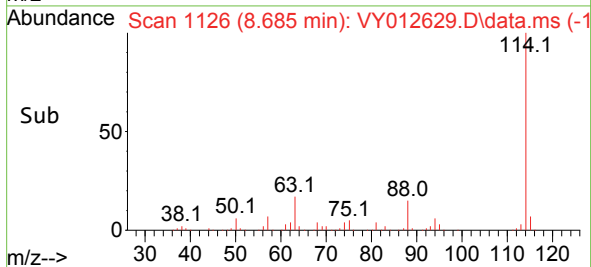
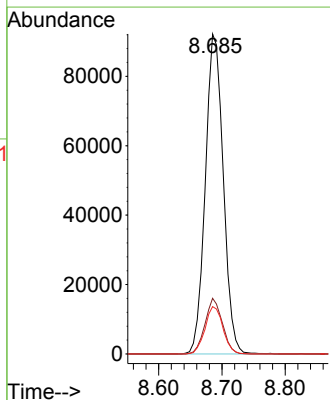
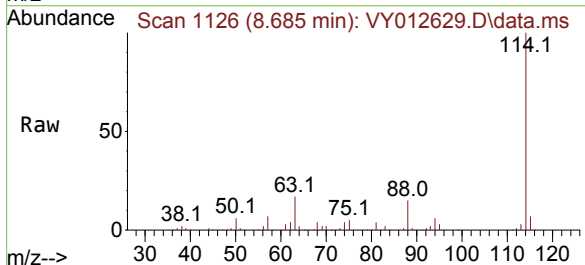
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0216SBSD01

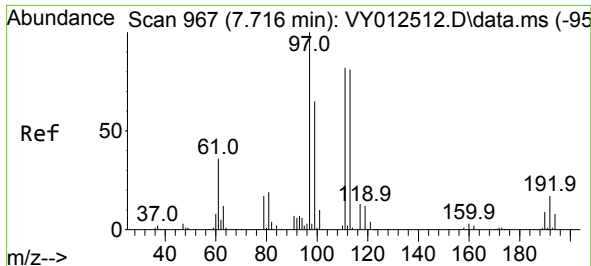
Tgt Ion: 65 Resp: 84788
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY012629.D
 Acq: 16 Feb 2023 11:23

Tgt Ion:114 Resp: 182188
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.6
 88 14.8 0.0 29.8

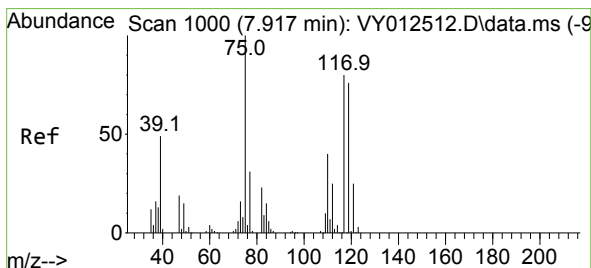
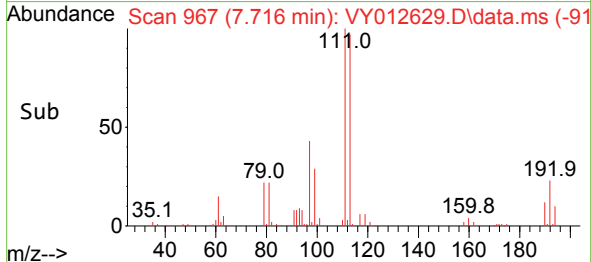
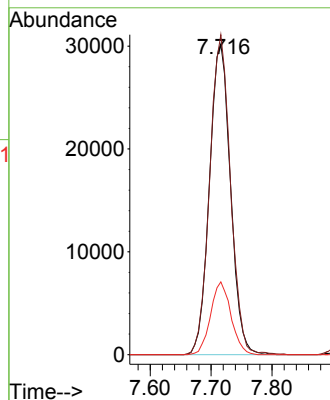
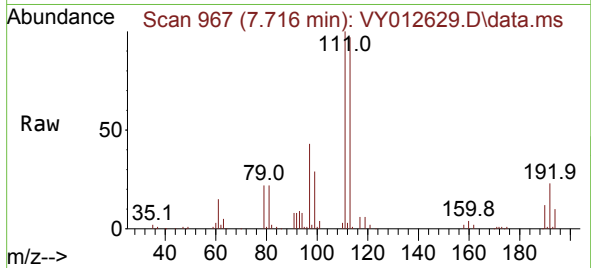




#35
Dibromofluoromethane
Concen: 54.702 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

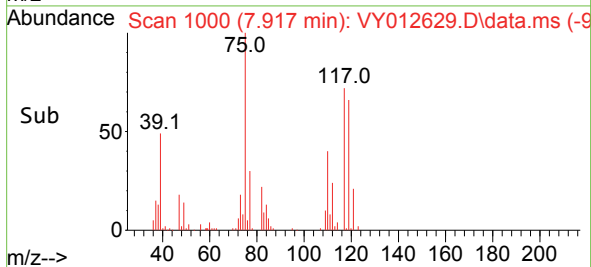
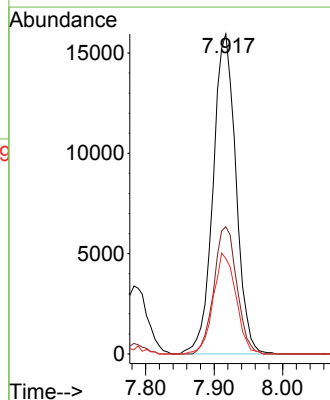
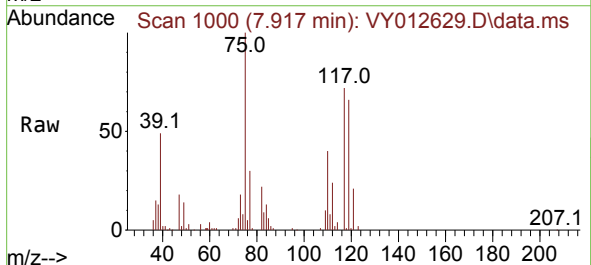
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD01

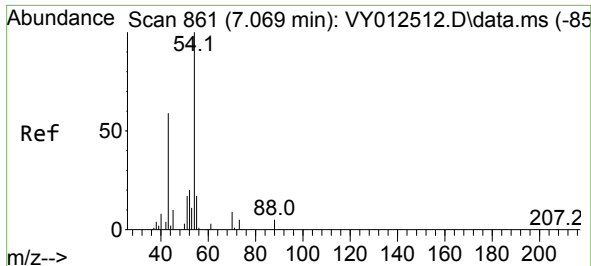
Tgt Ion:113 Resp: 72579
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 22.7 17.5 26.3



#36
1,1-Dichloropropene
Concen: 20.528 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 75 Resp: 36862
Ion Ratio Lower Upper
75 100
110 39.9 19.5 58.5
77 31.4 24.9 37.3





#37

Ethyl Acetate

Concen: 22.775 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBSD01

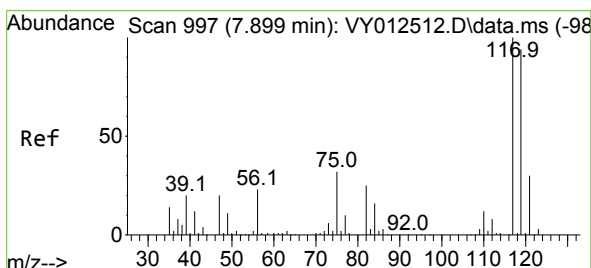
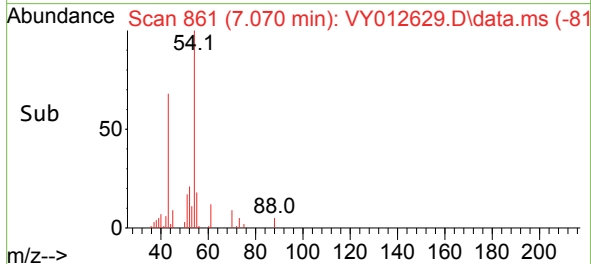
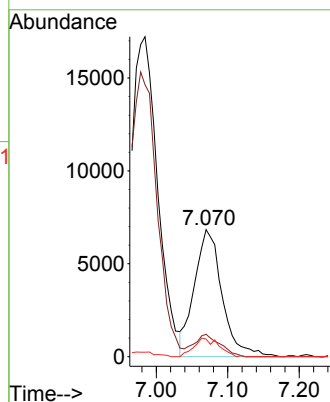
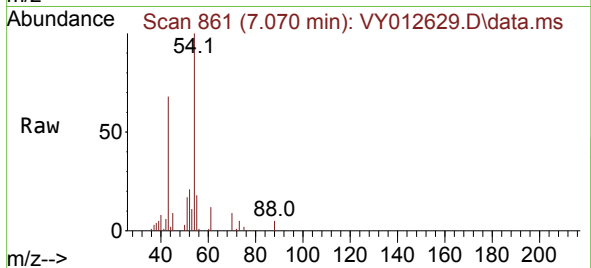
Tgt Ion: 43 Resp: 18454

Ion Ratio Lower Upper

43 100

61 16.4 12.5 18.7

70 13.0 11.0 16.4



#38

Carbon Tetrachloride

Concen: 22.079 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

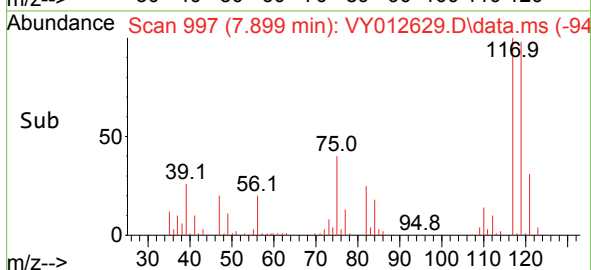
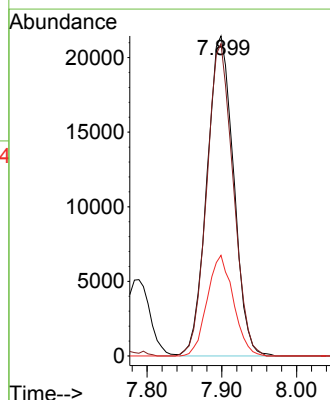
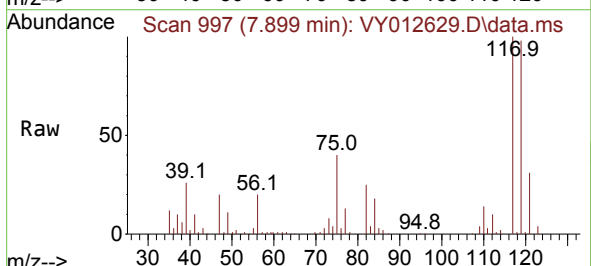
Tgt Ion: 117 Resp: 53220

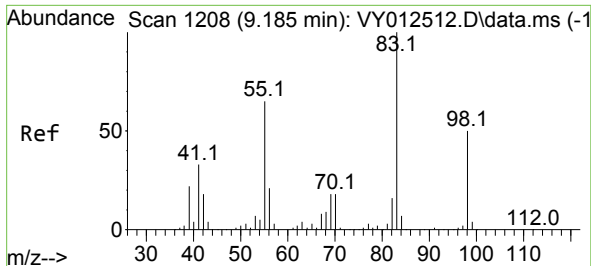
Ion Ratio Lower Upper

117 100

119 97.6 75.1 112.7

121 31.4 24.3 36.5





#39

Methylcyclohexane

Concen: 20.271 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBSD01

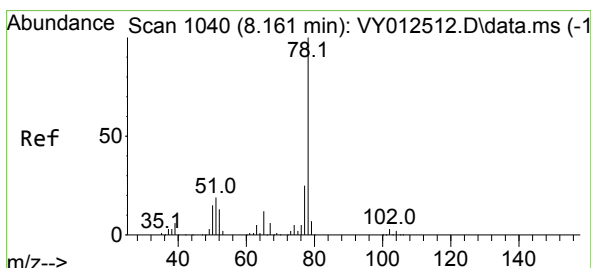
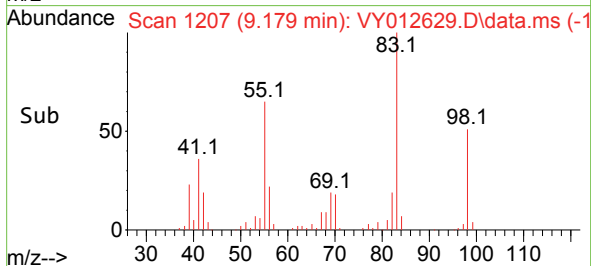
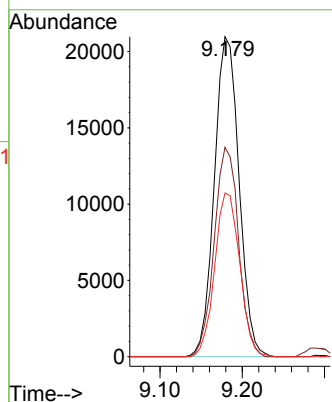
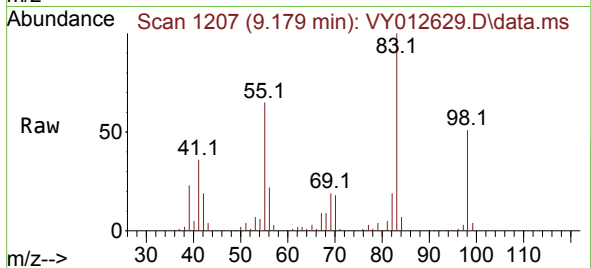
Tgt Ion: 83 Resp: 43801

Ion Ratio Lower Upper

83 100

55 65.4 52.0 78.0

98 51.1 40.4 60.6



#40

Benzene

Concen: 21.469 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY012629.D

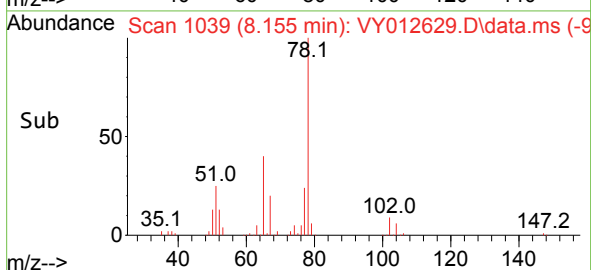
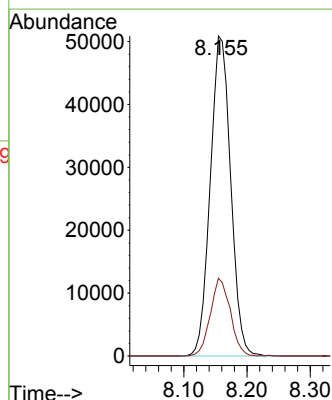
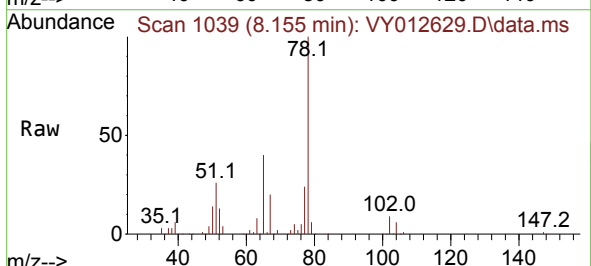
Acq: 16 Feb 2023 11:23

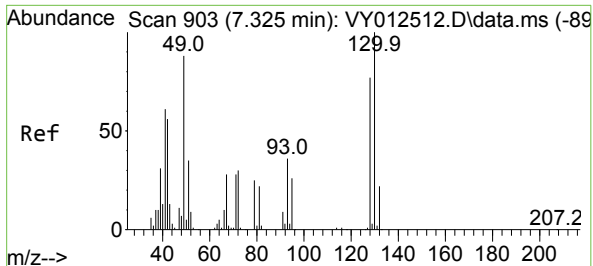
Tgt Ion: 78 Resp: 113867

Ion Ratio Lower Upper

78 100

77 24.3 19.9 29.9

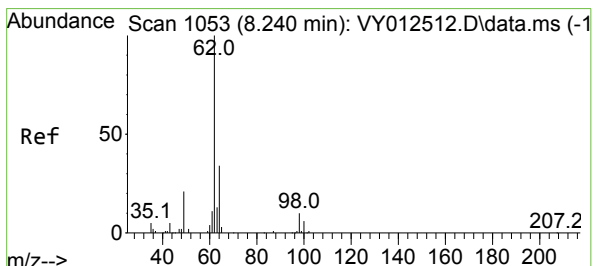
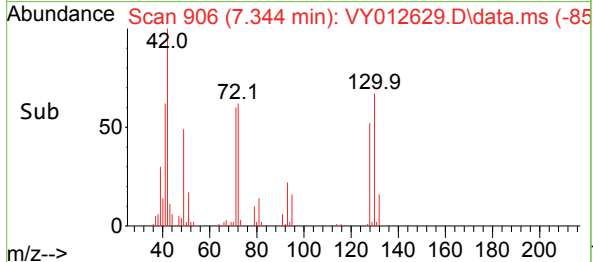
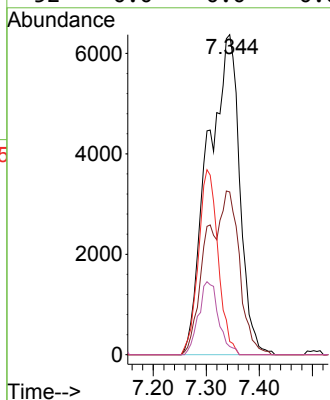
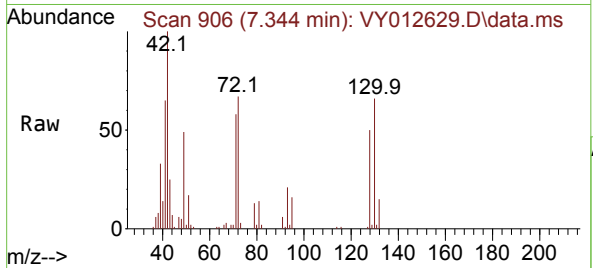




#41
Methacrylonitrile
Concen: 59.730 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

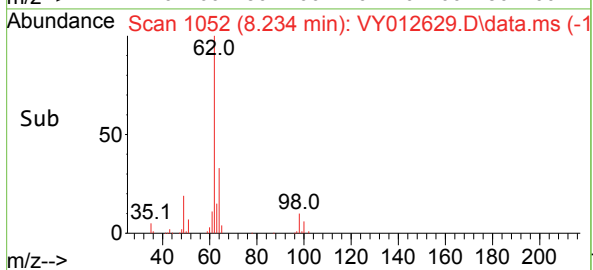
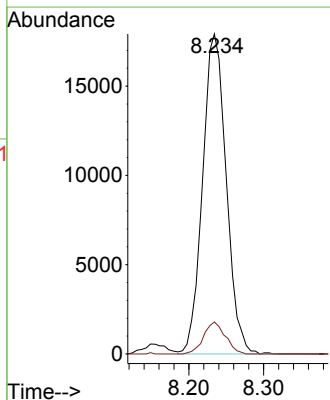
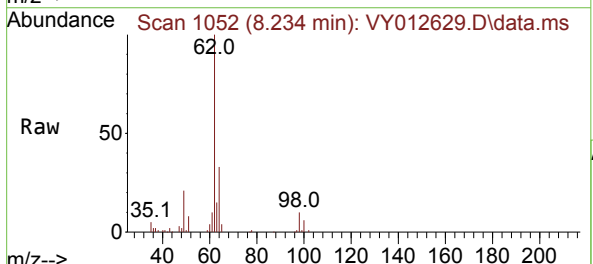
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD01

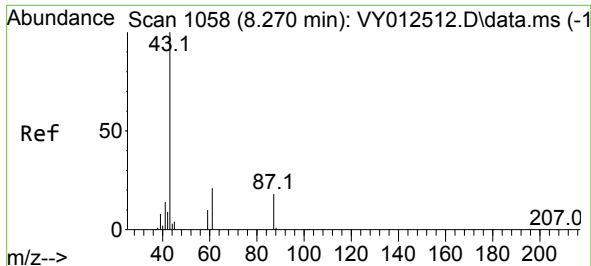
Tgt Ion: 41 Resp: 26515
Ion Ratio Lower Upper
41 100
39 31.3 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 22.908 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 62 Resp: 39381
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2

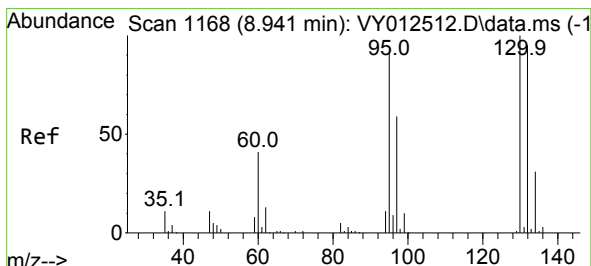
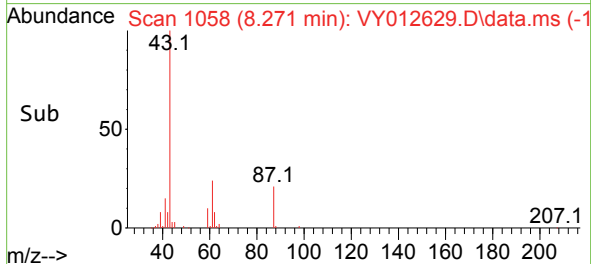
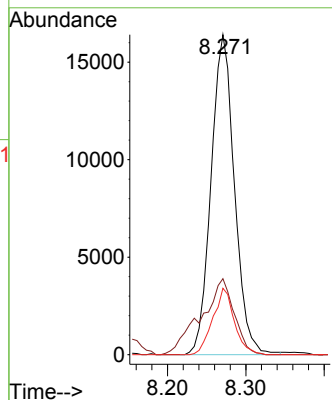
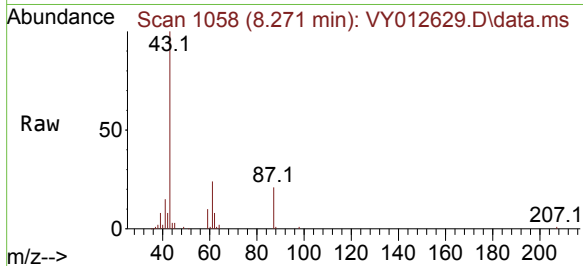




#43
Isopropyl Acetate
Concen: 22.676 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

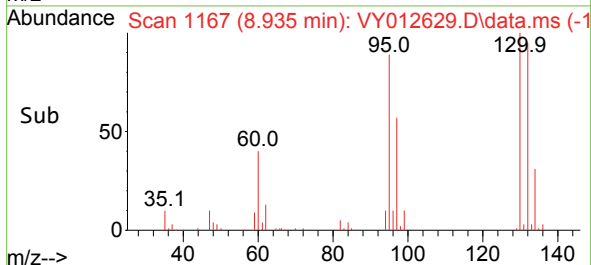
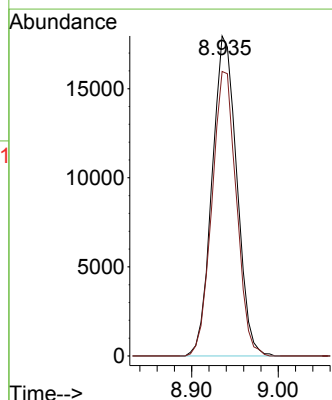
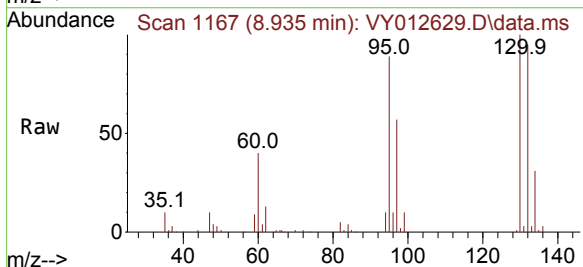
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD01

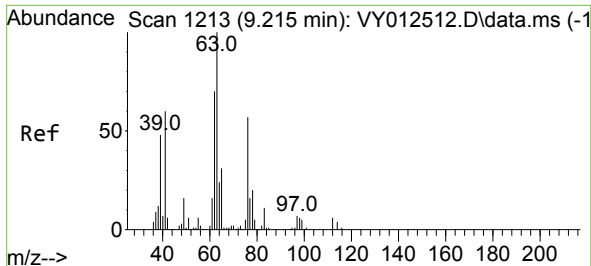
Tgt Ion	Ratio	Lower	Upper
43	100		
61	33.5	27.2	40.8
87	19.1	15.0	22.4



#44
Trichloroethene
Concen: 22.073 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	181.2





#45

1,2-Dichloropropane

Concen: 21.220 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

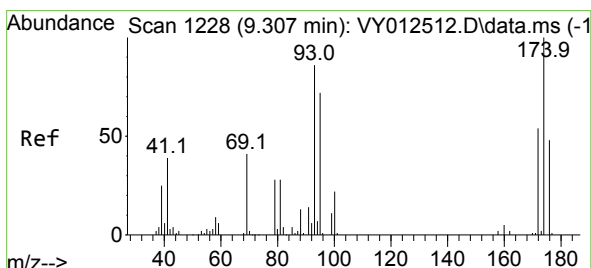
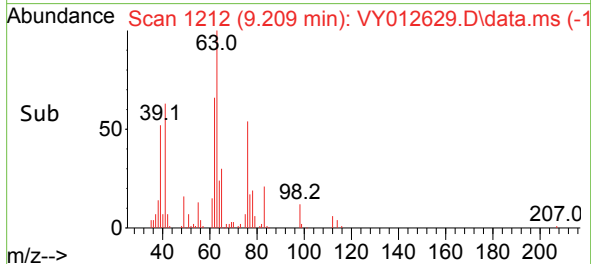
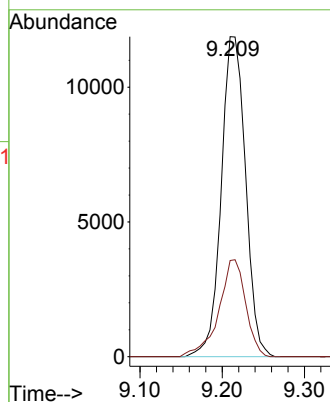
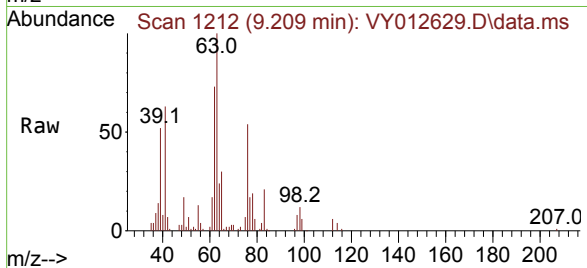
VY0216SBS01

Tgt Ion: 63 Resp: 24404

Ion Ratio Lower Upper

63 100

65 30.1 24.6 37.0



#46

Dibromomethane

Concen: 22.318 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

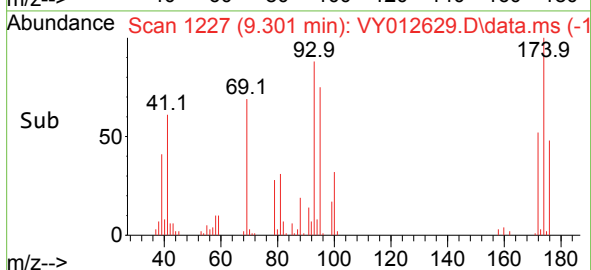
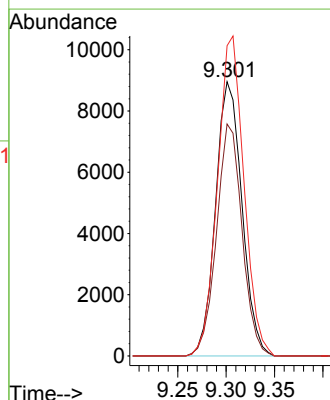
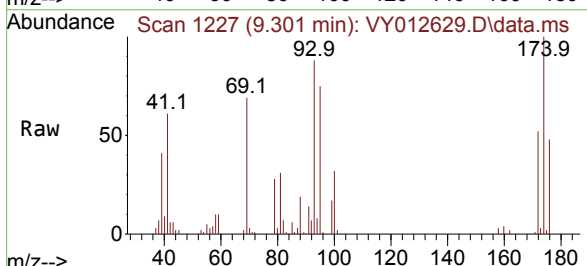
Tgt Ion: 93 Resp: 16995

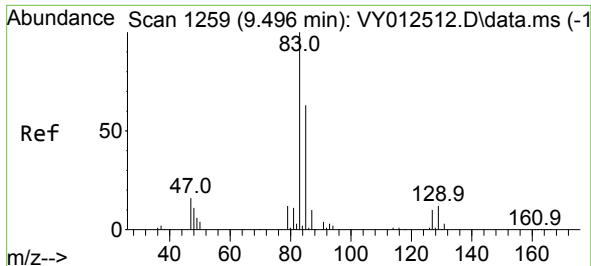
Ion Ratio Lower Upper

93 100

95 81.9 65.8 98.8

174 117.0 93.4 140.2

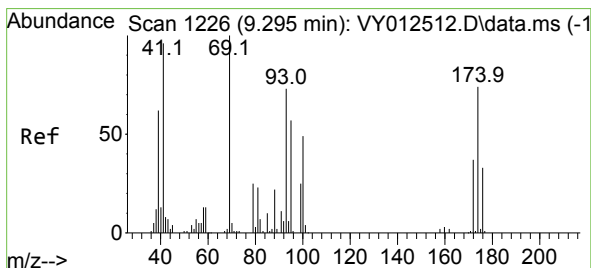
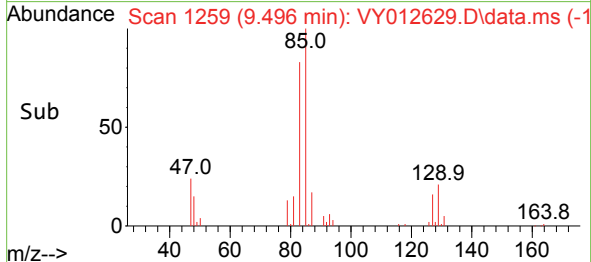
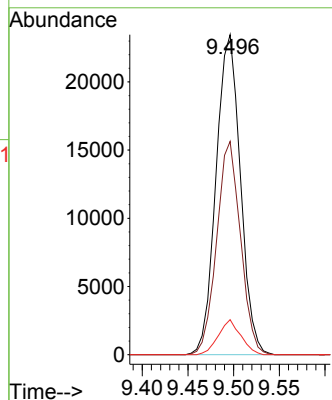
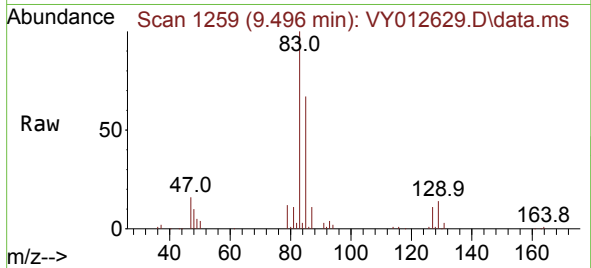




#47
Bromodichloromethane
Concen: 22.007 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

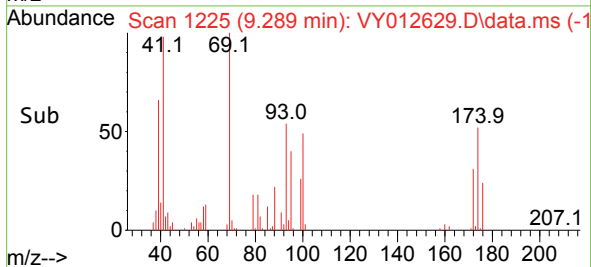
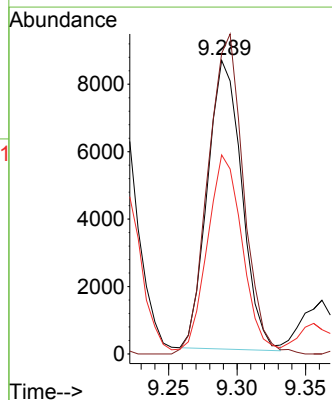
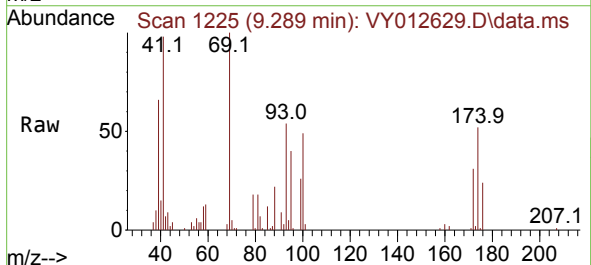
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

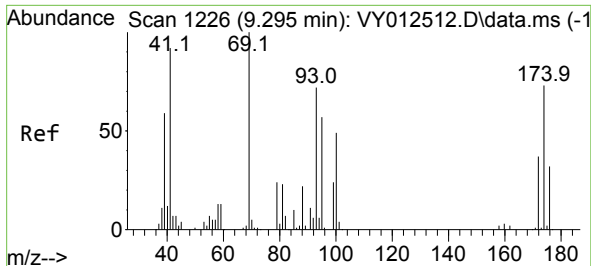
Tgt Ion: 83	Resp:	43451
Ion Ratio	Lower	Upper
83	100	
85	66.7	50.7 76.1
127	10.9	8.1 12.1



#48
Methyl methacrylate
Concen: 21.774 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 41	Resp:	14952
Ion Ratio	Lower	Upper
41	100	
69	114.1	85.4 128.2
39	70.7	52.7 79.1





#49

1,4-Dioxane

Concen: 510.747 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

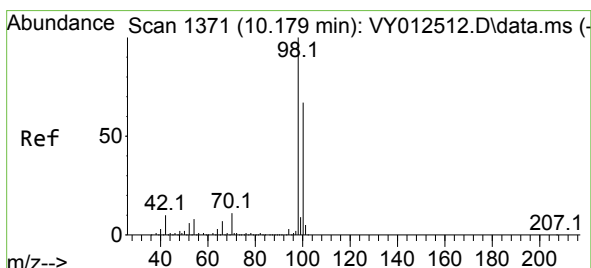
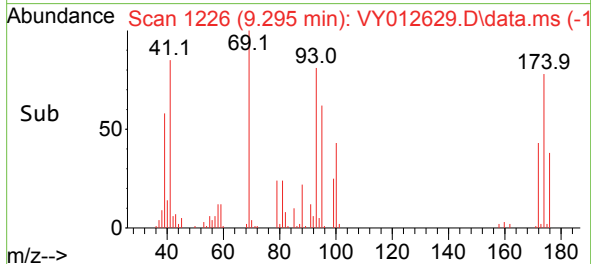
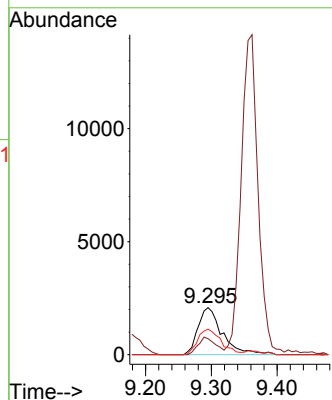
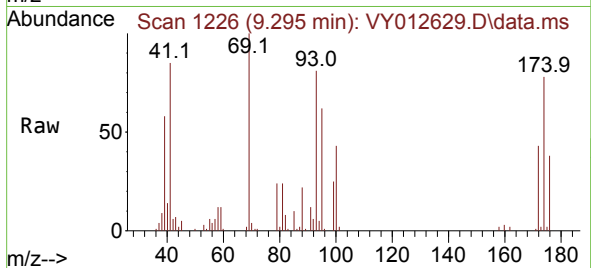
Tgt Ion: 88 Resp: 5369

Ion Ratio Lower Upper

88 100

43 27.1 22.6 33.8

58 52.0 45.4 68.0



#50

Toluene-d8

Concen: 53.458 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012629.D

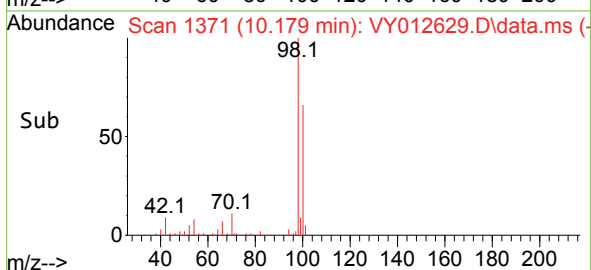
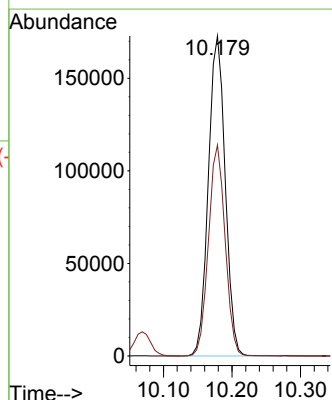
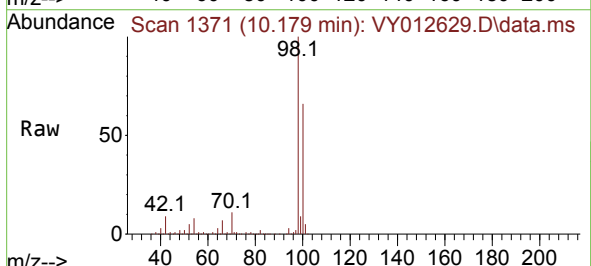
Acq: 16 Feb 2023 11:23

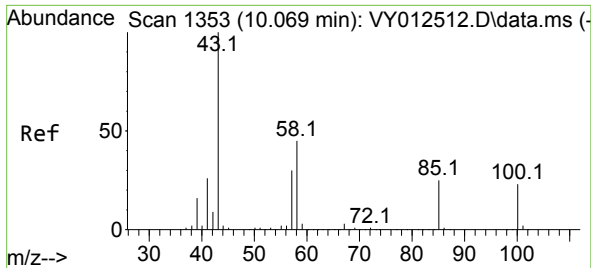
Tgt Ion: 98 Resp: 295223

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2

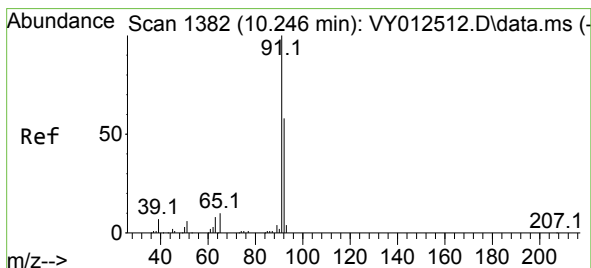
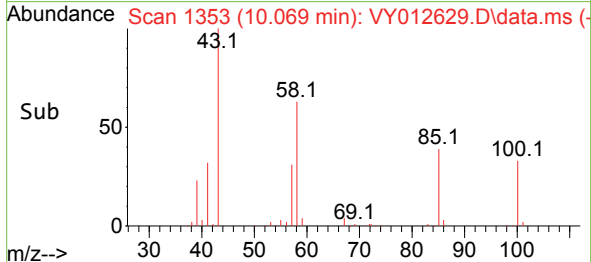
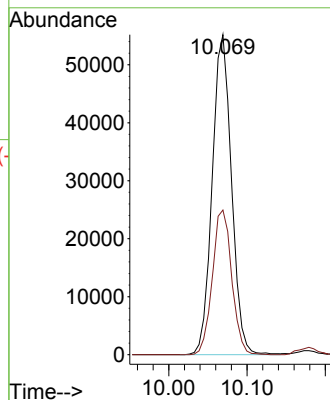
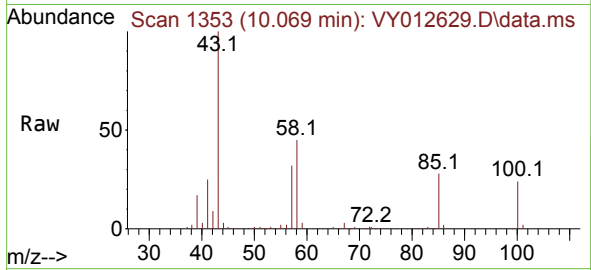




#51
4-Methyl-2-Pentanone
Concen: 116.456 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

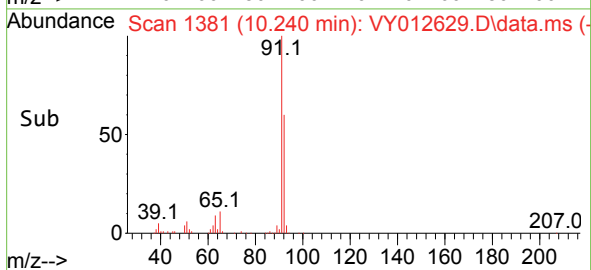
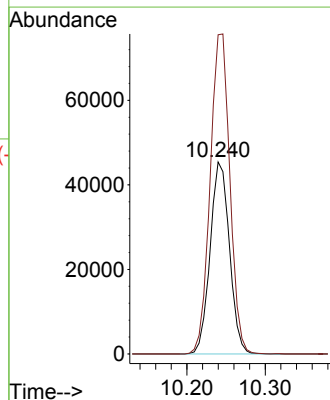
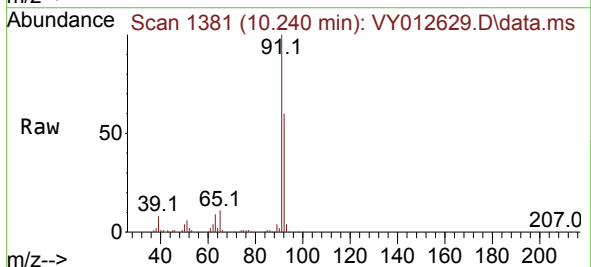
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

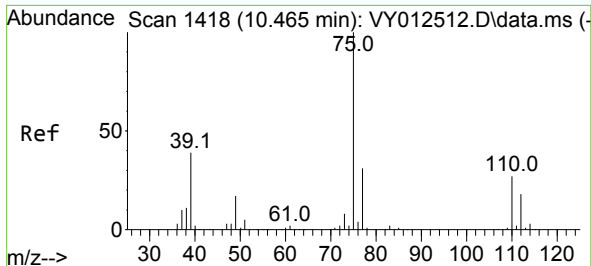
Tgt Ion: 43 Resp: 94393
Ion Ratio Lower Upper
43 100
58 45.4 36.2 54.2



#52
Toluene
Concen: 21.637 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 92 Resp: 77821
Ion Ratio Lower Upper
92 100
91 169.8 137.2 205.8

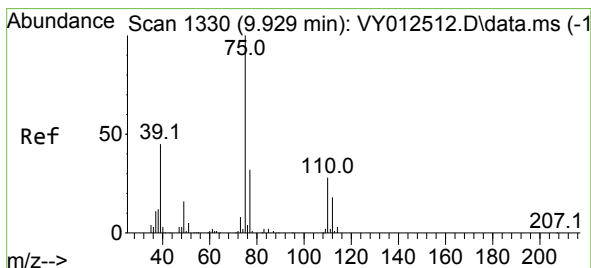
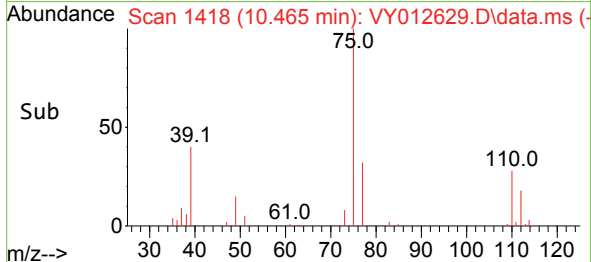
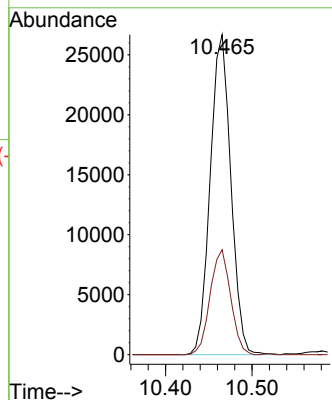
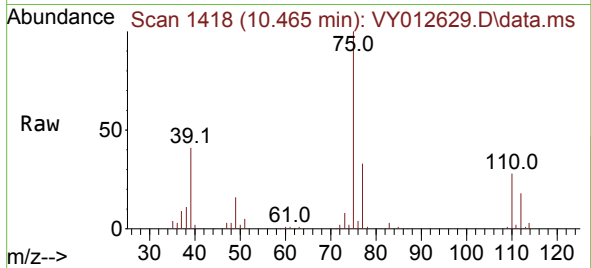




#53
 t-1,3-Dichloropropene
 Concen: 22.195 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012629.D
 Acq: 16 Feb 2023 11:23

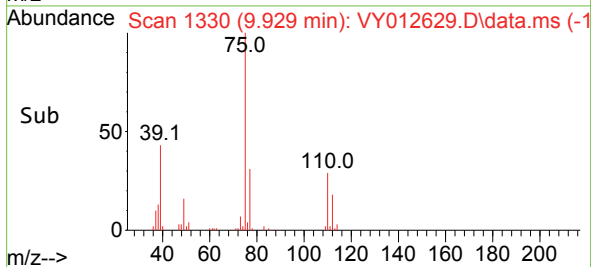
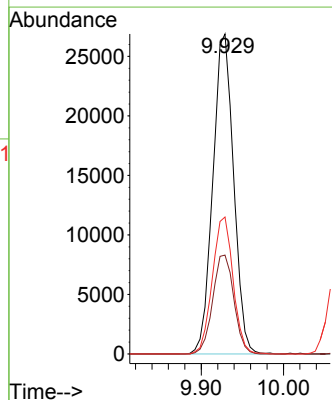
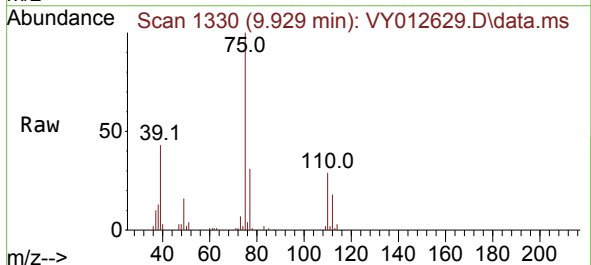
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0216SBS01

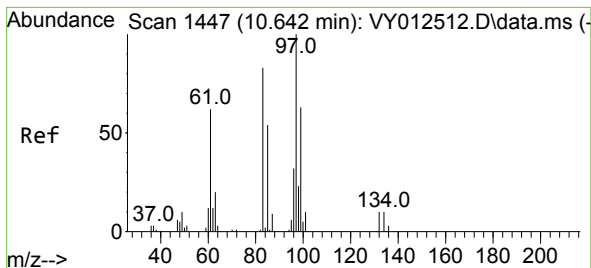
Tgt Ion: 75 Resp: 44158
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 21.931 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY012629.D
 Acq: 16 Feb 2023 11:23

Tgt Ion: 75 Resp: 47219
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.7 38.5
 39 42.8 36.0 54.0

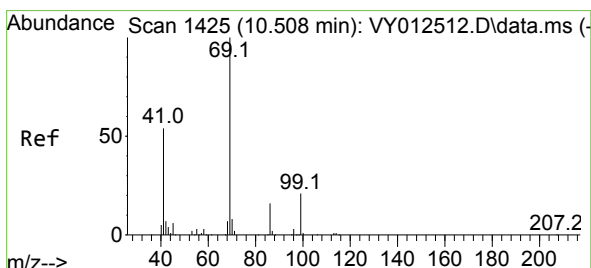
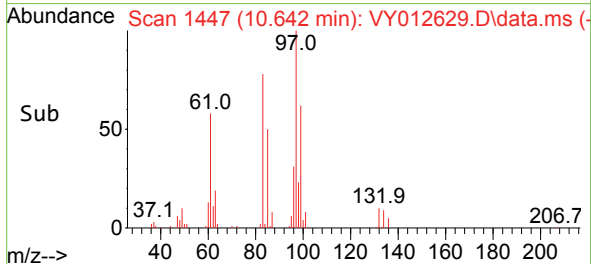
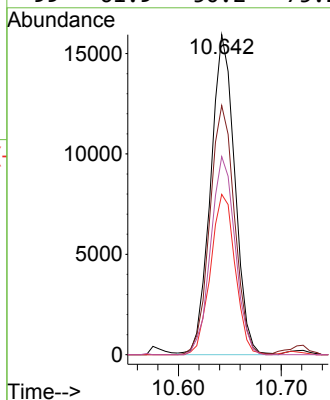
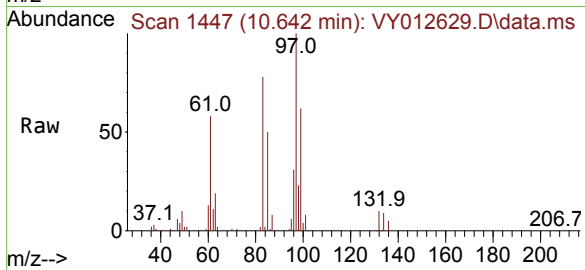




#55
1,1,2-Trichloroethane
Concen: 23.379 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

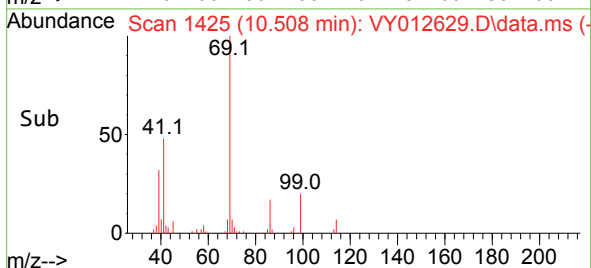
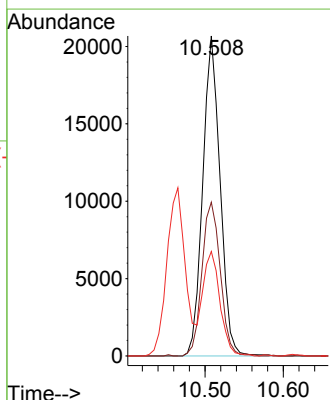
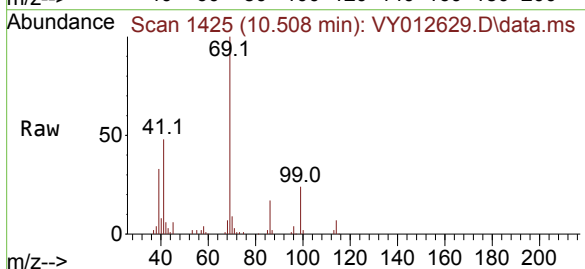
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD01

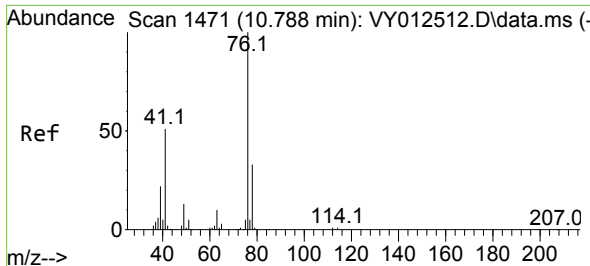
Tgt Ion:	97	Resp:	26013
Ion	Ratio	Lower	Upper
97	100		
83	77.8	66.0	99.0
85	50.1	43.1	64.7
99	61.9	50.2	75.2



#56
Ethyl methacrylate
Concen: 22.753 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion:	69	Resp:	31807
Ion	Ratio	Lower	Upper
69	100		
41	50.8	43.4	65.2
39	31.8	26.5	39.7

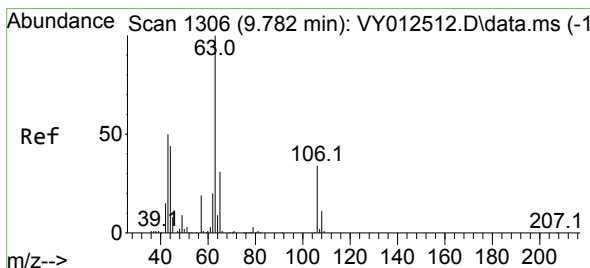
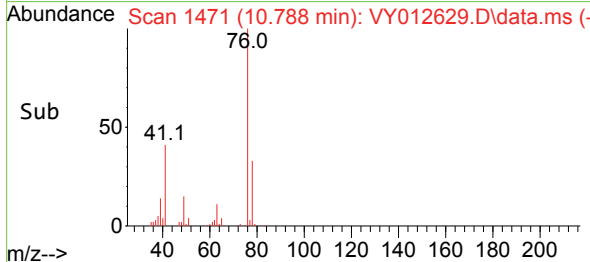
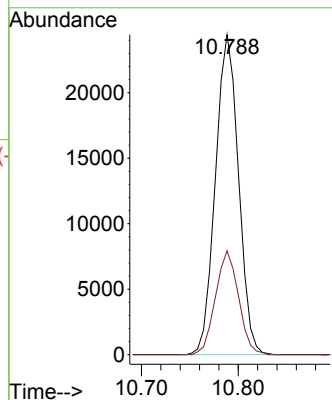
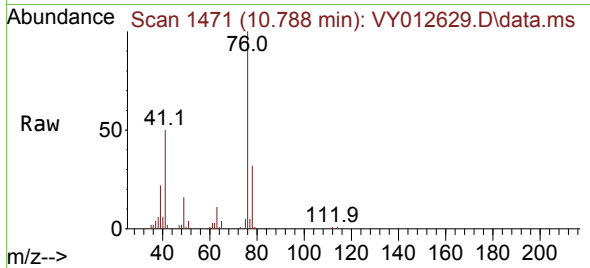




#57
1,3-Dichloropropane
Concen: 22.540 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

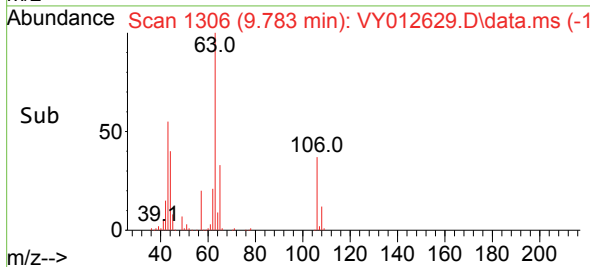
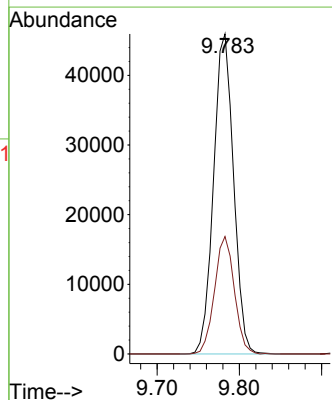
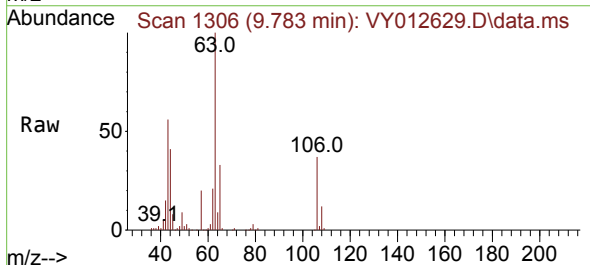
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD01

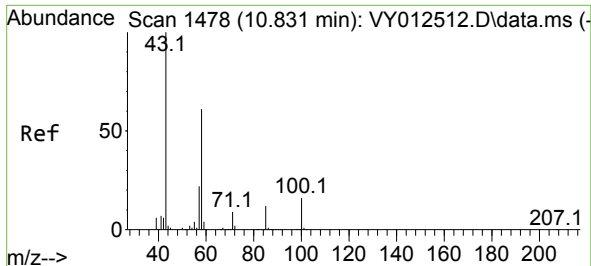
Tgt Ion: 76 Resp: 40476
Ion Ratio Lower Upper
76 100
78 32.4 26.6 39.8



#58
2-Chloroethyl Vinyl ether
Concen: 123.632 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 63 Resp: 77683
Ion Ratio Lower Upper
63 100
106 36.3 28.0 42.0





#59

2-Hexanone

Concen: 114.735 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

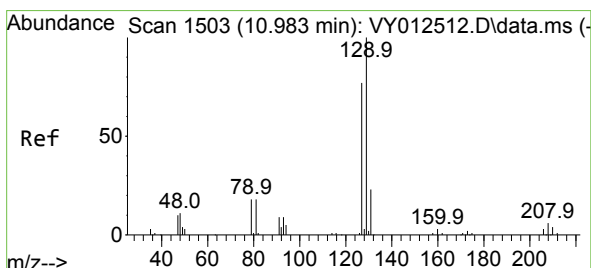
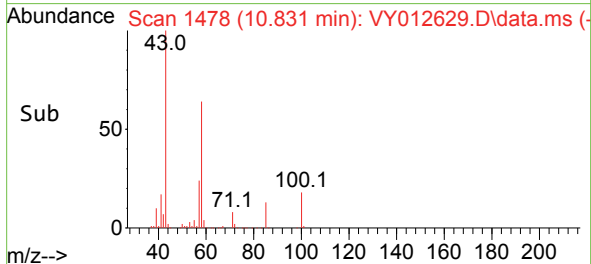
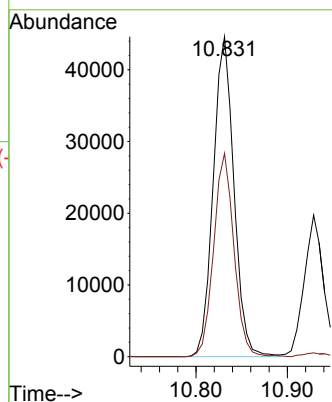
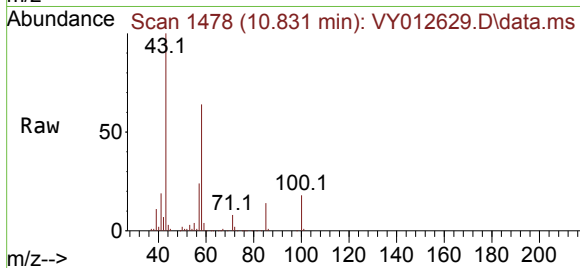
VY0216SBS01

Tgt Ion: 43 Resp: 70280

Ion Ratio Lower Upper

43 100

58 62.4 30.9 92.5



#60

Dibromochloromethane

Concen: 22.980 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY012629.D

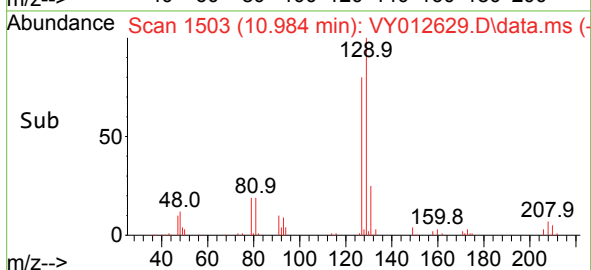
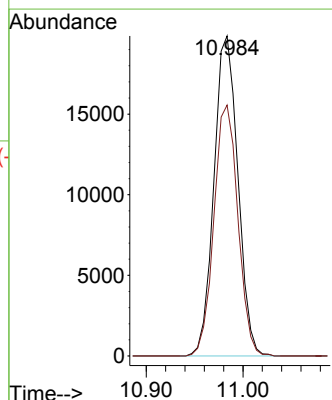
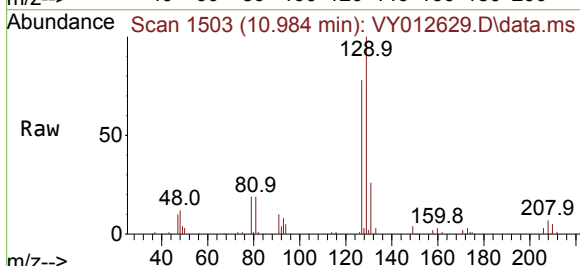
Acq: 16 Feb 2023 11:23

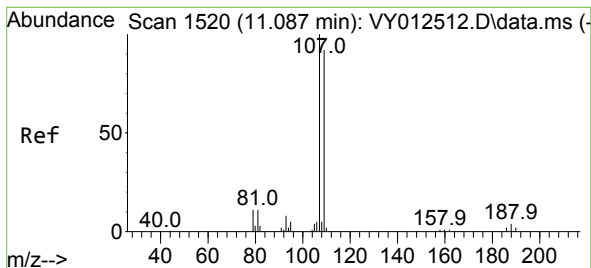
Tgt Ion:129 Resp: 34084

Ion Ratio Lower Upper

129 100

127 78.6 38.0 114.1

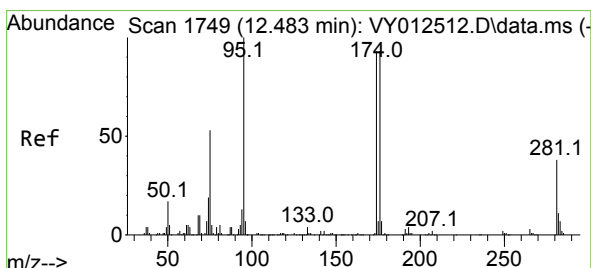
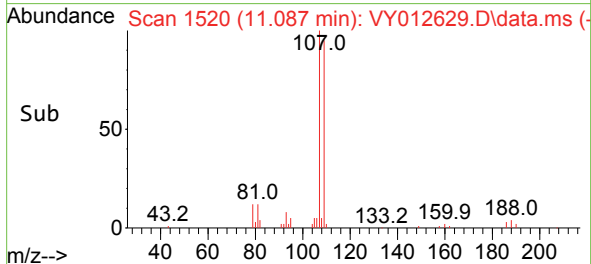
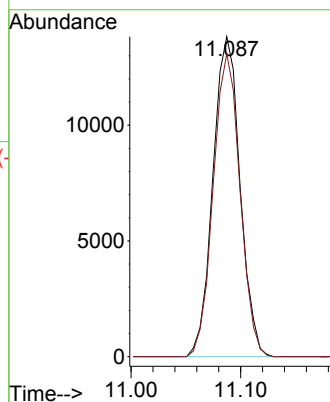
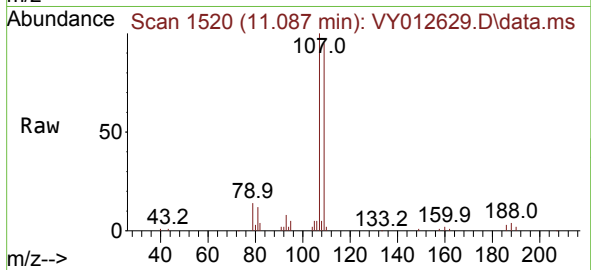




#61
1,2-Dibromoethane
Concen: 22.744 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

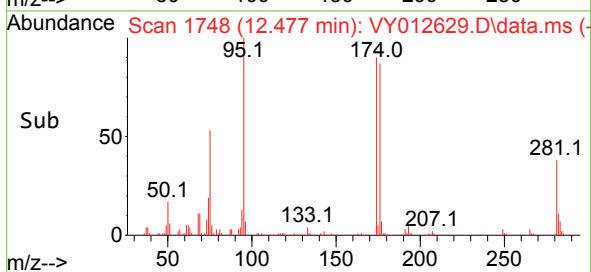
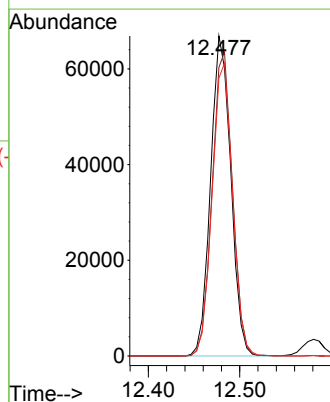
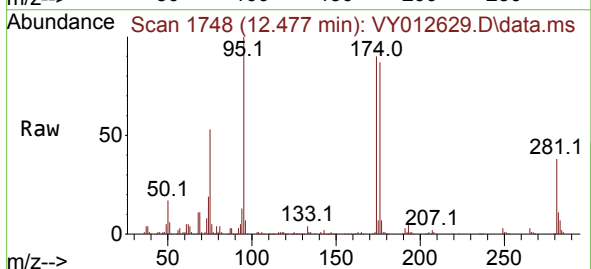
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

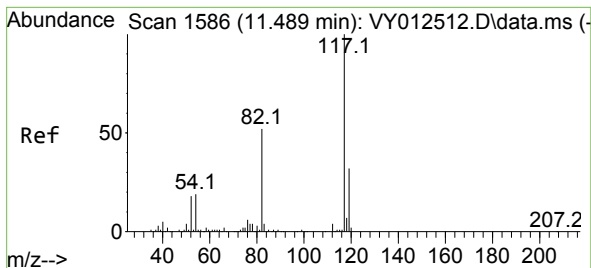
Tgt Ion:107 Resp: 23712
Ion Ratio Lower Upper
107 100
109 93.5 74.2 111.2



#62
4-Bromofluorobenzene
Concen: 53.235 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 95 Resp: 102545
Ion Ratio Lower Upper
95 100
174 95.4 0.0 188.0
176 92.7 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

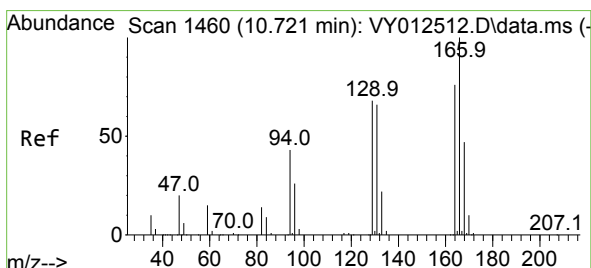
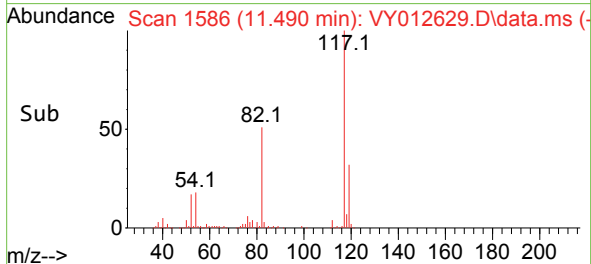
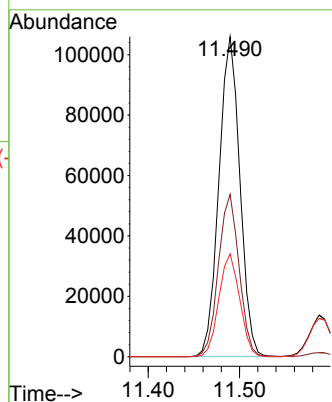
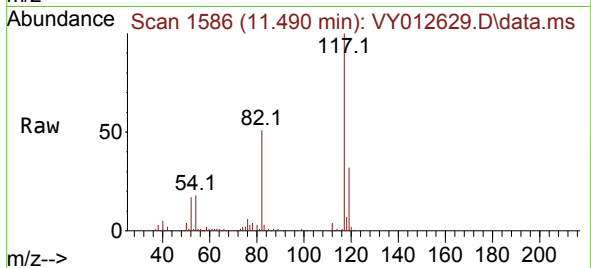
Tgt Ion:117 Resp: 169123

Ion Ratio Lower Upper

117 100

82 50.7 41.7 62.5

119 32.1 25.8 38.8



#64

Tetrachloroethene

Concen: 22.777 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Tgt Ion:164 Resp: 40216

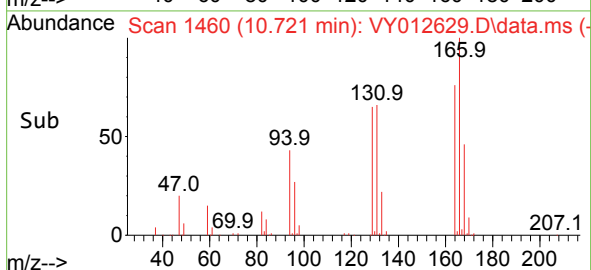
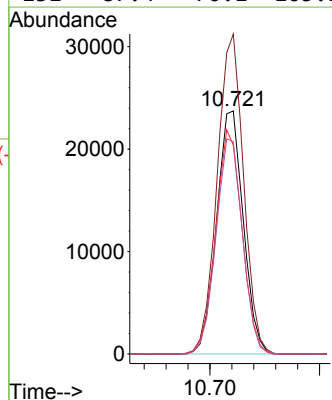
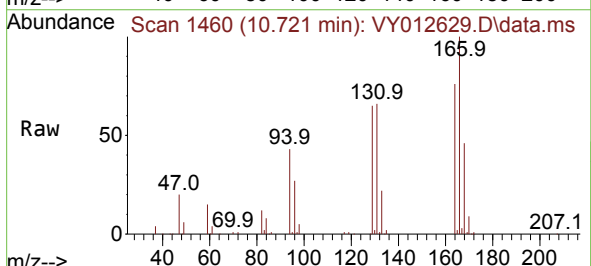
Ion Ratio Lower Upper

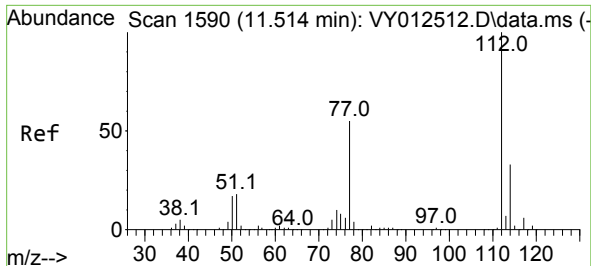
164 100

166 131.7 105.7 158.5

129 85.9 71.8 107.6

131 87.4 70.1 105.1

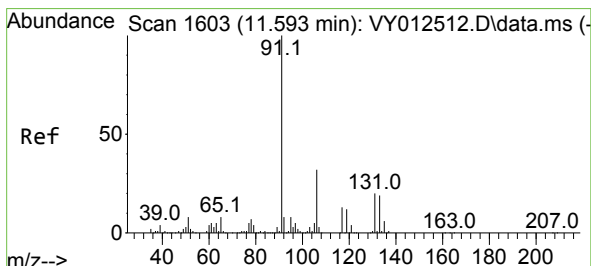
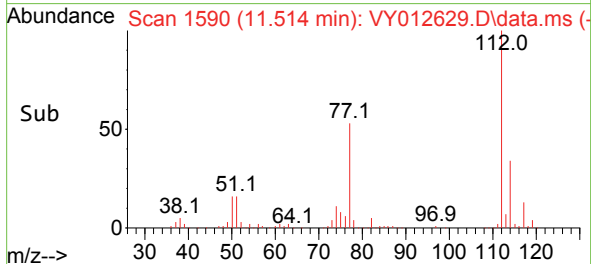
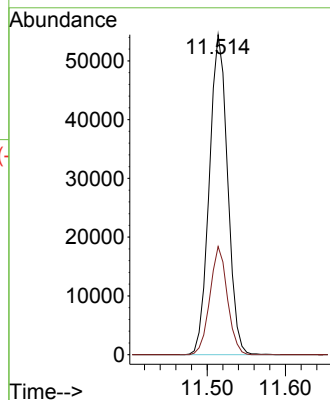
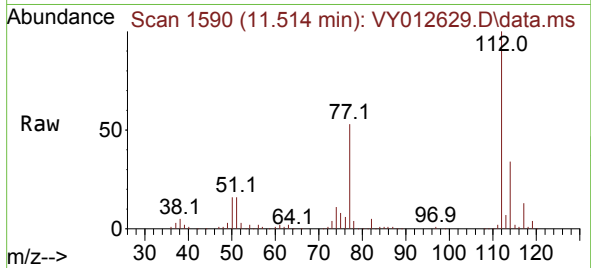




#65
Chlorobenzene
Concen: 21.995 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

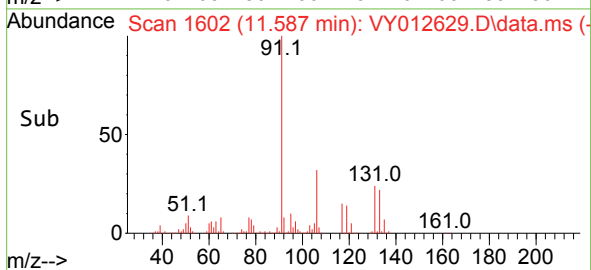
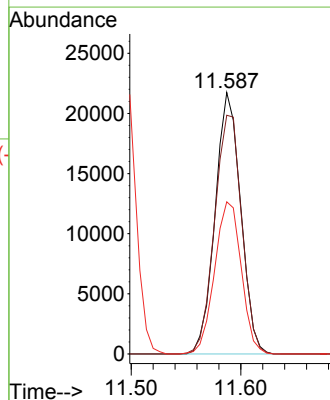
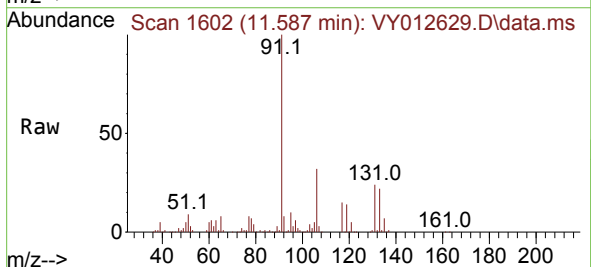
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD01

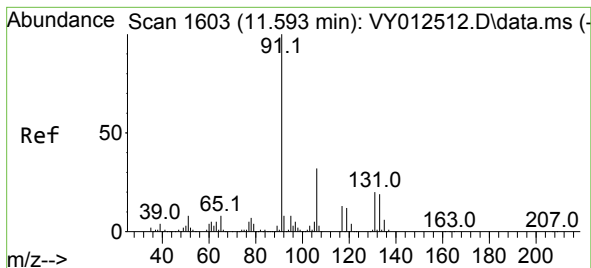
Tgt Ion:112 Resp: 88229
Ion Ratio Lower Upper
112 100
114 33.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 22.429 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion:131 Resp: 35256
Ion Ratio Lower Upper
131 100
133 97.0 48.5 145.5
119 60.6 30.7 92.1





#67

Ethyl Benzene

Concen: 21.464 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

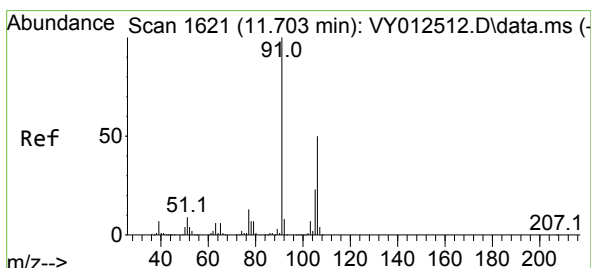
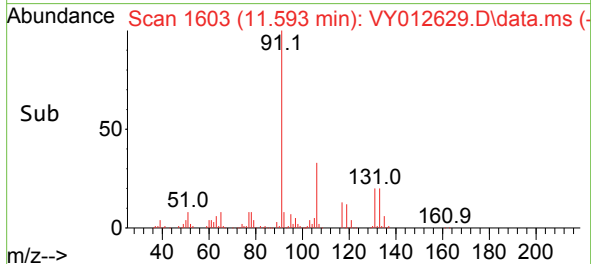
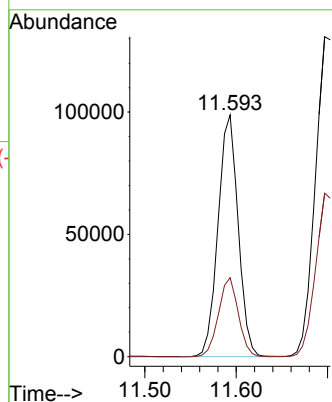
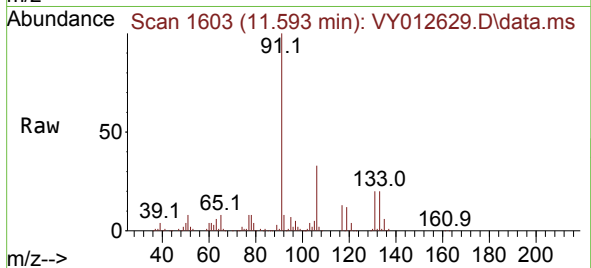
VY0216SBSD01

Tgt Ion: 91 Resp: 151155

Ion Ratio Lower Upper

91 100

106 32.7 25.6 38.4



#68

m/p-Xylenes

Concen: 44.032 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY012629.D

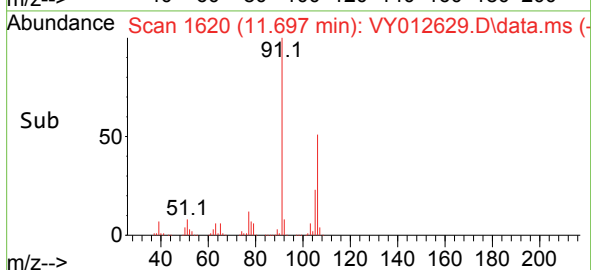
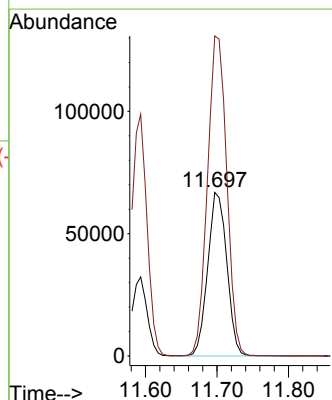
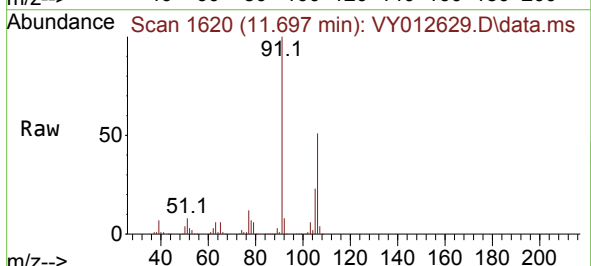
Acq: 16 Feb 2023 11:23

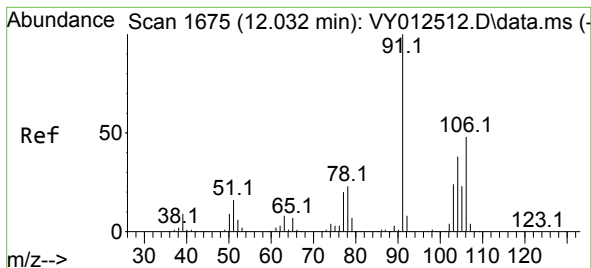
Tgt Ion:106 Resp: 123771

Ion Ratio Lower Upper

106 100

91 198.2 160.3 240.5





#69

o-Xylene

Concen: 22.045 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

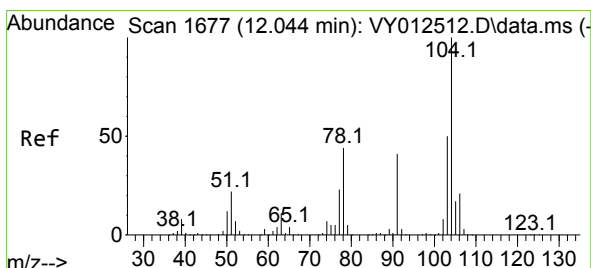
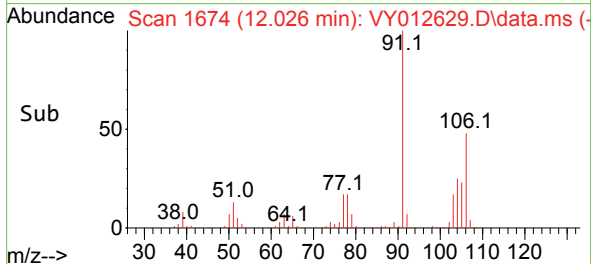
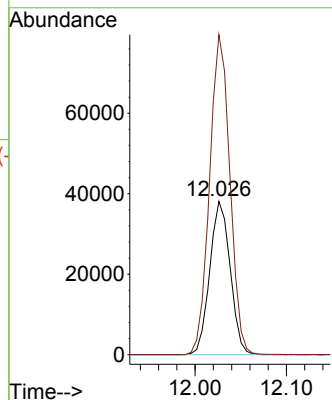
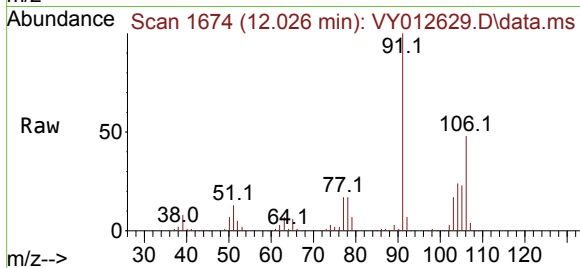
VY0216SBS01

Tgt Ion:106 Resp: 59015

Ion Ratio Lower Upper

106 100

91 208.3 104.2 312.5



#70

Styrene

Concen: 22.363 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

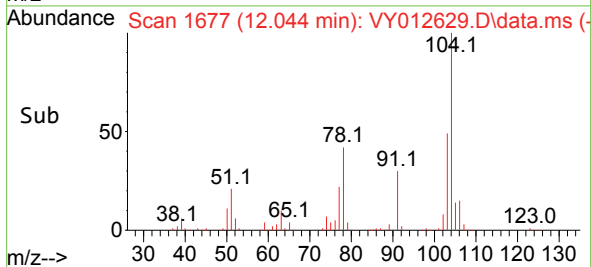
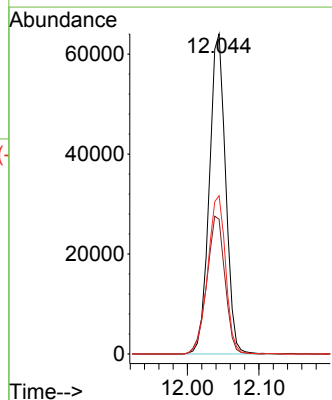
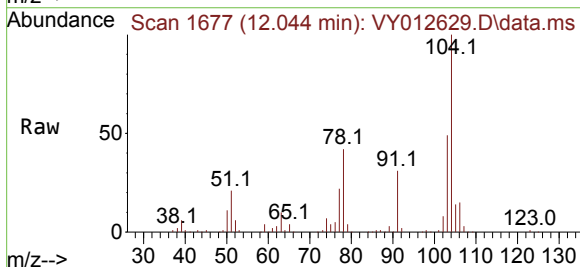
Tgt Ion:104 Resp: 101528

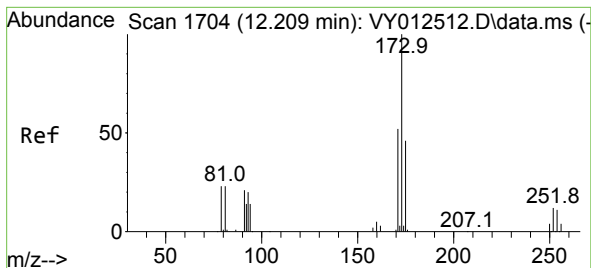
Ion Ratio Lower Upper

104 100

78 47.9 39.4 59.2

103 54.2 43.8 65.8





#71

Bromoform

Concen: 24.014 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

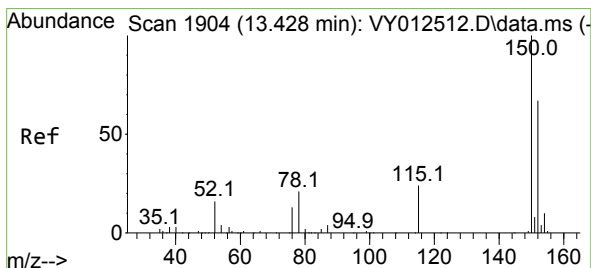
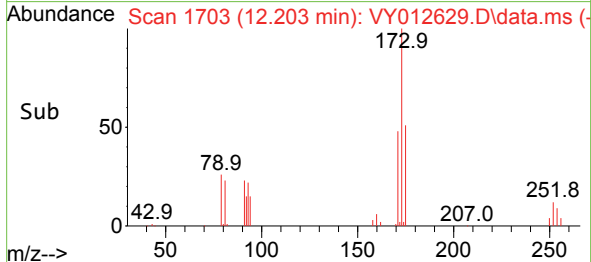
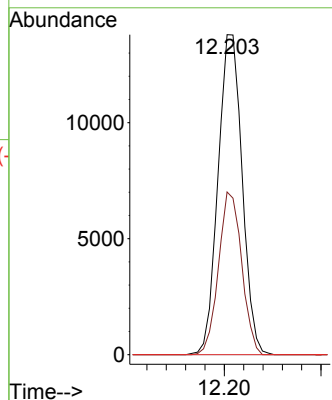
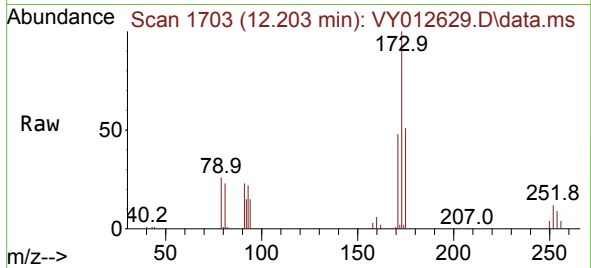
Tgt Ion:173 Resp: 23860

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

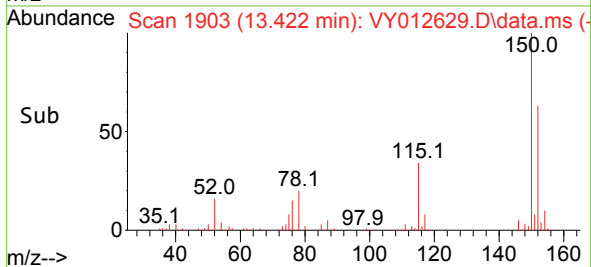
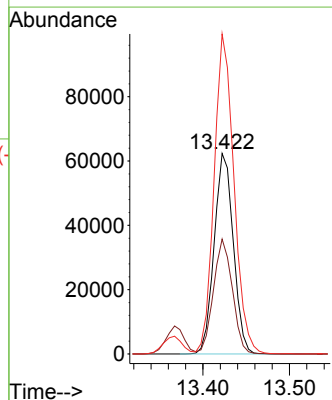
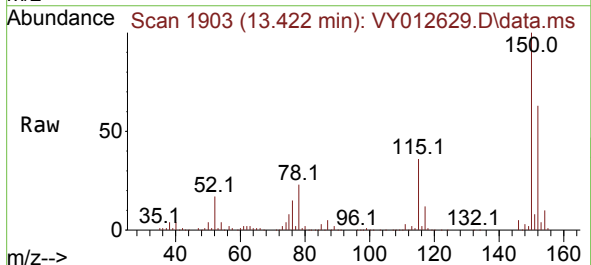
Tgt Ion:152 Resp: 95743

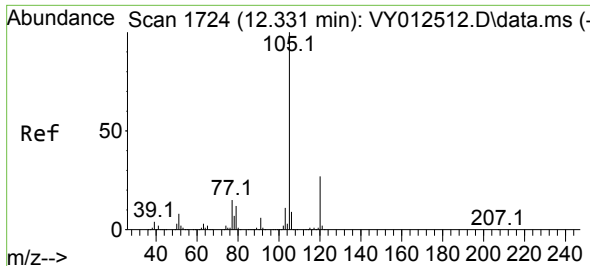
Ion Ratio Lower Upper

152 100

115 56.7 28.1 84.3

150 165.3 0.0 351.0

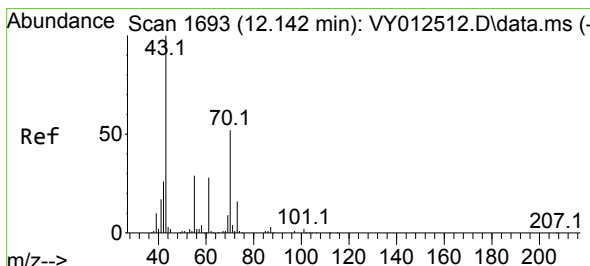
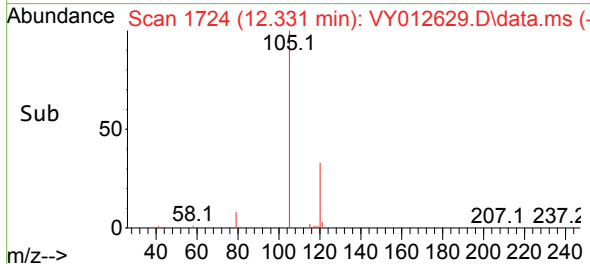
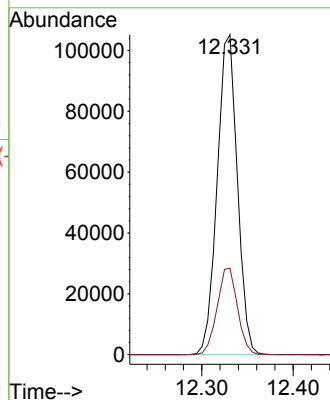
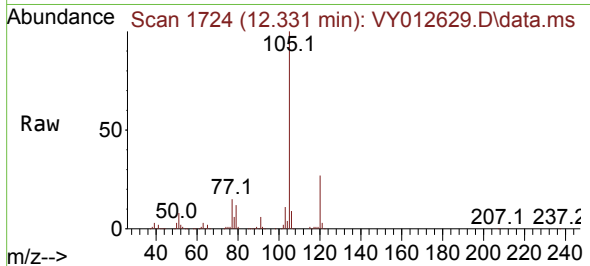




#73
Isopropylbenzene
Concen: 20.874 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

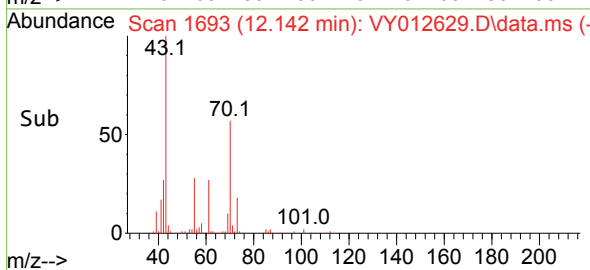
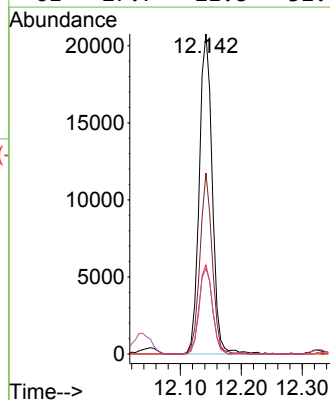
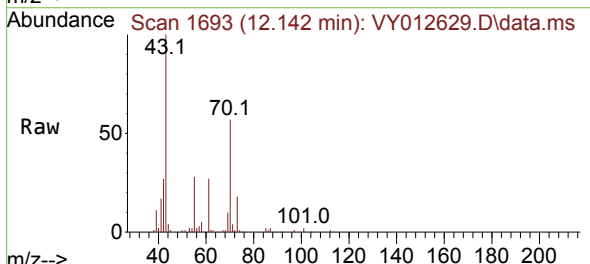
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD01

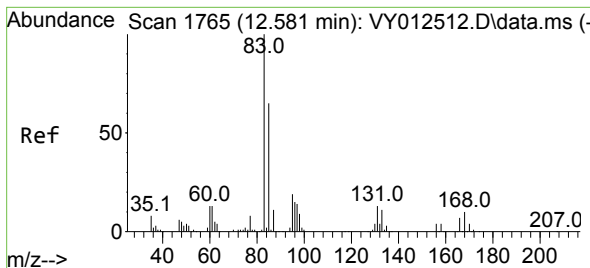
Tgt Ion:105 Resp: 161694
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 21.882 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 43 Resp: 30683
Ion Ratio Lower Upper
43 100
70 53.5 41.0 61.6
55 28.1 22.9 34.3
61 27.7 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.107 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

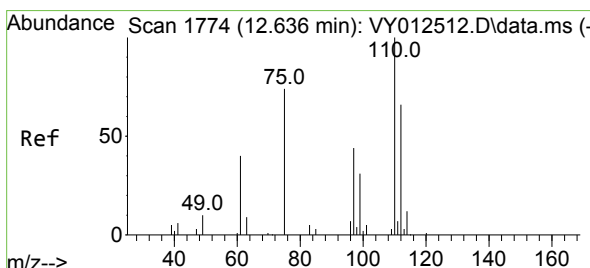
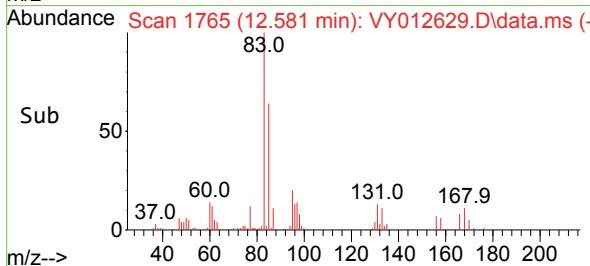
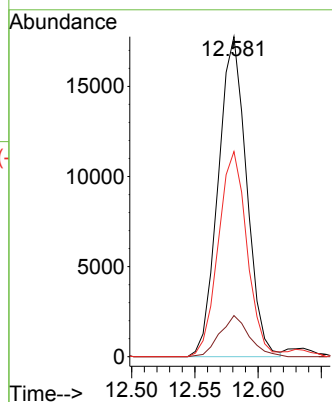
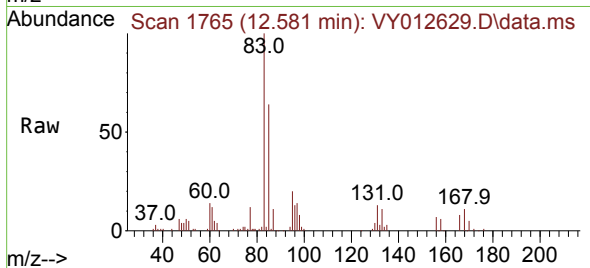
Tgt Ion: 83 Resp: 27690

Ion Ratio Lower Upper

83 100

131 13.3 6.5 19.4

85 65.0 33.0 99.0



#76

1,2,3-Trichloropropane

Concen: 37.206 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY012629.D

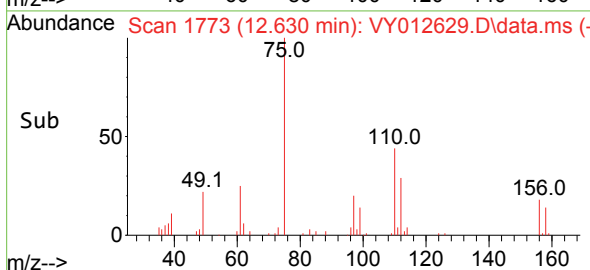
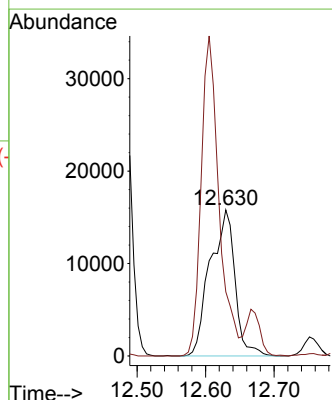
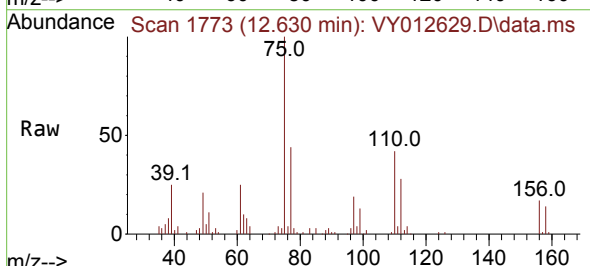
Acq: 16 Feb 2023 11:23

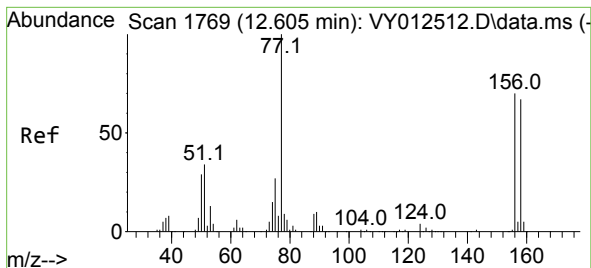
Tgt Ion: 75 Resp: 39798

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.656 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBSD01

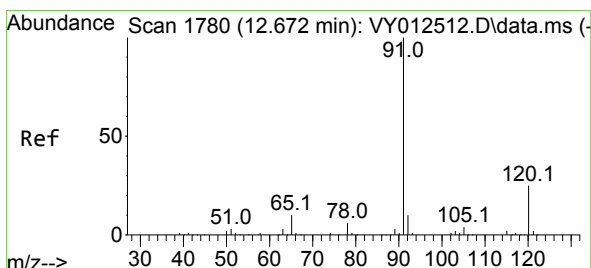
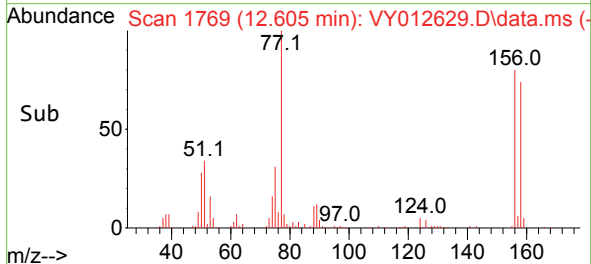
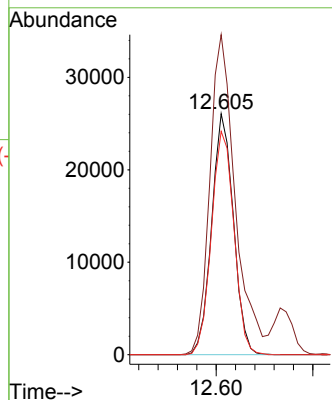
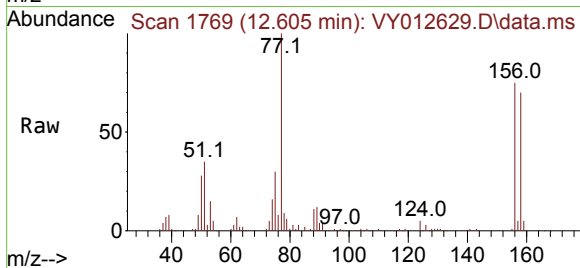
Tgt Ion:156 Resp: 40659

Ion Ratio Lower Upper

156 100

77 154.0 80.6 241.8

158 95.9 49.1 147.3



#78

n-propylbenzene

Concen: 20.826 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY012629.D

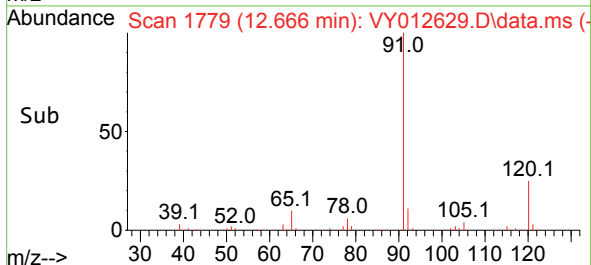
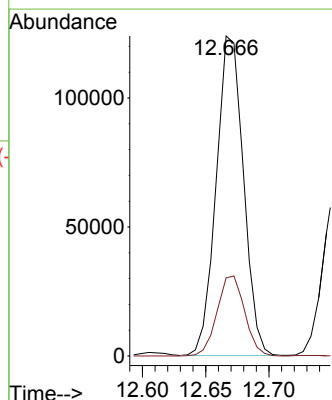
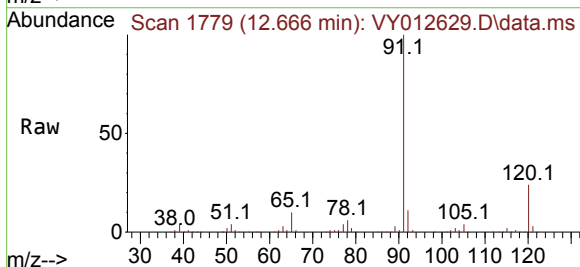
Acq: 16 Feb 2023 11:23

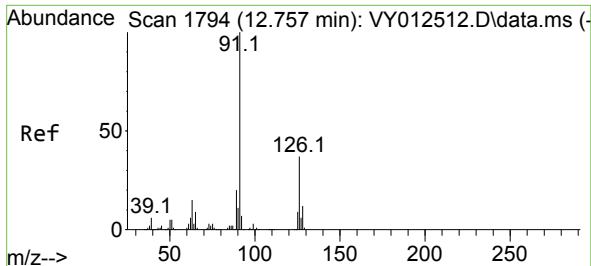
Tgt Ion: 91 Resp: 185681

Ion Ratio Lower Upper

91 100

120 25.3 12.4 37.4

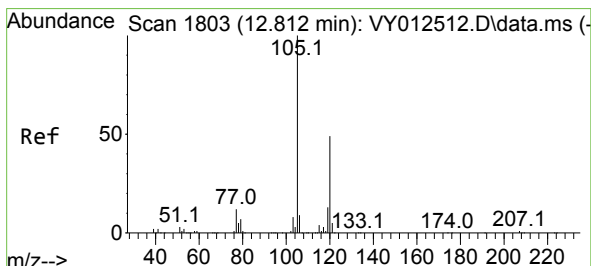
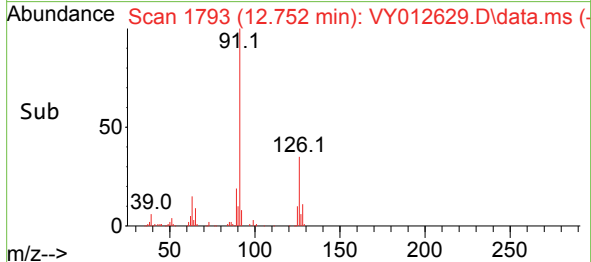
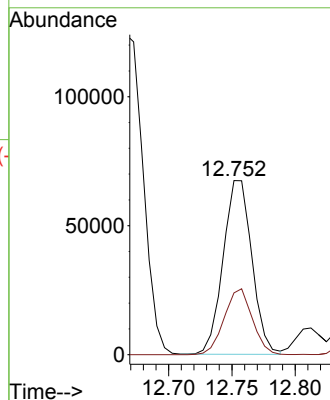
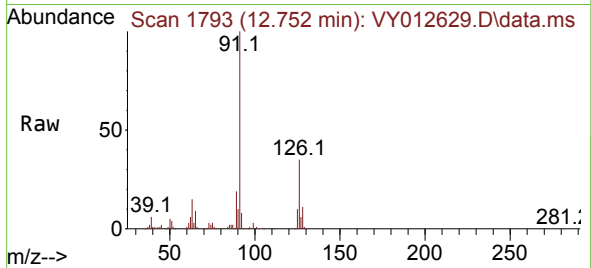




#79
2-Chlorotoluene
Concen: 21.113 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

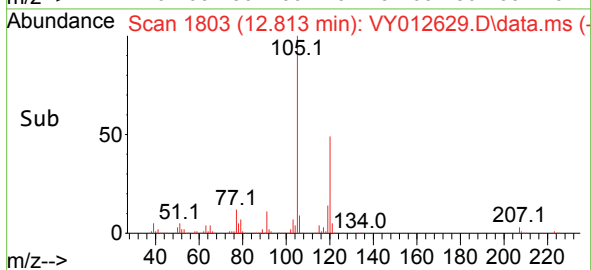
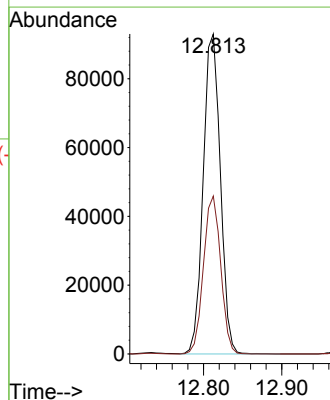
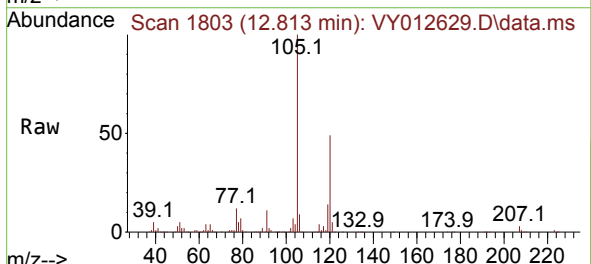
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

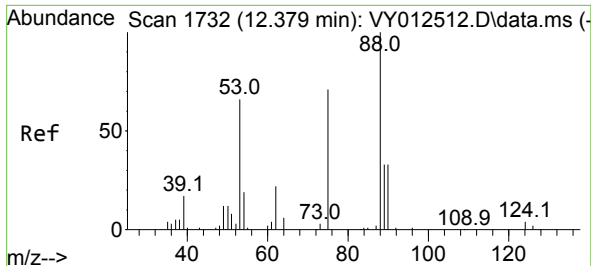
Tgt Ion: 91 Resp: 106858
Ion Ratio Lower Upper
91 100
126 37.1 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 21.201 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 105 Resp: 141373
Ion Ratio Lower Upper
105 100
120 49.6 24.6 74.0

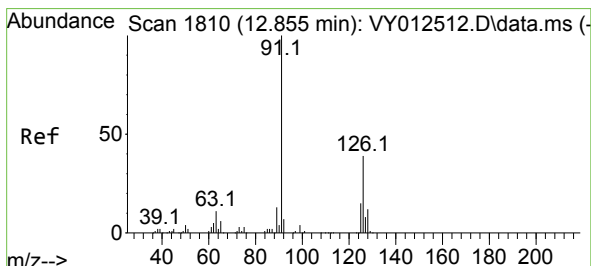
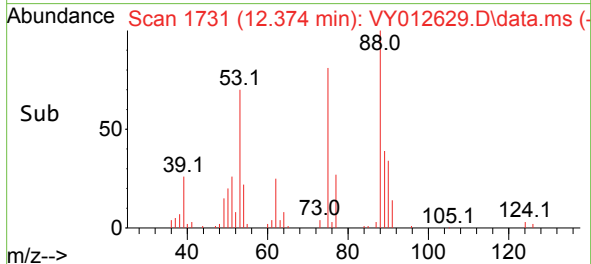
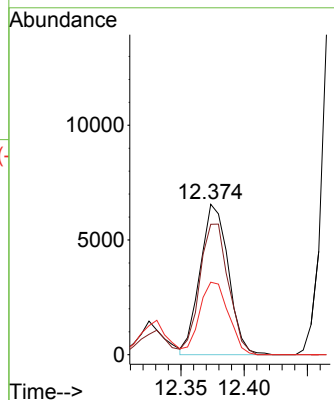
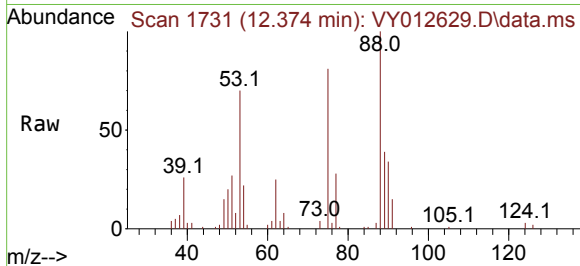




#81
trans-1,4-Dichloro-2-butene
Concen: 21.554 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

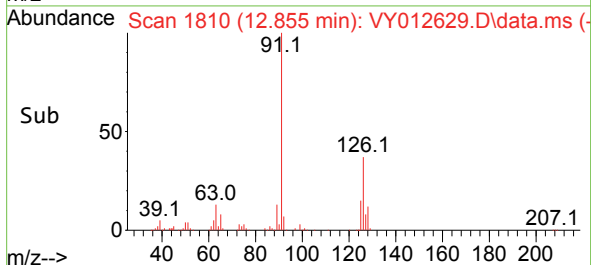
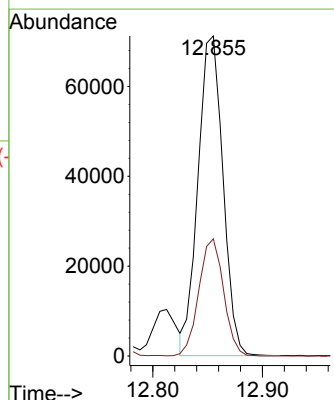
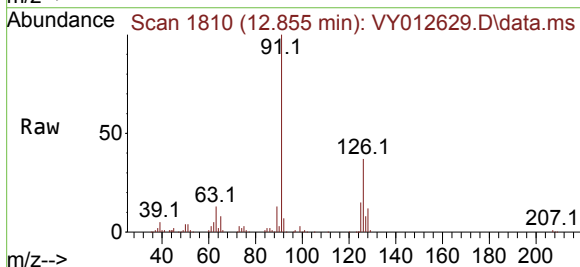
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

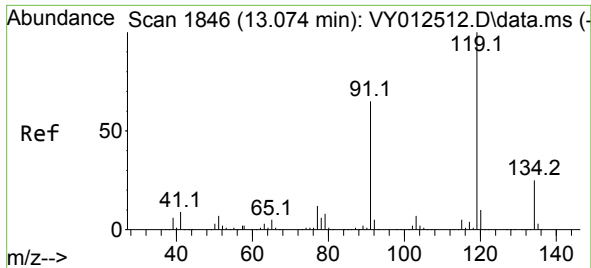
Tgt Ion: 75 Resp: 10224
Ion Ratio Lower Upper
75 100
53 88.1 73.1 109.7
89 49.3 39.9 59.9



#82
4-Chlorotoluene
Concen: 21.232 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 91 Resp: 112730
Ion Ratio Lower Upper
91 100
126 36.3 18.1 54.3

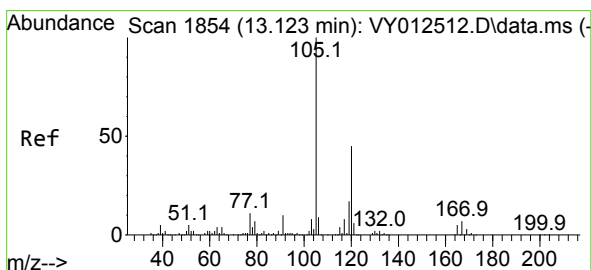
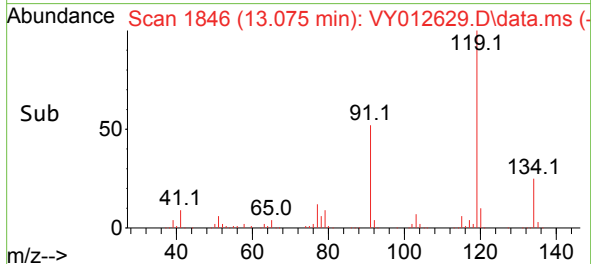
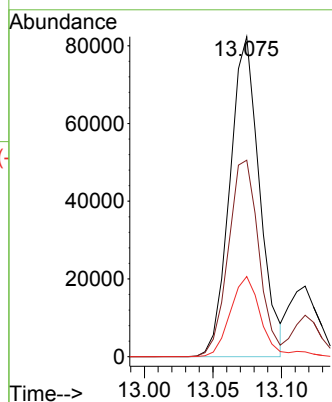
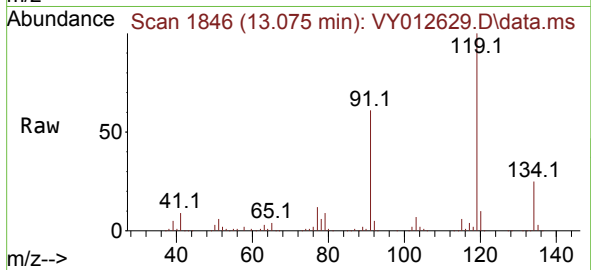




#83
tert-Butylbenzene
Concen: 21.296 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

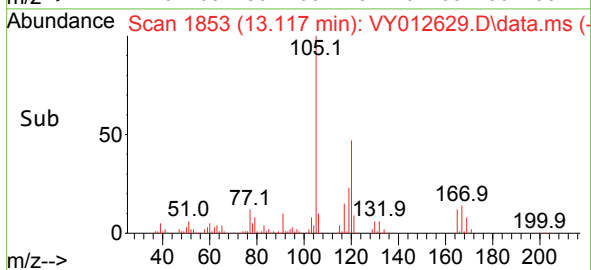
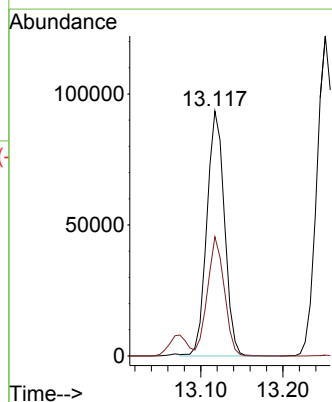
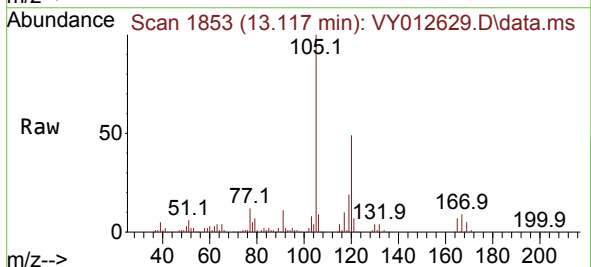
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBSD01

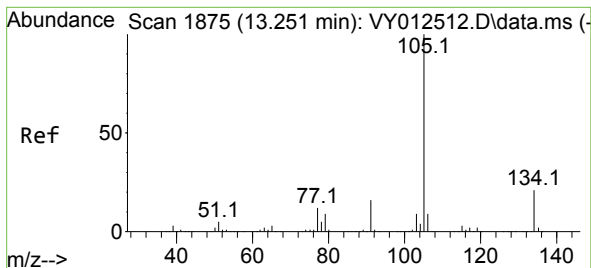
Tgt Ion:119 Resp: 124529
Ion Ratio Lower Upper
119 100
91 63.1 33.0 99.0
134 26.2 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 21.203 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion:105 Resp: 139118
Ion Ratio Lower Upper
105 100
120 46.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 21.323 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

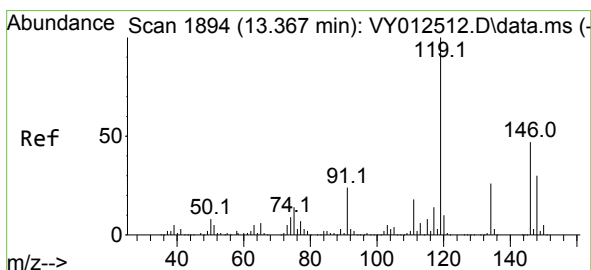
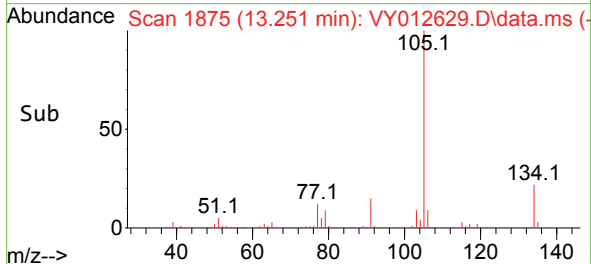
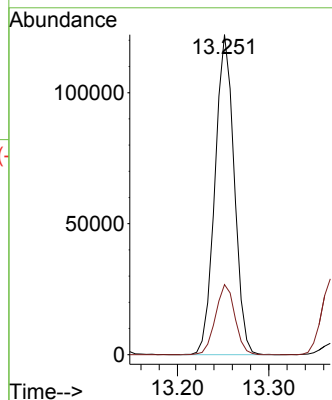
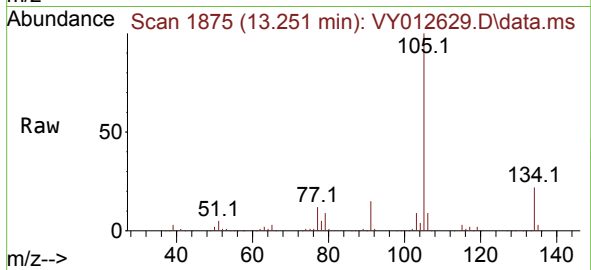
VY0216SBS01

Tgt Ion:105 Resp: 178380

Ion Ratio Lower Upper

105 100

134 22.1 10.8 32.3



#86

p-Isopropyltoluene

Concen: 21.777 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

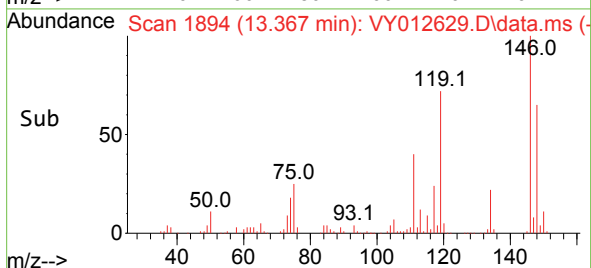
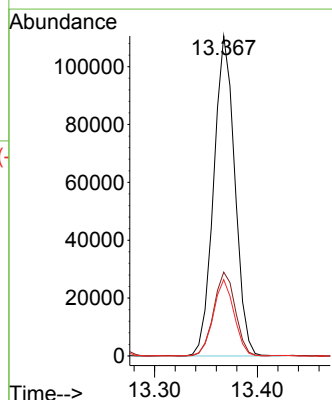
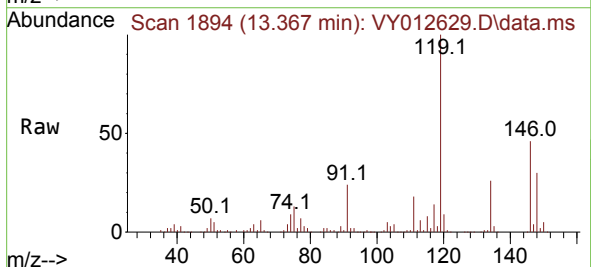
Tgt Ion:119 Resp: 158041

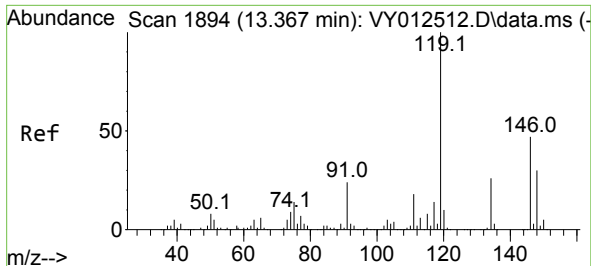
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 23.3 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 21.750 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBSD01

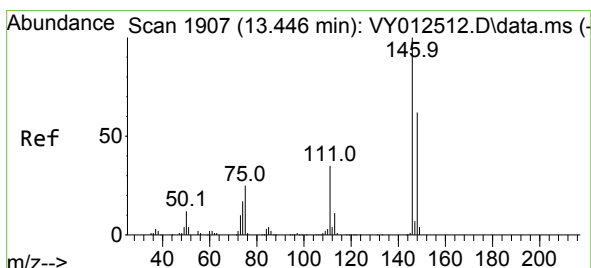
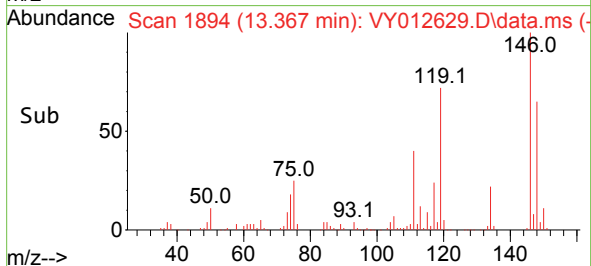
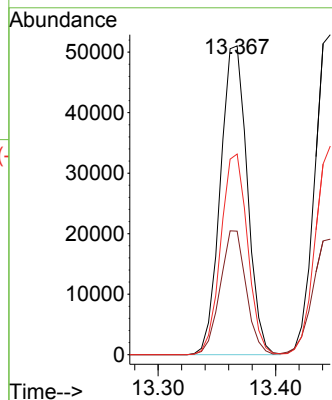
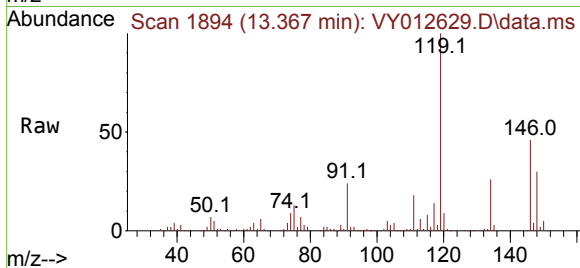
Tgt Ion:146 Resp: 81250

Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.9

148 64.5 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 21.778 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

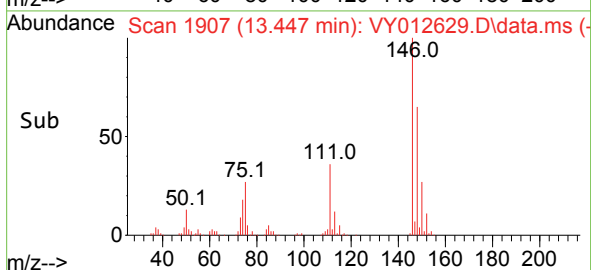
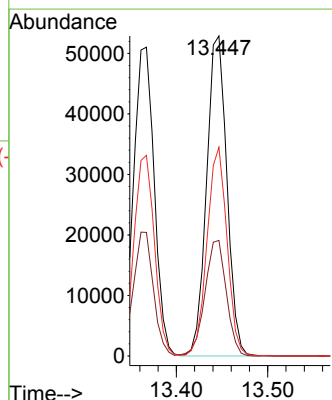
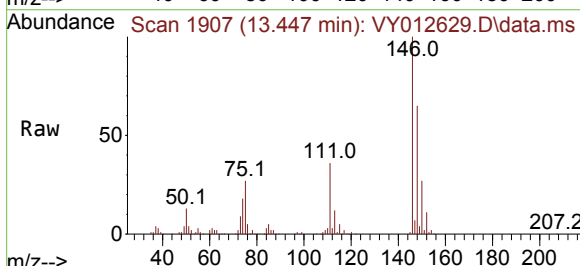
Tgt Ion:146 Resp: 81490

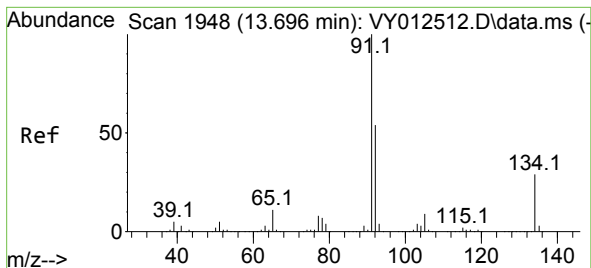
Ion Ratio Lower Upper

146 100

111 38.2 18.4 55.2

148 64.1 31.6 95.0





#89

n-Butylbenzene

Concen: 21.468 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

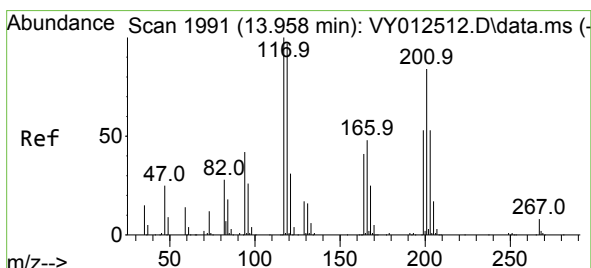
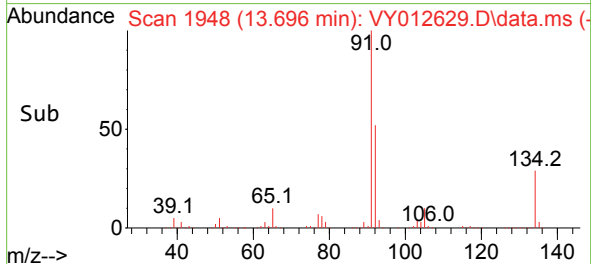
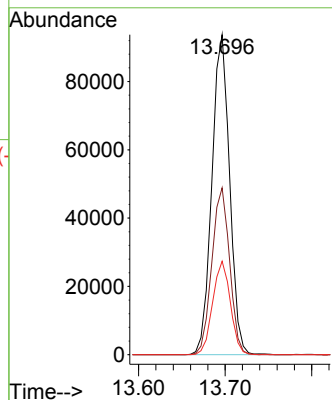
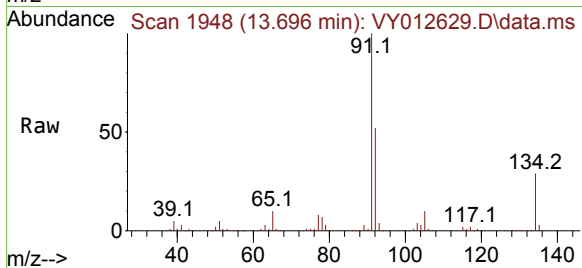
Tgt Ion: 91 Resp: 133155

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

134 29.2 14.5 43.5



#90

Hexachloroethane

Concen: 21.274 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012629.D

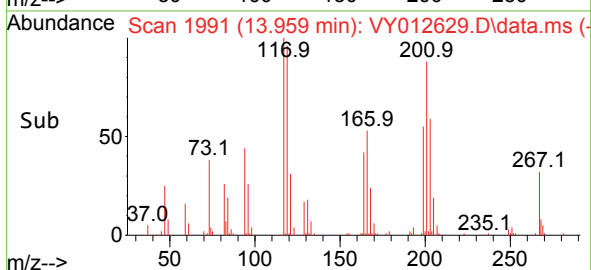
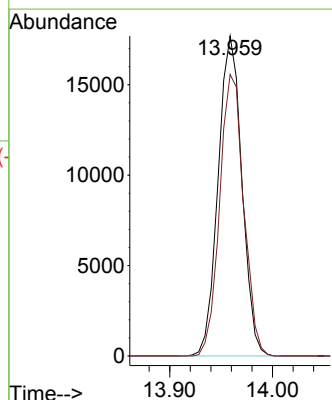
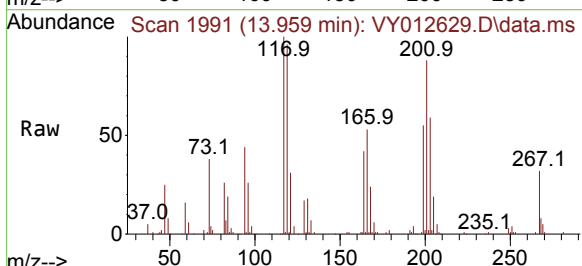
Acq: 16 Feb 2023 11:23

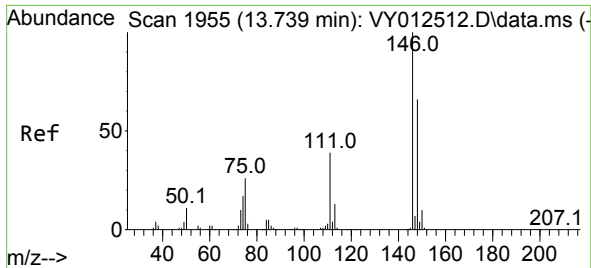
Tgt Ion: 117 Resp: 28339

Ion Ratio Lower Upper

117 100

201 89.0 43.9 131.7

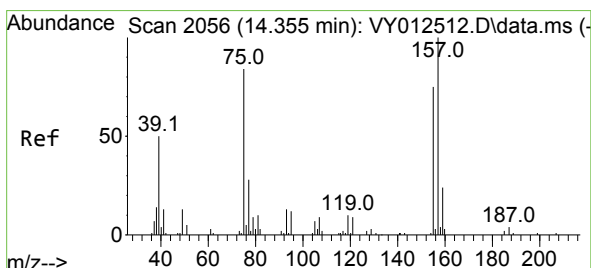
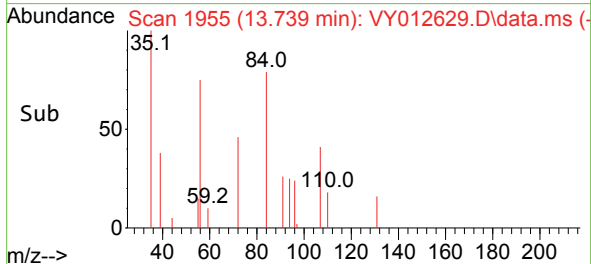
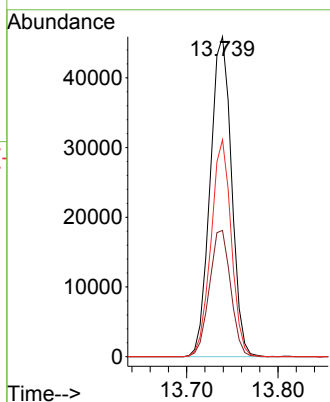
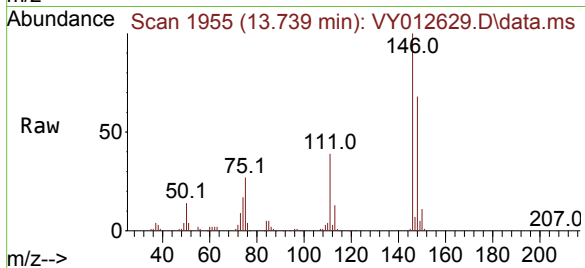




#91
1,2-Dichlorobenzene
Concen: 22.127 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

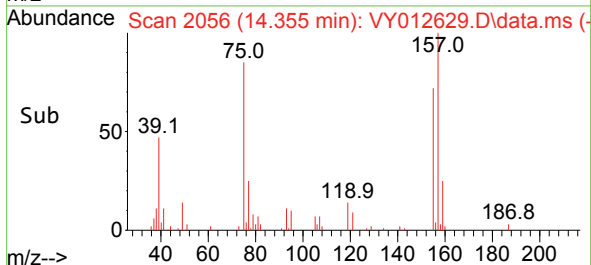
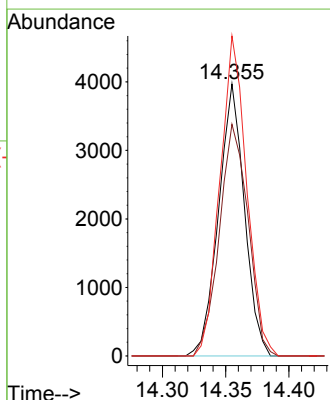
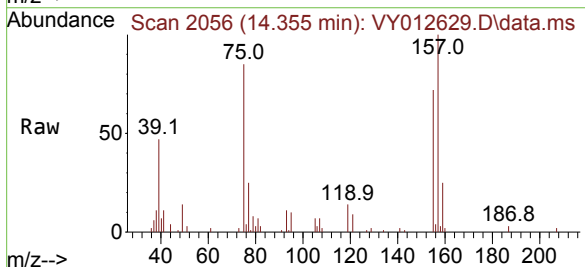
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

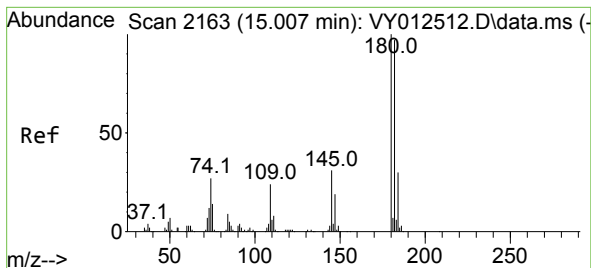
Tgt Ion:146 Resp: 74359
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.1
148 64.4 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.648 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012629.D
Acq: 16 Feb 2023 11:23

Tgt Ion: 75 Resp: 5645
Ion Ratio Lower Upper
75 100
155 94.3 46.5 139.3
157 121.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 23.026 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

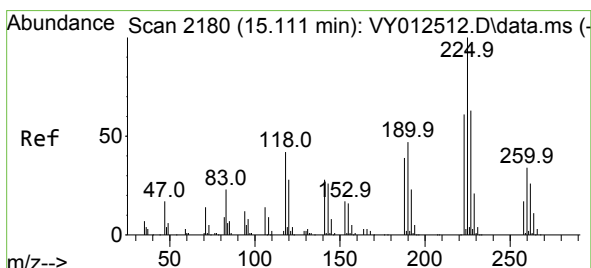
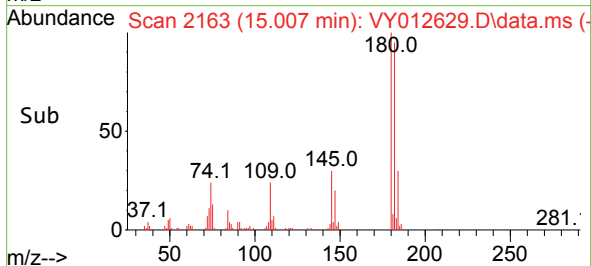
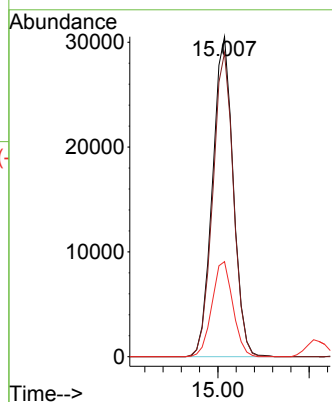
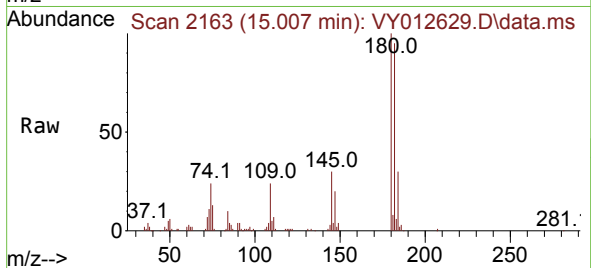
Tgt Ion:180 Resp: 47946

Ion Ratio Lower Upper

180 100

182 94.9 47.7 143.1

145 30.0 15.4 46.4



#94

Hexachlorobutadiene

Concen: 23.159 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

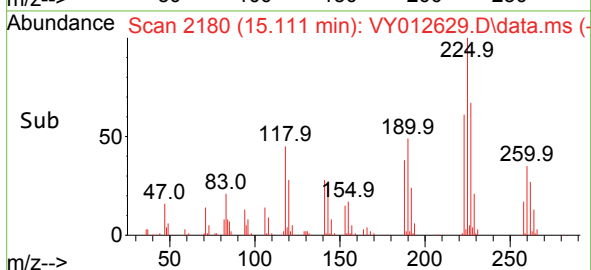
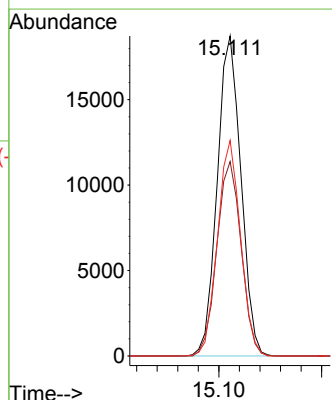
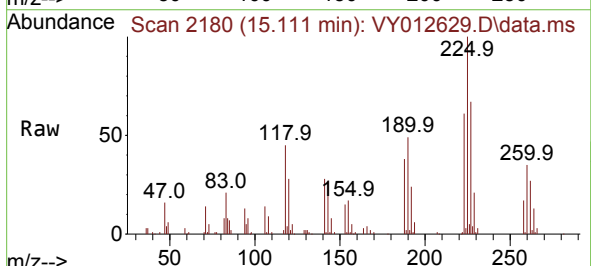
Tgt Ion:225 Resp: 29957

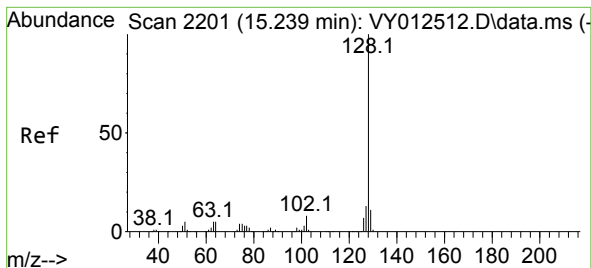
Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.3

227 65.6 31.9 95.5





#95

Naphthalene

Concen: 23.849 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

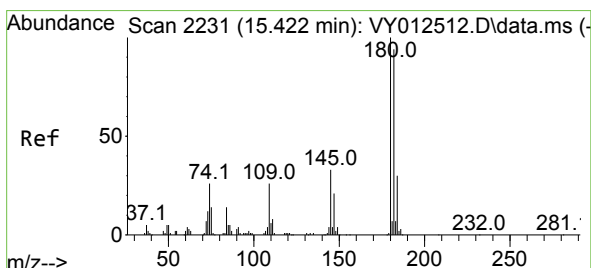
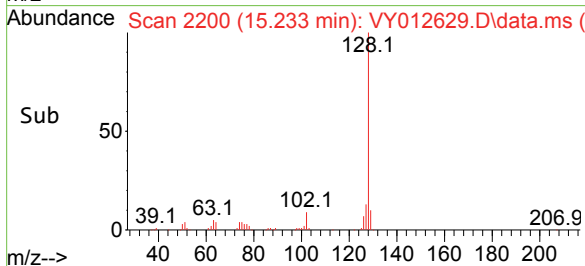
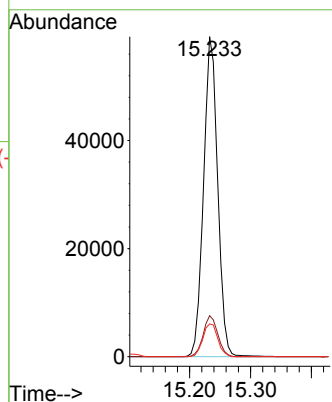
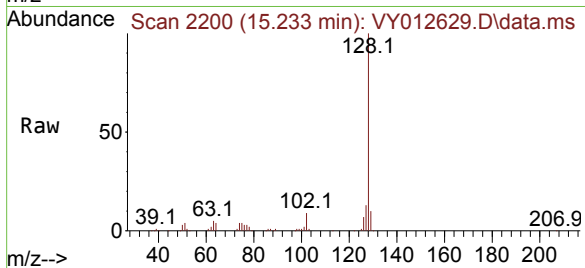
Tgt Ion:128 Resp: 95330

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 23.515 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY012629.D

Acq: 16 Feb 2023 11:23

Tgt Ion:180 Resp: 42384

Ion Ratio Lower Upper

180 100

182 92.9 47.4 142.2

145 32.8 16.2 48.6

