

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021623\
 Data File : VY012628.D
 Acq On : 16 Feb 2023 11:00
 Operator : KP/MD
 Sample : VY0216SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0216SBS01

Quant Time: Feb 16 21:56:22 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	125352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	179365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	169687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96966	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	83478	52.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.740%	
35) Dibromofluoromethane	7.716	113	71498	54.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.480%	
50) Toluene-d8	10.179	98	293274	53.941	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.880%	
62) 4-Bromofluorobenzene	12.477	95	101676	53.614	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.220%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.906	85	19981	20.474	ug/l 98
3) Chloromethane	2.113	50	17369	17.784	ug/l 100
4) Vinyl Chloride	2.247	62	23178	19.048	ug/l 97
5) Bromomethane	2.644	94	20119	20.975	ug/l 97
6) Chloroethane	2.790	64	17678	20.872	ug/l 98
7) Trichlorofluoromethane	3.119	101	53096	21.230	ug/l 97
8) Diethyl Ether	3.528	74	15495	20.894	ug/l 94
9) 1,1,2-Trichlorotrifluo...	3.893	101	25944	20.542	ug/l 98
10) Methyl Iodide	4.095	142	28414	17.354	ug/l 98
11) Tert butyl alcohol	4.942	59	21449	135.205	ug/l # 94
12) 1,1-Dichloroethene	3.869	96	24646	19.750	ug/l 90
13) Acrolein	3.723	56	15797	84.300	ug/l 99
14) Allyl chloride	4.473	41	27345	17.972	ug/l 93
15) Acrylonitrile	5.155	53	35256	103.043	ug/l 99
16) Acetone	3.942	43	37974	98.980	ug/l 98
17) Carbon Disulfide	4.186	76	54670	16.890	ug/l 97
18) Methyl Acetate	4.473	43	18363	19.913	ug/l 97
19) Methyl tert-butyl Ether	5.216	73	76285	20.891	ug/l 95
20) Methylene Chloride	4.710	84	32511	20.168	ug/l 95
21) trans-1,2-Dichloroethene	5.216	96	26994	19.834	ug/l 97
22) Diisopropyl ether	6.119	45	64173	20.742	ug/l 97
23) Vinyl Acetate	6.058	43	188927	101.296	ug/l 98
24) 1,1-Dichloroethane	6.009	63	44753	20.235	ug/l 99
25) 2-Butanone	6.978	43	42953	100.908	ug/l 94
26) 2,2-Dichloropropane	6.978	77	50148	20.637	ug/l 99
27) cis-1,2-Dichloroethene	6.984	96	32537	20.601	ug/l 98
28) Bromochloromethane	7.332	49	15624	19.434	ug/l 95
29) Tetrahydrofuran	7.344	42	23788	103.371	ug/l 97
30) Chloroform	7.502	83	55537	20.827	ug/l 98
31) Cyclohexane	7.783	56	34372	18.650	ug/l 94
32) 1,1,1-Trichloroethane	7.698	97	54872	21.206	ug/l 99
36) 1,1-Dichloropropene	7.917	75	36479	20.634	ug/l 98
37) Ethyl Acetate	7.070	43	16959	21.259	ug/l 99
38) Carbon Tetrachloride	7.899	117	52274	22.028	ug/l 93
39) Methylcyclohexane	9.179	83	43174	20.295	ug/l 97
40) Benzene	8.161	78	111034	21.265	ug/l 96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8052	18.424	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	37825	22.350	ug/l	100
43) Isopropyl Acetate	8.271	43	31435	21.254	ug/l	98
44) Trichloroethene	8.935	130	34234	21.538	ug/l	92
45) 1,2-Dichloropropane	9.216	63	23092	20.395	ug/l	95
46) Dibromomethane	9.307	93	16258	21.686	ug/l	97
47) Bromodichloromethane	9.496	83	42472	21.849	ug/l	99
48) Methyl methacrylate	9.289	41	14207	21.014	ug/l	96
49) 1,4-Dioxane	9.295	88	4922	475.594	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	87846	110.084	ug/l	100
52) Toluene	10.240	92	76078	21.485	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	43043	21.975	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	44953	21.207	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	24692	22.541	ug/l	98
56) Ethyl methacrylate	10.508	69	29866	21.701	ug/l	99
57) 1,3-Dichloropropane	10.788	76	39213	22.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	70613	114.149	ug/l	98
59) 2-Hexanone	10.831	43	66064	109.550	ug/l	99
60) Dibromochloromethane	10.984	129	33233	22.759	ug/l	97
61) 1,2-Dibromoethane	11.087	107	23087	22.493	ug/l	100
64) Tetrachloroethene	10.721	164	39150	22.100	ug/l	94
65) Chlorobenzene	11.514	112	85520	21.249	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	34701	22.002	ug/l	98
67) Ethyl Benzene	11.593	91	148909	21.075	ug/l	98
68) m/p-Xylenes	11.703	106	121086	42.933	ug/l	98
69) o-Xylene	12.026	106	56832	21.159	ug/l	99
70) Styrene	12.044	104	97974	21.508	ug/l	99
71) Bromoform	12.209	173	22745	22.816	ug/l #	97
73) Isopropylbenzene	12.331	105	158768	20.238	ug/l	99
74) N-amyl acetate	12.142	43	28288	19.919	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	25010	19.716	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	38536	35.571	ug/l #	100
77) Bromobenzene	12.605	156	39257	20.646	ug/l	97
78) n-propylbenzene	12.672	91	183063	20.273	ug/l	100
79) 2-Chlorotoluene	12.752	91	104100	20.308	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	139022	20.585	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	9501	19.777	ug/l	98
82) 4-Chlorotoluene	12.855	91	108340	20.148	ug/l	100
83) tert-Butylbenzene	13.075	119	122268	20.646	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	137514	20.694	ug/l	100
85) sec-Butylbenzene	13.251	105	173943	20.531	ug/l	99
86) p-Isopropyltoluene	13.367	119	151520	20.615	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	78461	20.738	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	79029	20.854	ug/l	98
89) n-Butylbenzene	13.696	91	128818	20.507	ug/l	99
90) Hexachloroethane	13.959	117	27413	20.320	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	71463	20.997	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5572	22.073	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	45619	21.632	ug/l	99
94) Hexachlorobutadiene	15.111	225	28828	22.005	ug/l	99
95) Naphthalene	15.233	128	88150	21.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	40267	22.059	ug/l	99

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QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration

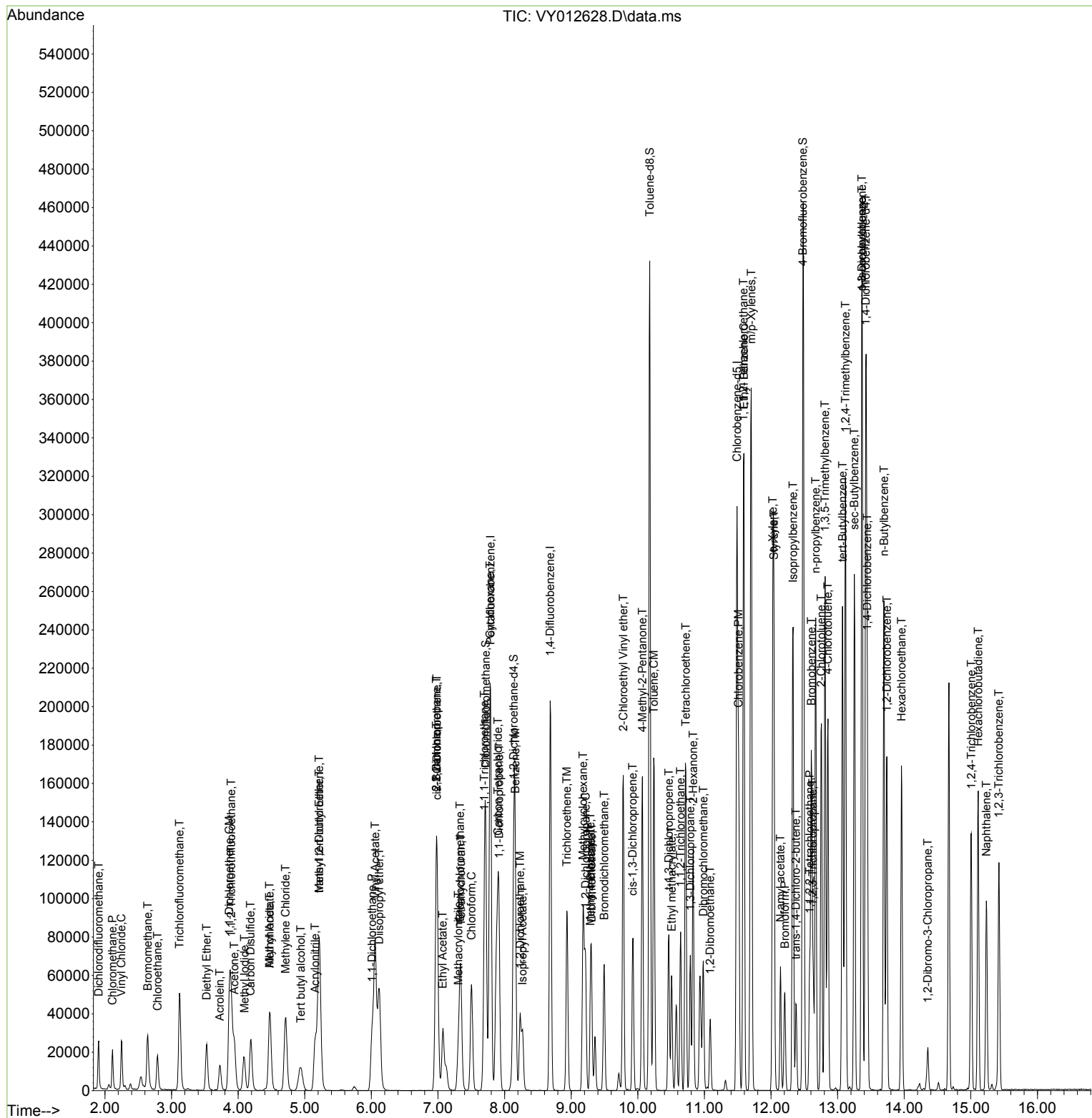
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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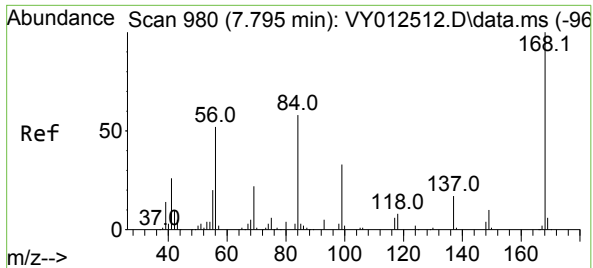
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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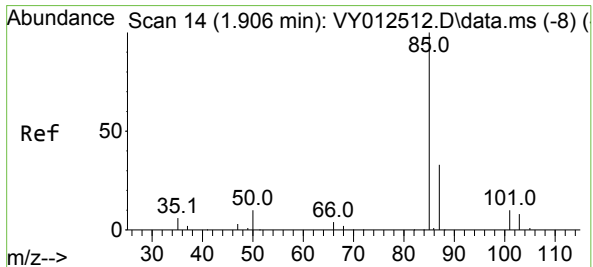
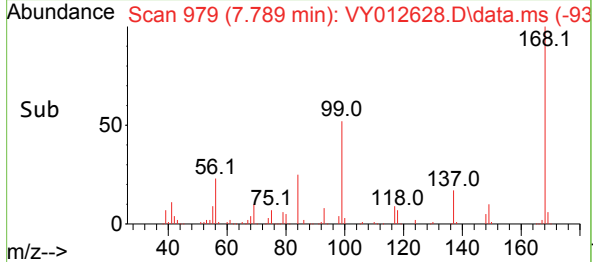
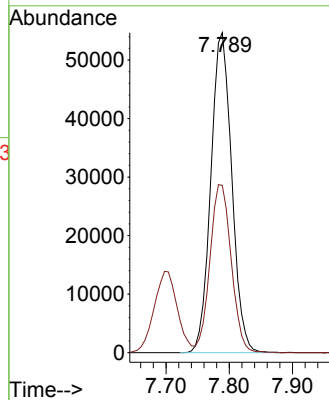
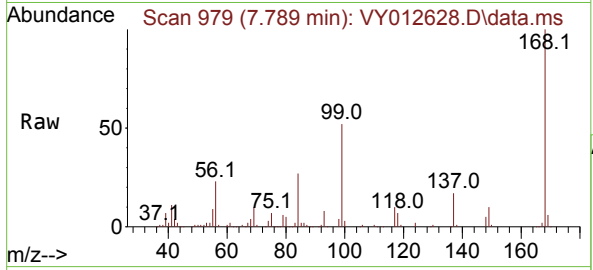




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY012628.D
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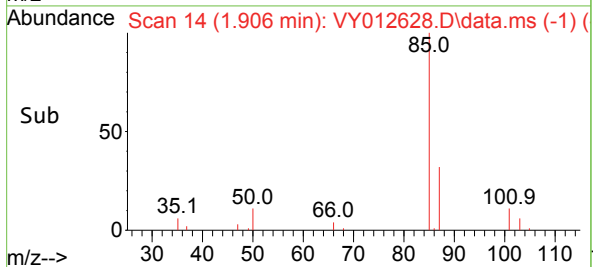
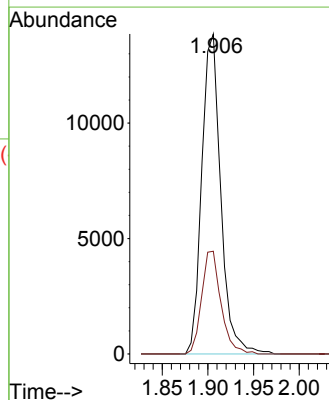
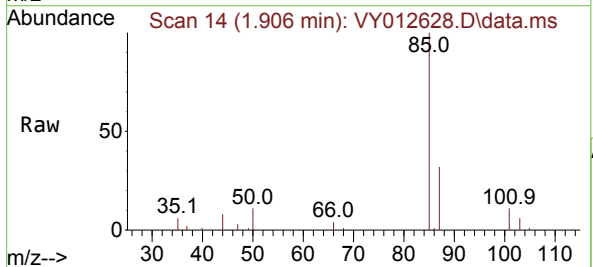
Instrument :
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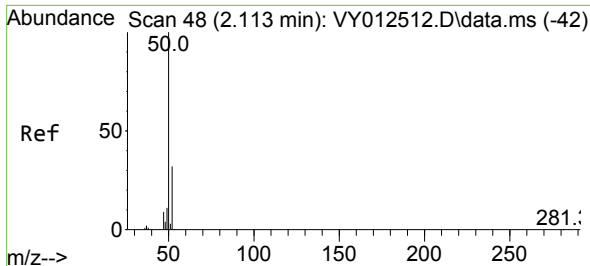
Tgt Ion:168 Resp: 125352
Ion Ratio Lower Upper
168 100
99 52.3 40.8 61.2



#2
Dichlorodifluoromethane
Concen: 20.474 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 85 Resp: 19981
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.8

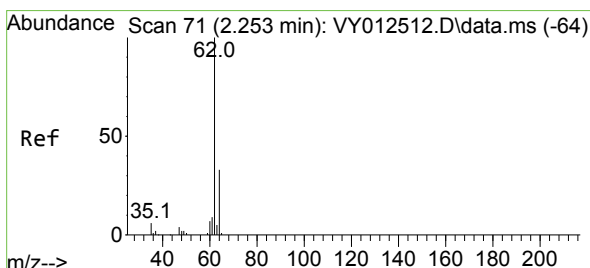
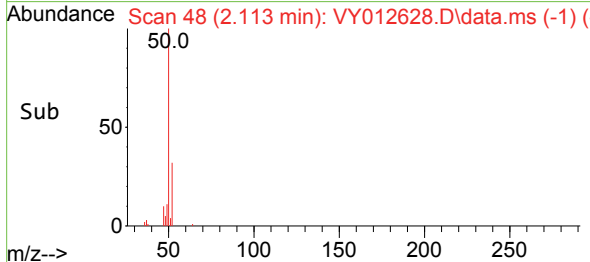
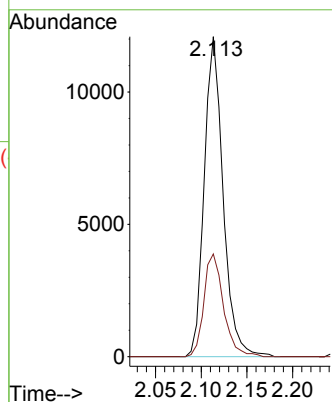
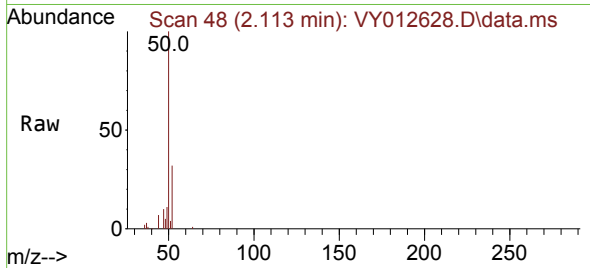




#3
Chloromethane
Concen: 17.784 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

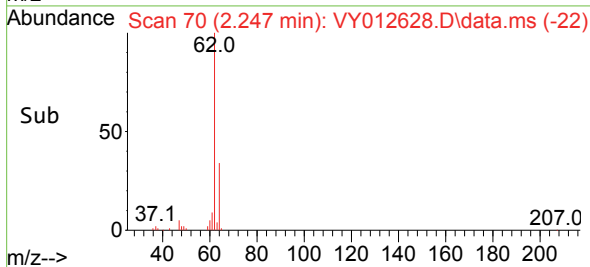
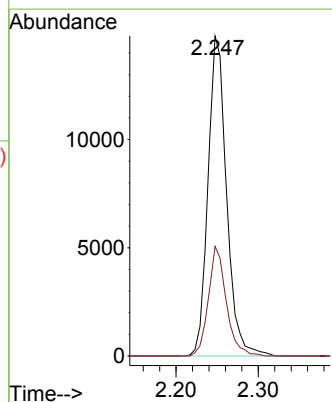
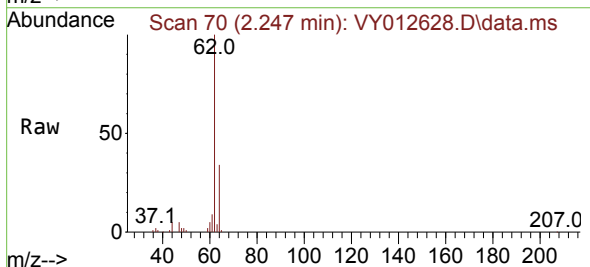
Instrument :
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ClientSampleId :
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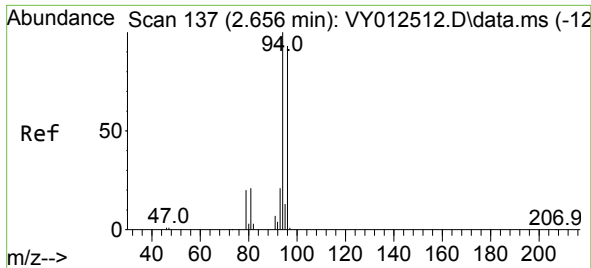
Tgt Ion: 50 Resp: 17369
Ion Ratio Lower Upper
50 100
52 32.1 25.8 38.6



#4
Vinyl Chloride
Concen: 19.048 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 62 Resp: 23178
Ion Ratio Lower Upper
62 100
64 34.3 26.1 39.1

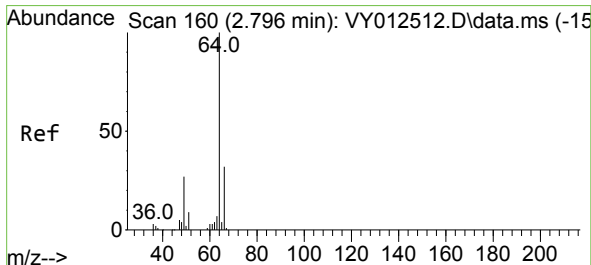
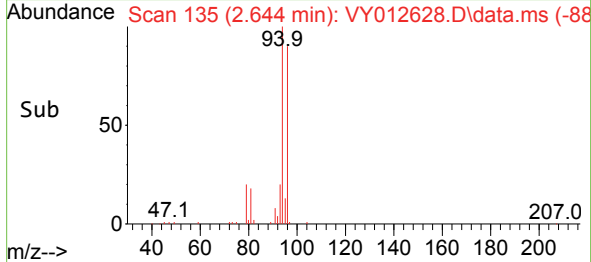
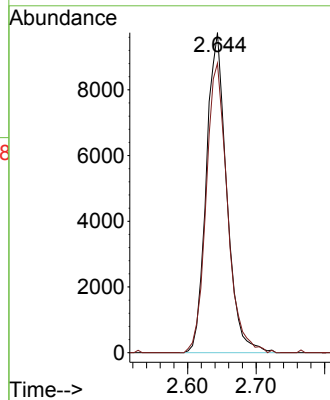
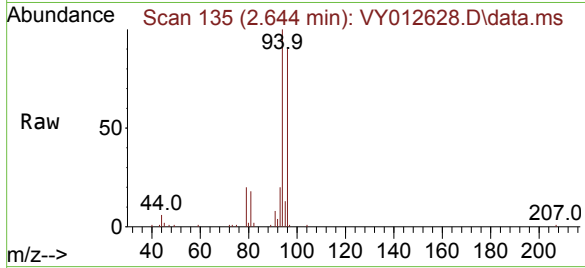




#5
Bromomethane
Concen: 20.975 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

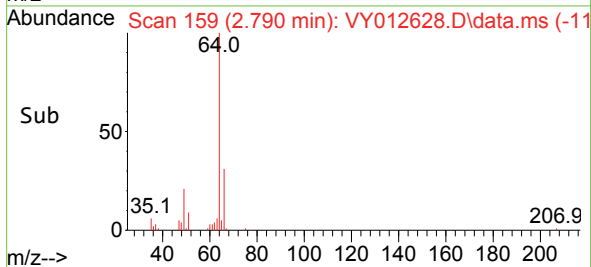
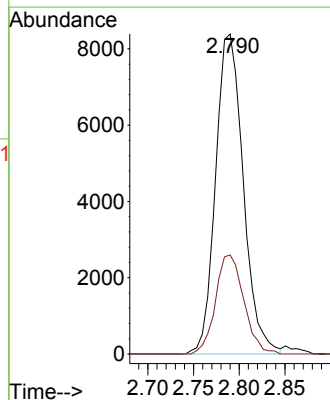
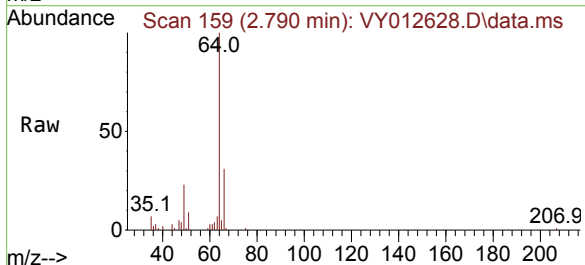
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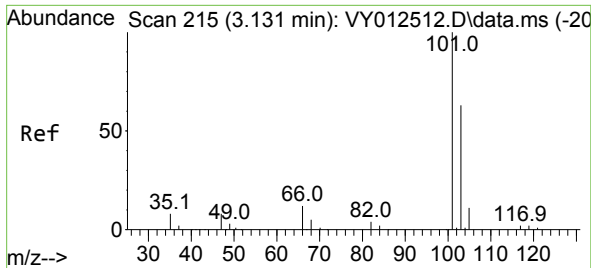
Tgt Ion: 94 Resp: 20119
Ion Ratio Lower Upper
94 100
96 90.4 74.7 112.1



#6
Chloroethane
Concen: 20.872 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 64 Resp: 17678
Ion Ratio Lower Upper
64 100
66 30.9 25.7 38.5

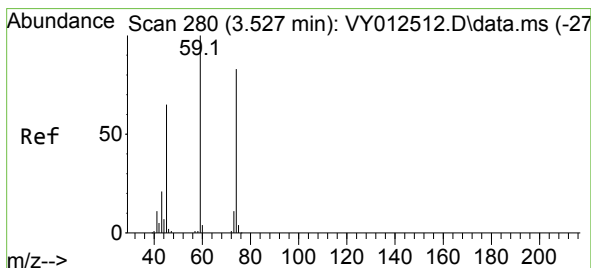
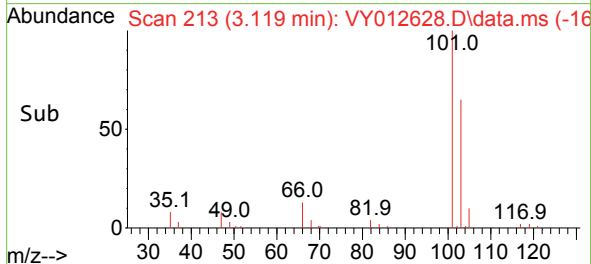
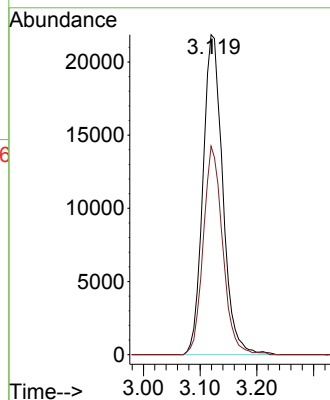
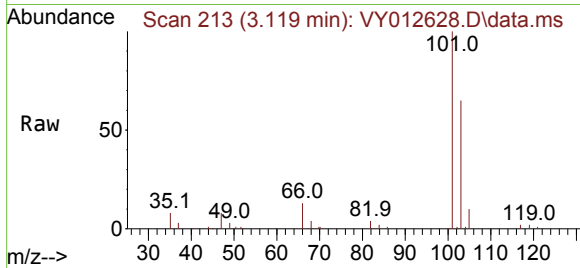




#7
 Trichlorofluoromethane
 Concen: 21.230 ug/l
 RT: 3.119 min Scan# 215
 Delta R.T. -0.012 min
 Lab File: VY012628.D
 Acq: 16 Feb 2023 11:00

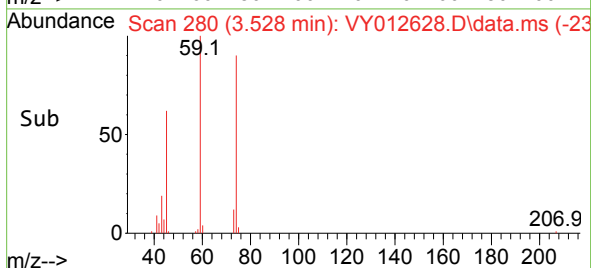
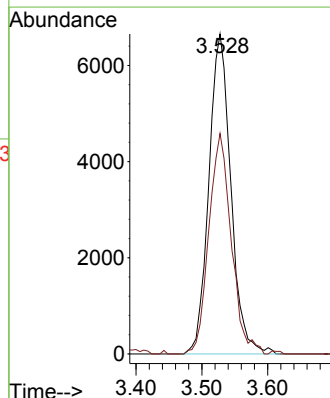
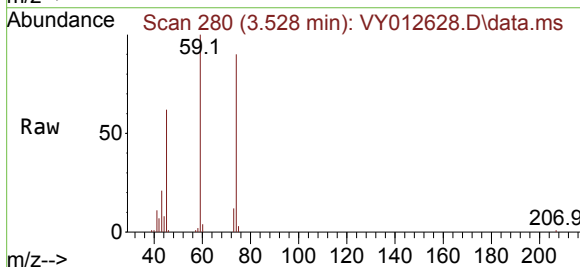
Instrument :
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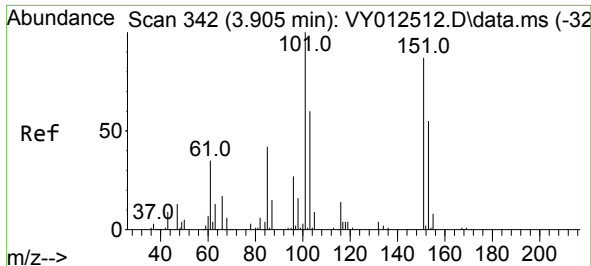
Tgt Ion:101 Resp: 53096
 Ion Ratio Lower Upper
 101 100
 103 65.1 50.1 75.1



#8
 Diethyl Ether
 Concen: 20.894 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY012628.D
 Acq: 16 Feb 2023 11:00

Tgt Ion: 74 Resp: 15495
 Ion Ratio Lower Upper
 74 100
 45 70.2 37.8 113.4

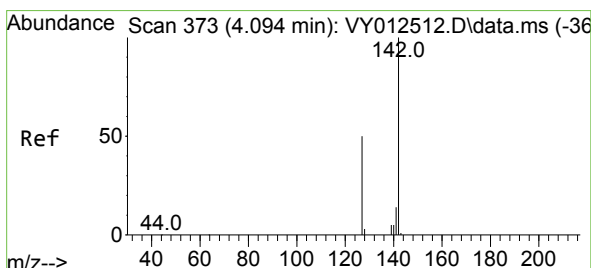
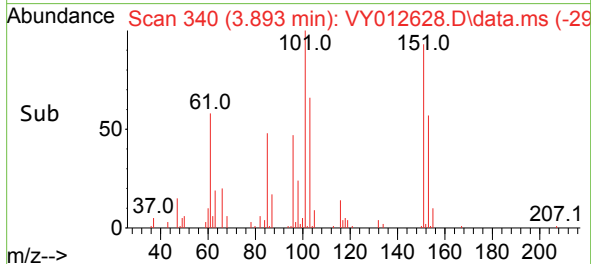
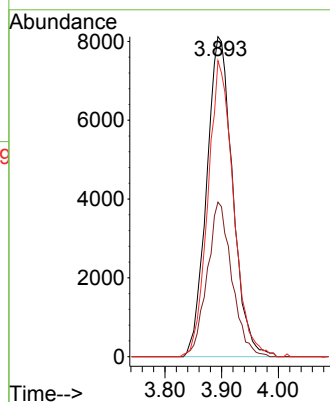
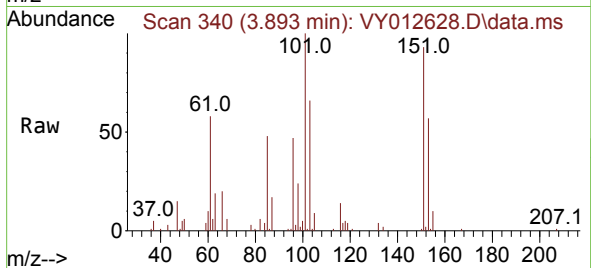




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.542 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

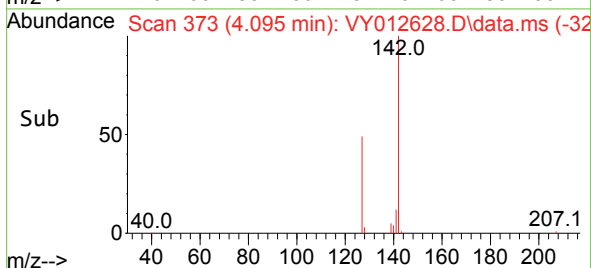
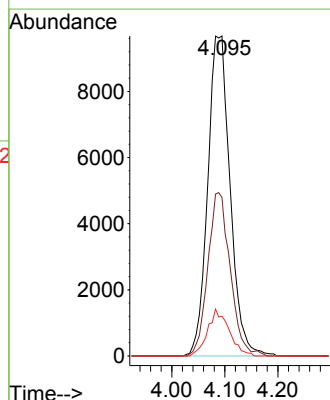
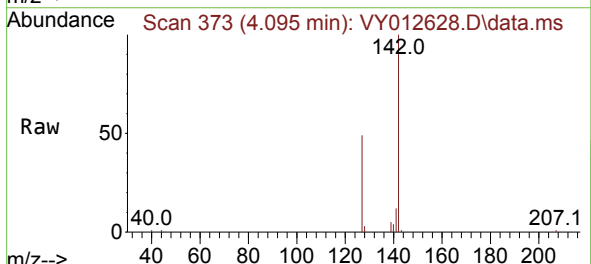
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

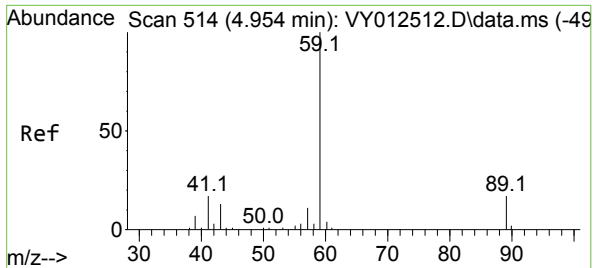
Tgt Ion:101 Resp: 25944
Ion Ratio Lower Upper
101 100
85 45.8 36.1 54.1
151 90.5 70.7 106.1



#10
Methyl Iodide
Concen: 17.354 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.001 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion:142 Resp: 28414
Ion Ratio Lower Upper
142 100
127 50.9 39.8 59.6
141 14.0 11.6 17.4

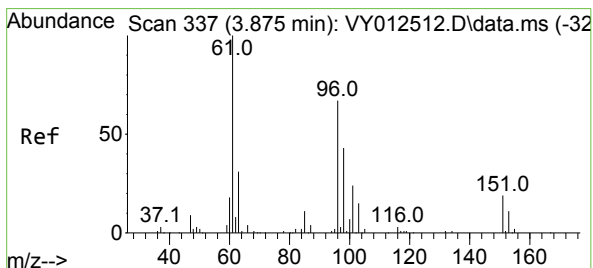
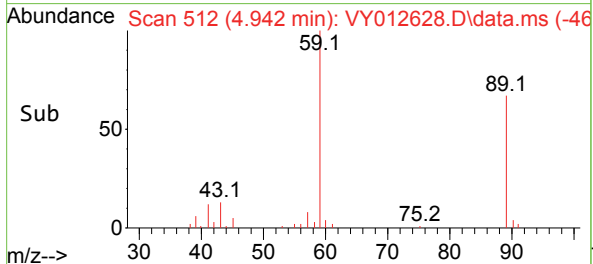
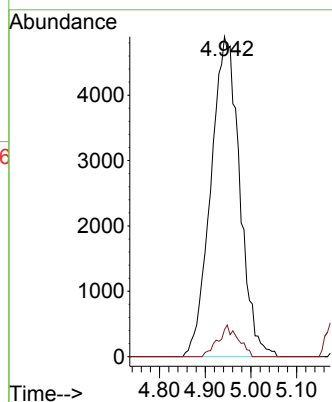
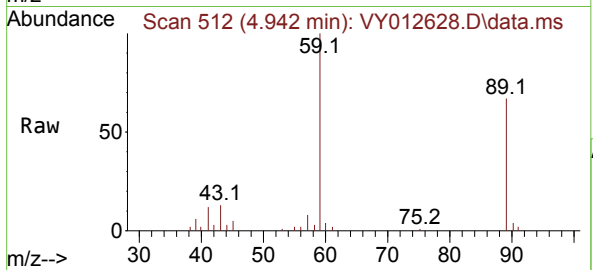




#11
Tert butyl alcohol
Concen: 135.205 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

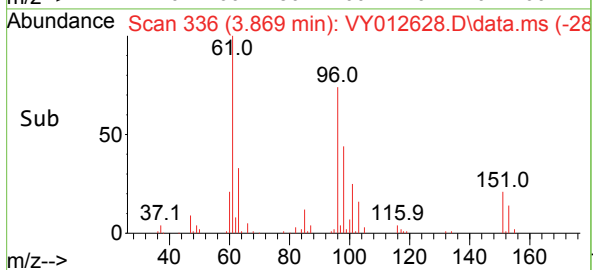
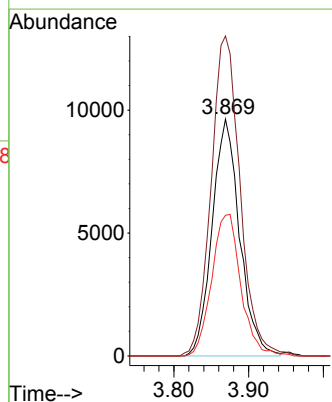
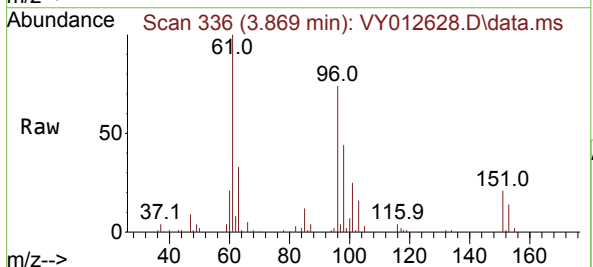
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

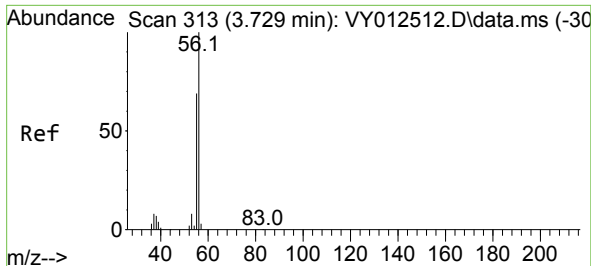
Tgt Ion: 59 Resp: 21449
Ion Ratio Lower Upper
59 100
57 6.9 7.2 10.8#



#12
1,1-Dichloroethene
Concen: 19.750 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 96 Resp: 24646
Ion Ratio Lower Upper
96 100
61 135.2 119.4 179.2
98 59.4 51.9 77.9





#13

Acrolein

Concen: 84.300 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

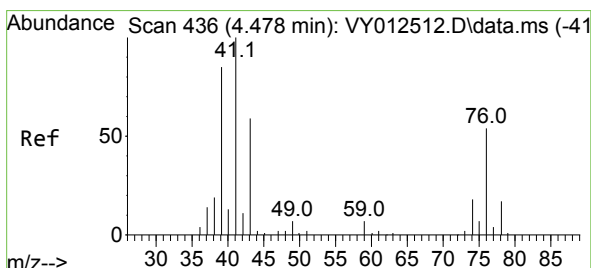
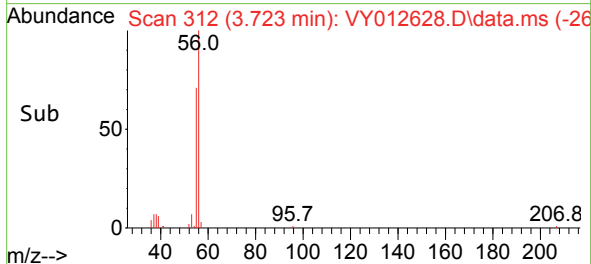
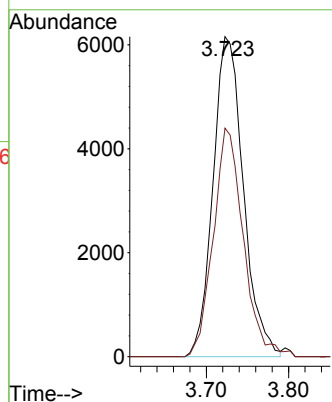
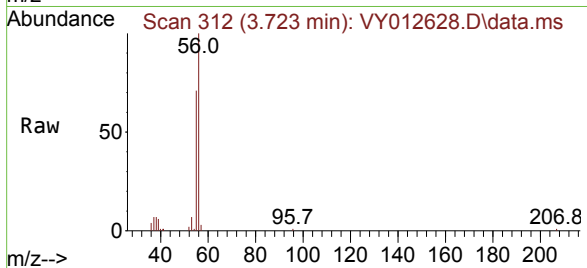
VY0216SBS01

Tgt Ion: 56 Resp: 15797

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



#14

Allyl chloride

Concen: 17.972 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

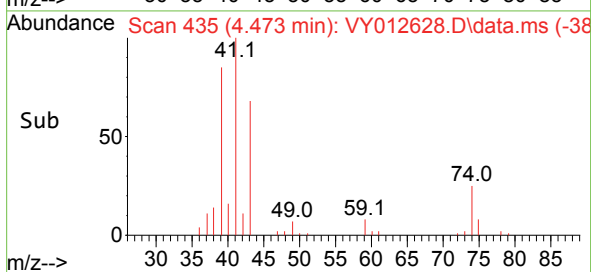
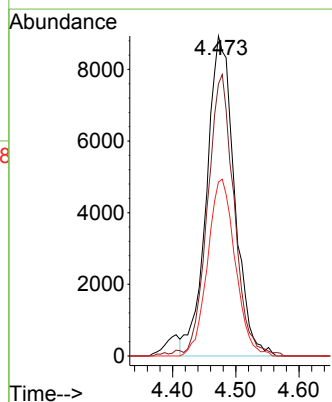
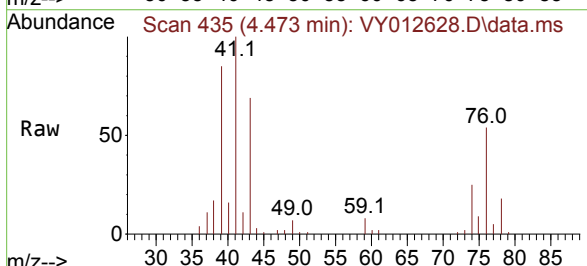
Tgt Ion: 41 Resp: 27345

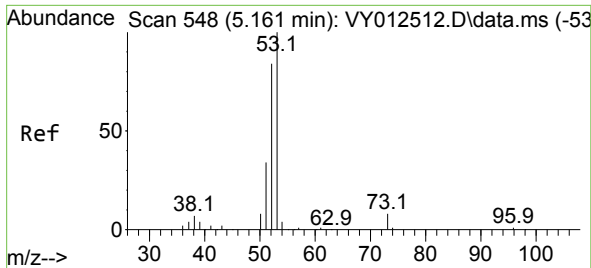
Ion Ratio Lower Upper

41 100

39 84.3 62.6 94.0

76 54.7 39.6 59.4

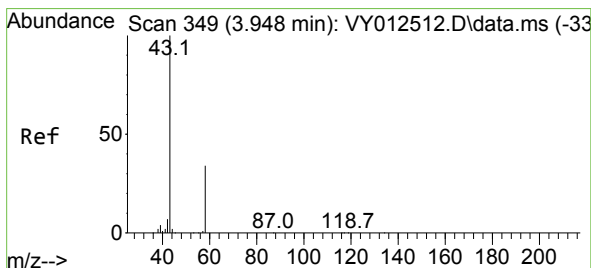
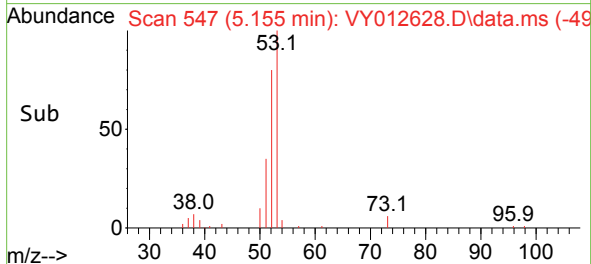
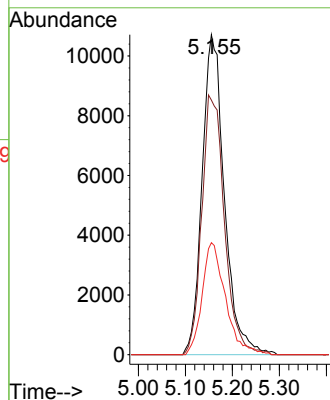
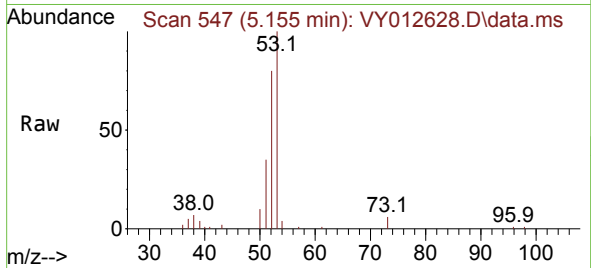




#15
Acrylonitrile
Concen: 103.043 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

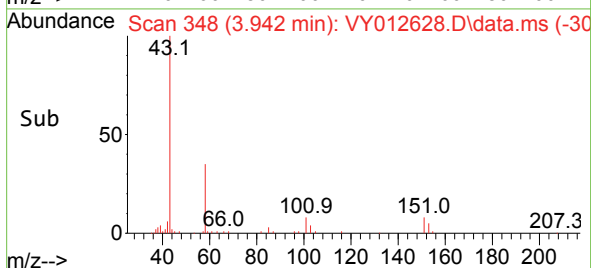
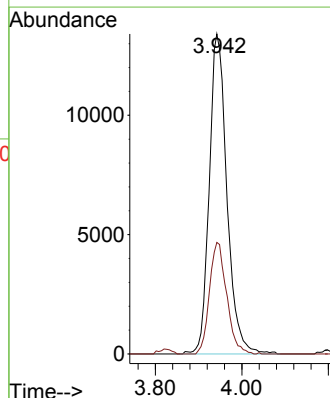
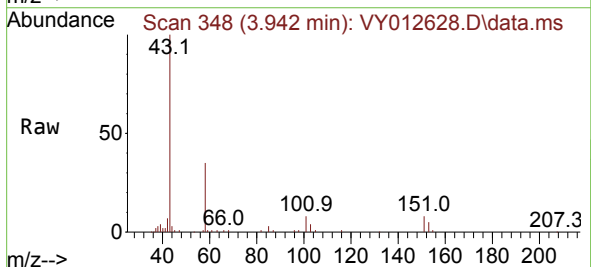
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

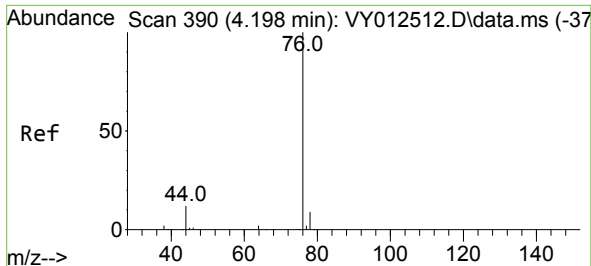
Tgt Ion: 53	Resp:	35256	
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.0	97.4
51	36.7	28.7	43.1



#16
Acetone
Concen: 98.980 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 43	Resp:	37974	
Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.1	40.7

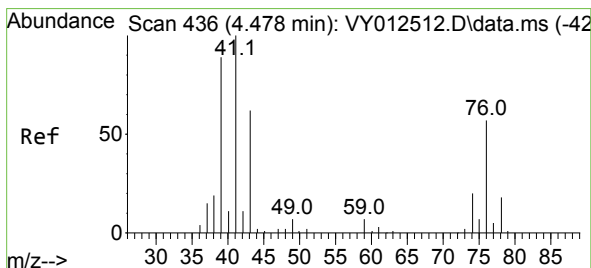
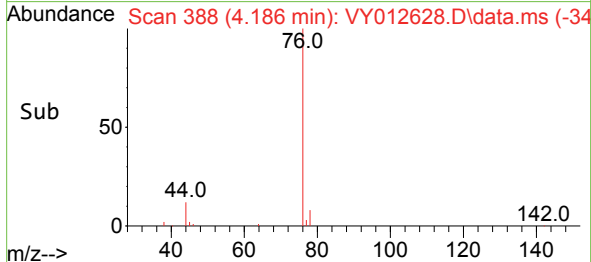
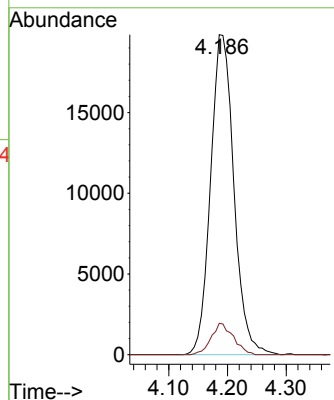
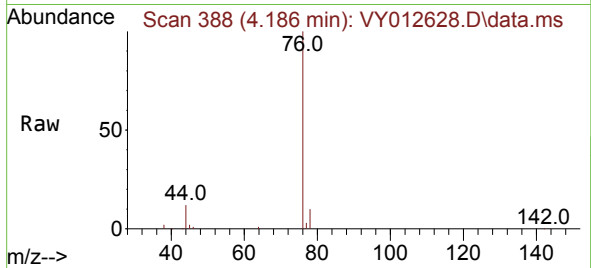




#17
Carbon Disulfide
Concen: 16.890 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.012 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

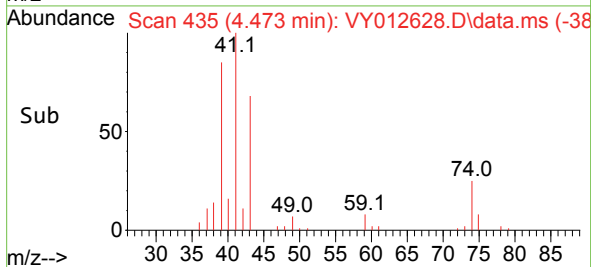
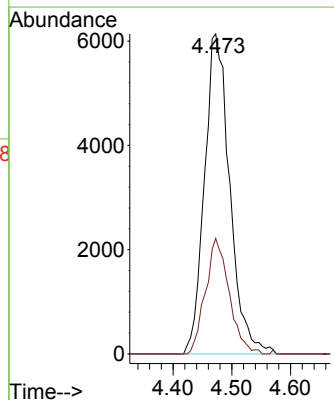
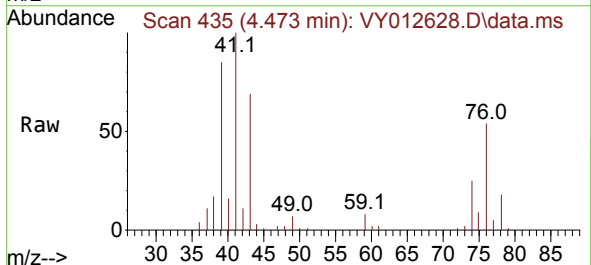
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

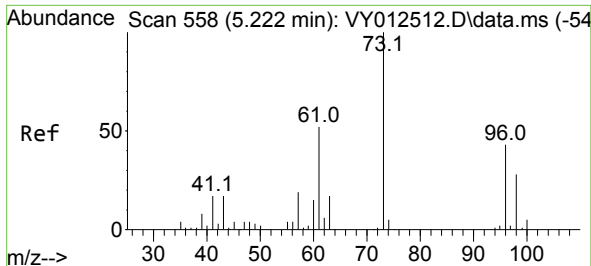
Tgt Ion: 76 Resp: 54670
Ion Ratio Lower Upper
76 100
78 9.8 6.9 10.3



#18
Methyl Acetate
Concen: 19.913 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 43 Resp: 18363
Ion Ratio Lower Upper
43 100
74 33.8 25.6 38.4

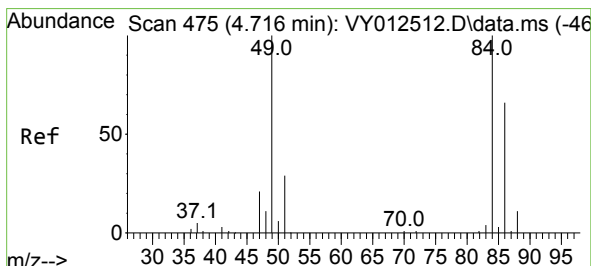
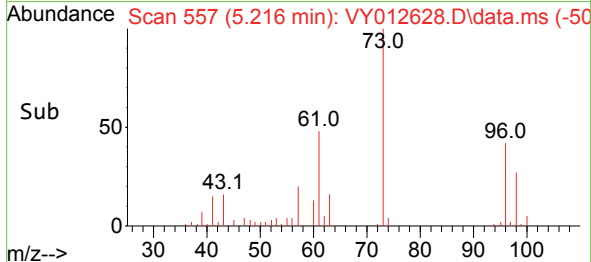
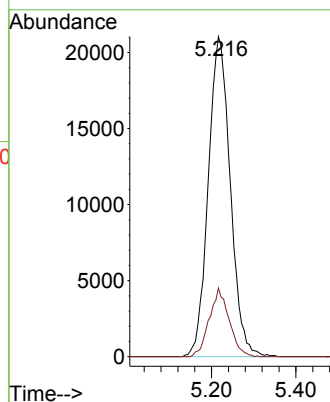
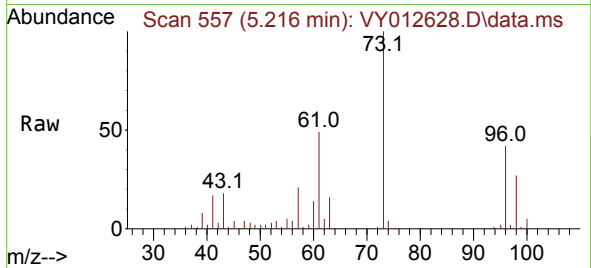




#19
Methyl tert-butyl Ether
Concen: 20.891 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

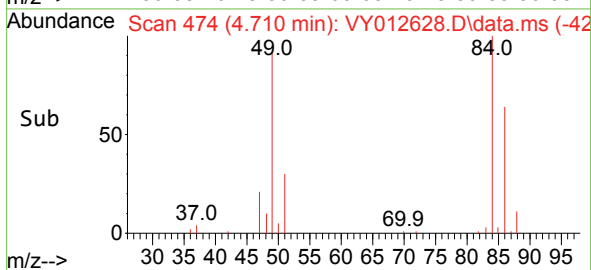
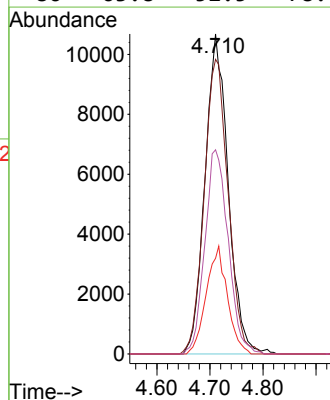
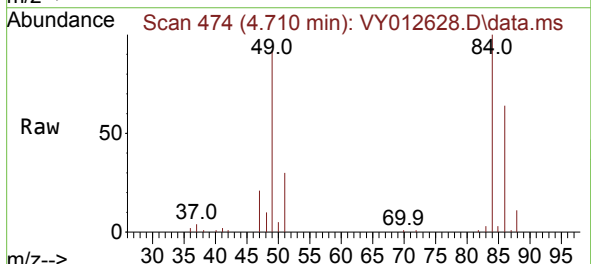
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

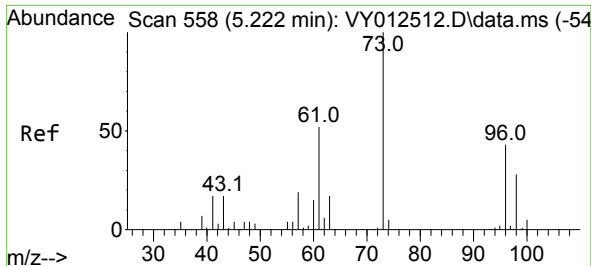
Tgt Ion: 73 Resp: 76285
Ion Ratio Lower Upper
73 100
57 21.5 15.3 22.9



#20
Methylene Chloride
Concen: 20.168 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 84 Resp: 32511
Ion Ratio Lower Upper
84 100
49 92.1 79.8 119.6
51 29.9 23.4 35.2
86 63.8 52.5 78.7

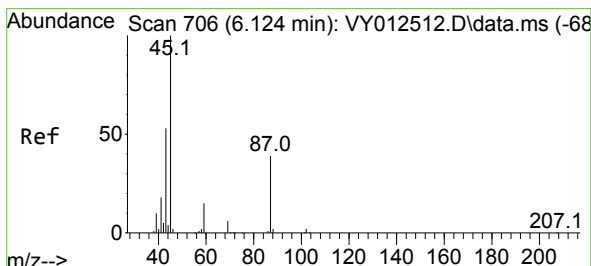
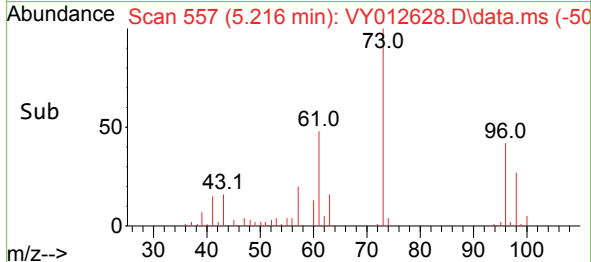
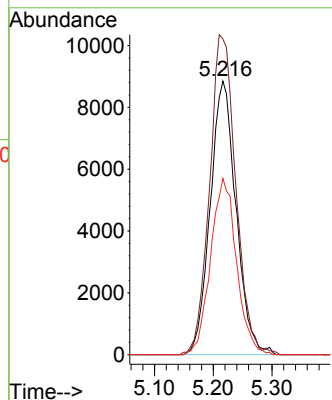
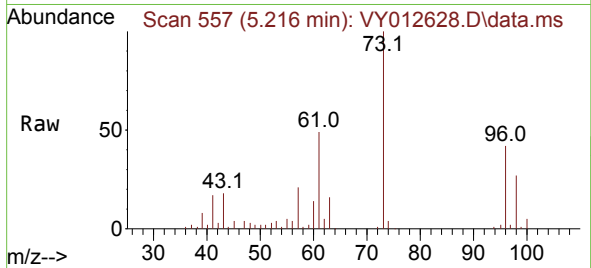




#21
trans-1,2-Dichloroethene
Concen: 19.834 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

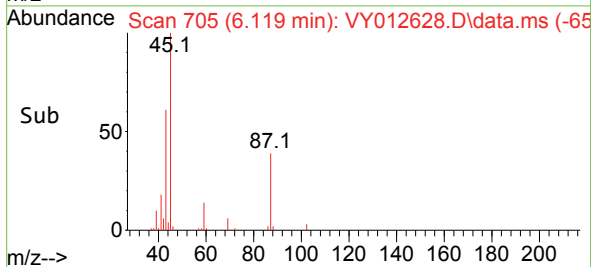
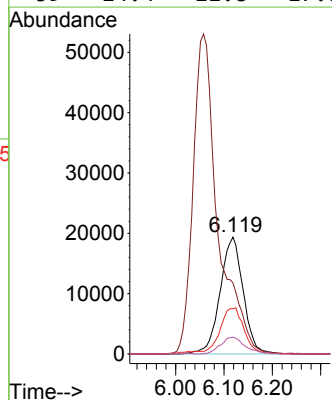
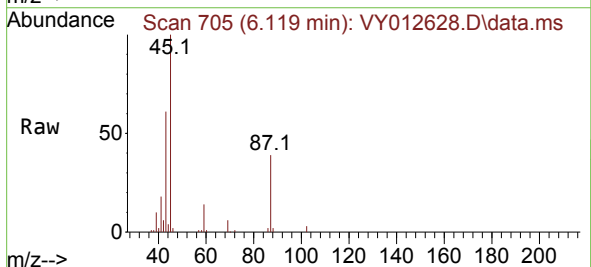
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

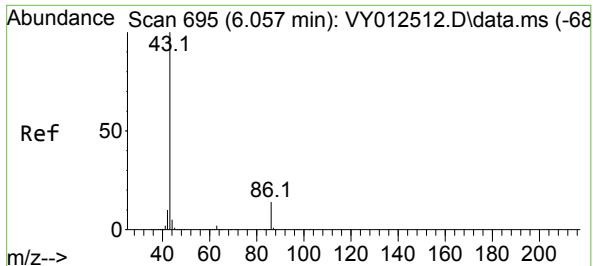
Tgt Ion: 96 Resp: 26994
Ion Ratio Lower Upper
96 100
61 115.4 96.2 144.4
98 64.4 51.6 77.4



#22
Diisopropyl ether
Concen: 20.742 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 45 Resp: 64173
Ion Ratio Lower Upper
45 100
43 60.0 45.9 68.9
87 38.3 32.2 48.4
59 14.4 11.8 17.8

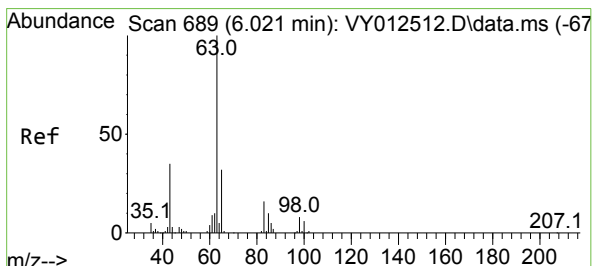
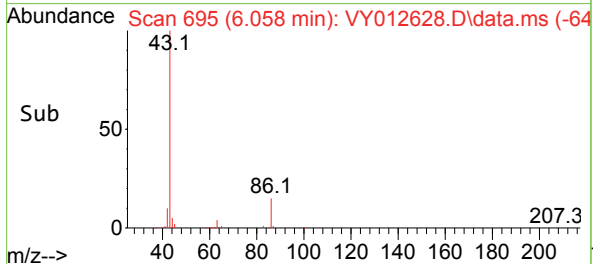
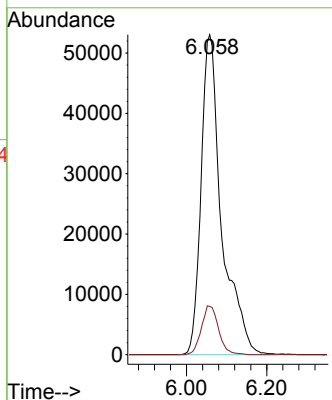
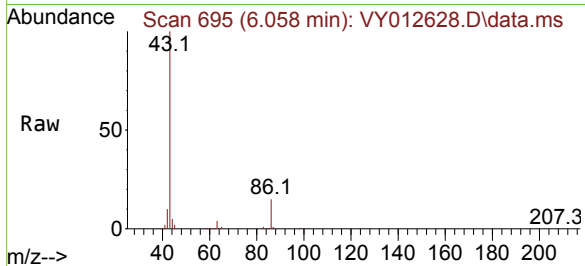




#23
 Vinyl Acetate
 Concen: 101.296 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY012628.D
 Acq: 16 Feb 2023 11:00

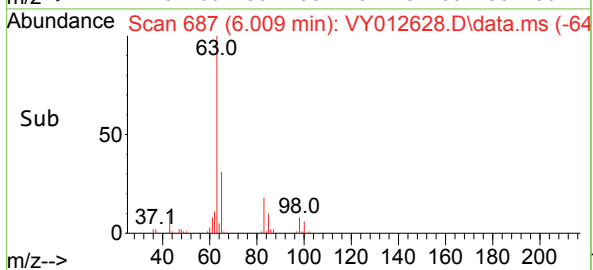
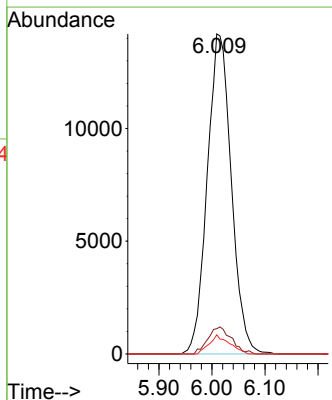
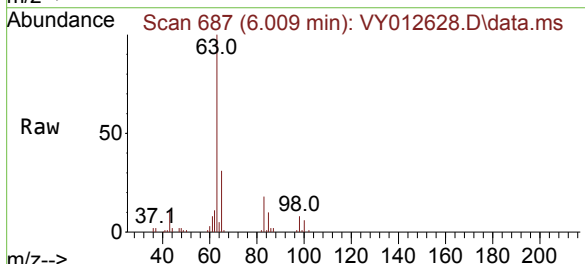
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0216SBS01

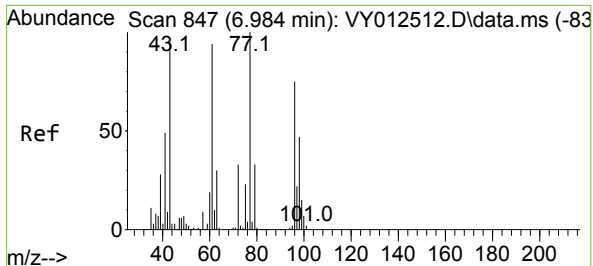
Tgt Ion: 43 Resp: 188927
 Ion Ratio Lower Upper
 43 100
 86 15.1 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 20.235 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY012628.D
 Acq: 16 Feb 2023 11:00

Tgt Ion: 63 Resp: 44753
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.1 12.3
 100 6.0 2.9 8.8





#25

2-Butanone

Concen: 100.908 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

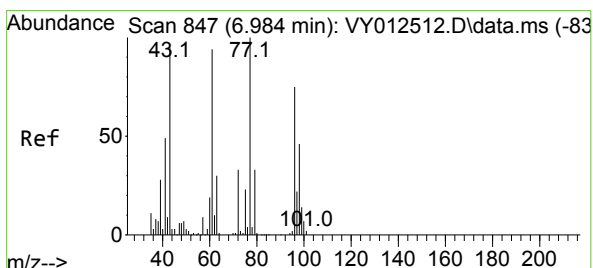
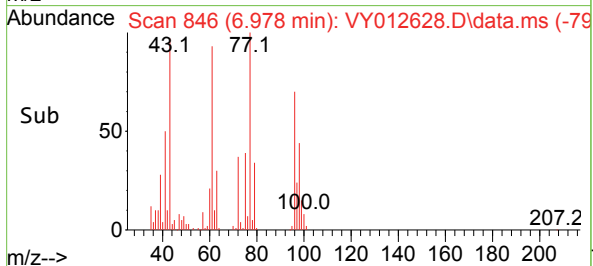
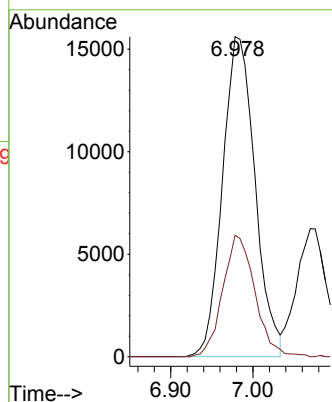
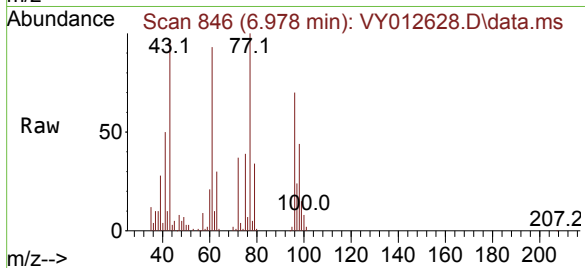
VY0216SBS01

Tgt Ion: 43 Resp: 42953

Ion Ratio Lower Upper

43 100

72 38.0 27.4 41.2



#26

2,2-Dichloropropane

Concen: 20.637 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012628.D

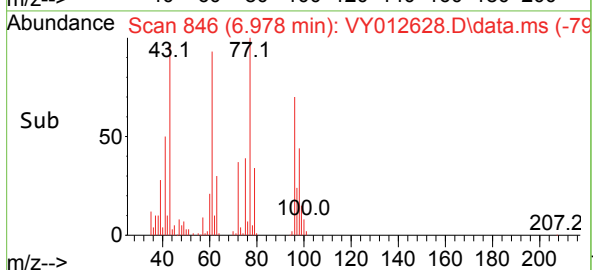
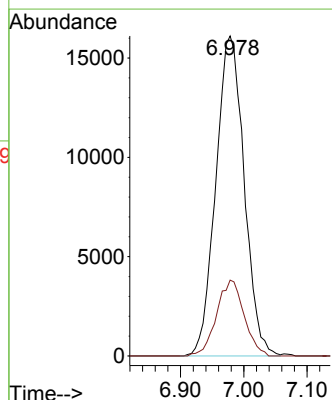
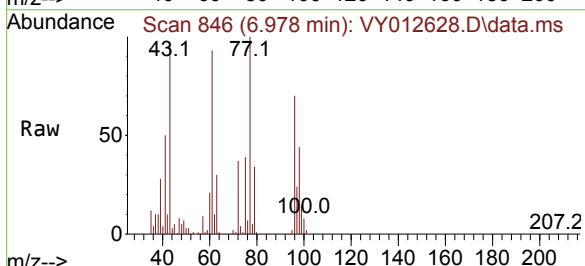
Acq: 16 Feb 2023 11:00

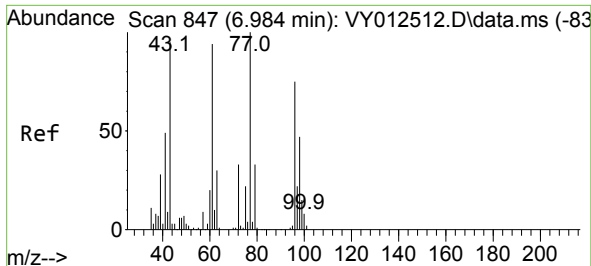
Tgt Ion: 77 Resp: 50148

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.601 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

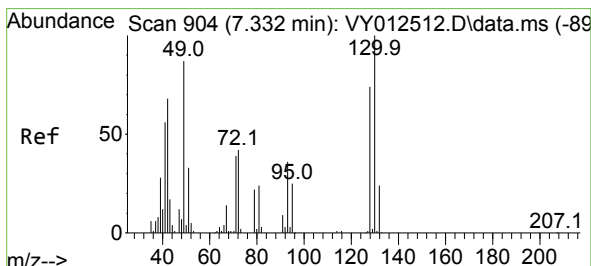
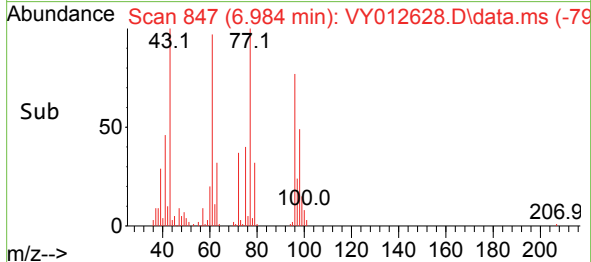
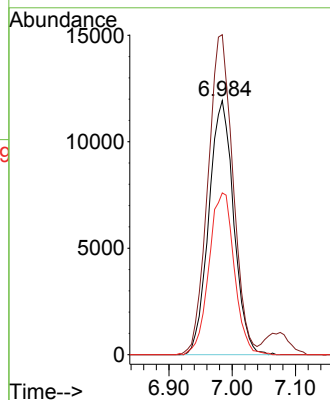
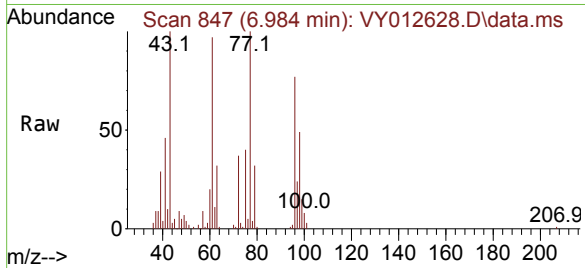
Tgt Ion: 96 Resp: 32537

Ion Ratio Lower Upper

96 100

61 127.2 0.0 259.2

98 64.9 0.0 129.0



#28

Bromochloromethane

Concen: 19.434 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

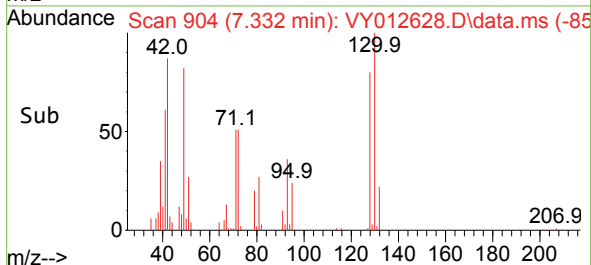
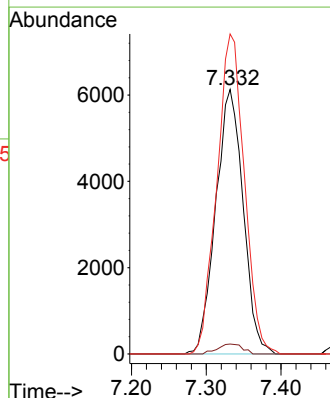
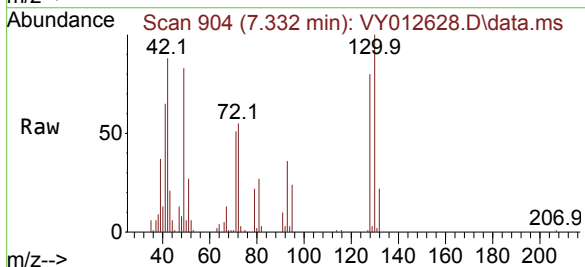
Tgt Ion: 49 Resp: 15624

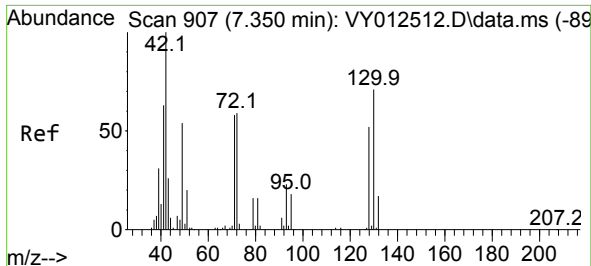
Ion Ratio Lower Upper

49 100

129 3.4 0.0 6.0

130 121.6 93.1 139.7





#29

Tetrahydrofuran

Concen: 103.371 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

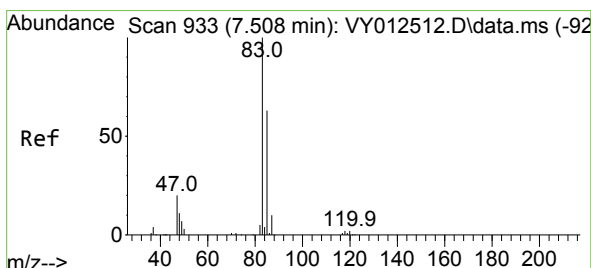
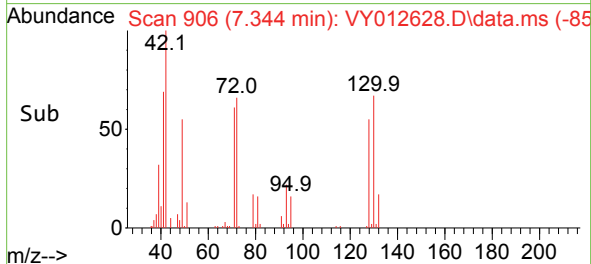
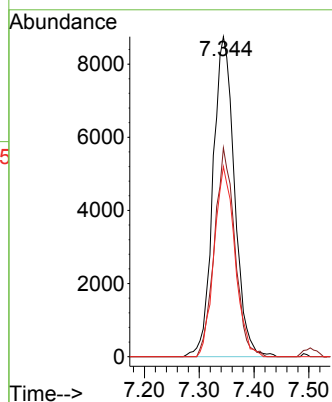
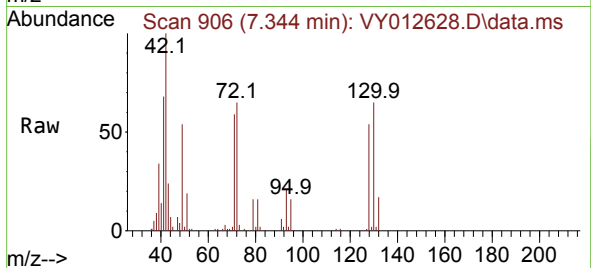
Tgt Ion: 42 Resp: 23788

Ion Ratio Lower Upper

42 100

72 61.9 47.0 70.6

71 57.6 44.6 66.8



#30

Chloroform

Concen: 20.827 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012628.D

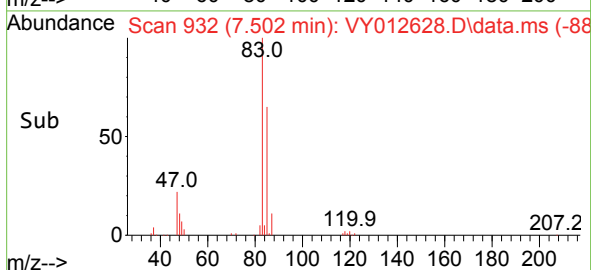
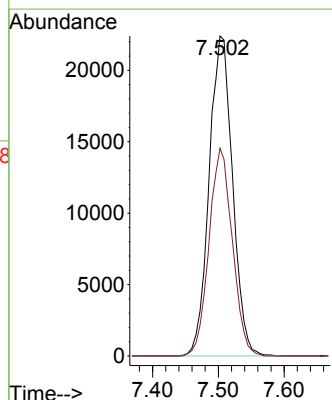
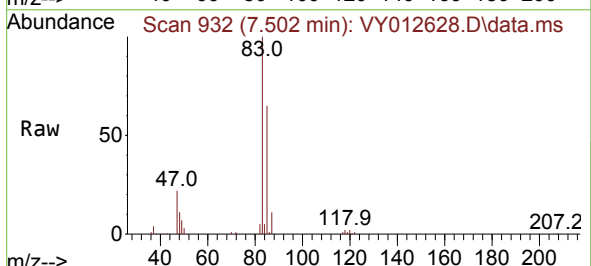
Acq: 16 Feb 2023 11:00

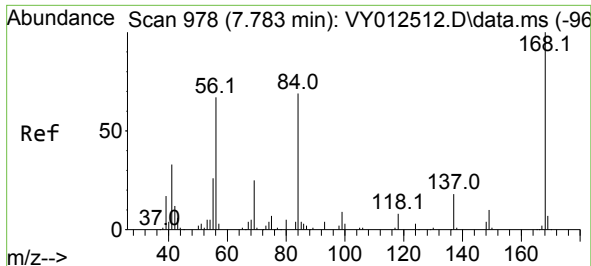
Tgt Ion: 83 Resp: 55537

Ion Ratio Lower Upper

83 100

85 64.8 50.8 76.2

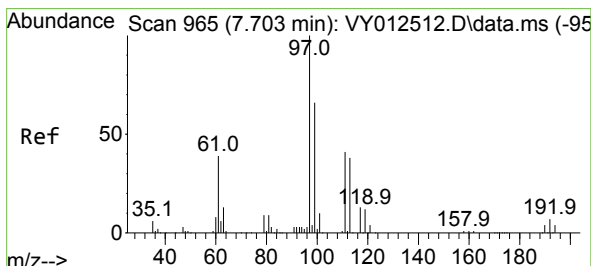
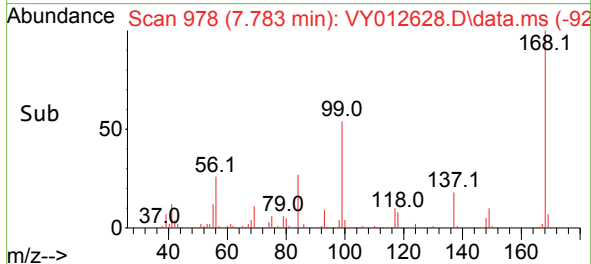
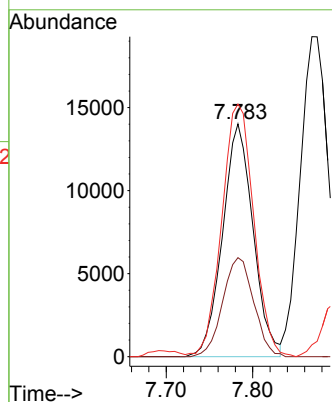
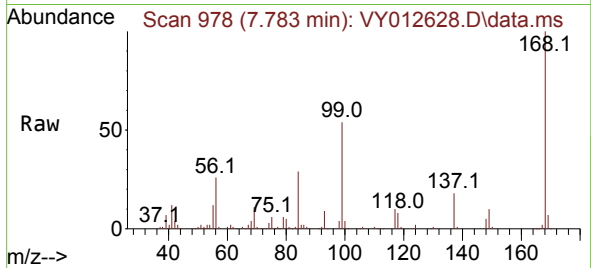




#31
Cyclohexane
Concen: 18.650 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

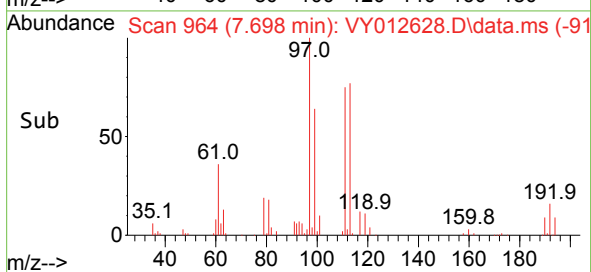
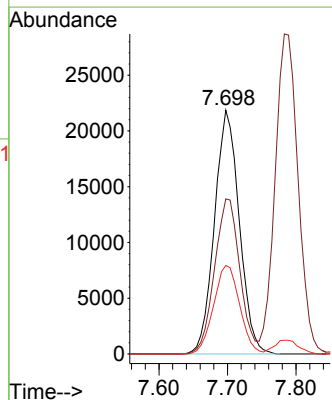
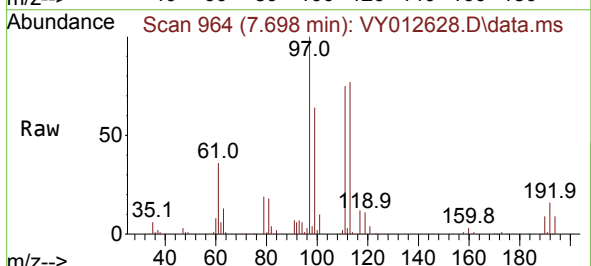
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

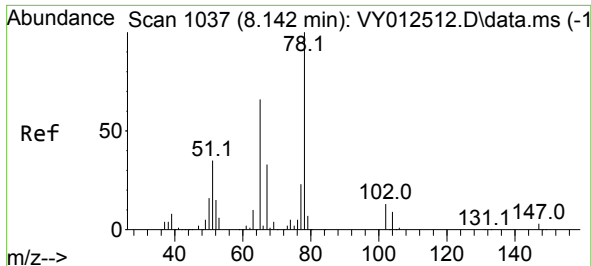
Tgt Ion: 56 Resp: 34372
Ion Ratio Lower Upper
56 100
69 42.5 29.5 44.3
84 107.0 81.9 122.9



#32
1,1,1-Trichloroethane
Concen: 21.206 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 97 Resp: 54872
Ion Ratio Lower Upper
97 100
99 65.4 51.1 76.7
61 38.1 30.5 45.7

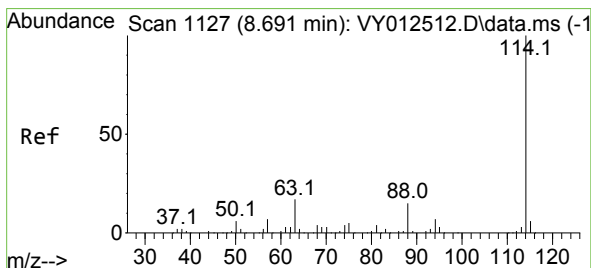
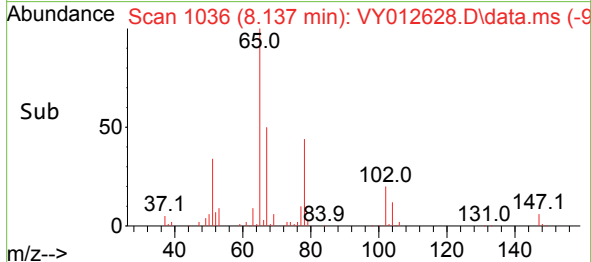
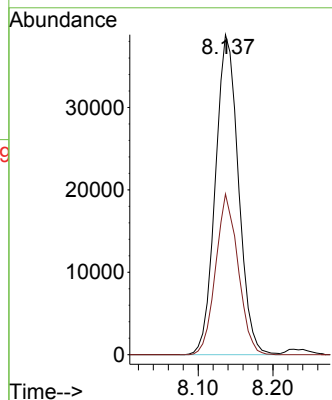
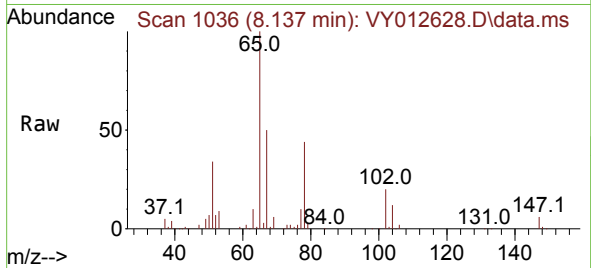




#33
 1,2-Dichloroethane-d4
 Concen: 52.370 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY012628.D
 Acq: 16 Feb 2023 11:00

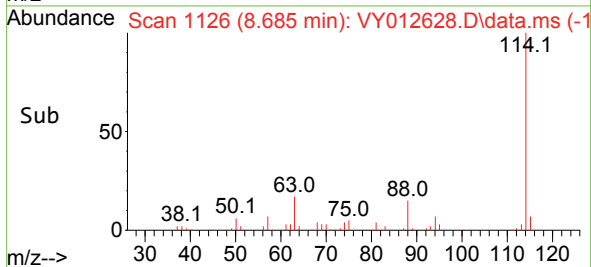
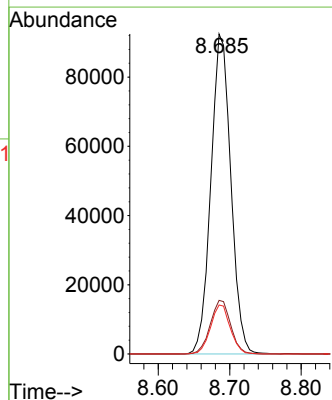
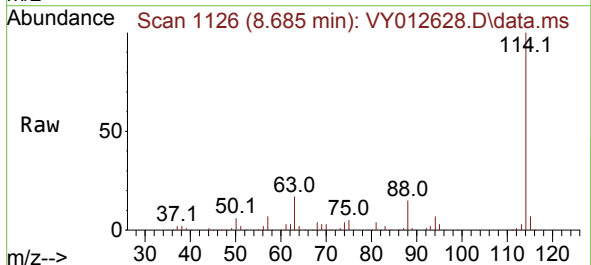
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0216SBS01

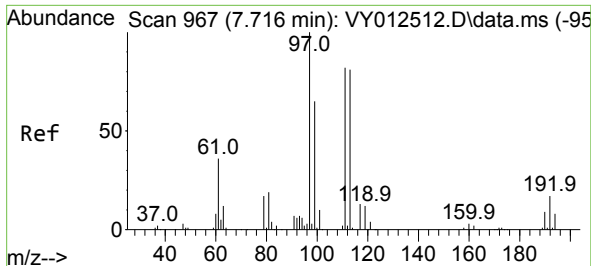
Tgt Ion: 65 Resp: 83478
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY012628.D
 Acq: 16 Feb 2023 11:00

Tgt Ion: 114 Resp: 179365
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 33.6
 88 15.3 0.0 29.8

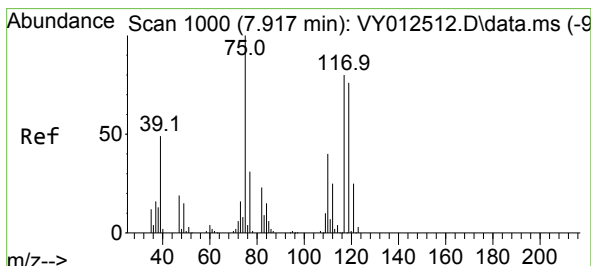
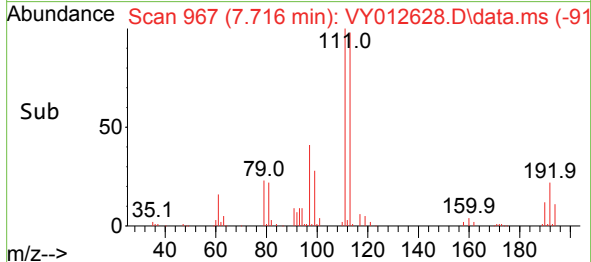
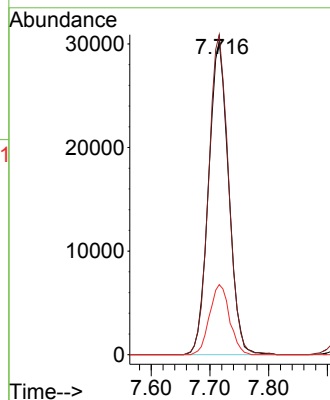
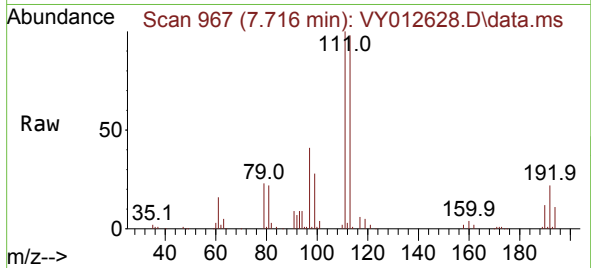




#35
Dibromofluoromethane
Concen: 54.736 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

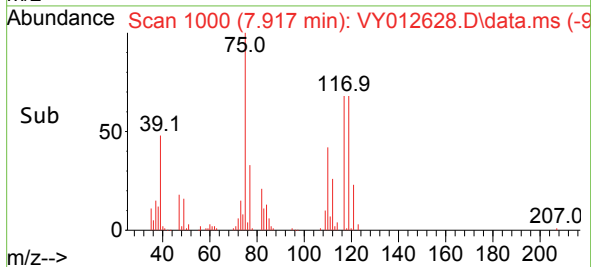
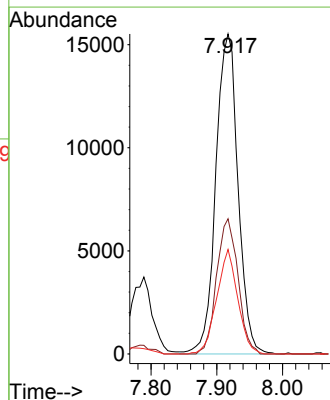
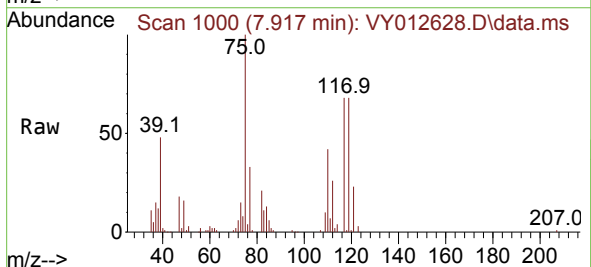
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

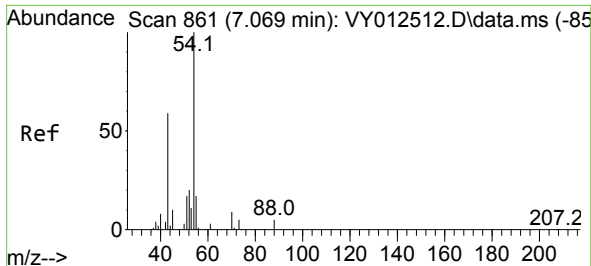
Tgt Ion:113 Resp: 71498
Ion Ratio Lower Upper
113 100
111 101.6 81.9 122.9
192 22.3 17.5 26.3



#36
1,1-Dichloropropene
Concen: 20.634 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 75 Resp: 36479
Ion Ratio Lower Upper
75 100
110 40.7 19.5 58.5
77 30.9 24.9 37.3

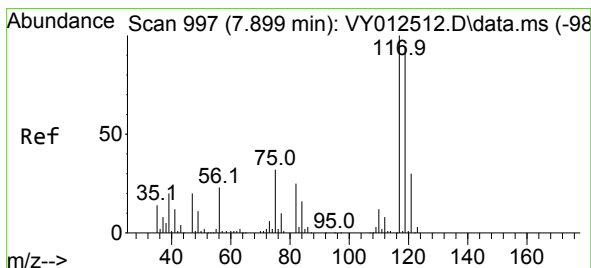
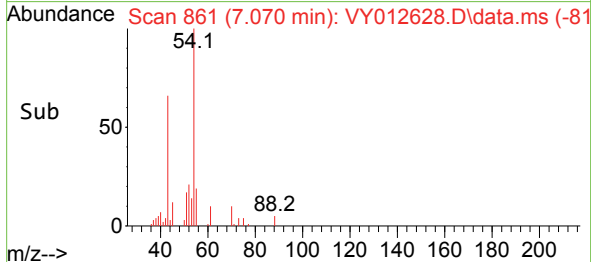
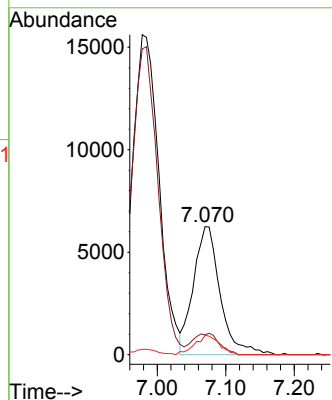
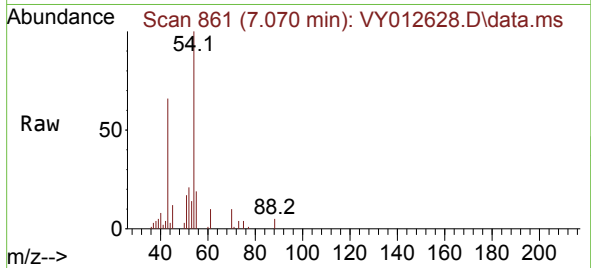




#37
Ethyl Acetate
Concen: 21.259 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

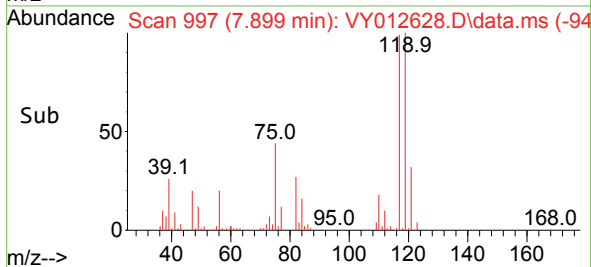
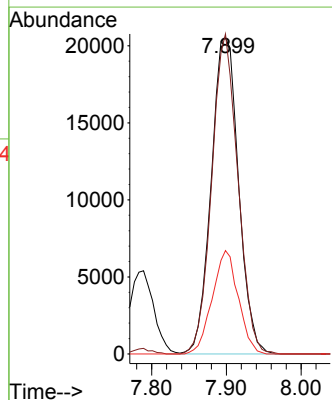
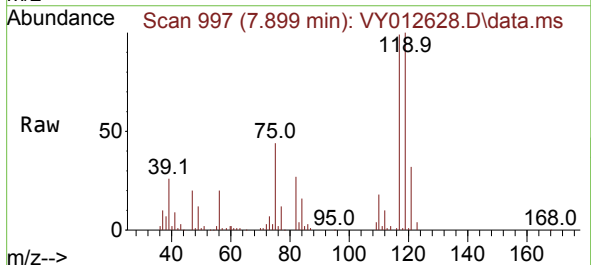
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

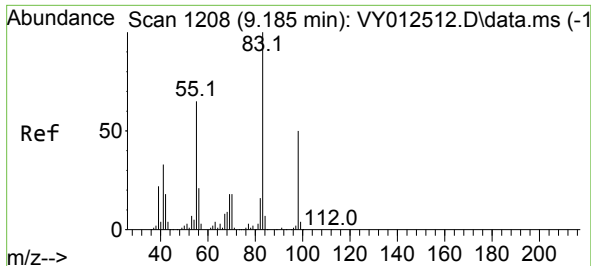
Tgt Ion:	43	Resp:	16959
Ion	Ratio	Lower	Upper
43	100		
61	16.6	12.5	18.7
70	13.8	11.0	16.4



#38
Carbon Tetrachloride
Concen: 22.028 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion:	117	Resp:	52274
Ion	Ratio	Lower	Upper
117	100		
119	101.2	75.1	112.7
121	32.7	24.3	36.5





#39

Methylcyclohexane

Concen: 20.295 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

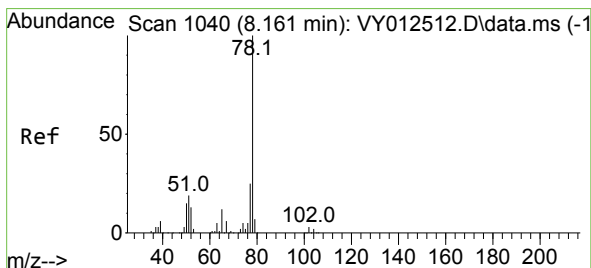
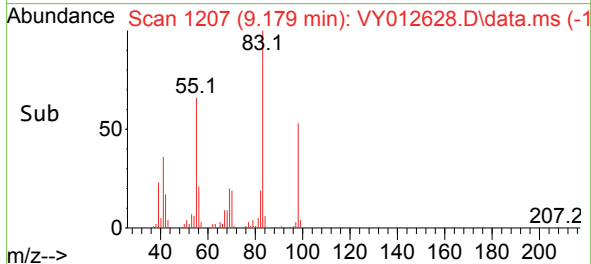
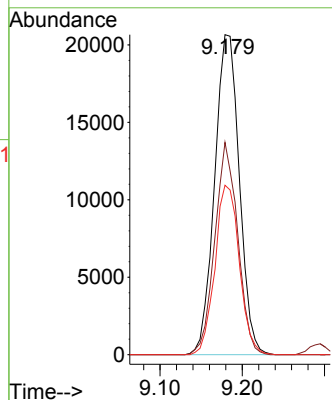
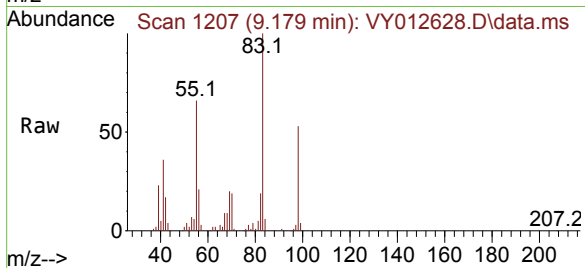
Tgt Ion: 83 Resp: 43174

Ion Ratio Lower Upper

83 100

55 66.4 52.0 78.0

98 53.0 40.4 60.6



#40

Benzene

Concen: 21.265 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012628.D

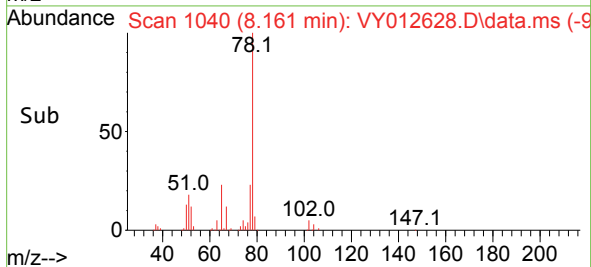
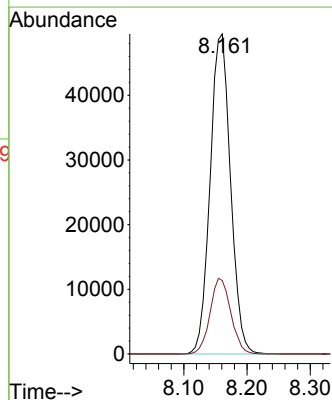
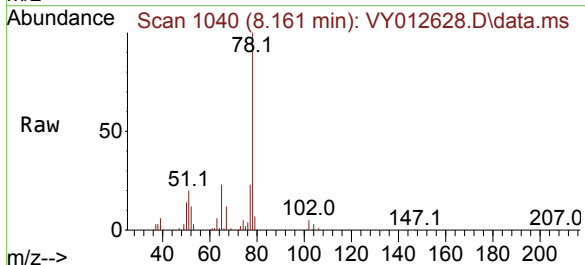
Acq: 16 Feb 2023 11:00

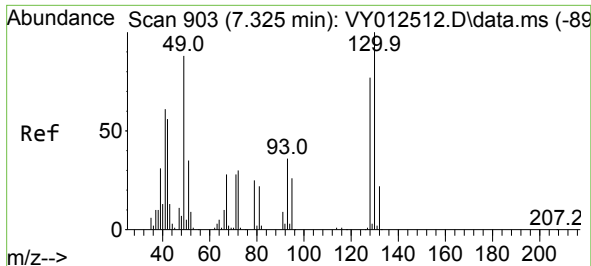
Tgt Ion: 78 Resp: 111034

Ion Ratio Lower Upper

78 100

77 23.0 19.9 29.9

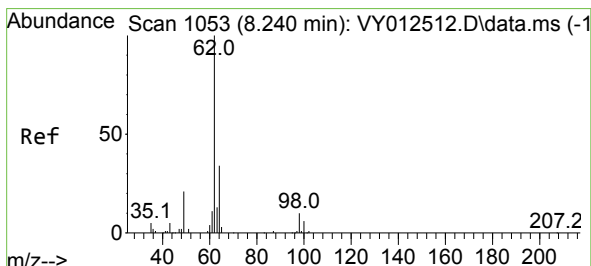
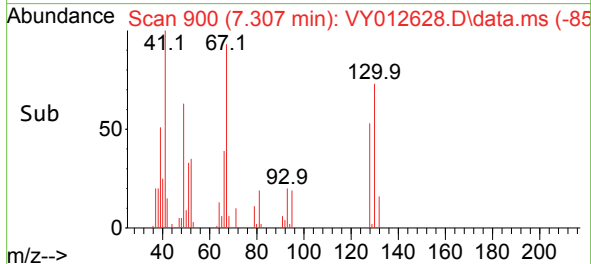
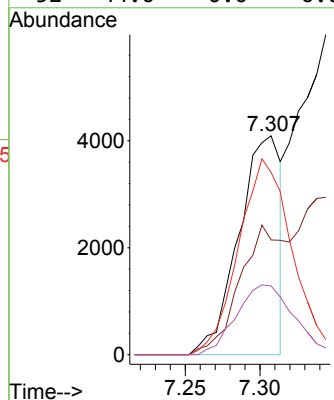
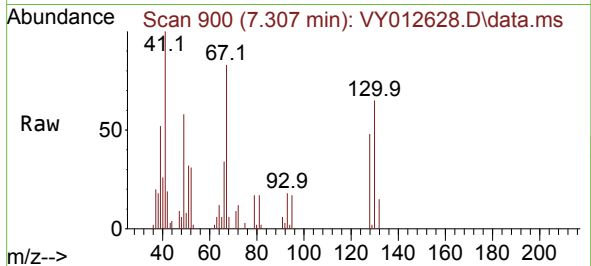




#41
Methacrylonitrile
Concen: 18.424 ug/l
RT: 7.307 min Scan# 903
Delta R.T. -0.018 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

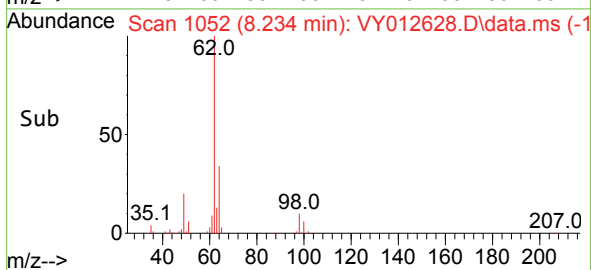
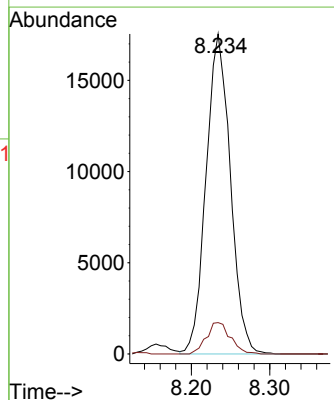
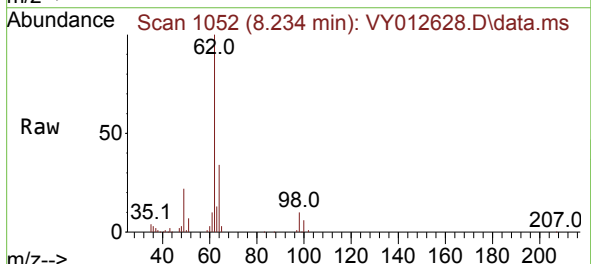
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

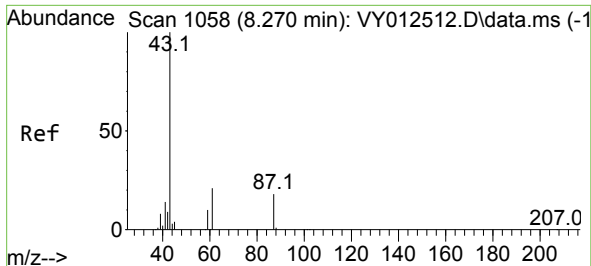
Tgt Ion:	41	Resp:	8052
Ion	Ratio	Lower	Upper
41	100		
39	66.2	0.0	0.0#
67	113.2	0.0	0.0#
52	44.0	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 22.350 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion:	62	Resp:	37825
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2

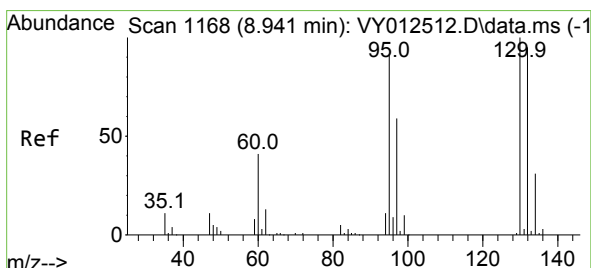
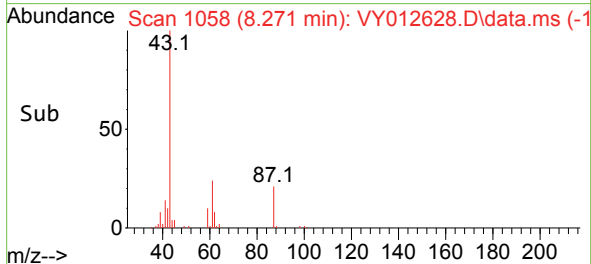
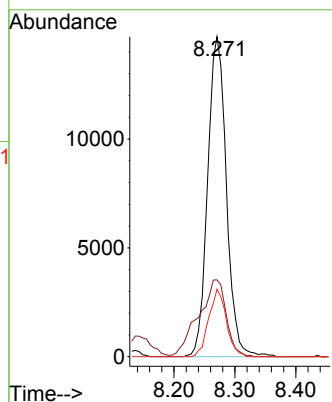
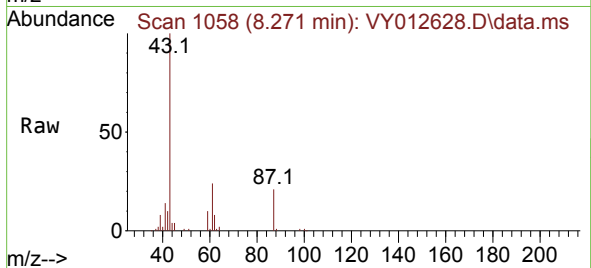




#43
Isopropyl Acetate
Concen: 21.254 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

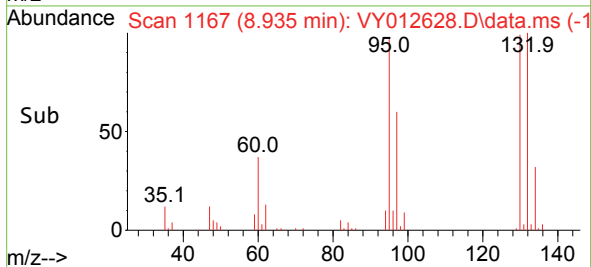
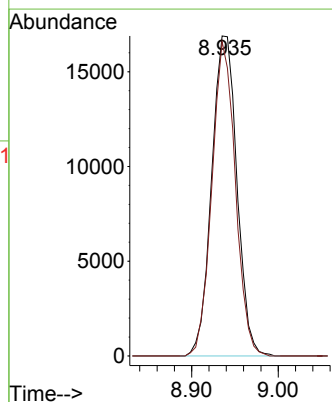
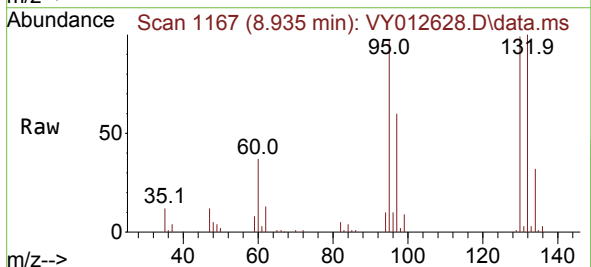
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

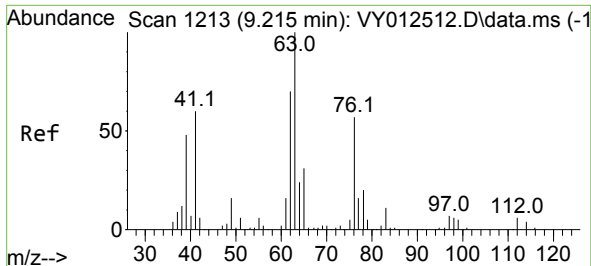
Tgt Ion: 43 Resp: 31435
Ion Ratio Lower Upper
43 100
61 35.4 27.2 40.8
87 19.8 15.0 22.4



#44
Trichloroethene
Concen: 21.538 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion:130 Resp: 34234
Ion Ratio Lower Upper
130 100
95 98.2 0.0 181.2

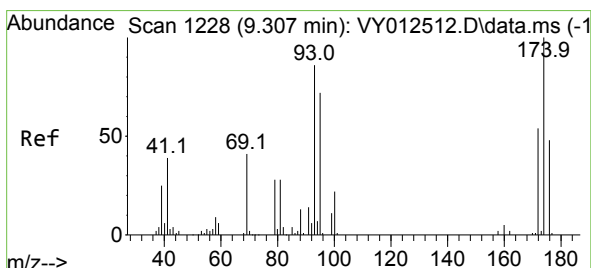
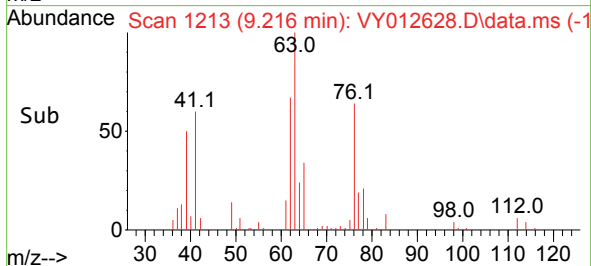
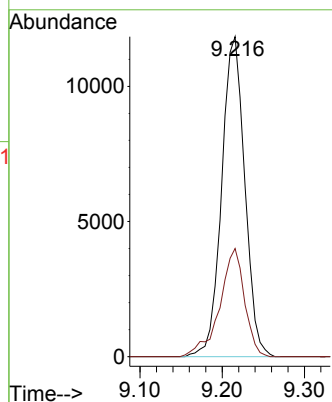
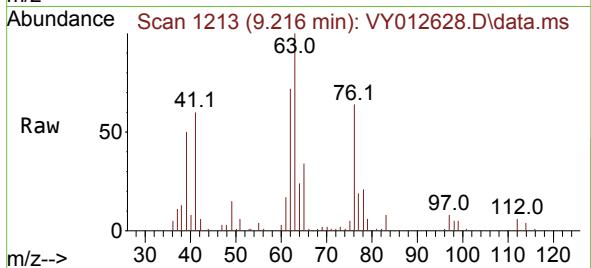




#45
1,2-Dichloropropane
Concen: 20.395 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

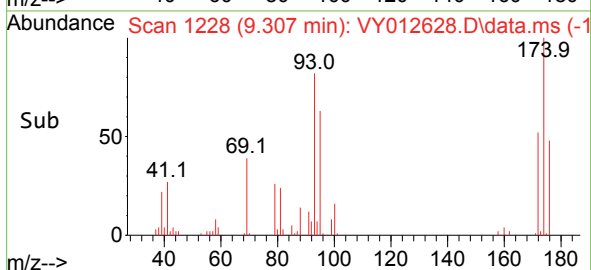
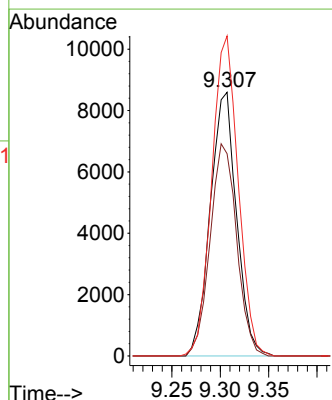
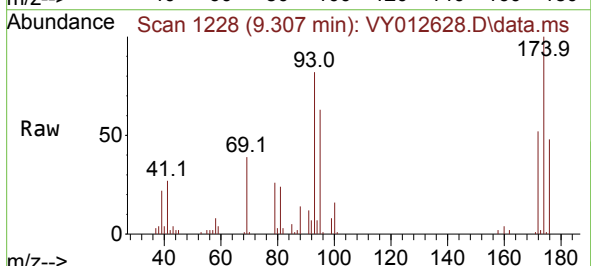
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

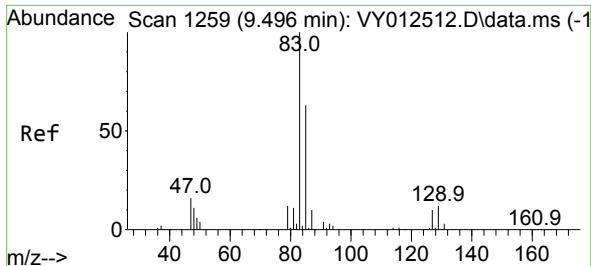
Tgt Ion: 63 Resp: 23092
Ion Ratio Lower Upper
63 100
65 33.8 24.6 37.0



#46
Dibromomethane
Concen: 21.686 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 93 Resp: 16258
Ion Ratio Lower Upper
93 100
95 81.1 65.8 98.8
174 121.9 93.4 140.2

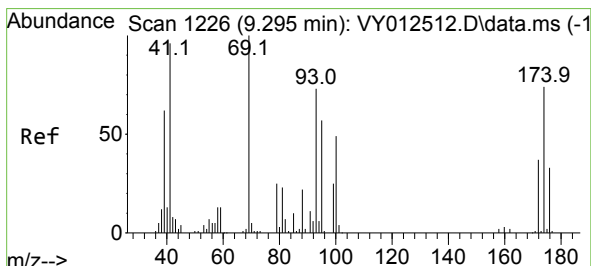
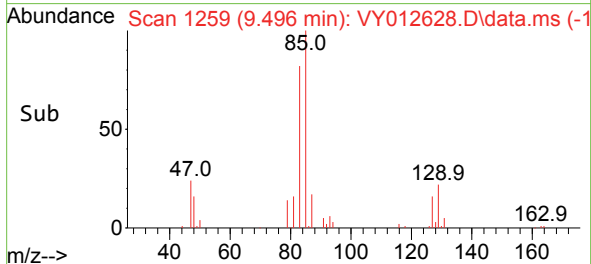
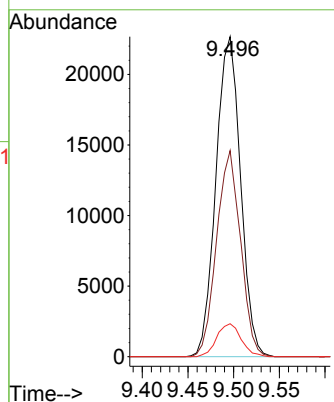
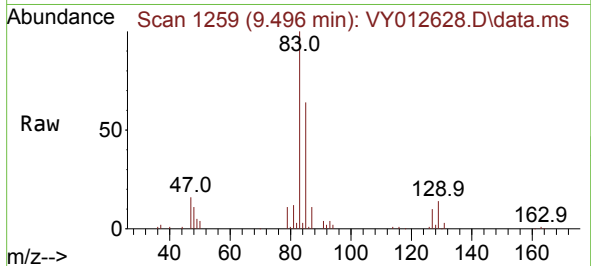




#47
Bromodichloromethane
Concen: 21.849 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

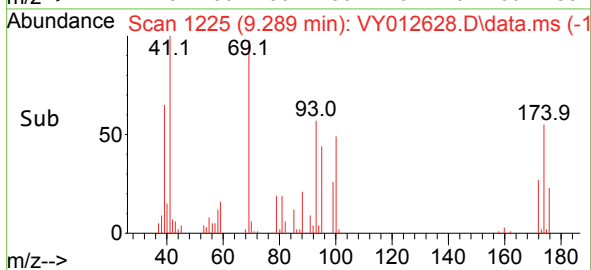
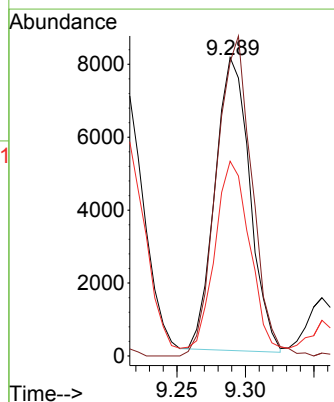
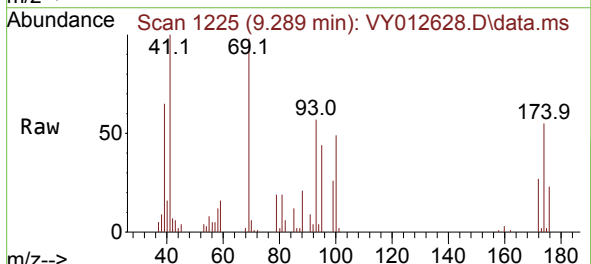
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

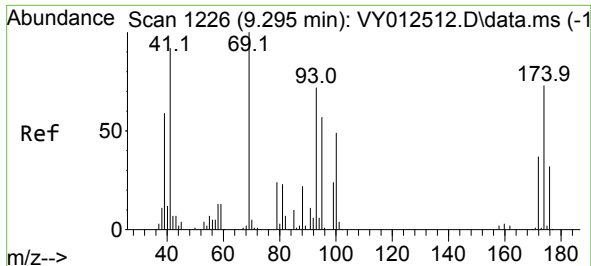
Tgt Ion: 83 Resp: 42472
Ion Ratio Lower Upper
83 100
85 64.4 50.7 76.1
127 10.3 8.1 12.1



#48
Methyl methacrylate
Concen: 21.014 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 41 Resp: 14207
Ion Ratio Lower Upper
41 100
69 111.2 85.4 128.2
39 68.9 52.7 79.1





#49

1,4-Dioxane

Concen: 475.594 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

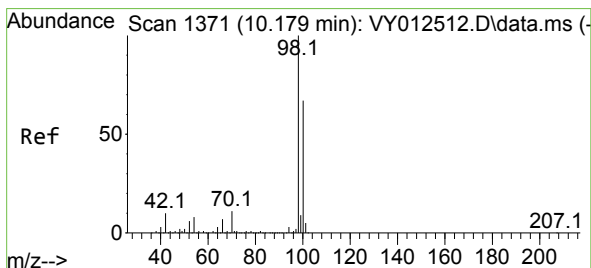
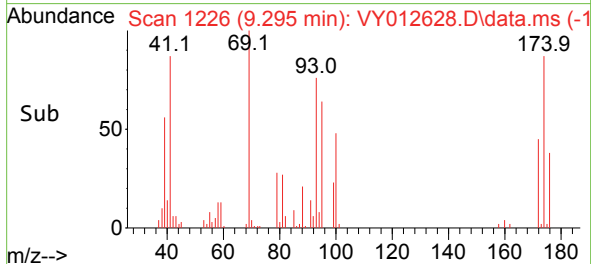
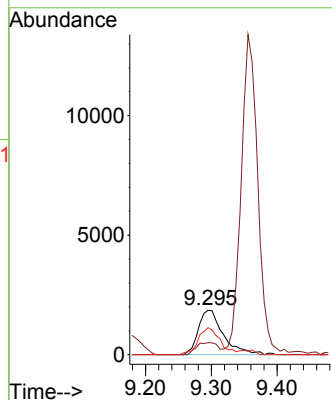
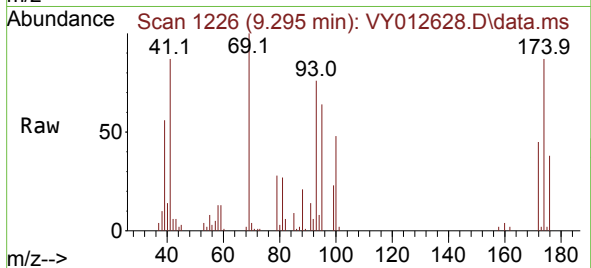
Tgt Ion: 88 Resp: 4922

Ion Ratio Lower Upper

88 100

43 24.7 22.6 33.8

58 53.9 45.4 68.0



#50

Toluene-d8

Concen: 53.941 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012628.D

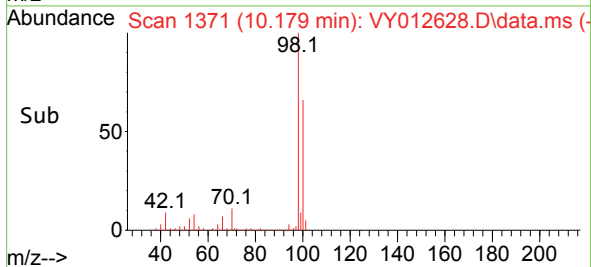
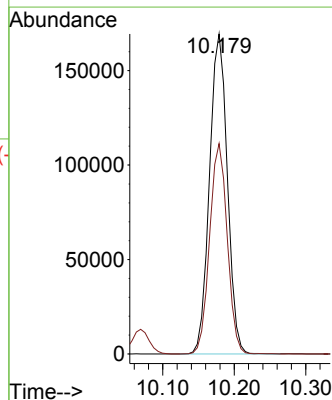
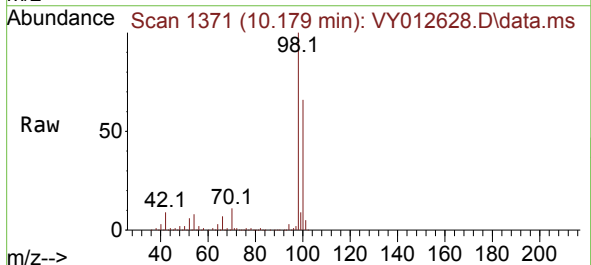
Acq: 16 Feb 2023 11:00

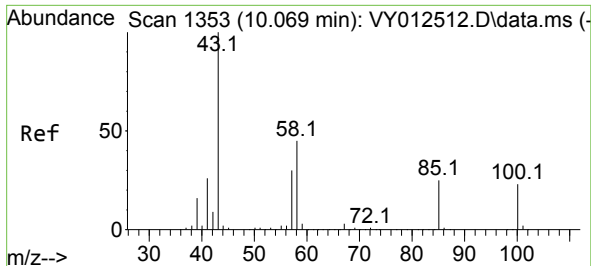
Tgt Ion: 98 Resp: 293274

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2

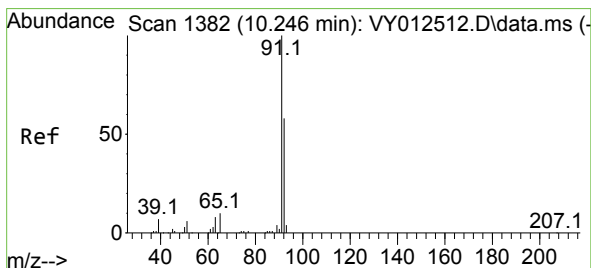
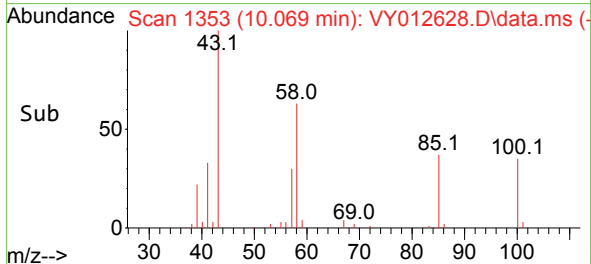
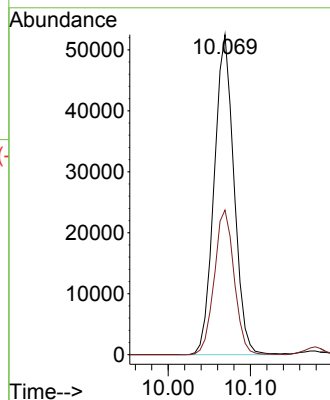
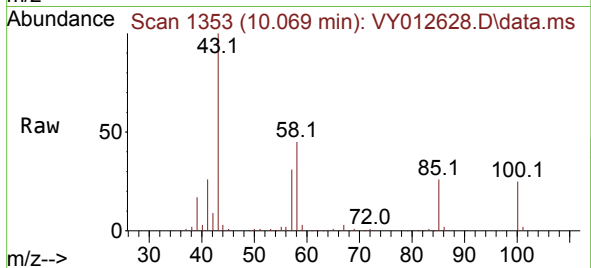




#51
4-Methyl-2-Pentanone
Concen: 110.084 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

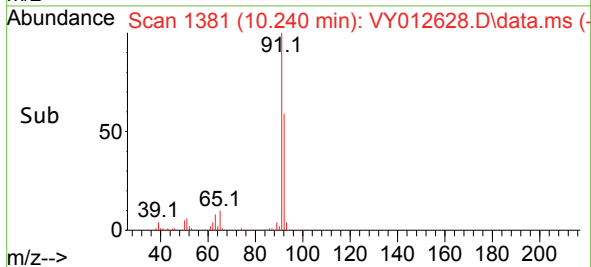
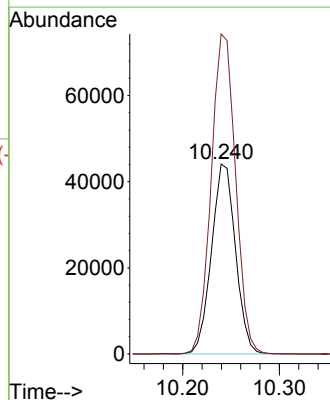
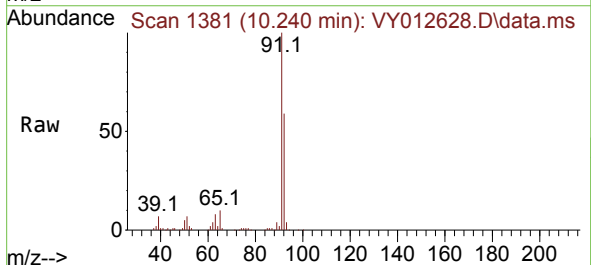
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

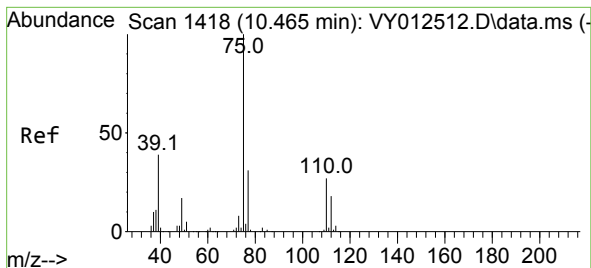
Tgt Ion: 43 Resp: 87846
Ion Ratio Lower Upper
43 100
58 45.4 36.2 54.2



#52
Toluene
Concen: 21.485 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 92 Resp: 76078
Ion Ratio Lower Upper
92 100
91 171.3 137.2 205.8





#53

t-1,3-Dichloropropene

Concen: 21.975 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

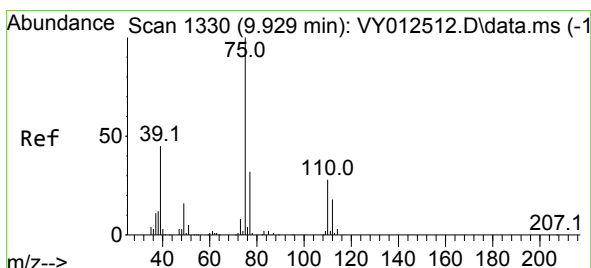
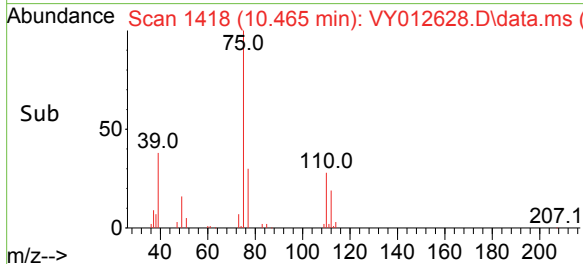
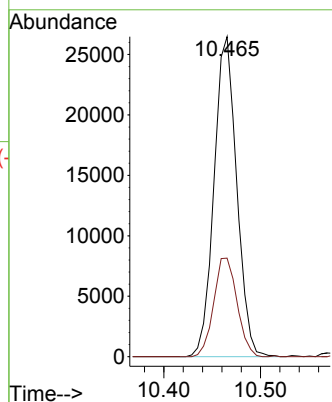
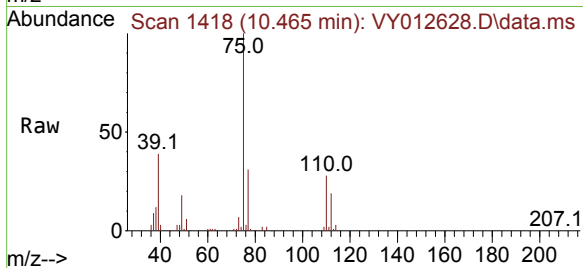
VY0216SBS01

Tgt Ion: 75 Resp: 43043

Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 21.207 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. -0.006 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

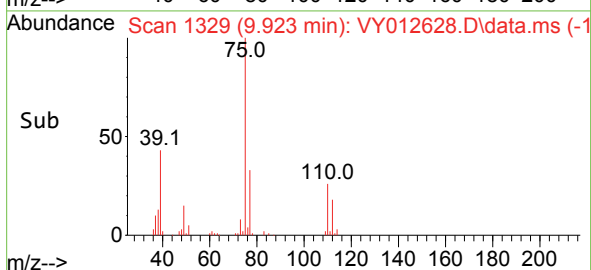
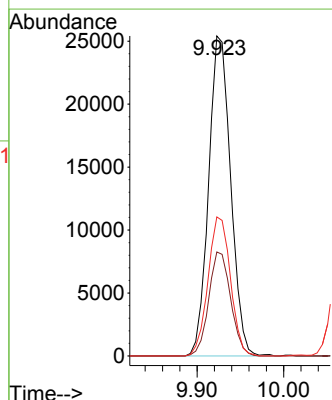
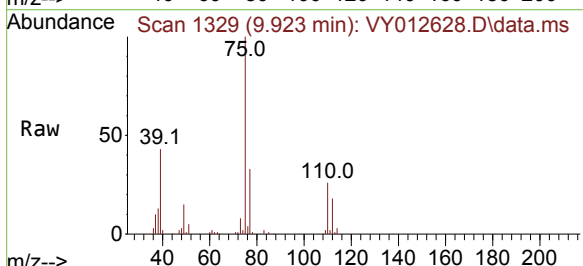
Tgt Ion: 75 Resp: 44953

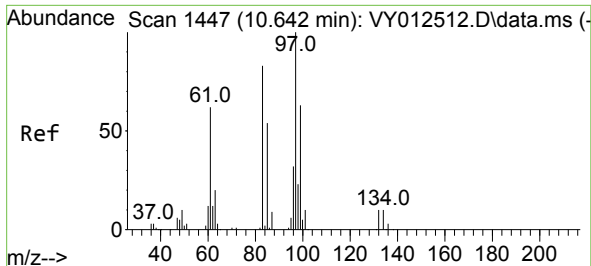
Ion Ratio Lower Upper

75 100

77 32.5 25.7 38.5

39 43.4 36.0 54.0

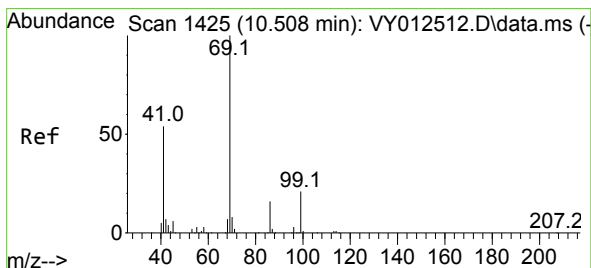
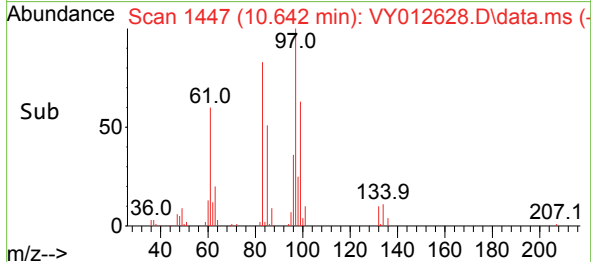
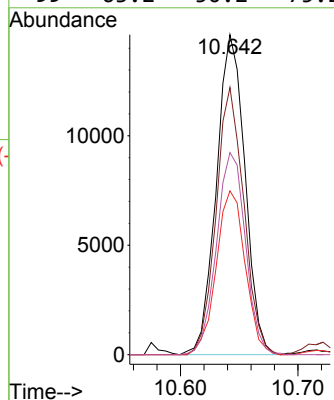
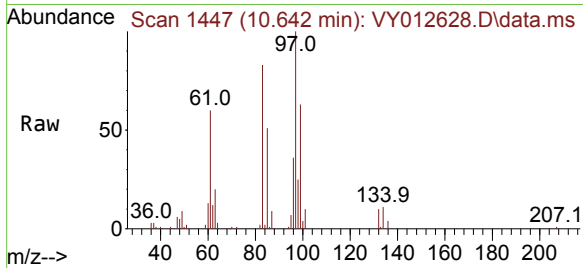




#55
1,1,2-Trichloroethane
Concen: 22.541 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

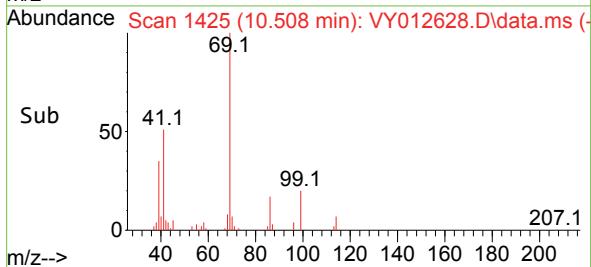
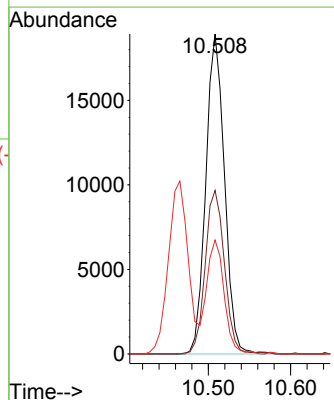
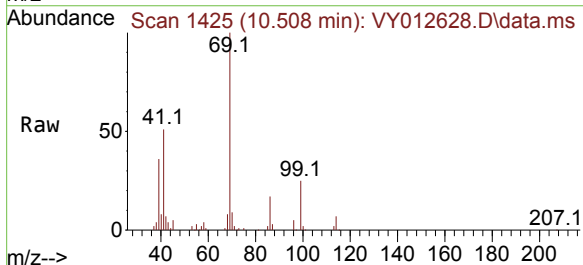
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

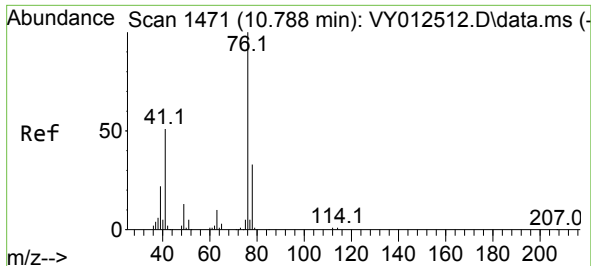
Tgt Ion: 97	Resp: 24692
Ion Ratio	Lower Upper
97 100	
83 83.5	66.0 99.0
85 51.2	43.1 64.7
99 63.2	50.2 75.2



#56
Ethyl methacrylate
Concen: 21.701 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 69	Resp: 29866
Ion Ratio	Lower Upper
69 100	
41 53.0	43.4 65.2
39 32.8	26.5 39.7





#57

1,3-Dichloropropane

Concen: 22.180 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

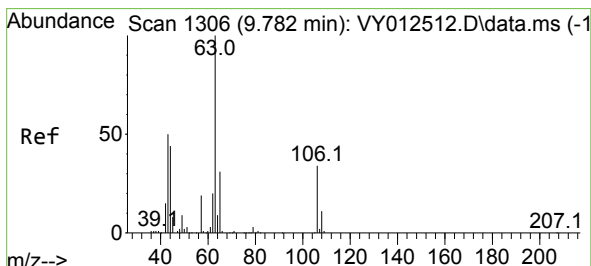
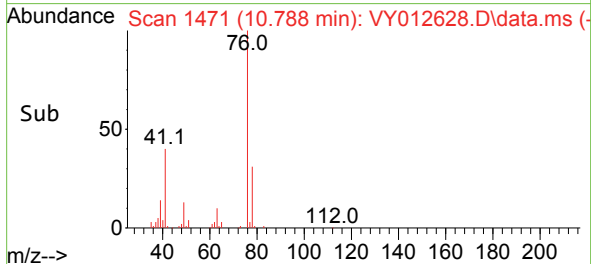
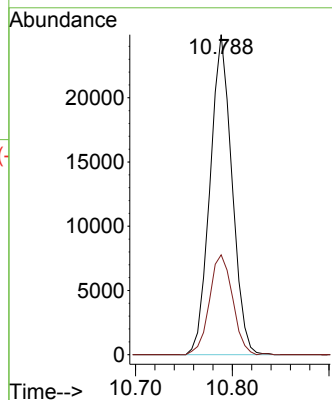
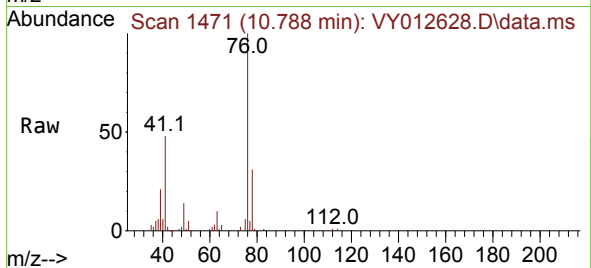
VY0216SBS01

Tgt Ion: 76 Resp: 39213

Ion Ratio Lower Upper

76 100

78 33.0 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 114.149 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012628.D

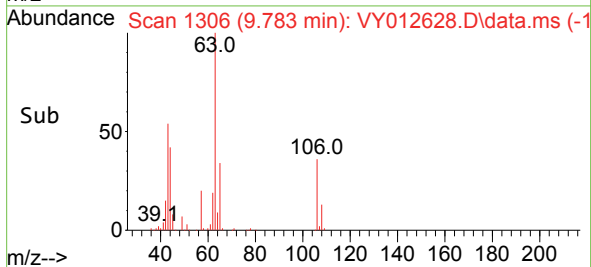
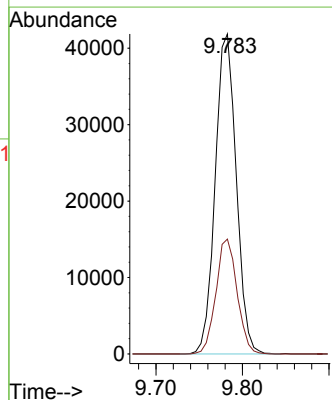
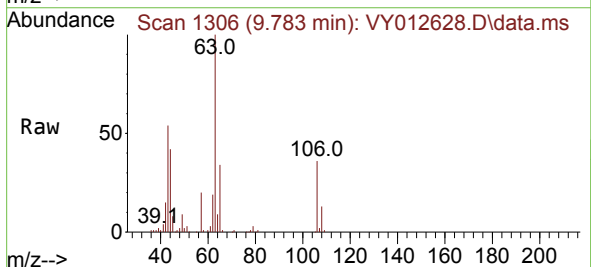
Acq: 16 Feb 2023 11:00

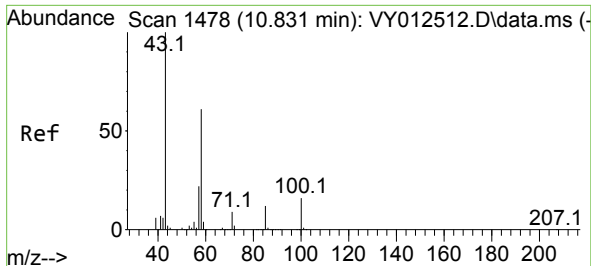
Tgt Ion: 63 Resp: 70613

Ion Ratio Lower Upper

63 100

106 36.1 28.0 42.0

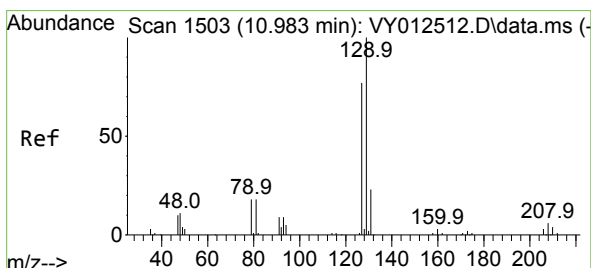
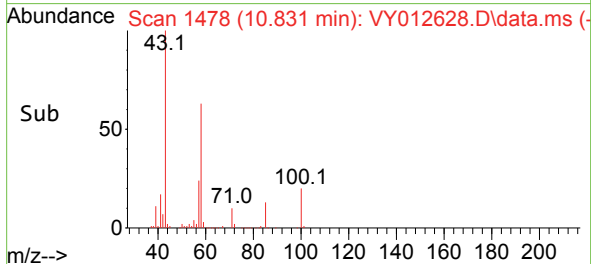
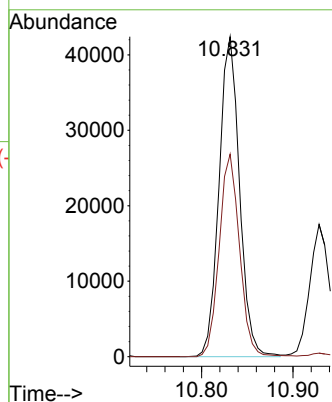
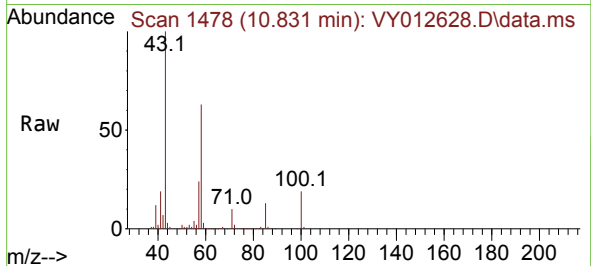




#59
2-Hexanone
Concen: 109.550 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

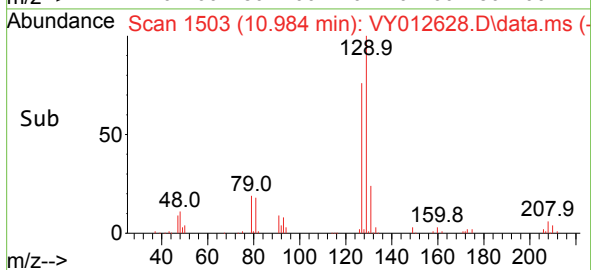
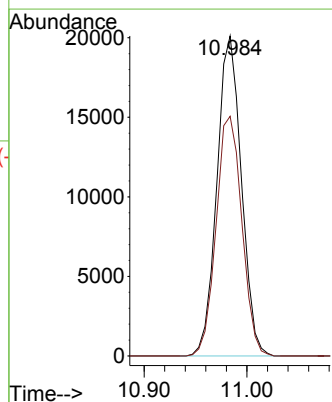
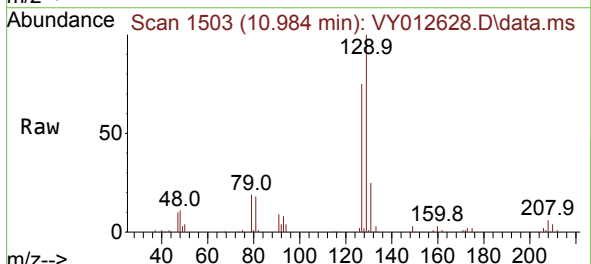
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

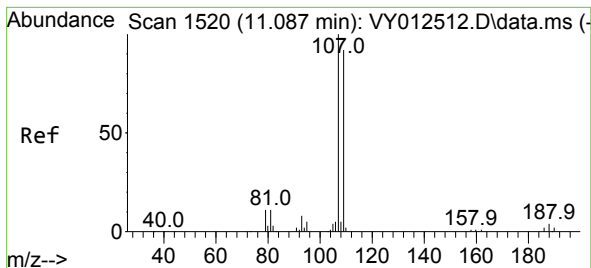
Tgt Ion: 43 Resp: 66064
Ion Ratio Lower Upper
43 100
58 62.8 30.9 92.5



#60
Dibromochloromethane
Concen: 22.759 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 129 Resp: 33233
Ion Ratio Lower Upper
129 100
127 78.7 38.0 114.1





#61

1,2-Dibromoethane

Concen: 22.493 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

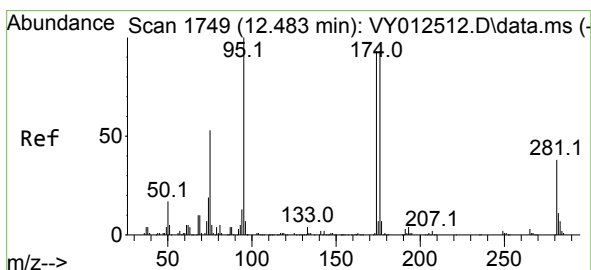
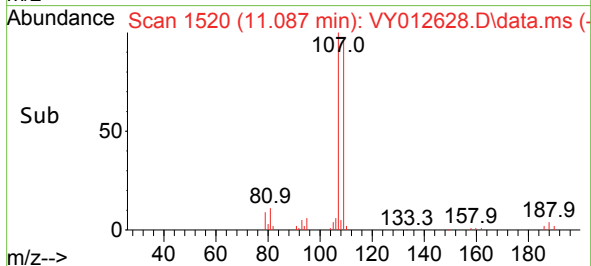
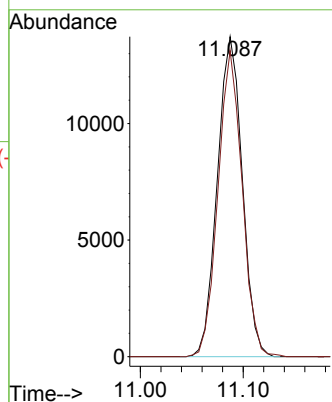
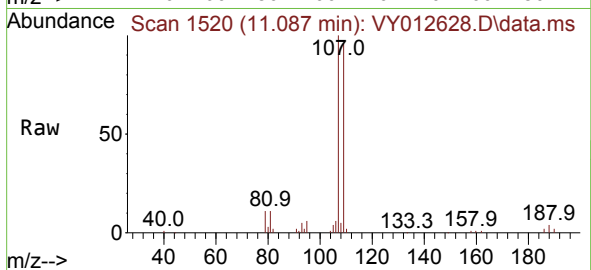
VY0216SBS01

Tgt Ion:107 Resp: 23087

Ion Ratio Lower Upper

107 100

109 92.6 74.2 111.2



#62

4-Bromofluorobenzene

Concen: 53.614 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

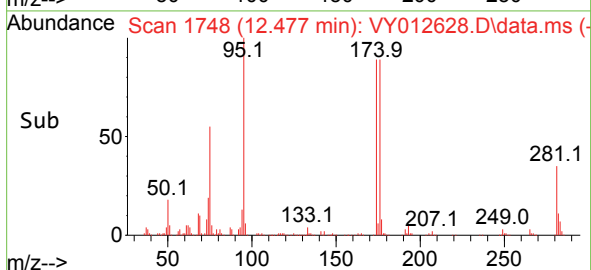
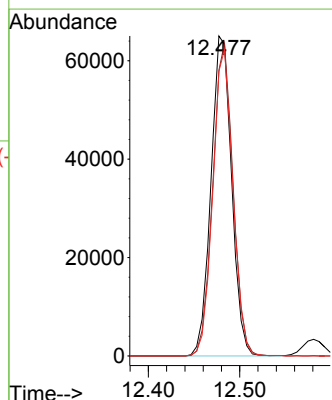
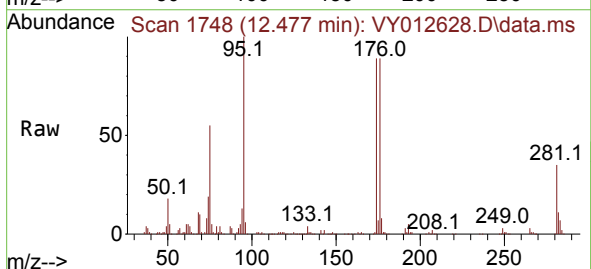
Tgt Ion: 95 Resp: 101676

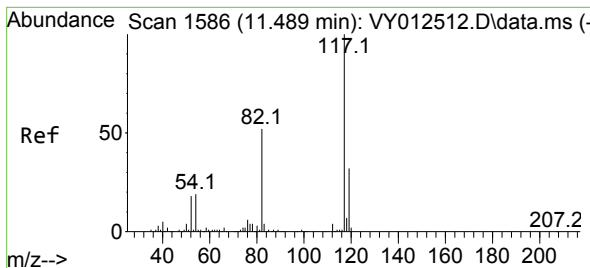
Ion Ratio Lower Upper

95 100

174 96.0 0.0 188.0

176 93.4 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: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

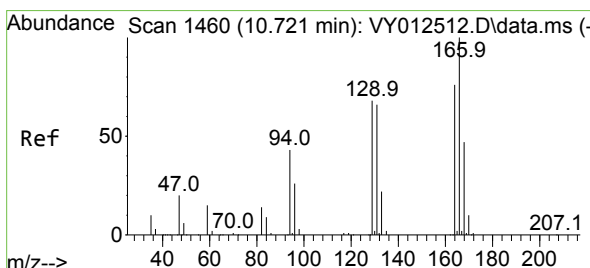
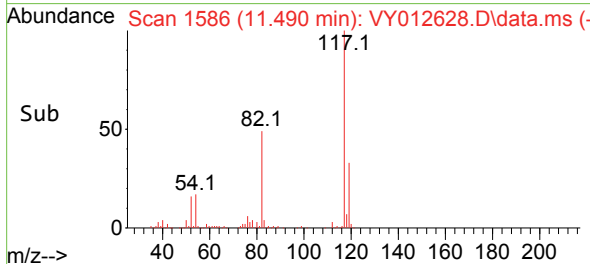
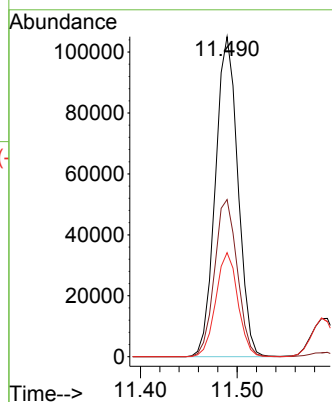
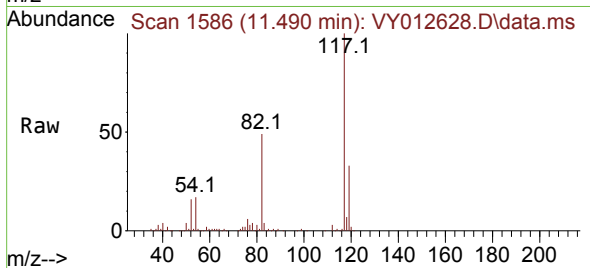
Tgt Ion:117 Resp: 169687

Ion Ratio Lower Upper

117 100

82 49.1 41.7 62.5

119 32.5 25.8 38.8



#64

Tetrachloroethene

Concen: 22.100 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Tgt Ion:164 Resp: 39150

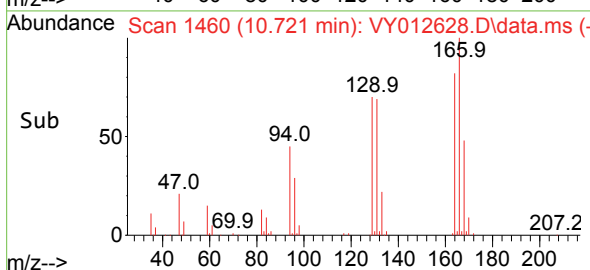
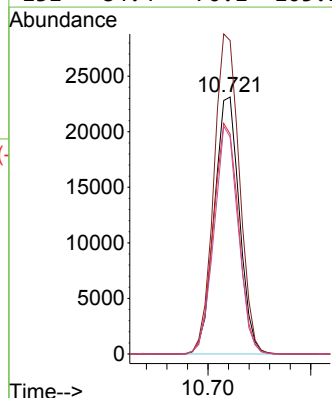
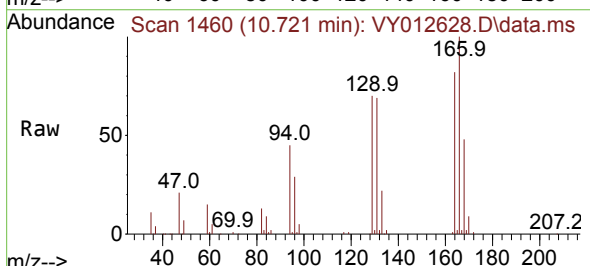
Ion Ratio Lower Upper

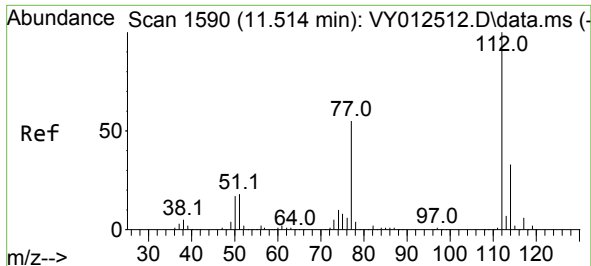
164 100

166 122.0 105.7 158.5

129 85.6 71.8 107.6

131 84.4 70.1 105.1

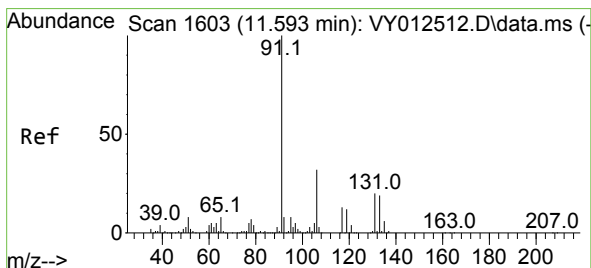
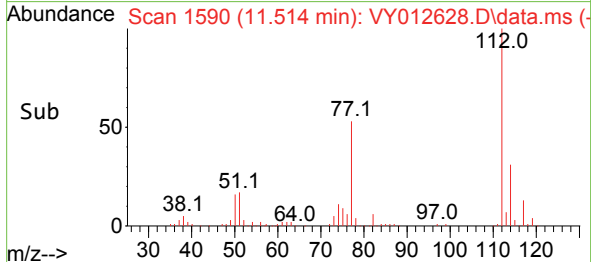
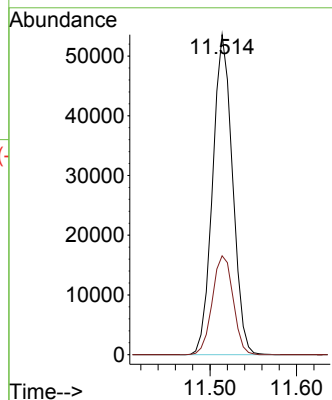
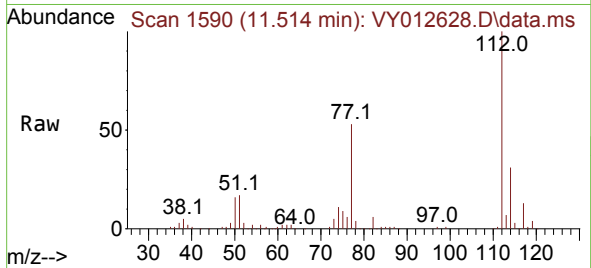




#65
Chlorobenzene
Concen: 21.249 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

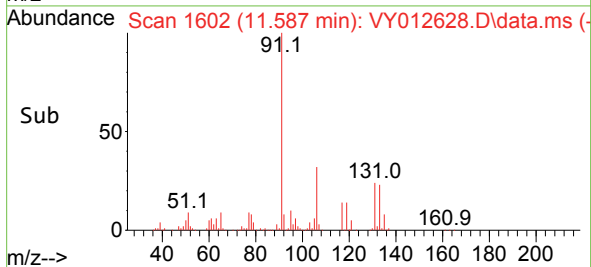
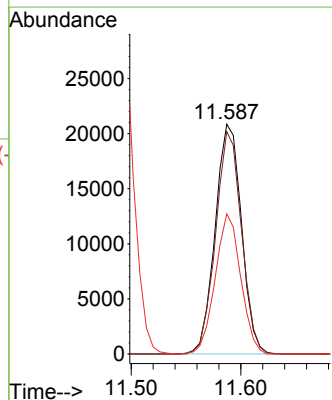
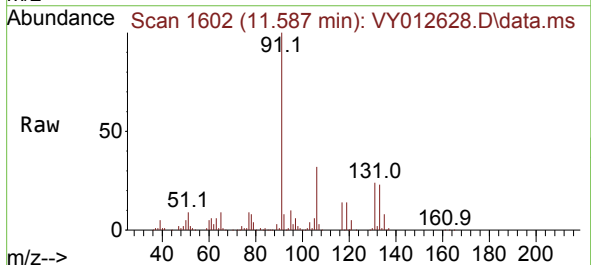
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

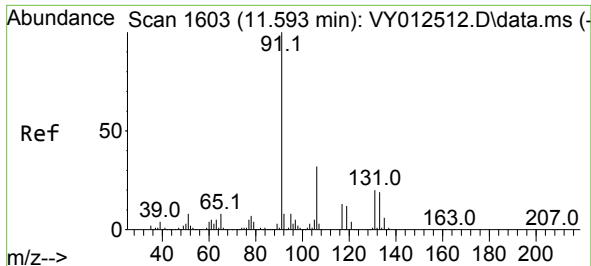
Tgt Ion:112 Resp: 85520
Ion Ratio Lower Upper
112 100
114 30.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 22.002 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion:131 Resp: 34701
Ion Ratio Lower Upper
131 100
133 95.4 48.5 145.5
119 59.2 30.7 92.1

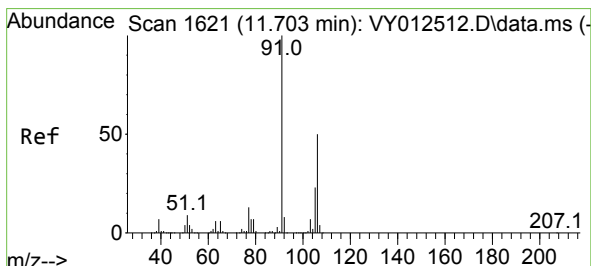
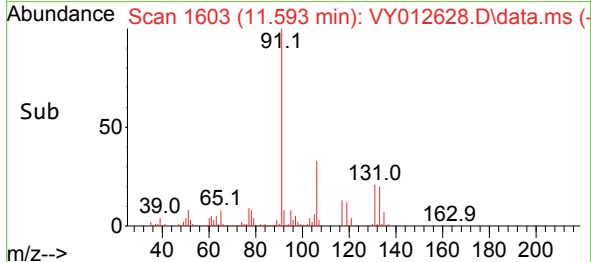
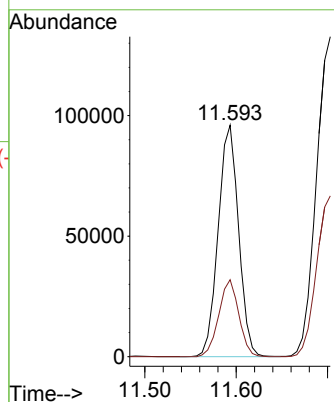
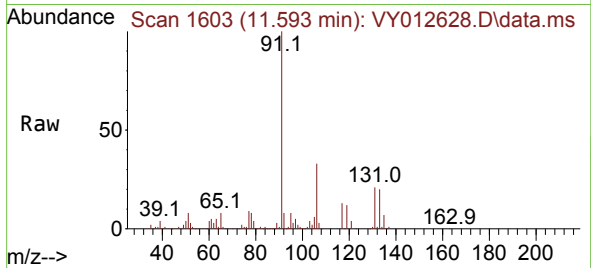




#67
Ethyl Benzene
Concen: 21.075 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

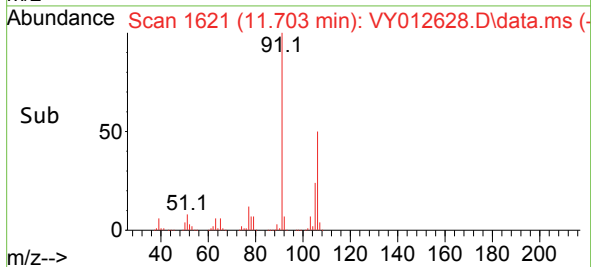
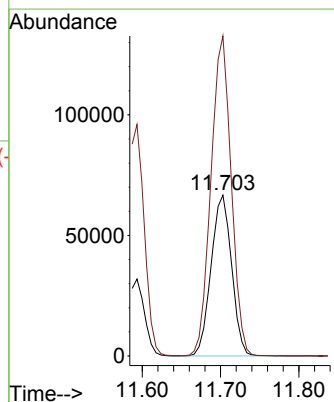
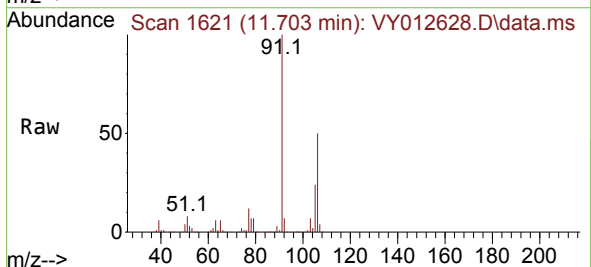
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

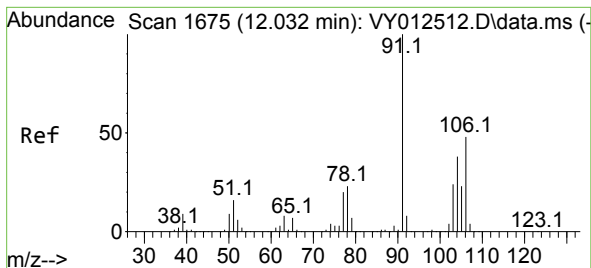
Tgt Ion: 91 Resp: 148909
Ion Ratio Lower Upper
91 100
106 33.3 25.6 38.4



#68
m/p-Xylenes
Concen: 42.933 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion:106 Resp: 121086
Ion Ratio Lower Upper
106 100
91 196.7 160.3 240.5





#69

o-Xylene

Concen: 21.159 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.006 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

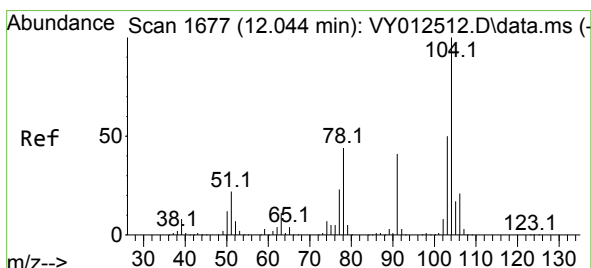
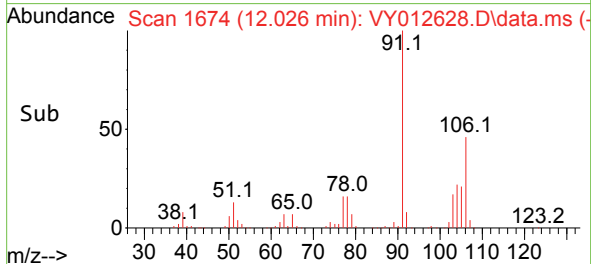
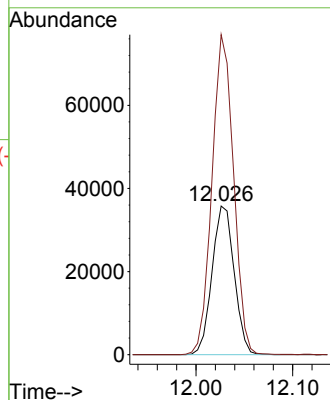
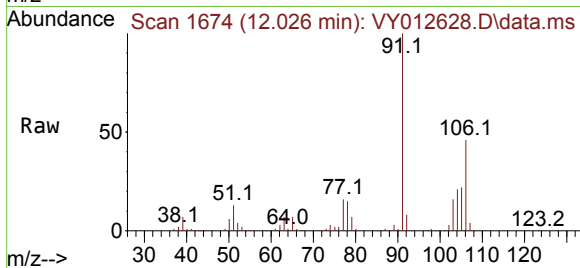
VY0216SBS01

Tgt Ion:106 Resp: 56832

Ion Ratio Lower Upper

106 100

91 210.4 104.2 312.5



#70

Styrene

Concen: 21.508 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

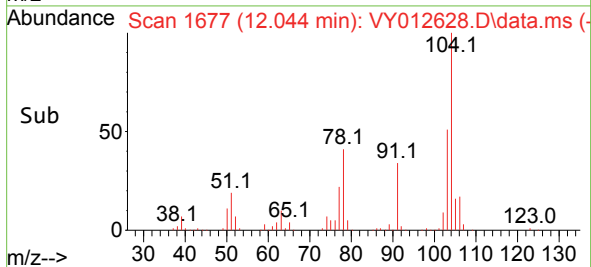
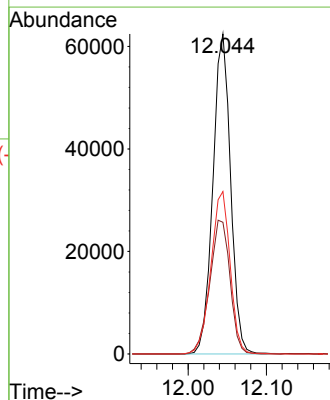
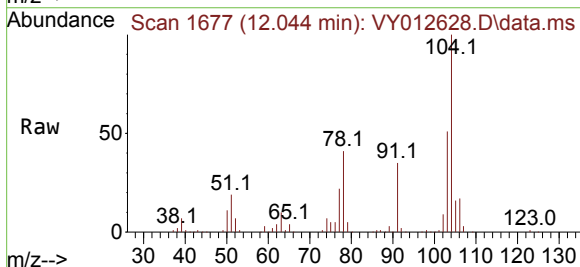
Tgt Ion:104 Resp: 97974

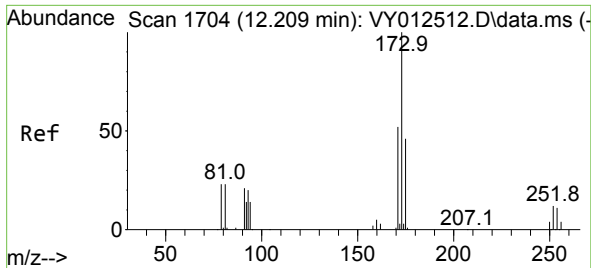
Ion Ratio Lower Upper

104 100

78 47.8 39.4 59.2

103 55.2 43.8 65.8

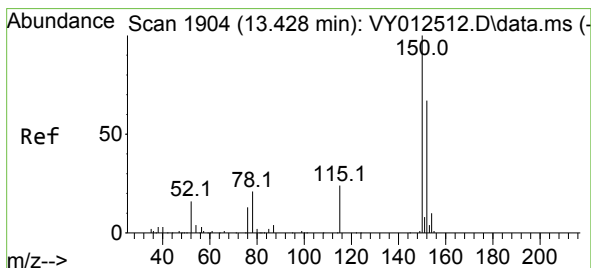
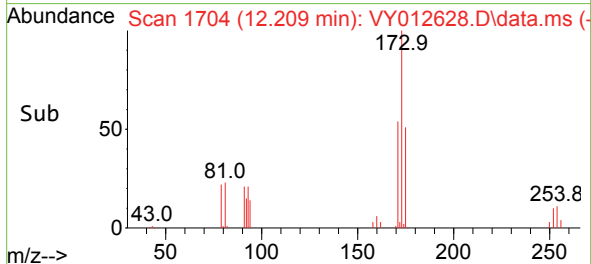
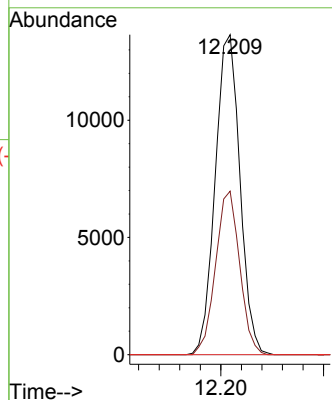
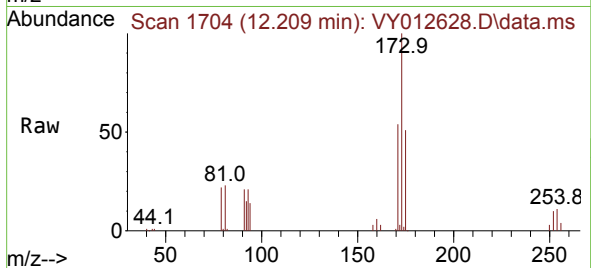




#71
Bromoform
Concen: 22.816 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

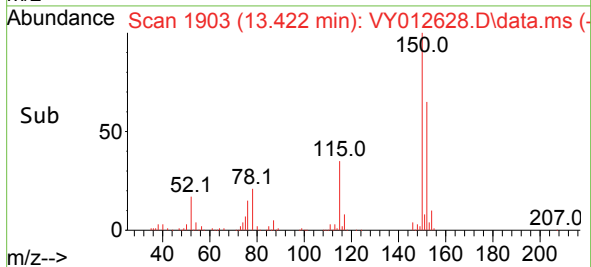
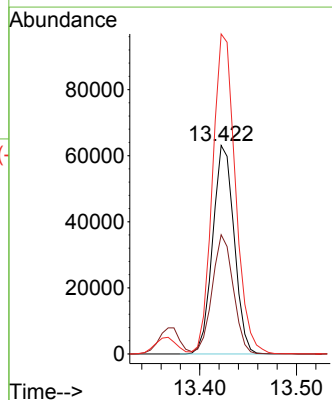
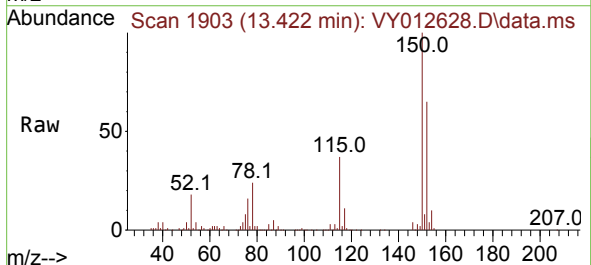
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

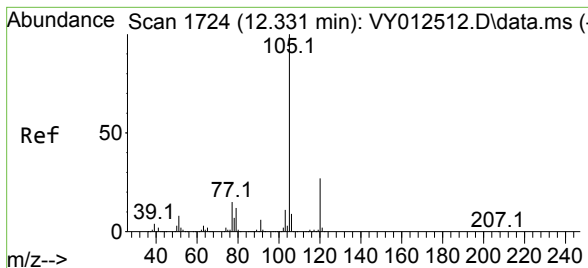
Tgt Ion:173 Resp: 22745
Ion Ratio Lower Upper
173 100
175 49.9 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion:152 Resp: 96966
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.3
150 163.9 0.0 351.0





#73

Isopropylbenzene

Concen: 20.238 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

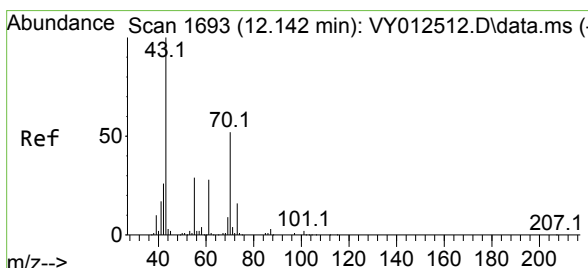
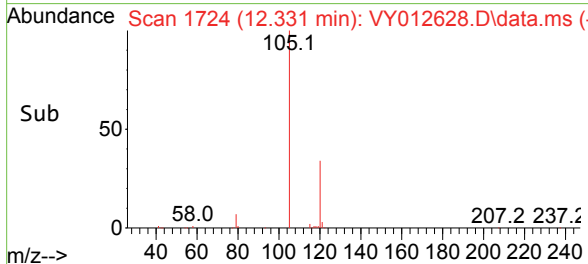
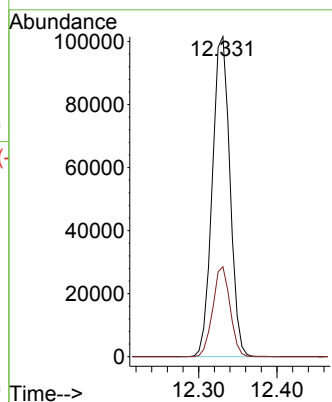
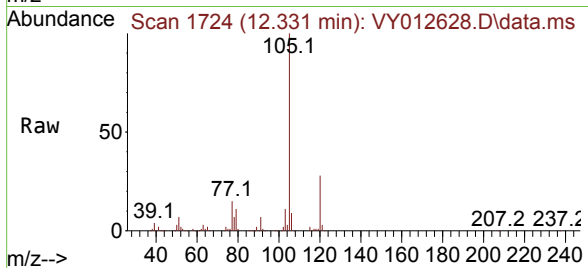
VY0216SBS01

Tgt Ion:105 Resp: 158768

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.2



#74

N-ethyl acetate

Concen: 19.919 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Tgt Ion: 43 Resp: 28288

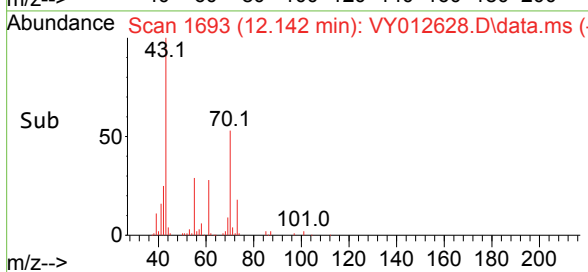
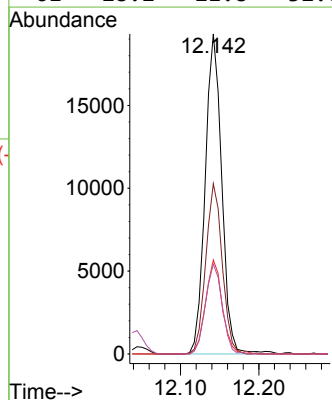
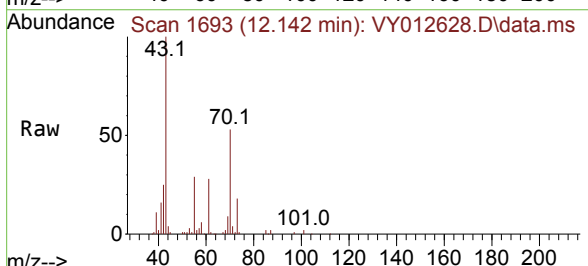
Ion Ratio Lower Upper

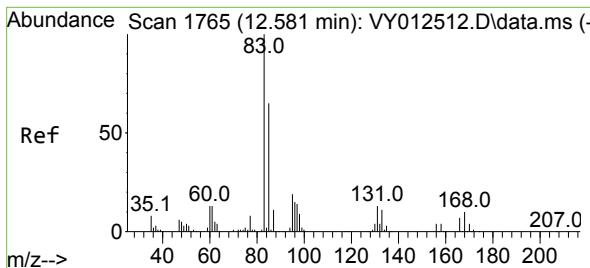
43 100

70 52.9 41.0 61.6

55 29.7 22.9 34.3

61 28.2 21.8 32.6

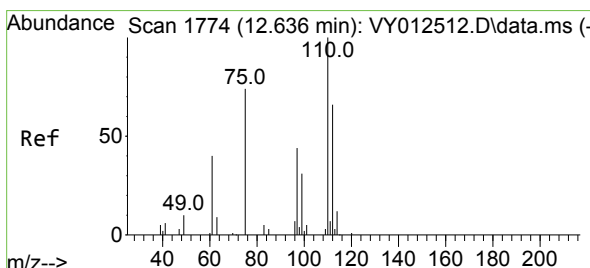
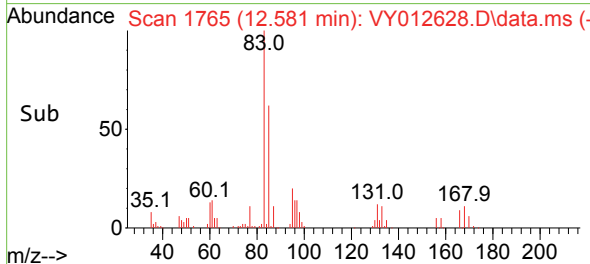
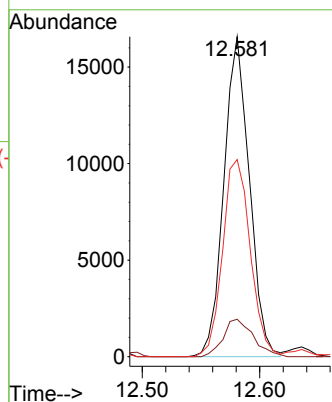
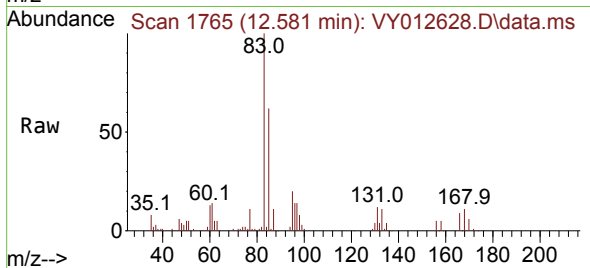




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.716 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY012628.D
 Acq: 16 Feb 2023 11:00

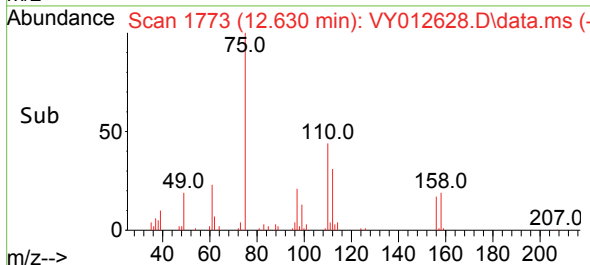
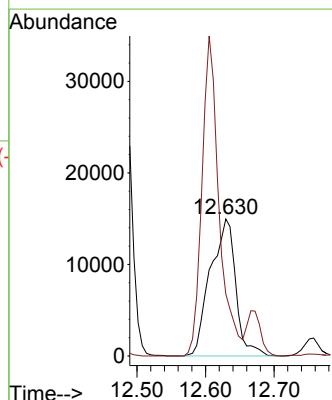
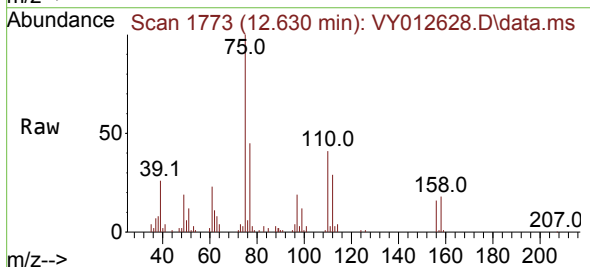
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0216SBS01

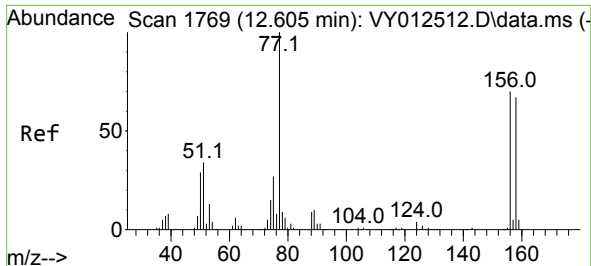
Tgt Ion: 83 Resp: 25010
 Ion Ratio Lower Upper
 83 100
 131 13.8 6.5 19.4
 85 66.9 33.0 99.0



#76
 1,2,3-Trichloropropane
 Concen: 35.571 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY012628.D
 Acq: 16 Feb 2023 11:00

Tgt Ion: 75 Resp: 38536
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

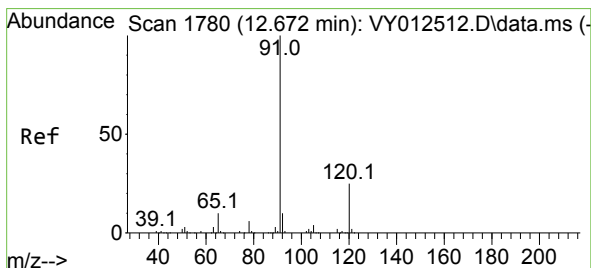
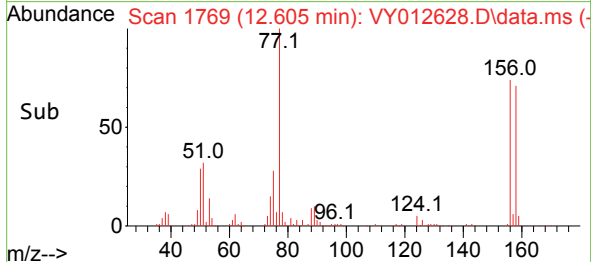
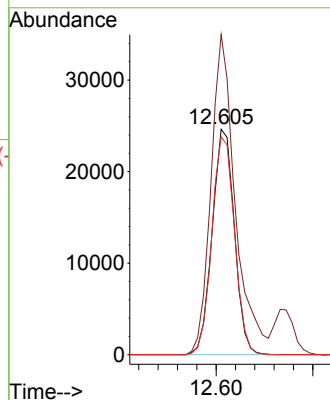
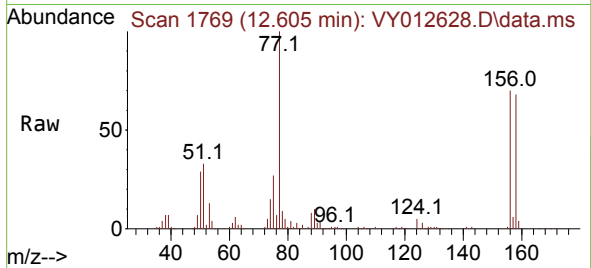




#77
Bromobenzene
Concen: 20.646 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

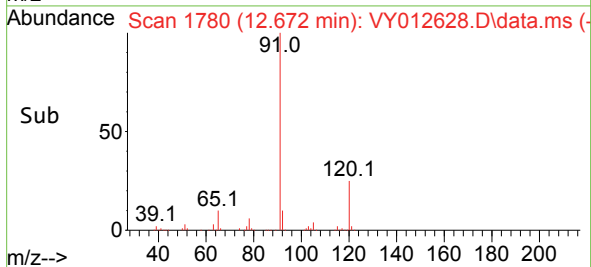
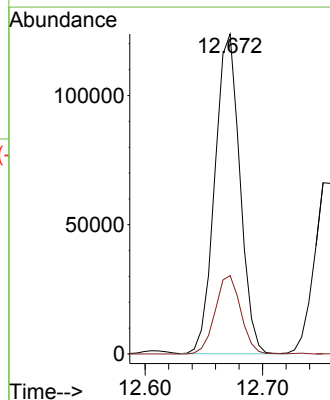
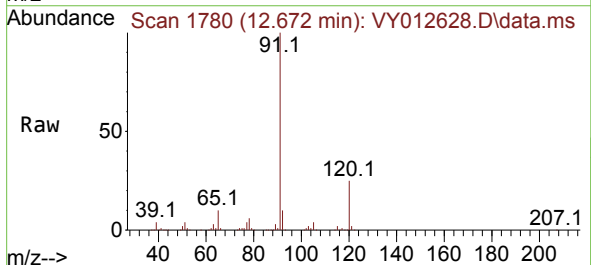
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

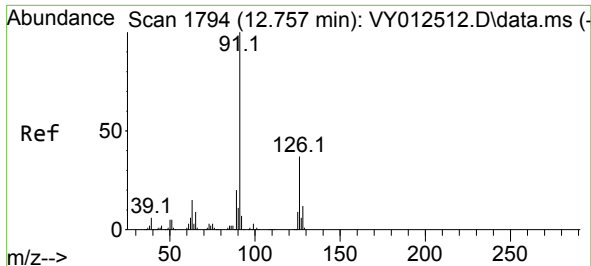
Tgt Ion:156 Resp: 39257
Ion Ratio Lower Upper
156 100
77 155.3 80.6 241.8
158 98.5 49.1 147.3



#78
n-propylbenzene
Concen: 20.273 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 91 Resp: 183063
Ion Ratio Lower Upper
91 100
120 25.0 12.4 37.4

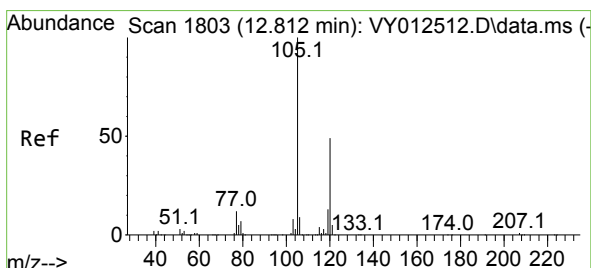
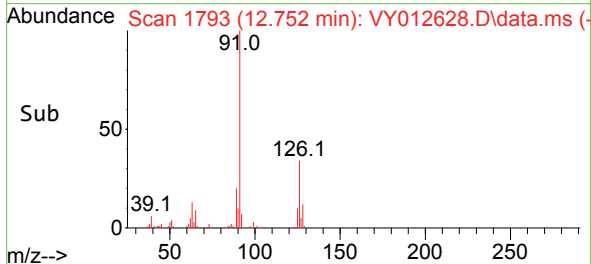
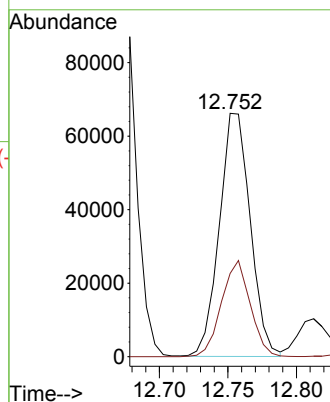
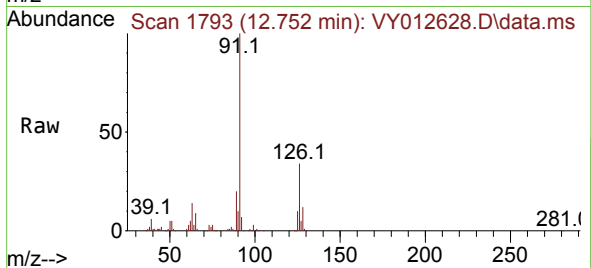




#79
2-Chlorotoluene
Concen: 20.308 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

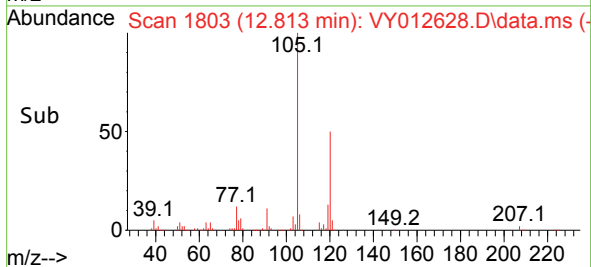
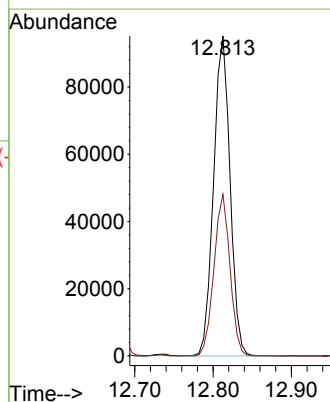
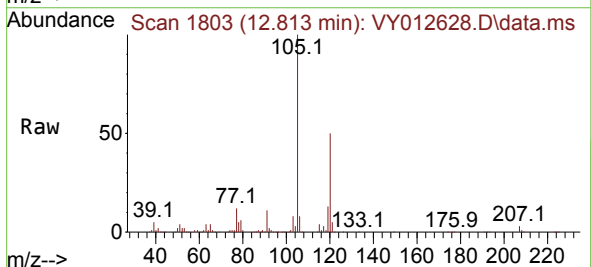
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

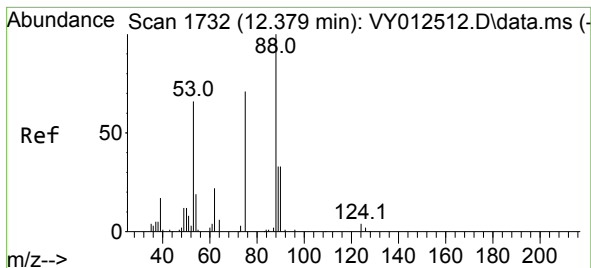
Tgt Ion: 91 Resp: 104100
Ion Ratio Lower Upper
91 100
126 36.7 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 20.585 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 105 Resp: 139022
Ion Ratio Lower Upper
105 100
120 49.3 24.6 74.0

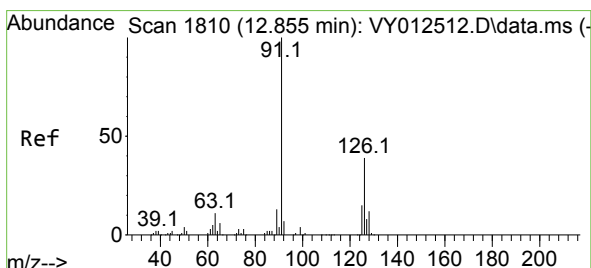
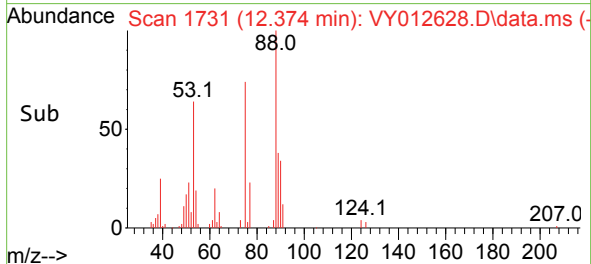
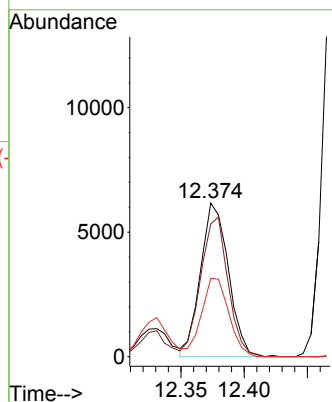
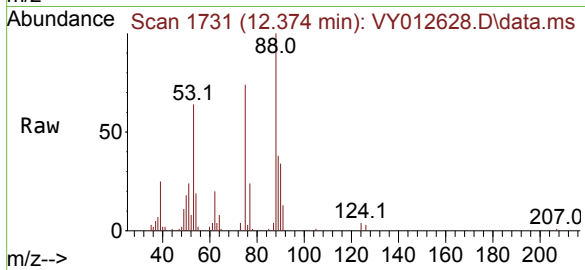




#81
trans-1,4-Dichloro-2-butene
Concen: 19.777 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

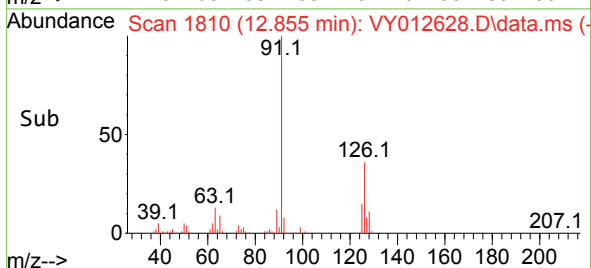
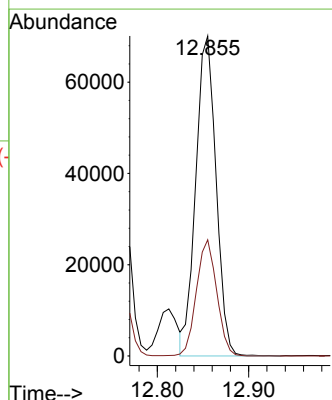
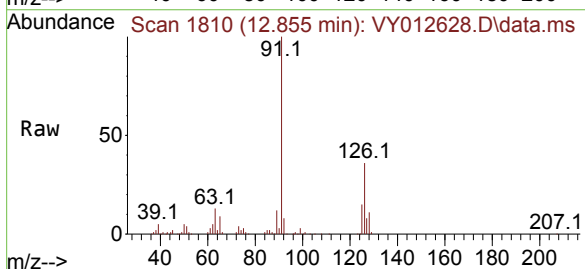
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

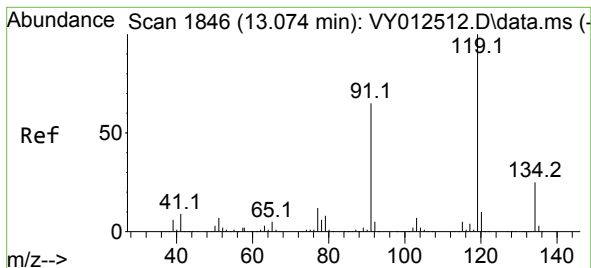
Tgt Ion: 75 Resp: 9501
Ion Ratio Lower Upper
75 100
53 89.0 73.1 109.7
89 50.4 39.9 59.9



#82
4-Chlorotoluene
Concen: 20.148 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion: 91 Resp: 108340
Ion Ratio Lower Upper
91 100
126 36.4 18.1 54.3





#83

tert-Butylbenzene

Concen: 20.646 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

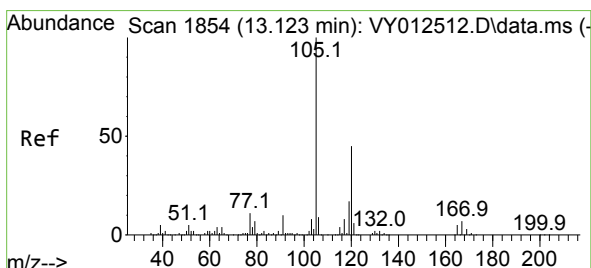
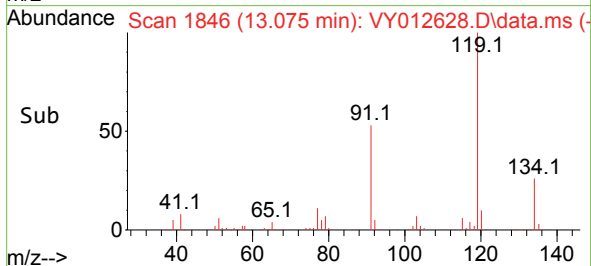
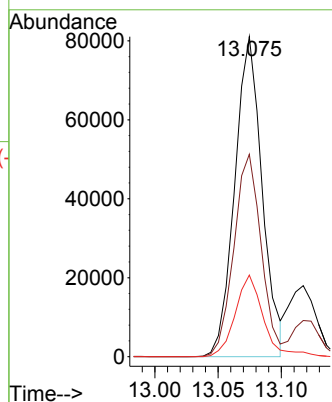
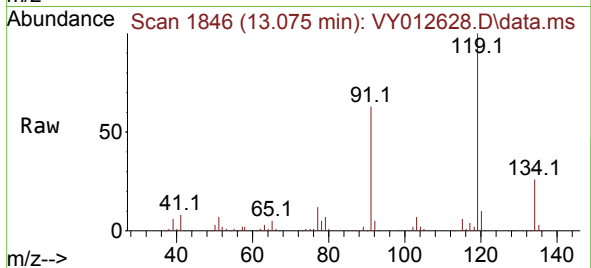
Tgt Ion:119 Resp: 122268

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: 20.694 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY012628.D

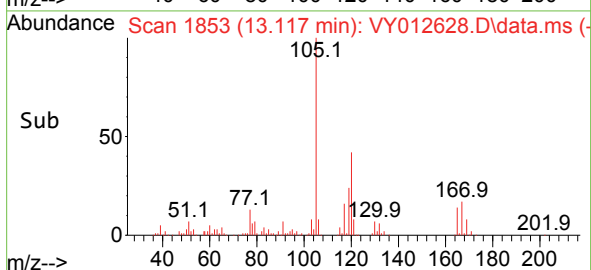
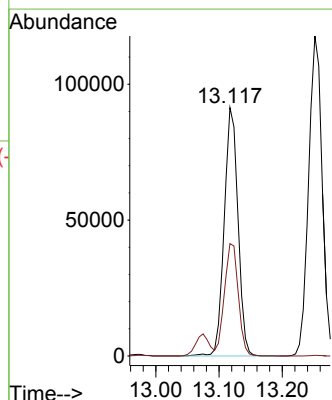
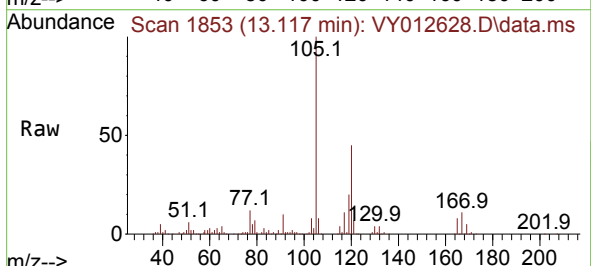
Acq: 16 Feb 2023 11:00

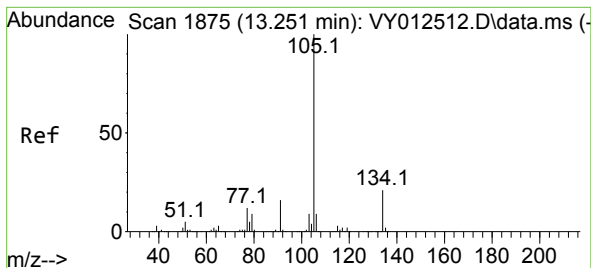
Tgt Ion:105 Resp: 137514

Ion Ratio Lower Upper

105 100

120 45.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 20.531 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

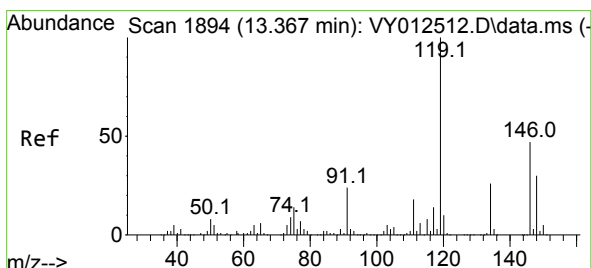
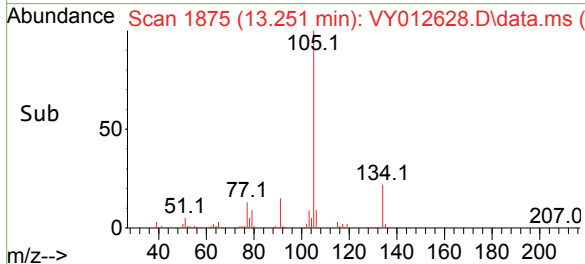
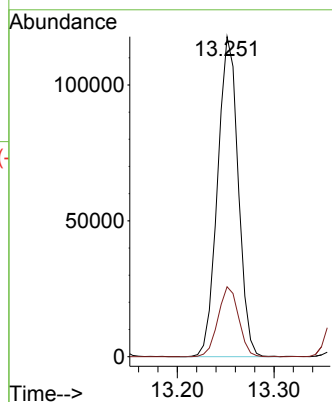
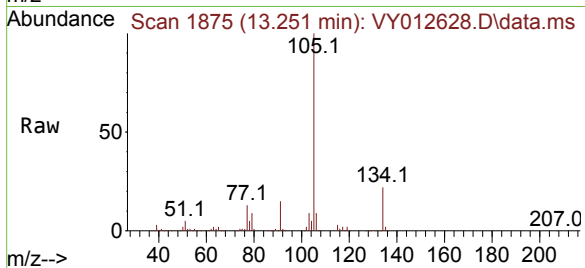
VY0216SBS01

Tgt Ion:105 Resp: 173943

Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.3



#86

p-Isopropyltoluene

Concen: 20.615 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

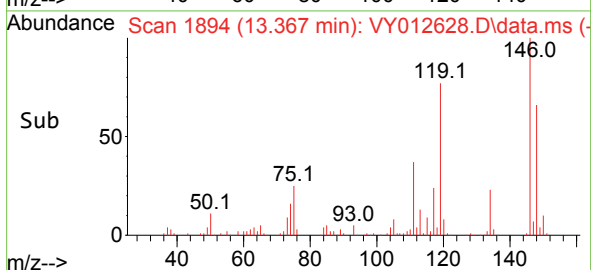
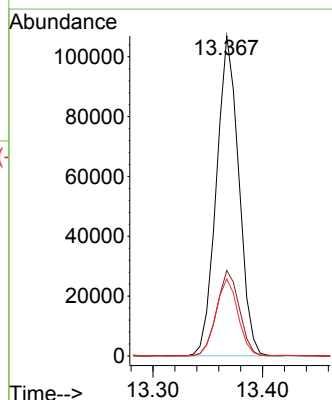
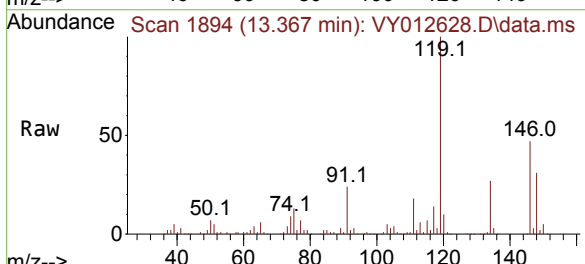
Tgt Ion:119 Resp: 151520

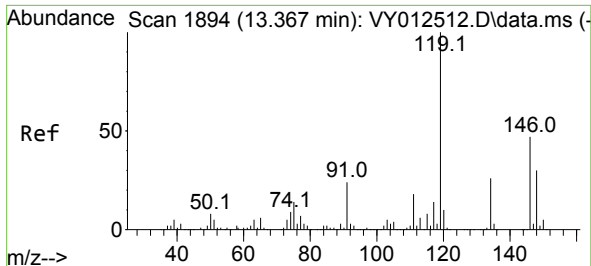
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 23.9 12.0 36.1

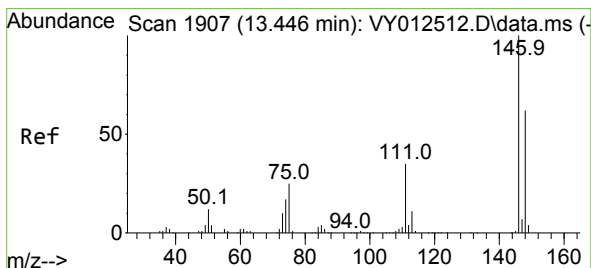
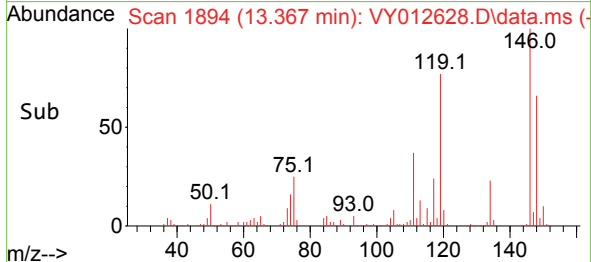
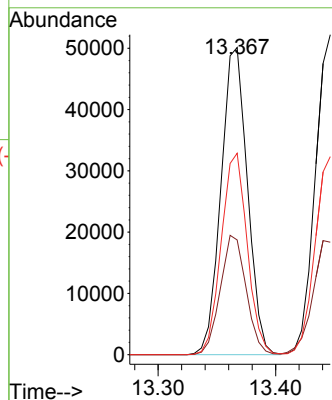
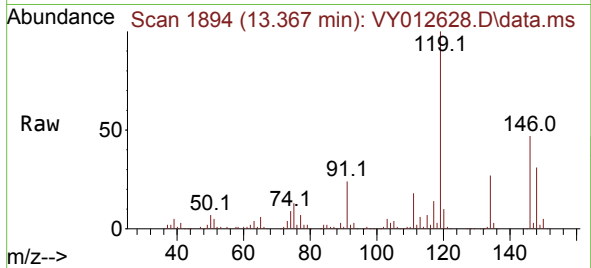




#87
 1,3-Dichlorobenzene
 Concen: 20.738 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012628.D
 Acq: 16 Feb 2023 11:00

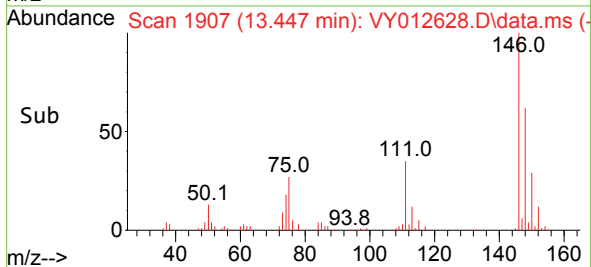
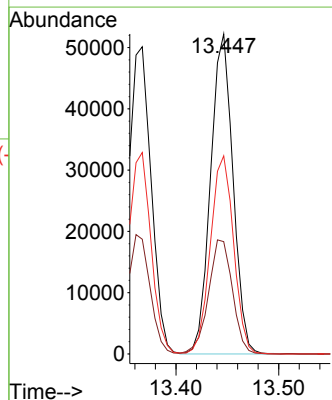
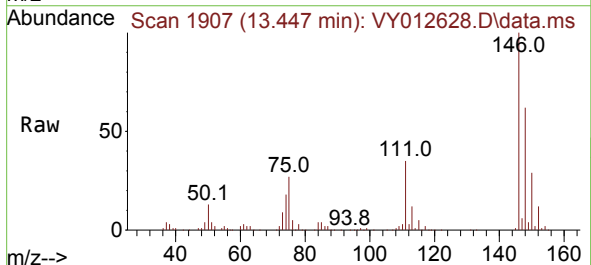
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0216SBS01

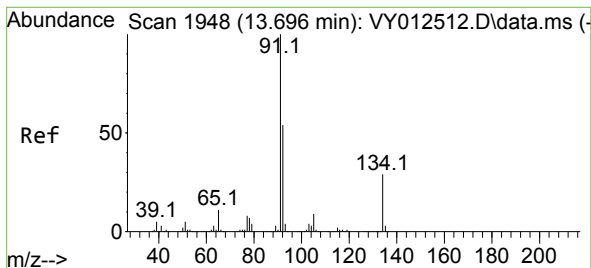
Tgt Ion:146 Resp: 78461
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.3 57.9
 148 64.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 20.854 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY012628.D
 Acq: 16 Feb 2023 11:00

Tgt Ion:146 Resp: 79029
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.4 55.2
 148 64.1 31.6 95.0





#89

n-Butylbenzene

Concen: 20.507 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

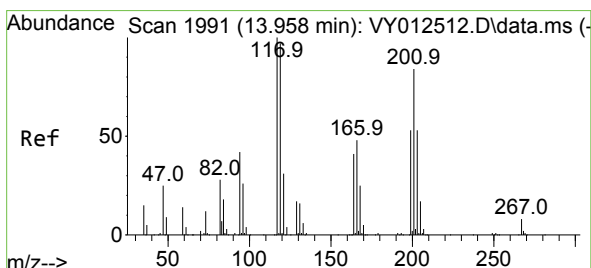
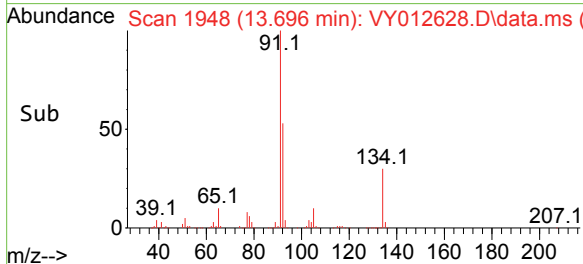
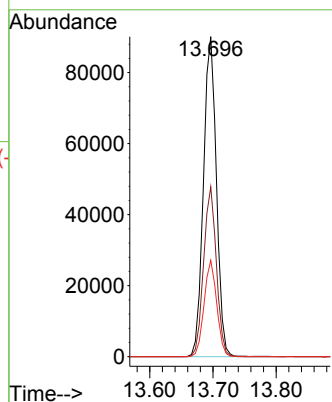
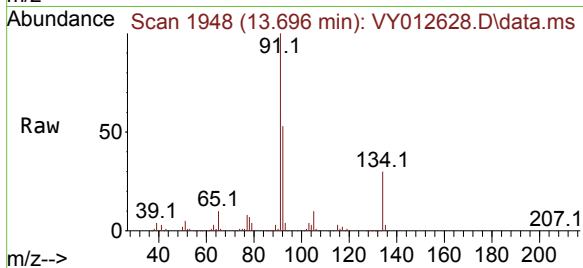
Tgt Ion: 91 Resp: 128818

Ion Ratio Lower Upper

91 100

92 52.3 26.6 79.7

134 29.3 14.5 43.5



#90

Hexachloroethane

Concen: 20.320 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012628.D

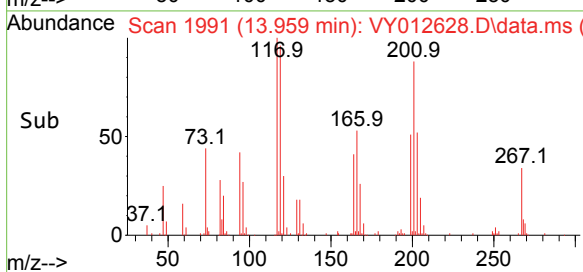
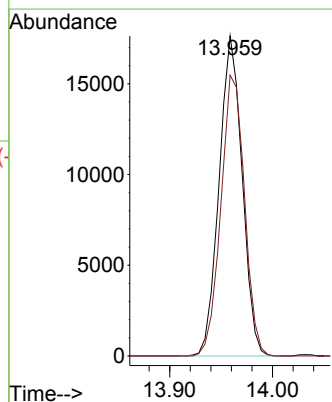
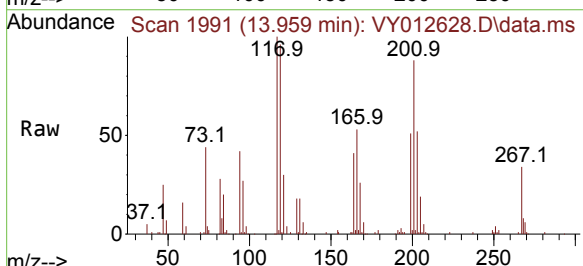
Acq: 16 Feb 2023 11:00

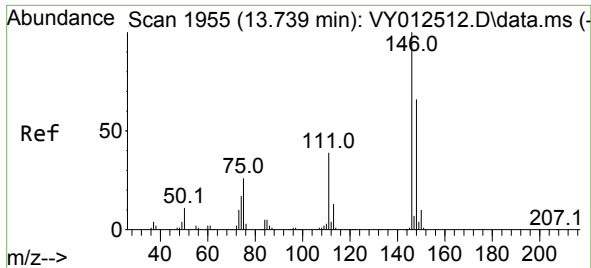
Tgt Ion: 117 Resp: 27413

Ion Ratio Lower Upper

117 100

201 90.0 43.9 131.7

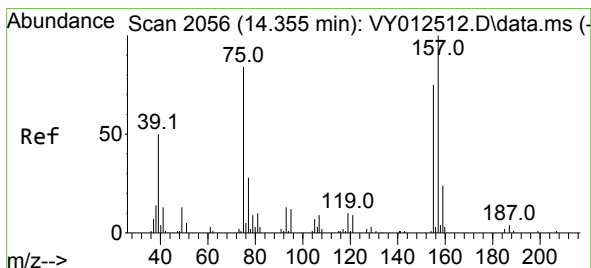
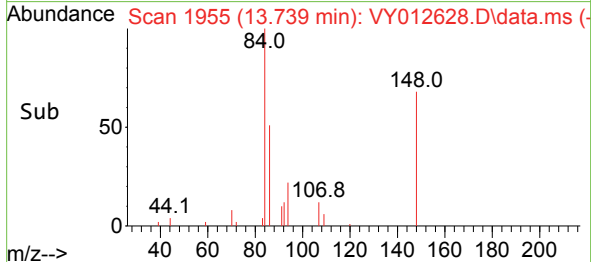
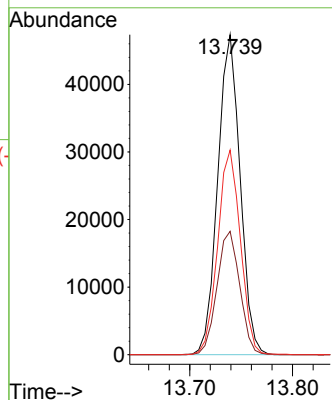
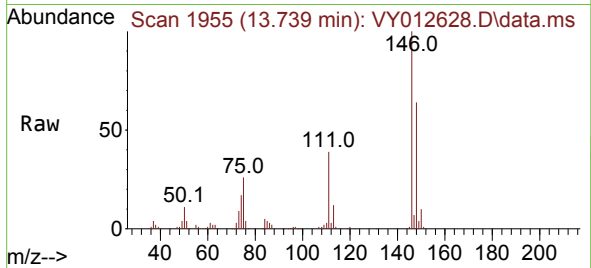




#91
1,2-Dichlorobenzene
Concen: 20.997 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

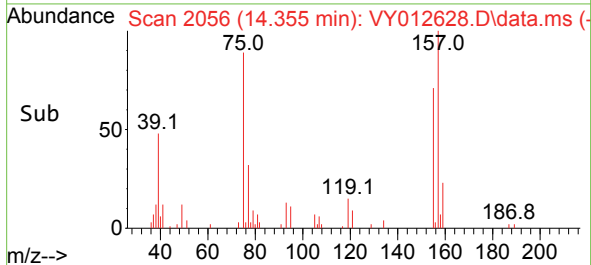
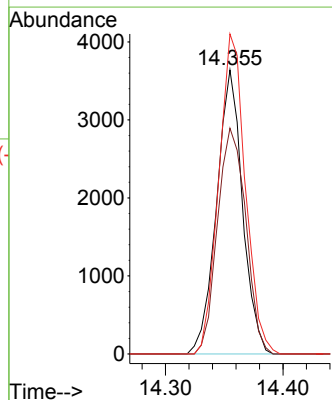
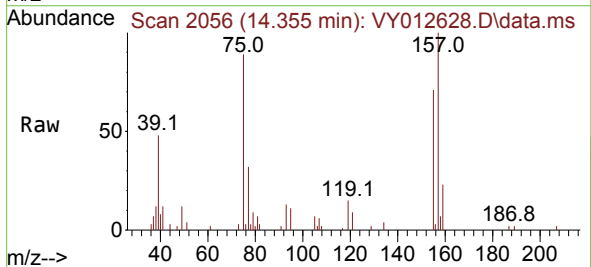
Instrument :
MSVOA_Y
ClientSampleId :
VY0216SBS01

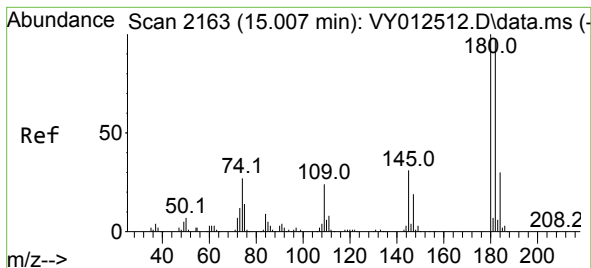
Tgt Ion:	146	Resp:	71463
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.7	59.1
148	64.9	32.0	96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.073 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012628.D
Acq: 16 Feb 2023 11:00

Tgt Ion:	75	Resp:	5572
Ion Ratio	Lower	Upper	
75	100		
155	86.8	46.5	139.3
157	115.9	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 21.632 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

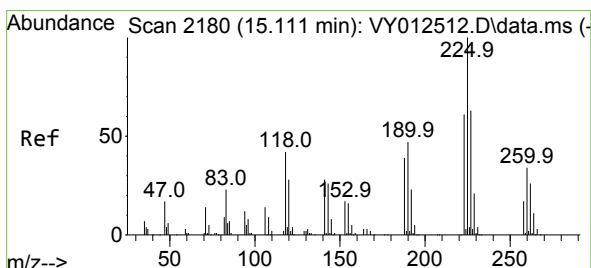
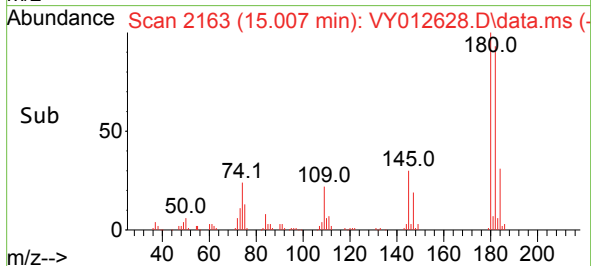
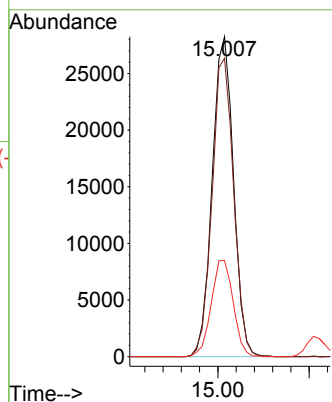
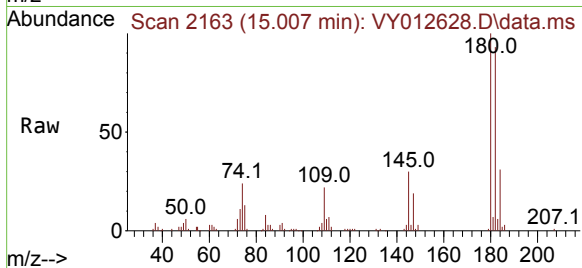
Tgt Ion:180 Resp: 45619

Ion Ratio Lower Upper

180 100

182 94.6 47.7 143.1

145 31.1 15.4 46.4



#94

Hexachlorobutadiene

Concen: 22.005 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

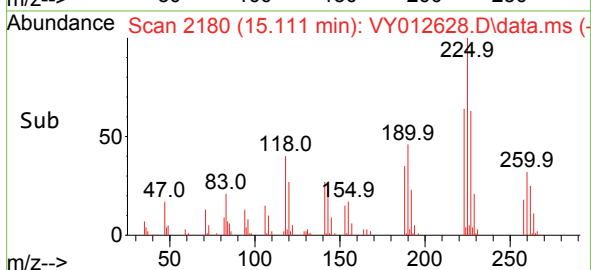
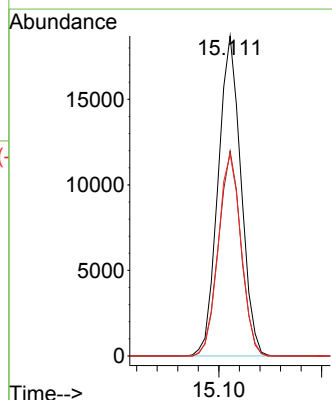
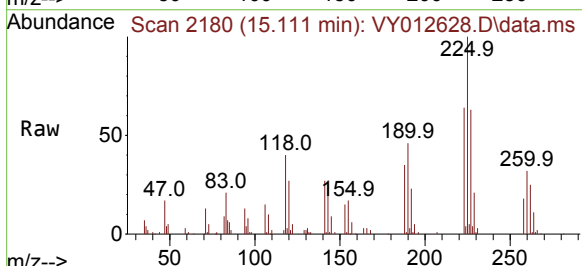
Tgt Ion:225 Resp: 28828

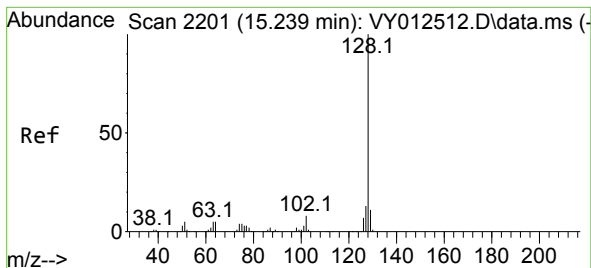
Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.3

227 63.0 31.9 95.5





#95

Naphthalene

Concen: 21.775 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0216SBS01

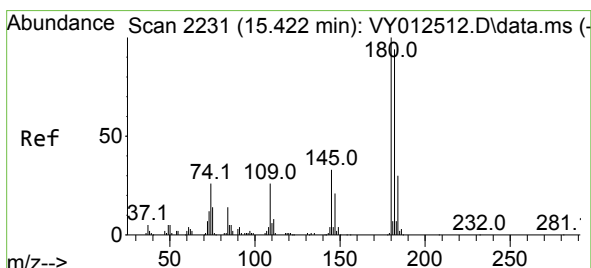
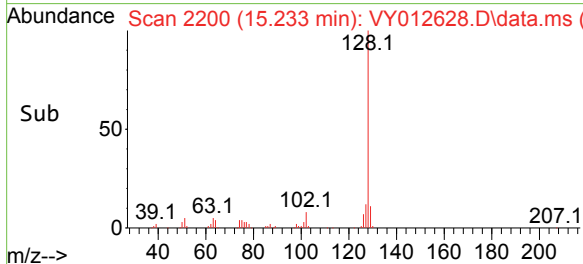
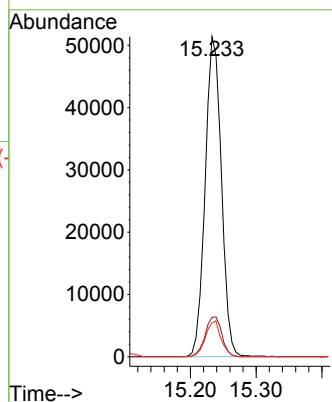
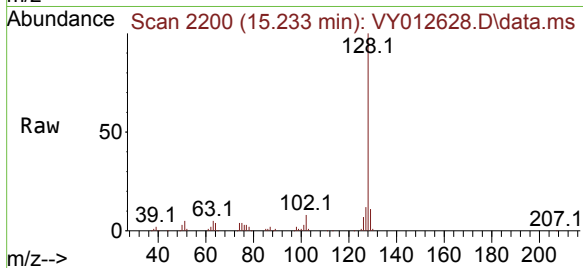
Tgt Ion:128 Resp: 88150

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 22.059 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY012628.D

Acq: 16 Feb 2023 11:00

Tgt Ion:180 Resp: 40267

Ion Ratio Lower Upper

180 100

182 95.5 47.4 142.2

145 30.6 16.2 48.6

