

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017544.D
 Acq On : 01 Mar 2024 11:07
 Operator : SY/MD
 Sample : VY0301SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0301SBS01

Quant Time: Mar 02 00:15:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	128366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	200881	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	172239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	66571	54.721	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.440%	
35) Dibromofluoromethane	7.728	113	78683	56.210	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.420%	
50) Toluene-d8	10.191	98	298248	60.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 121.880%	
62) 4-Bromofluorobenzene	12.489	95	88700	57.668	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	20139	21.268	ug/l	99
3) Chloromethane	2.119	50	36683	21.203	ug/l	95
4) Vinyl Chloride	2.259	62	43581	19.635	ug/l	99
5) Bromomethane	2.656	94	40014	22.122	ug/l	96
6) Chloroethane	2.802	64	29285	20.915	ug/l	97
7) Trichlorofluoromethane	3.131	101	46852	20.711	ug/l	95
8) Diethyl Ether	3.540	74	13699	20.647	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.912	101	28482	21.889	ug/l	97
10) Methyl Iodide	4.107	142	29933	20.498	ug/l	98
11) Tert butyl alcohol	4.979	59	9516	92.085	ug/l #	93
12) 1,1-Dichloroethene	3.881	96	26171	21.582	ug/l	98
13) Acrolein	3.747	56	13880	101.795	ug/l	97
14) Allyl chloride	4.497	41	30243	20.641	ug/l	98
15) Acrylonitrile	5.186	53	26471	97.054	ug/l	99
16) Acetone	3.973	43	24879	105.436	ug/l	96
17) Carbon Disulfide	4.210	76	72042	19.793	ug/l	98
18) Methyl Acetate	4.497	43	10177	17.778	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	57179	20.230	ug/l	96
20) Methylene Chloride	4.729	84	43250	28.884	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	29935	21.084	ug/l	98
22) Diisopropyl ether	6.131	45	73913	21.861	ug/l	97
23) Vinyl Acetate	6.076	43	206531	102.509	ug/l	96
24) 1,1-Dichloroethane	6.033	63	50460	21.845	ug/l	97
25) 2-Butanone	7.009	43	33745	100.348	ug/l	97
26) 2,2-Dichloropropane	6.990	77	42039	21.646	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	33770	21.184	ug/l	98
28) Bromochloromethane	7.350	49	18196	20.002	ug/l	98
29) Tetrahydrofuran	7.362	42	18879	93.132	ug/l	99
30) Chloroform	7.521	83	53648	21.814	ug/l	97
31) Cyclohexane	7.801	56	40597	20.505	ug/l	91
32) 1,1,1-Trichloroethane	7.716	97	46303	21.686	ug/l	98
36) 1,1-Dichloropropene	7.929	75	40139	21.253	ug/l	99
37) Ethyl Acetate	7.094	43	14401	19.306	ug/l #	95
38) Carbon Tetrachloride	7.911	117	41402	21.873	ug/l	98
39) Methylcyclohexane	9.197	83	46288	20.394	ug/l	96
40) Benzene	8.173	78	120411	21.468	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	6419	17.148	ug/l #	82
42) 1,2-Dichloroethane	8.246	62	28790	21.038	ug/l	98
43) Isopropyl Acetate	8.283	43	25346	19.336	ug/l	97
44) Trichloroethene	8.947	130	34288	21.210	ug/l	97
45) 1,2-Dichloropropane	9.228	63	28514	21.368	ug/l	98
46) Dibromomethane	9.313	93	15908	20.831	ug/l	98
47) Bromodichloromethane	9.508	83	39111	21.092	ug/l	95
48) Methyl methacrylate	9.301	41	11652	19.204	ug/l	98
49) 1,4-Dioxane	9.319	88	2830	327.443	ug/l #	88
51) 4-Methyl-2-Pentanone	10.081	43	70006	95.826	ug/l	99
52) Toluene	10.252	92	75490	21.350	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	35831	20.819	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	44293	21.180	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	22902	21.122	ug/l	97
56) Ethyl methacrylate	10.520	69	23339	19.146	ug/l	99
57) 1,3-Dichloropropane	10.801	76	36824	20.888	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	66264	105.906	ug/l	99
59) 2-Hexanone	10.843	43	50209	100.057	ug/l	100
60) Dibromochloromethane	10.996	129	27190	21.197	ug/l	98
61) 1,2-Dibromoethane	11.099	107	20150	20.166	ug/l	98
64) Tetrachloroethene	10.727	164	33909	20.511	ug/l	95
65) Chlorobenzene	11.526	112	80305	21.966	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	28868	21.077	ug/l	98
67) Ethyl Benzene	11.605	91	137412	21.432	ug/l	96
68) m/p-Xylenes	11.715	106	109614	43.509	ug/l	98
69) o-Xylene	12.038	106	50698	21.691	ug/l	96
70) Styrene	12.050	104	82529	21.272	ug/l	98
71) Bromoform	12.215	173	15537	20.471	ug/l #	99
73) Isopropylbenzene	12.337	105	130753	22.546	ug/l	100
74) N-amyl acetate	12.154	43	20911	20.444	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.593	83	23738	23.837	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	28219	38.047	ug/l #	100
77) Bromobenzene	12.617	156	31015	22.084	ug/l	96
78) n-propylbenzene	12.678	91	160837	23.114	ug/l	99
79) 2-Chlorotoluene	12.764	91	87049	22.344	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	105595	22.727	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	6910	21.408	ug/l	96
82) 4-Chlorotoluene	12.867	91	89061	22.350	ug/l	98
83) tert-Butylbenzene	13.087	119	93298	22.868	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	101772	22.188	ug/l	99
85) sec-Butylbenzene	13.264	105	141018	22.607	ug/l	100
86) p-Isopropyltoluene	13.379	119	113288	22.186	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	60962	21.626	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	59767	21.808	ug/l	100
89) n-Butylbenzene	13.703	91	101755	21.842	ug/l	100
90) Hexachloroethane	13.971	117	23390	22.848	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	52030	21.821	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2789	19.921	ug/l	99
93) 1,2,4-Trichlorobenzene	15.019	180	25538	20.277	ug/l	99
94) Hexachlorobutadiene	15.123	225	16960	21.811	ug/l	99
95) Naphthalene	15.245	128	39154	18.702	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	22161	20.511	ug/l	99

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VY0301SBS01

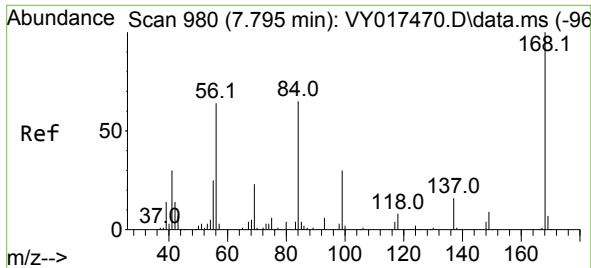
Quant Time: Mar 02 00:15:02 2024
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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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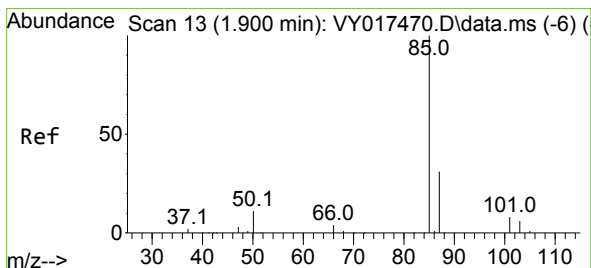
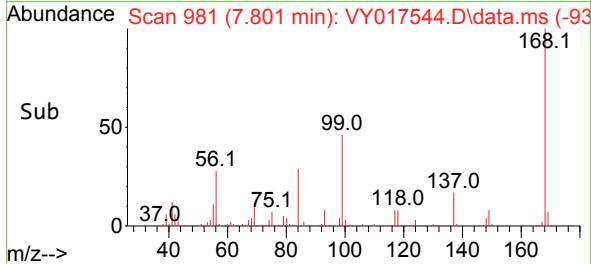
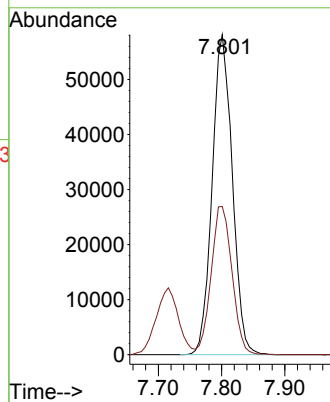
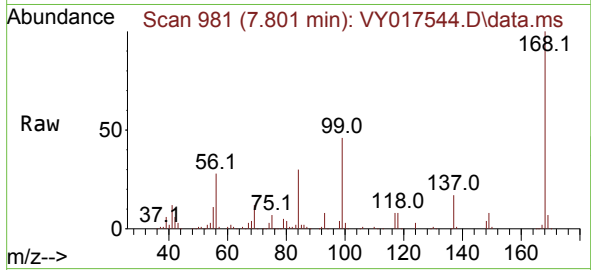




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

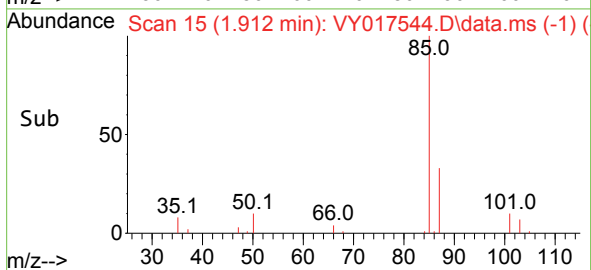
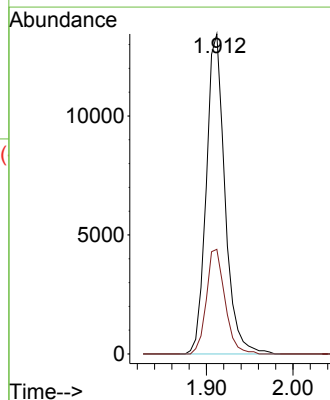
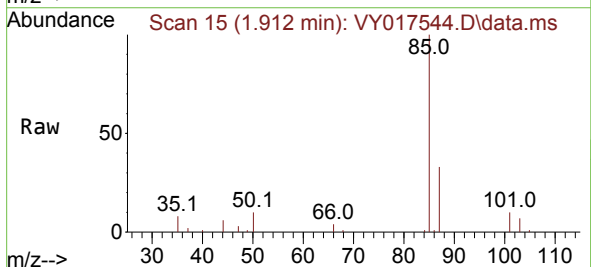
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

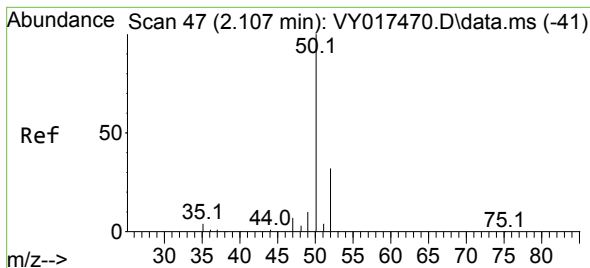
Tgt Ion:168 Resp: 128366
Ion Ratio Lower Upper
168 100
99 46.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 21.268 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 85 Resp: 20139
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0





#3

Chloromethane

Concen: 21.203 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.012 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

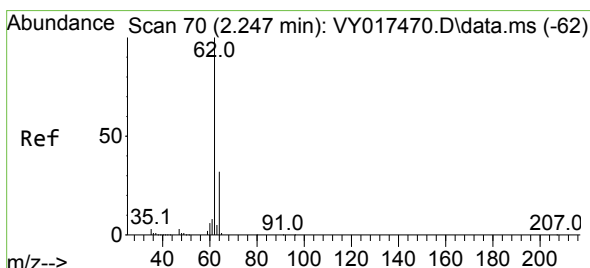
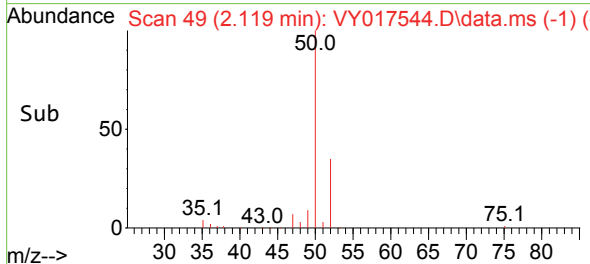
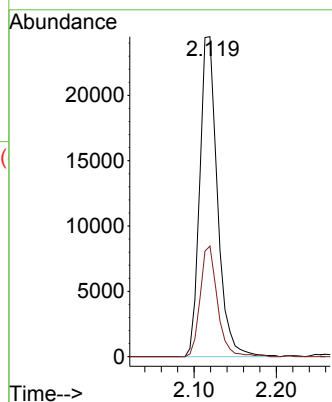
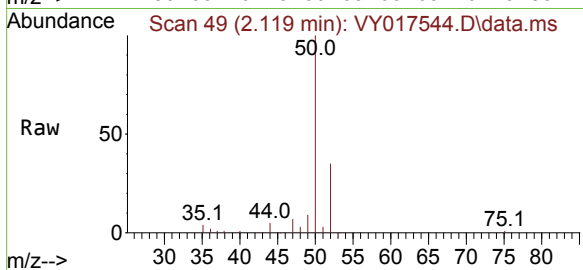
VY0301SBS01

Tgt Ion: 50 Resp: 36683

Ion Ratio Lower Upper

50 100

52 34.6 25.6 38.4



#4

Vinyl Chloride

Concen: 19.635 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.012 min

Lab File: VY017544.D

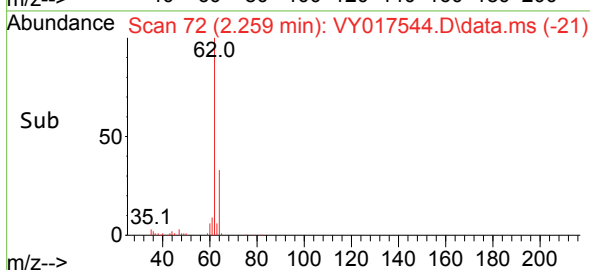
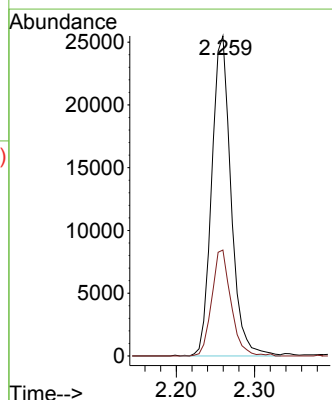
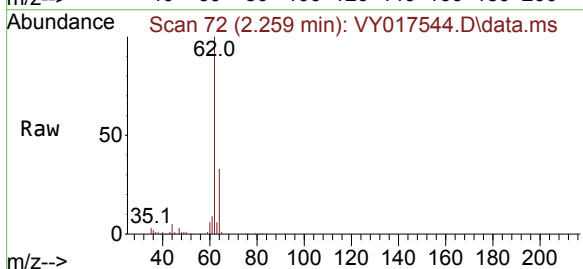
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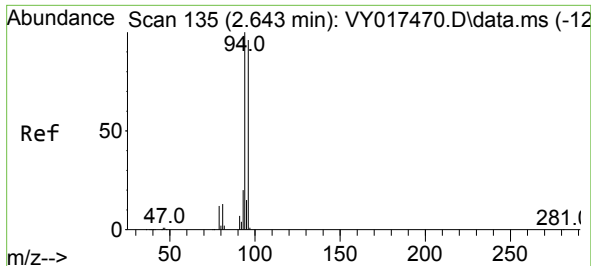
Tgt Ion: 62 Resp: 43581

Ion Ratio Lower Upper

62 100

64 33.1 26.1 39.1

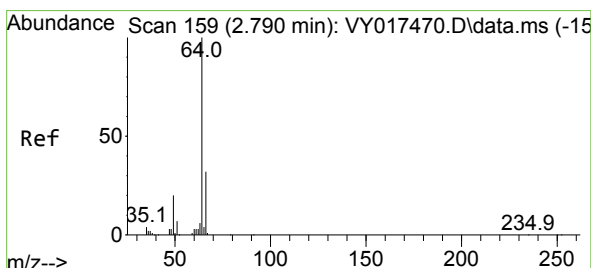
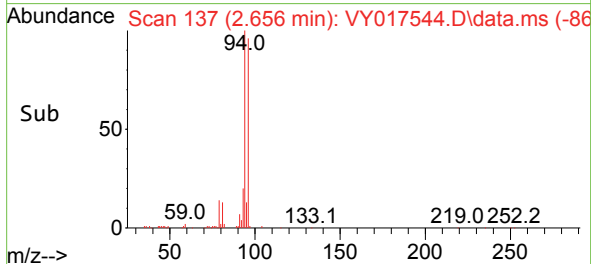
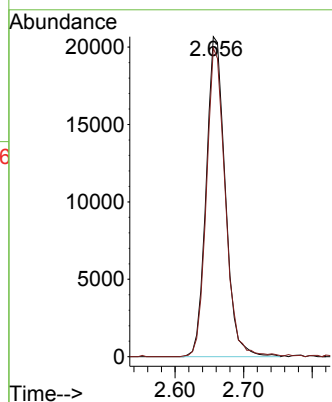
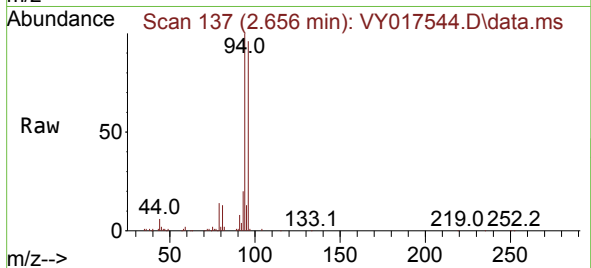




#5
Bromomethane
Concen: 22.122 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

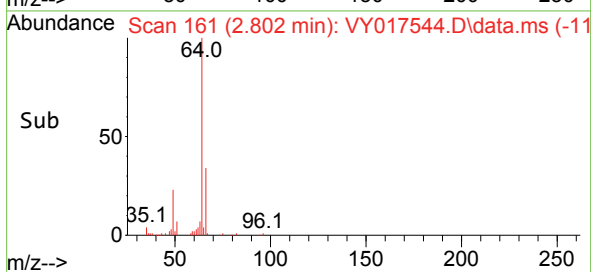
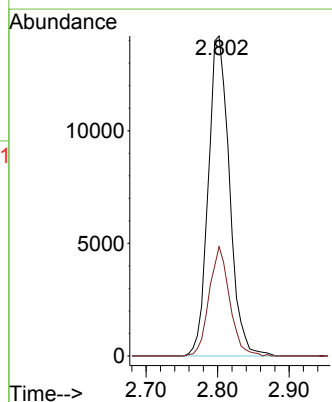
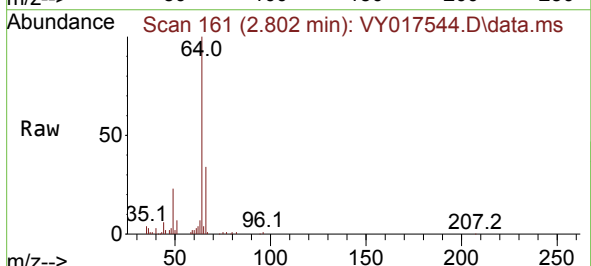
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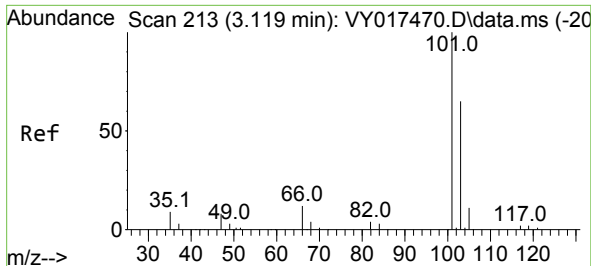
Tgt Ion: 94 Resp: 40014
Ion Ratio Lower Upper
94 100
96 96.4 74.1 111.1



#6
Chloroethane
Concen: 20.915 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 64 Resp: 29285
Ion Ratio Lower Upper
64 100
66 34.1 26.1 39.1

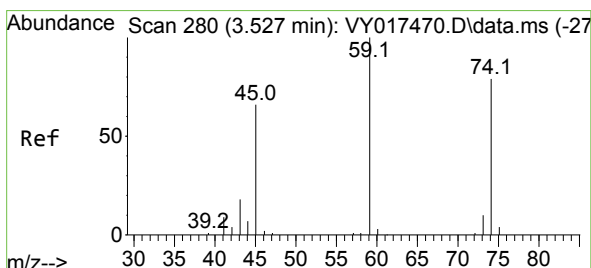
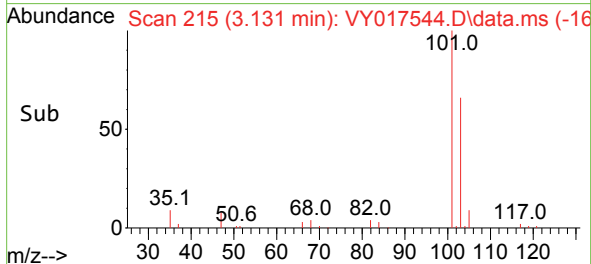
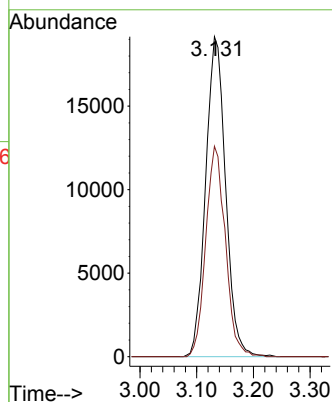
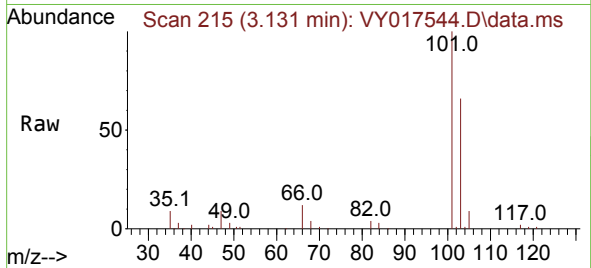




#7
 Trichlorofluoromethane
 Concen: 20.711 ug/l
 RT: 3.131 min Scan# 213
 Delta R.T. 0.012 min
 Lab File: VY017544.D
 Acq: 01 Mar 2024 11:07

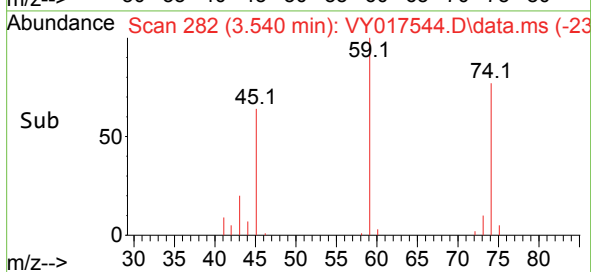
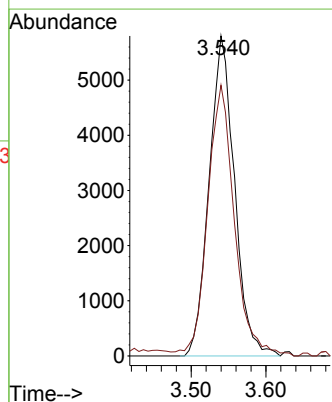
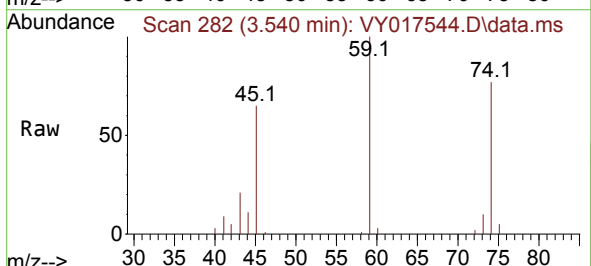
Instrument :
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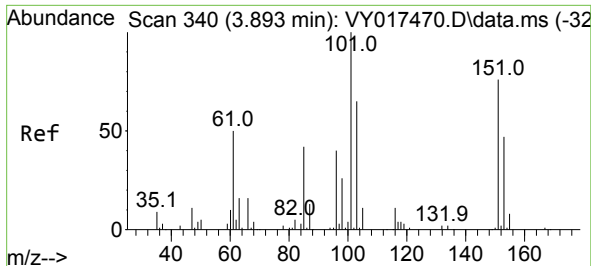
Tgt Ion:101 Resp: 46852
 Ion Ratio Lower Upper
 101 100
 103 65.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.647 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.012 min
 Lab File: VY017544.D
 Acq: 01 Mar 2024 11:07

Tgt Ion: 74 Resp: 13699
 Ion Ratio Lower Upper
 74 100
 45 89.3 41.3 124.1

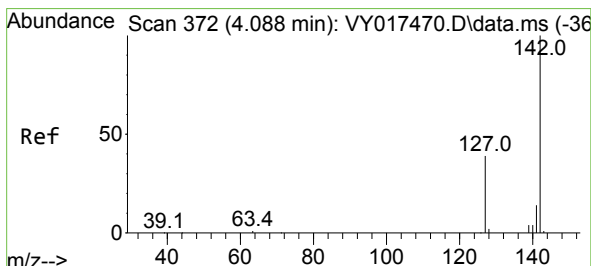
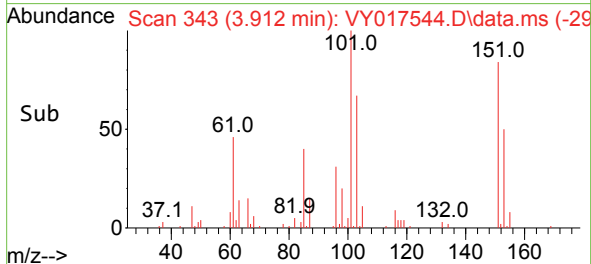
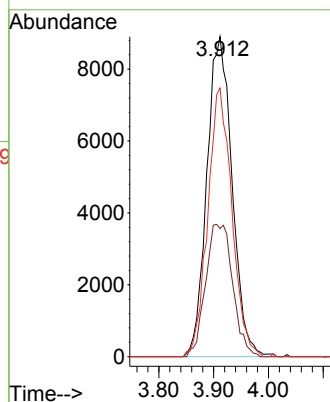
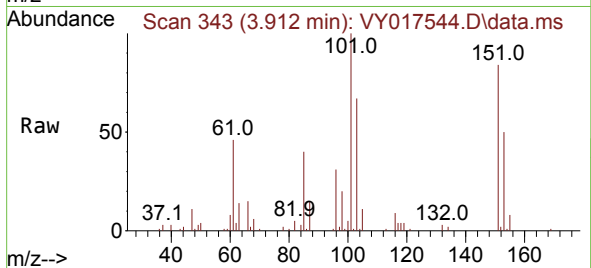




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.889 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.018 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

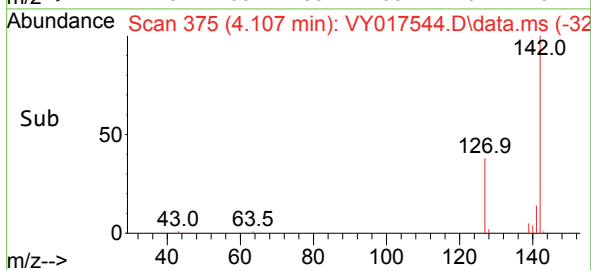
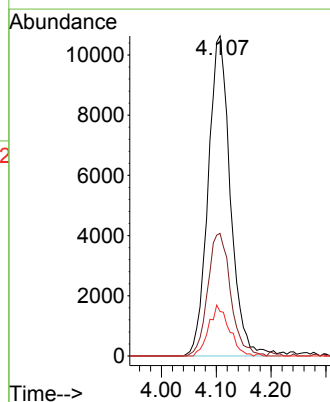
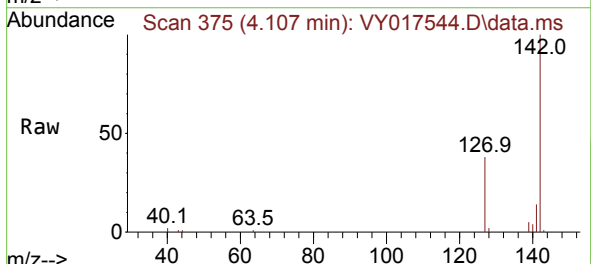
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

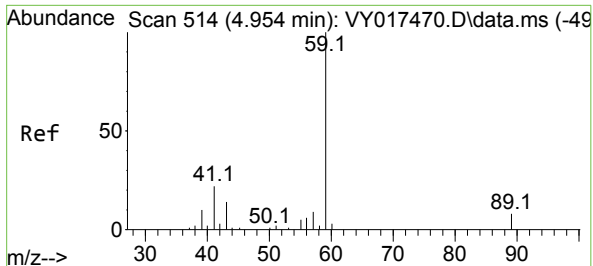
Tgt Ion:101 Resp: 28482
Ion Ratio Lower Upper
101 100
85 44.3 34.5 51.7
151 80.1 61.7 92.5



#10
Methyl Iodide
Concen: 20.498 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.018 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion:142 Resp: 29933
Ion Ratio Lower Upper
142 100
127 39.4 32.8 49.2
141 14.6 11.4 17.2

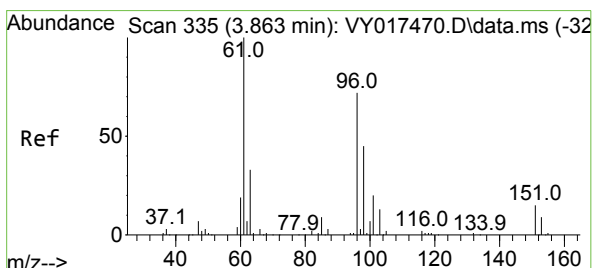
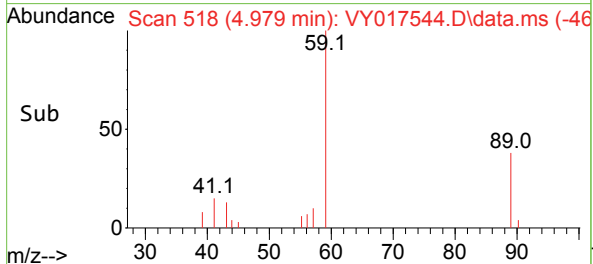
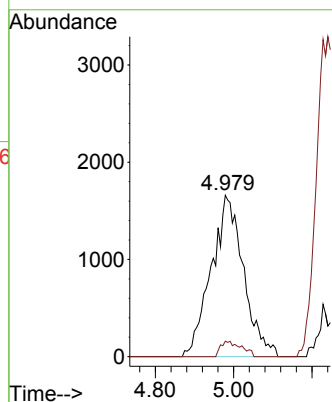
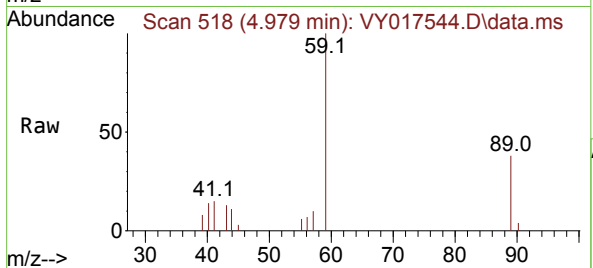




#11
Tert butyl alcohol
Concen: 92.085 ug/l
RT: 4.979 min Scan# 514
Delta R.T. 0.025 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

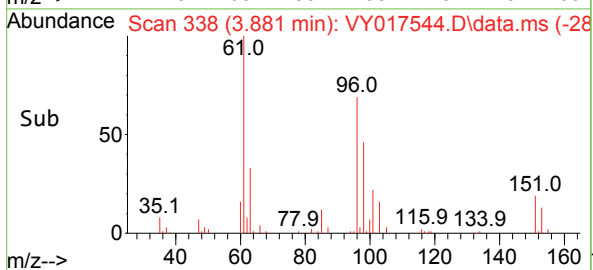
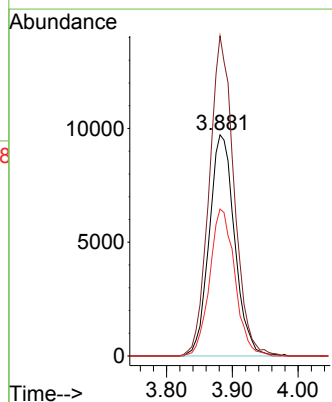
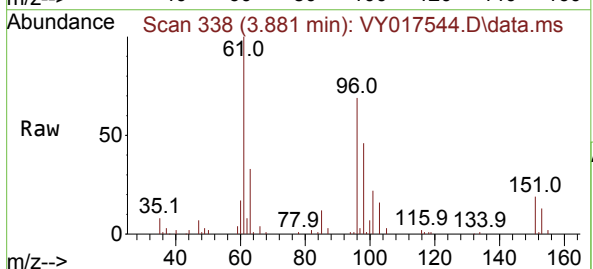
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

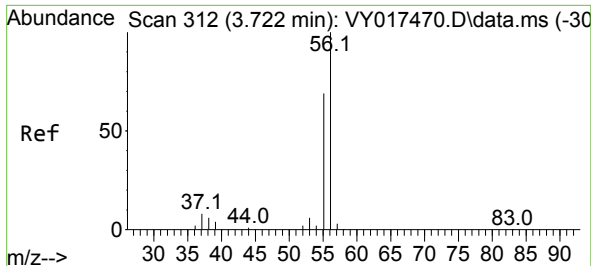
Tgt Ion: 59 Resp: 9516
Ion Ratio Lower Upper
59 100
57 6.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 21.582 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.018 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 96 Resp: 26171
Ion Ratio Lower Upper
96 100
61 144.7 114.6 171.8
98 66.4 50.8 76.2





#13

Acrolein

Concen: 101.795 ug/l

RT: 3.747 min Scan# 312

Delta R.T. 0.025 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

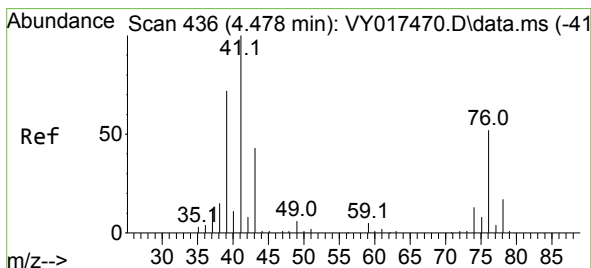
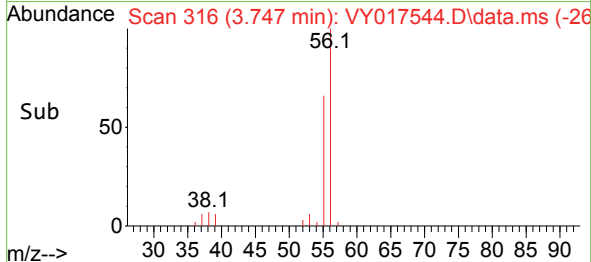
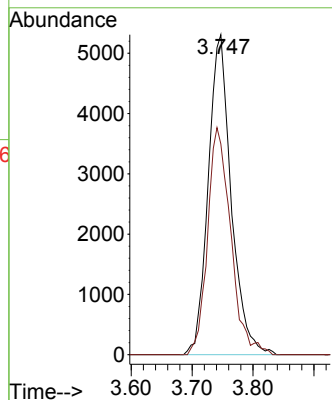
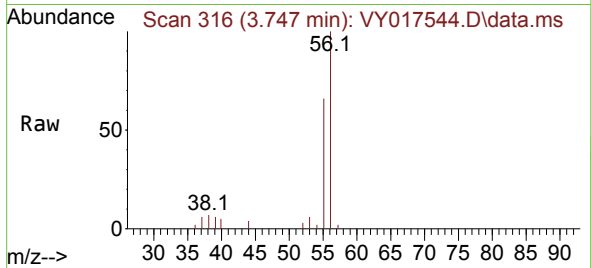
VY0301SBS01

Tgt Ion: 56 Resp: 13880

Ion Ratio Lower Upper

56 100

55 71.8 55.7 83.5



#14

Allyl chloride

Concen: 20.641 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.018 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

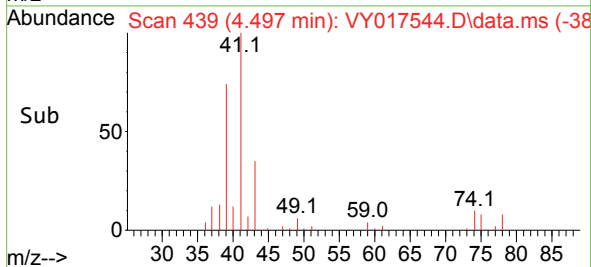
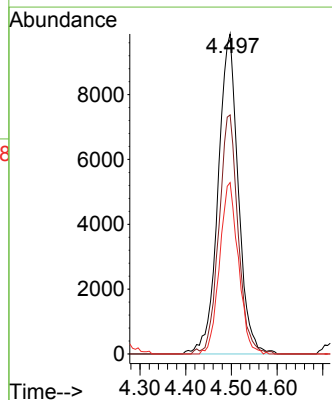
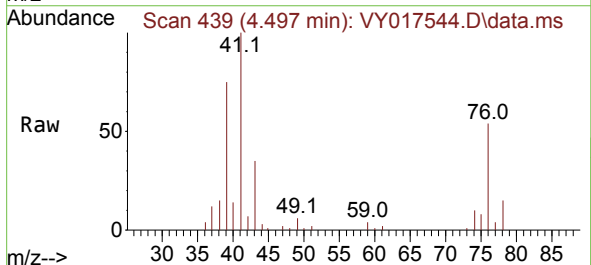
Tgt Ion: 41 Resp: 30243

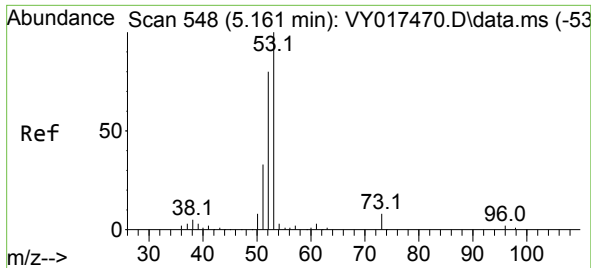
Ion Ratio Lower Upper

41 100

39 71.2 58.3 87.5

76 50.0 39.0 58.6

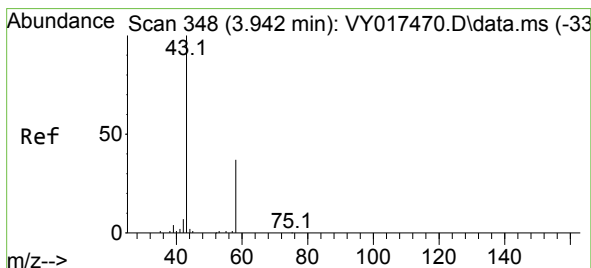
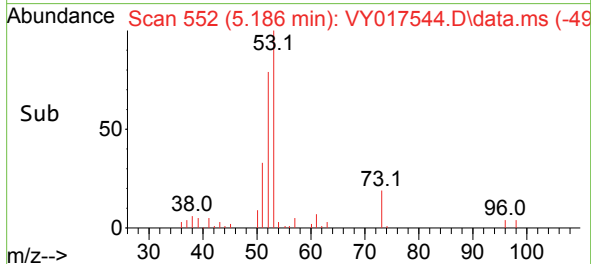
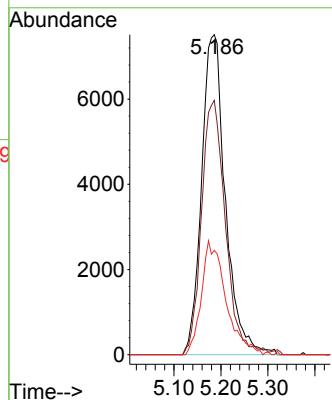
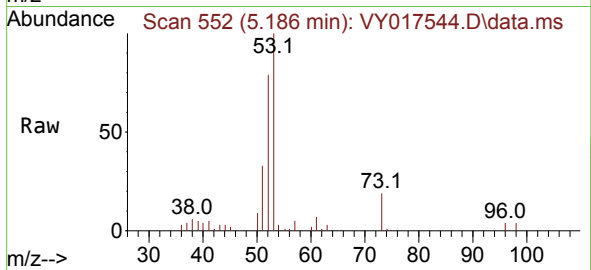




#15
Acrylonitrile
Concen: 97.054 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

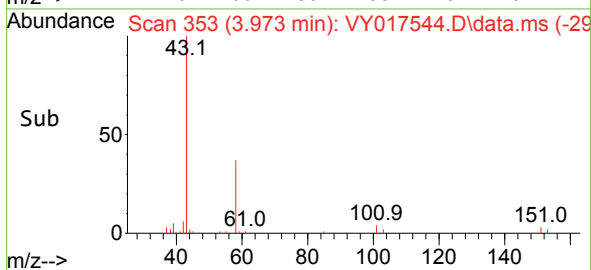
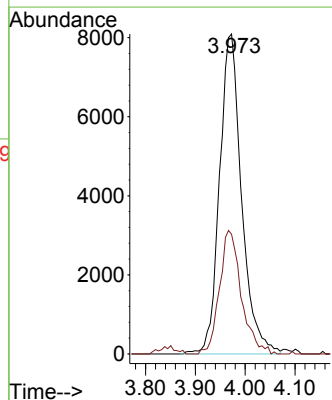
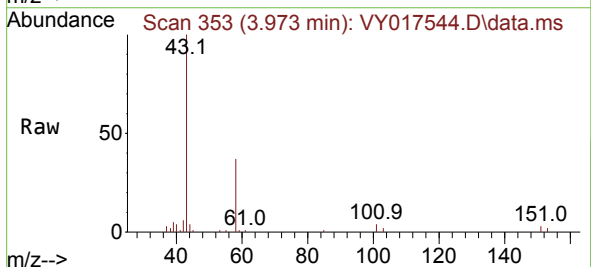
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

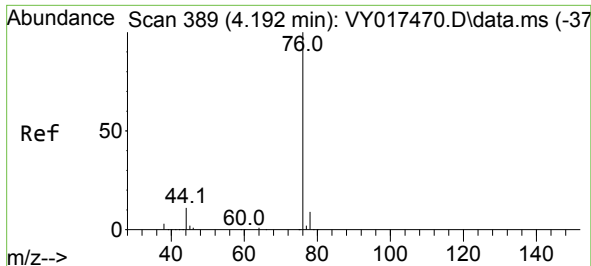
Tgt Ion:	53	Resp:	26471
Ion	Ratio	Lower	Upper
53	100		
52	79.7	64.7	97.1
51	36.4	28.4	42.6



#16
Acetone
Concen: 105.436 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.031 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion:	43	Resp:	24879
Ion	Ratio	Lower	Upper
43	100		
58	37.4	31.7	47.5

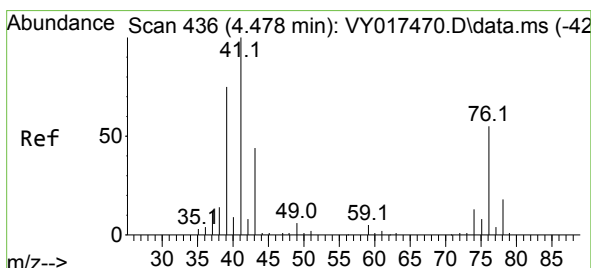
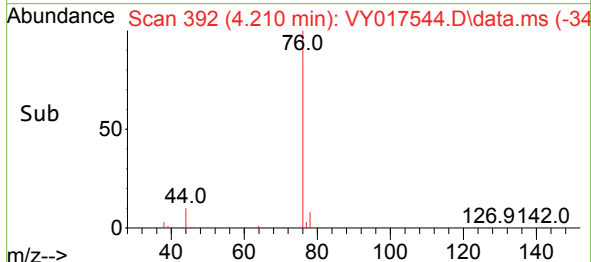
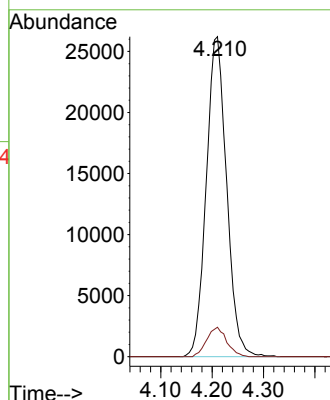
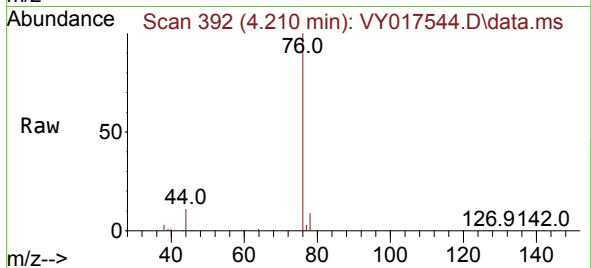




#17
Carbon Disulfide
Concen: 19.793 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

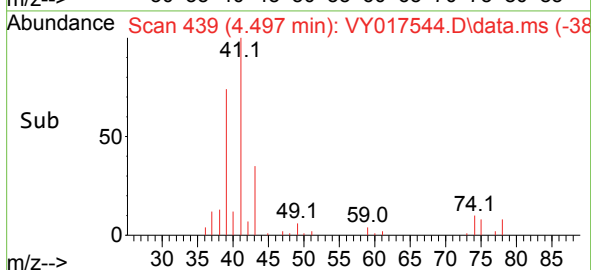
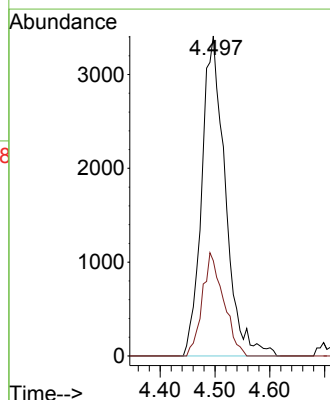
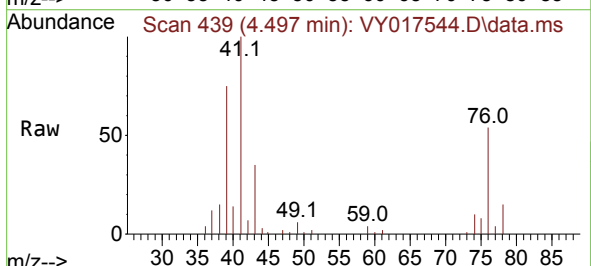
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

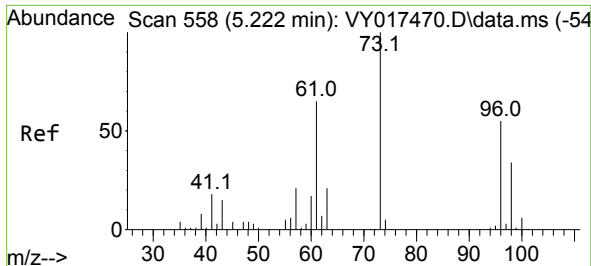
Tgt Ion: 76 Resp: 72042
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 17.778 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 43 Resp: 10177
Ion Ratio Lower Upper
43 100
74 29.2 23.3 34.9

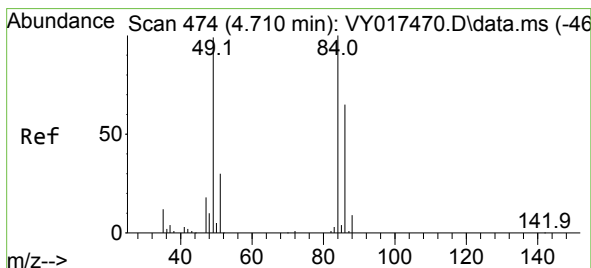
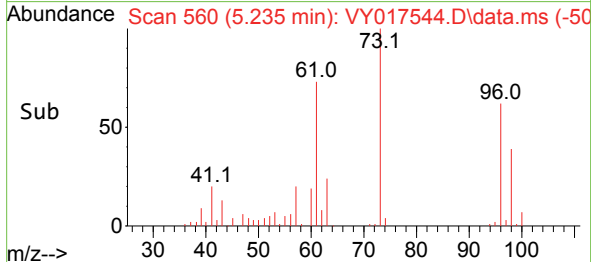
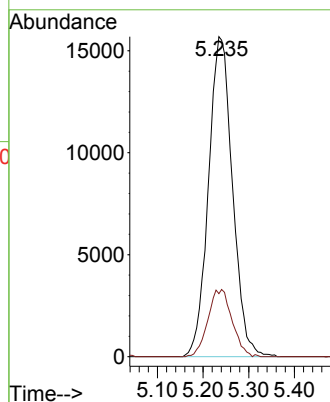
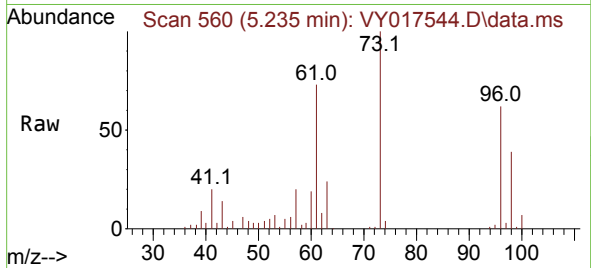




#19
Methyl tert-butyl Ether
Concen: 20.230 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

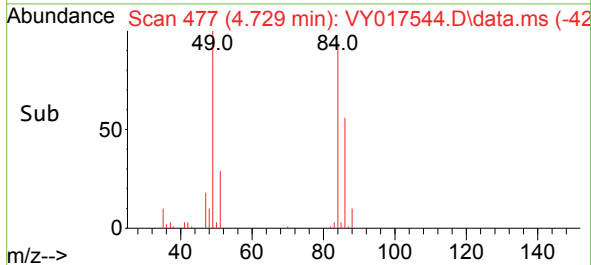
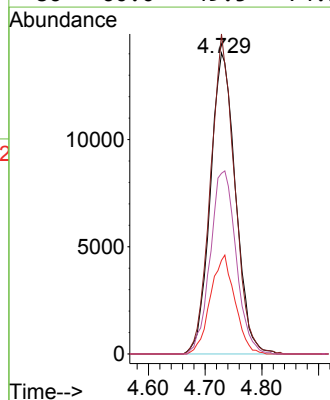
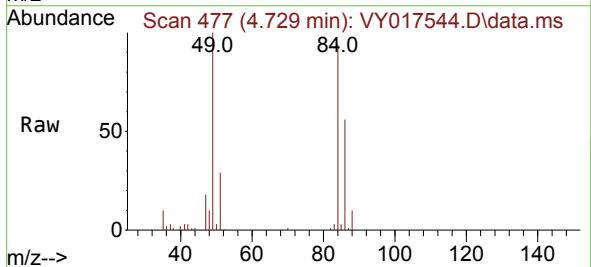
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

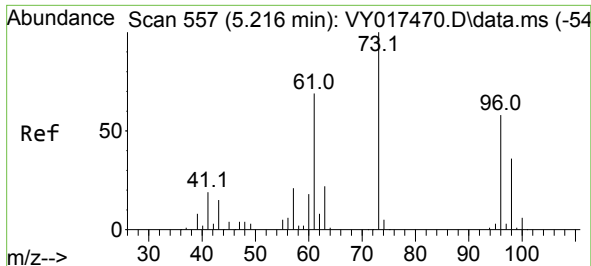
Tgt Ion: 73 Resp: 57179
Ion Ratio Lower Upper
73 100
57 19.7 17.3 25.9



#20
Methylene Chloride
Concen: 28.884 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.019 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 84 Resp: 43250
Ion Ratio Lower Upper
84 100
49 106.3 84.4 126.6
51 31.1 26.0 39.0
86 60.0 49.5 74.3

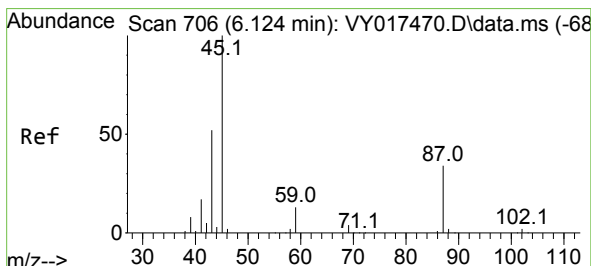
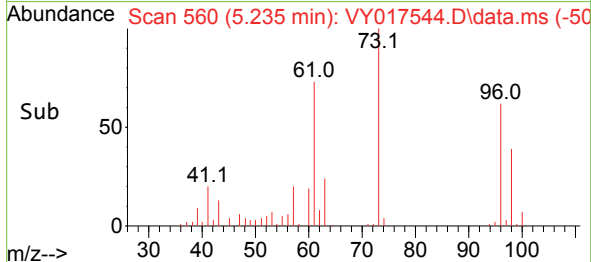
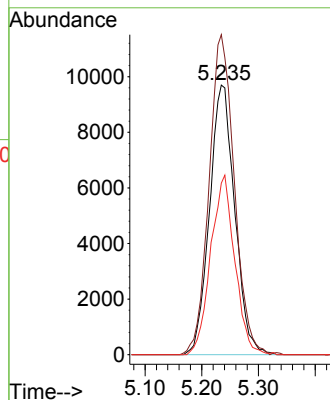
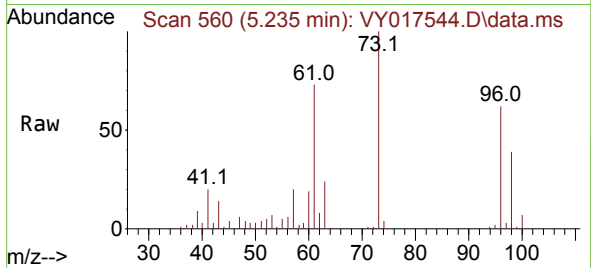




#21
trans-1,2-Dichloroethene
Concen: 21.084 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

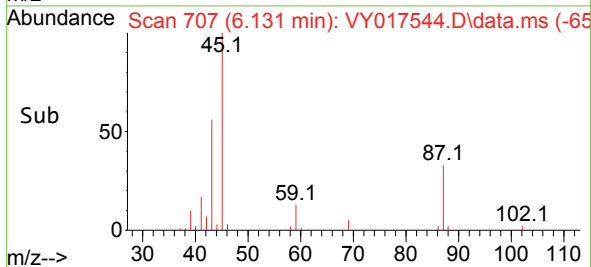
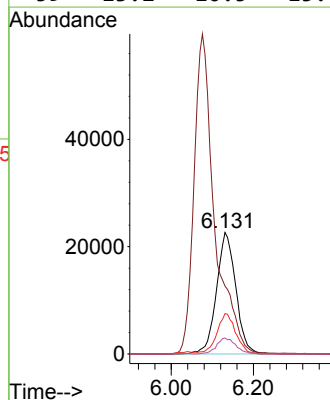
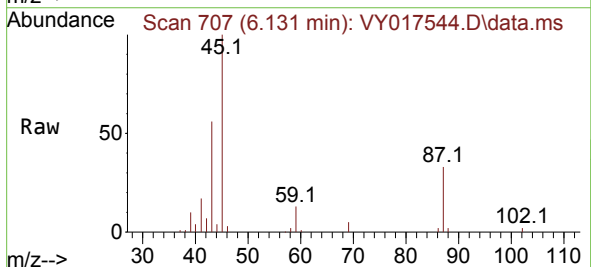
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

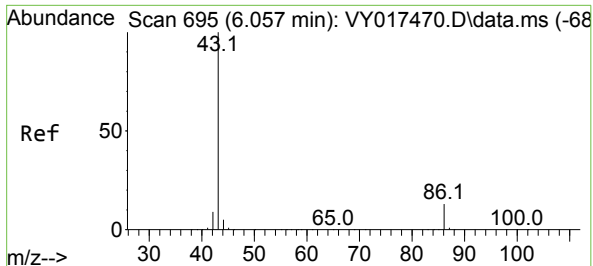
Tgt Ion: 96 Resp: 29935
Ion Ratio Lower Upper
96 100
61 118.7 97.5 146.3
98 63.6 50.5 75.7



#22
Diisopropyl ether
Concen: 21.861 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 45 Resp: 73913
Ion Ratio Lower Upper
45 100
43 55.3 42.2 63.2
87 33.2 25.0 37.6
59 13.2 10.5 15.7

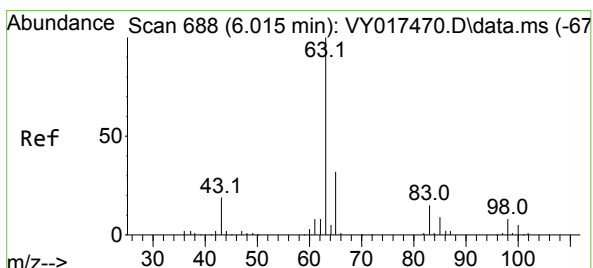
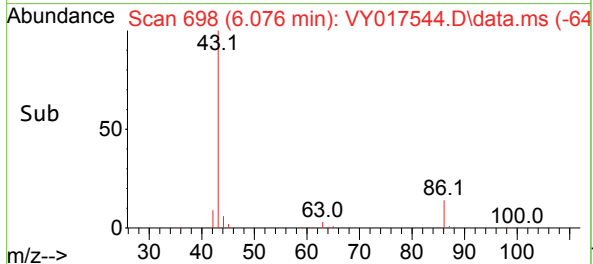
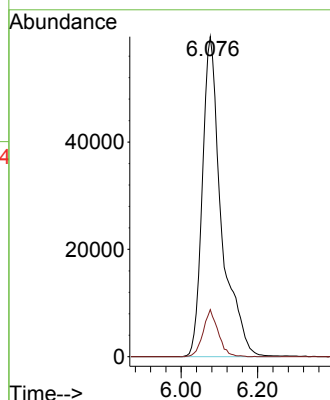
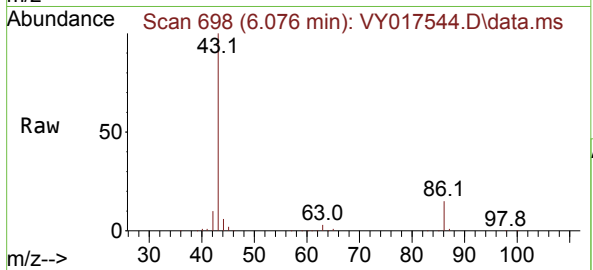




#23
Vinyl Acetate
Concen: 102.509 ug/l
RT: 6.076 min Scan# 691
Delta R.T. 0.018 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

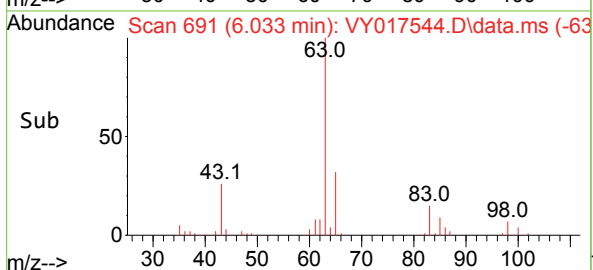
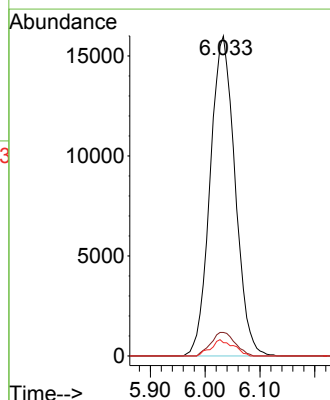
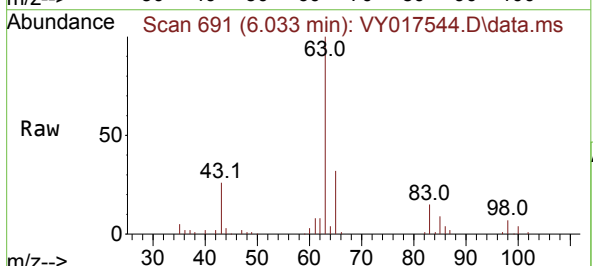
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

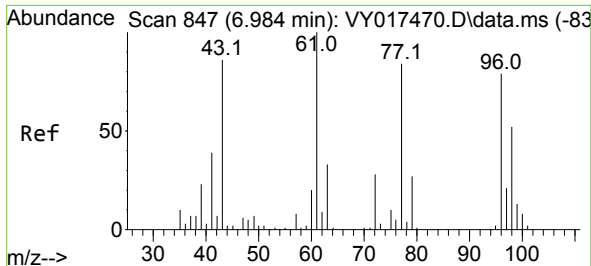
Tgt Ion: 43 Resp: 206531
Ion Ratio Lower Upper
43 100
86 14.7 10.6 16.0



#24
1,1-Dichloroethane
Concen: 21.845 ug/l
RT: 6.033 min Scan# 691
Delta R.T. 0.018 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 63 Resp: 50460
Ion Ratio Lower Upper
63 100
98 7.3 4.0 12.2
100 4.2 2.6 8.0





#25

2-Butanone

Concen: 100.348 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

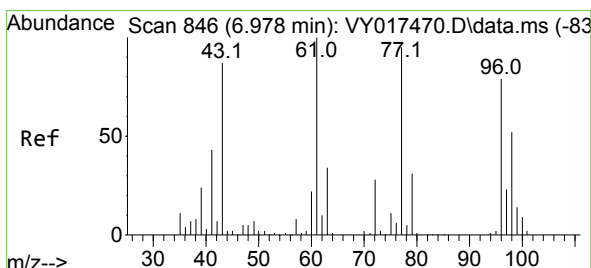
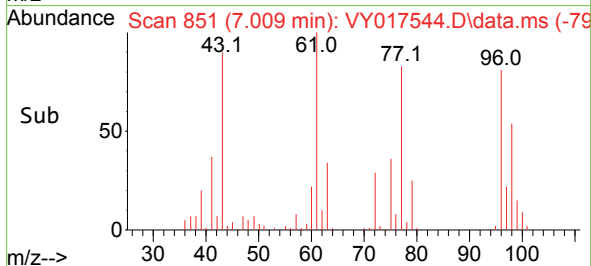
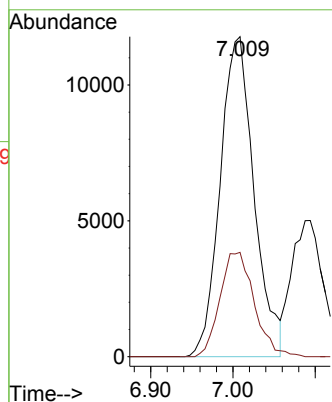
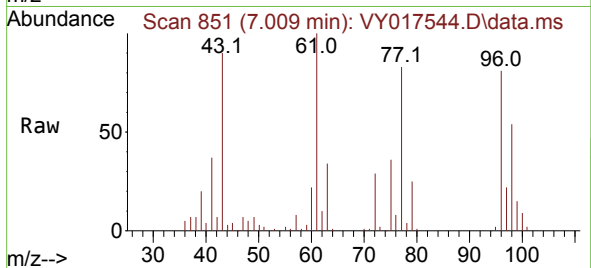
VY0301SBS01

Tgt Ion: 43 Resp: 33745

Ion Ratio Lower Upper

43 100

72 32.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.646 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY017544.D

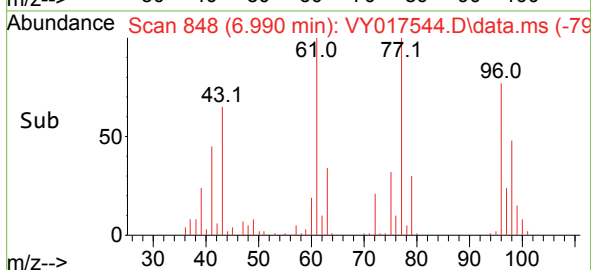
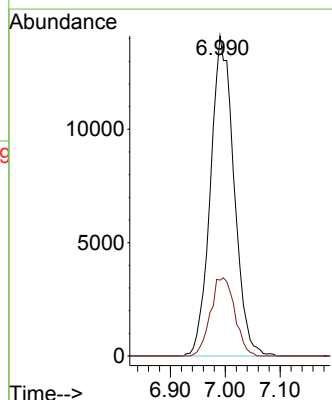
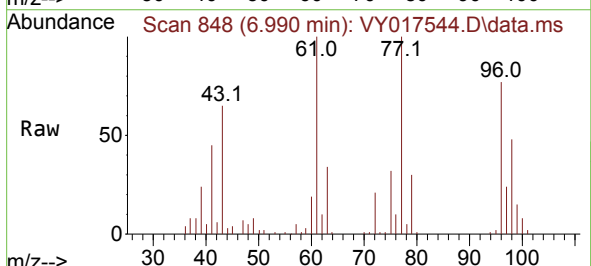
Acq: 01 Mar 2024 11:07

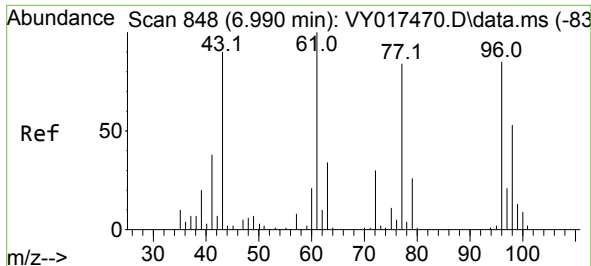
Tgt Ion: 77 Resp: 42039

Ion Ratio Lower Upper

77 100

97 25.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.184 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS01

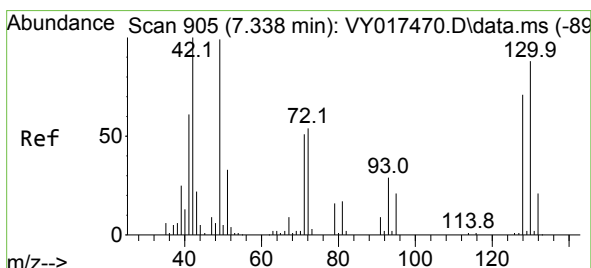
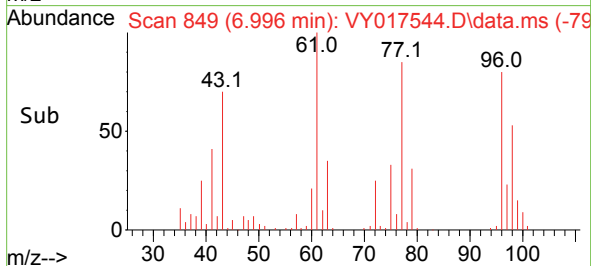
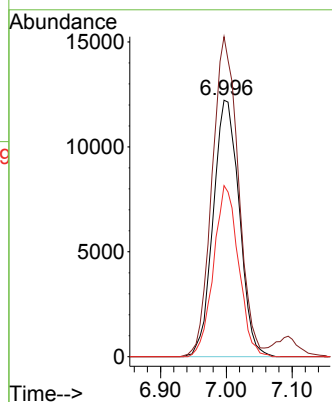
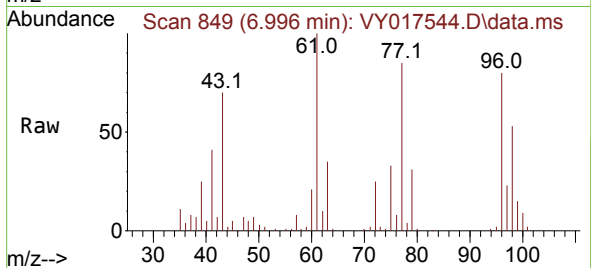
Tgt Ion: 96 Resp: 33770

Ion Ratio Lower Upper

96 100

61 125.6 0.0 256.2

98 63.8 0.0 130.0



#28

Bromochloromethane

Concen: 20.002 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

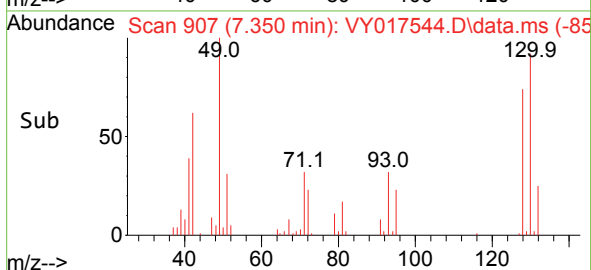
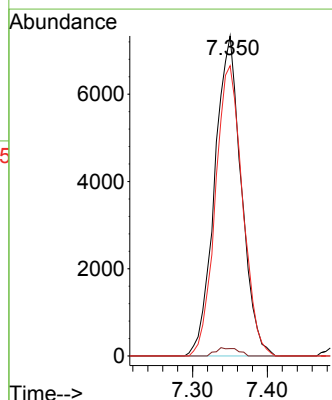
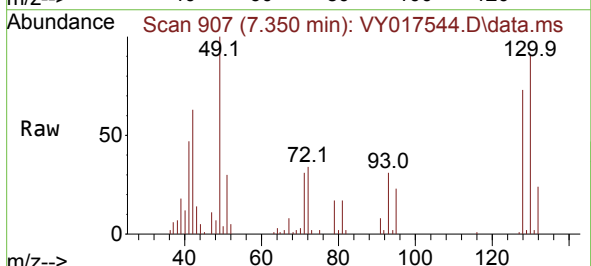
Tgt Ion: 49 Resp: 18196

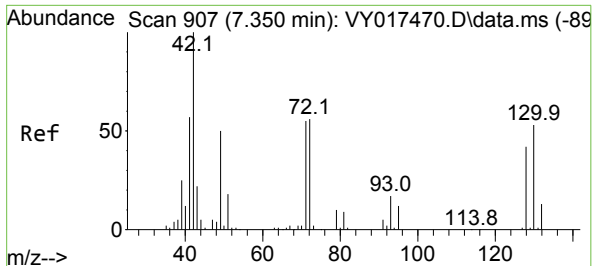
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 92.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 93.132 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS01

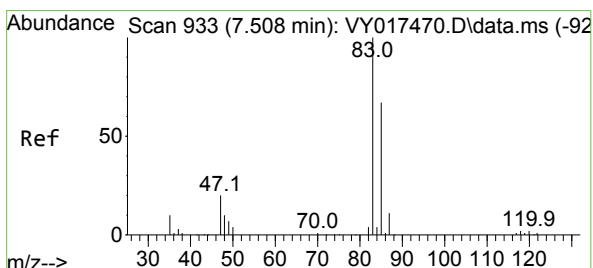
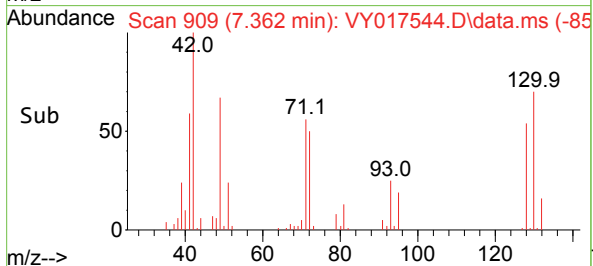
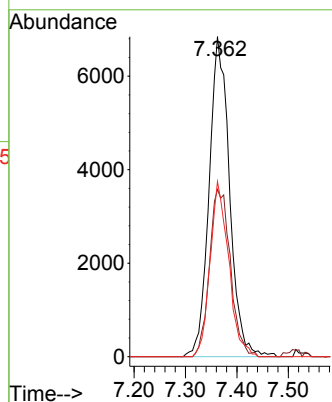
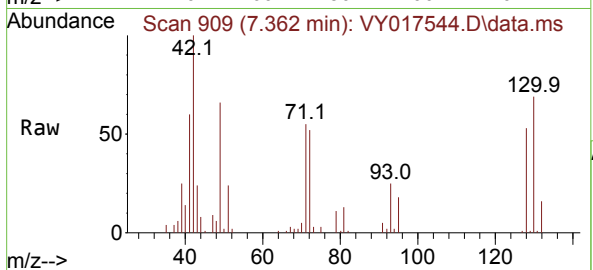
Tgt Ion: 42 Resp: 18879

Ion Ratio Lower Upper

42 100

72 53.5 43.0 64.4

71 49.8 40.8 61.2



#30

Chloroform

Concen: 21.814 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.012 min

Lab File: VY017544.D

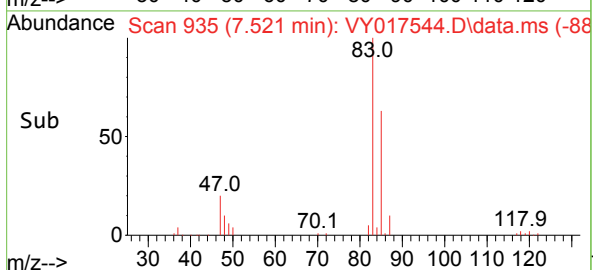
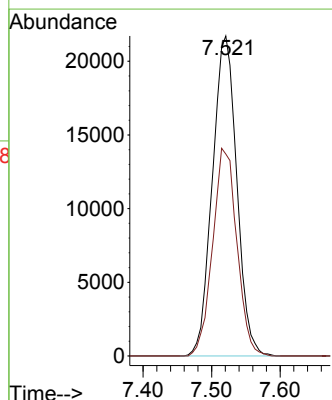
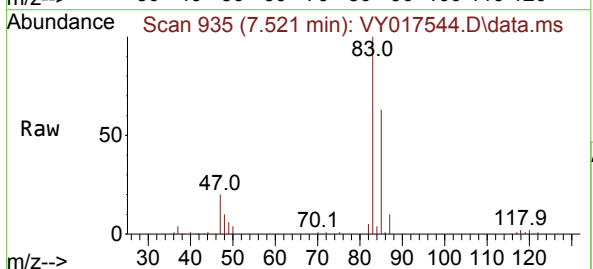
Acq: 01 Mar 2024 11:07

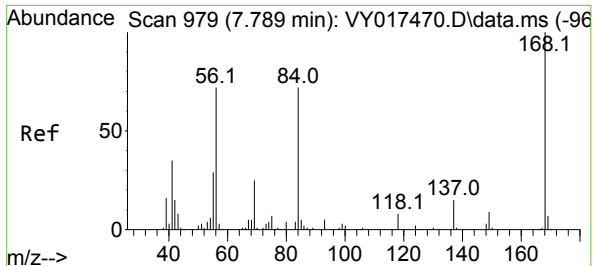
Tgt Ion: 83 Resp: 53648

Ion Ratio Lower Upper

83 100

85 63.1 52.2 78.4

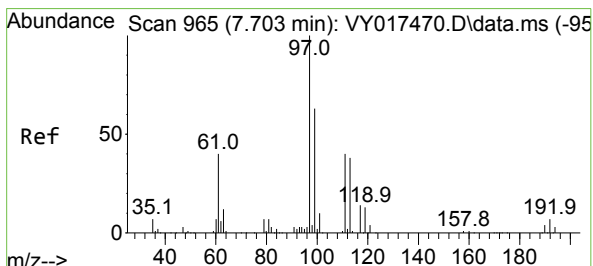
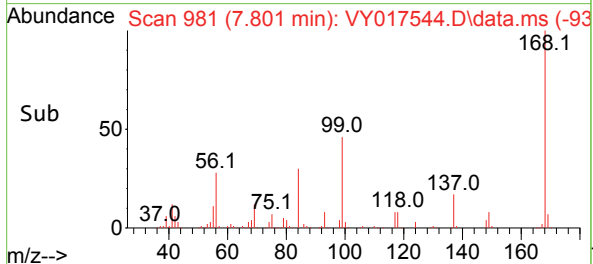
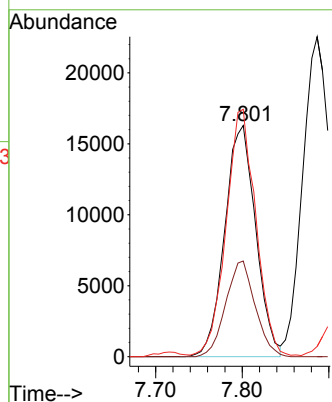
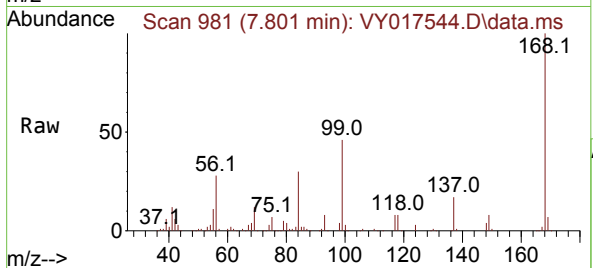




#31
Cyclohexane
Concen: 20.505 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

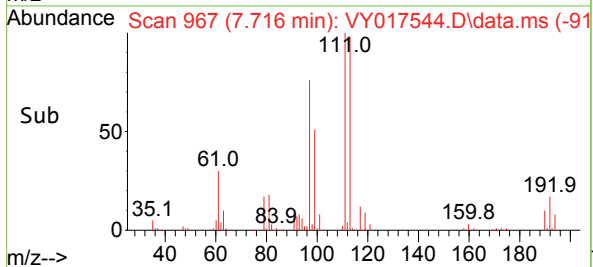
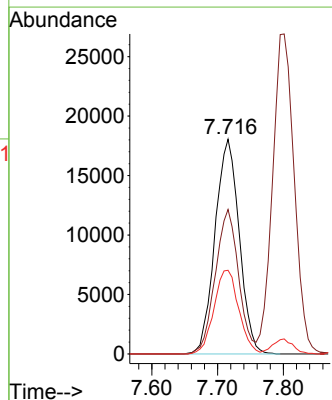
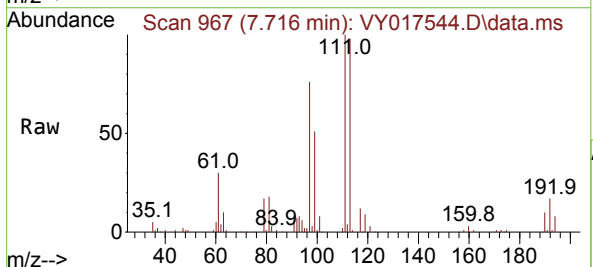
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

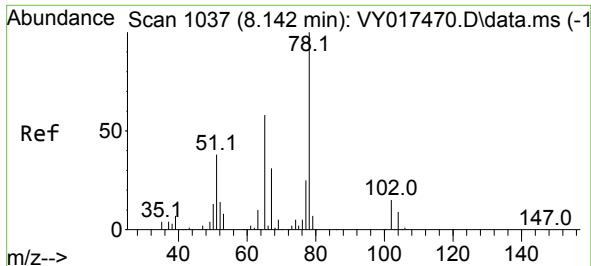
Tgt Ion: 56 Resp: 40597
Ion Ratio Lower Upper
56 100
69 41.4 28.7 43.1
84 105.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.686 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 97 Resp: 46303
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 39.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 54.721 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.012 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

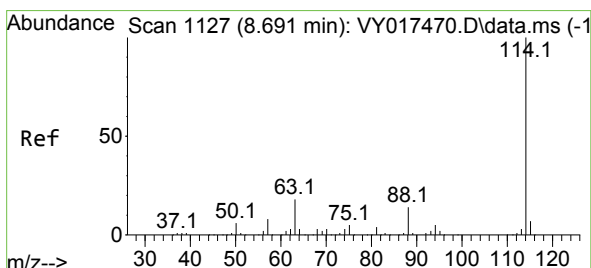
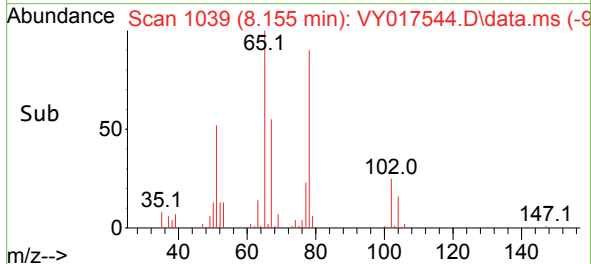
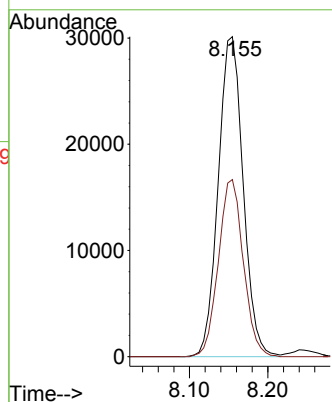
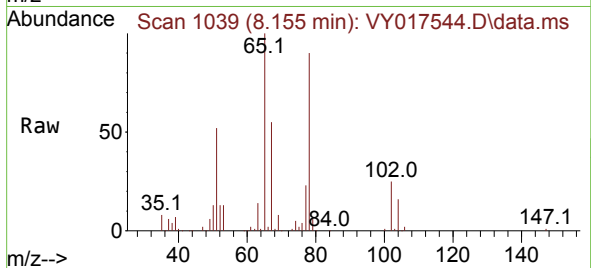
VY0301SBS01

Tgt Ion: 65 Resp: 66571

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

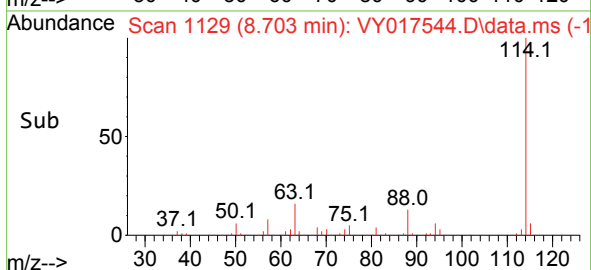
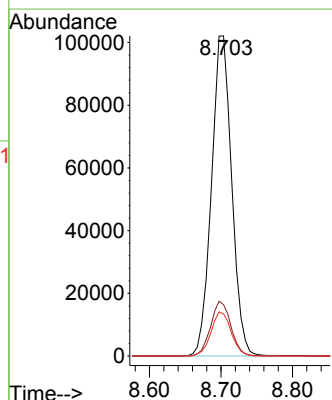
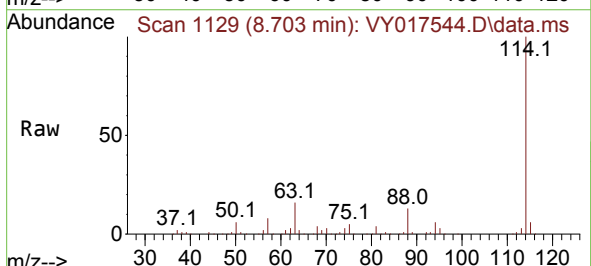
Tgt Ion: 114 Resp: 200881

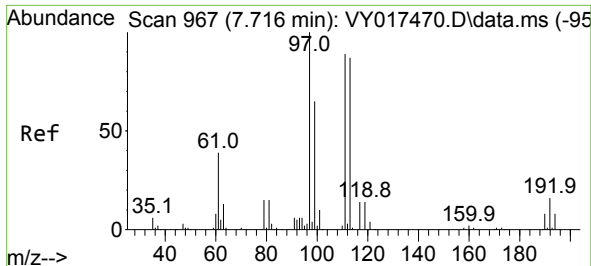
Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

88 13.1 0.0 27.2

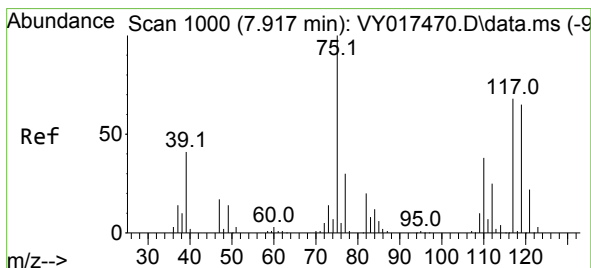
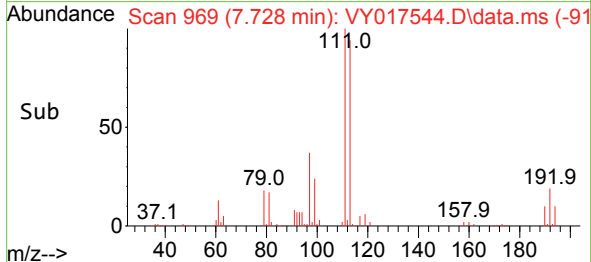
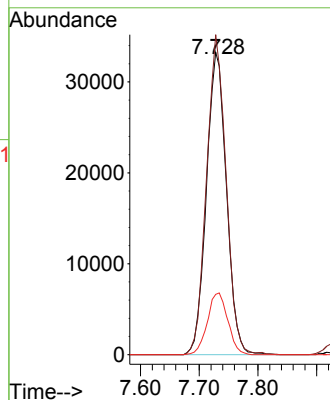
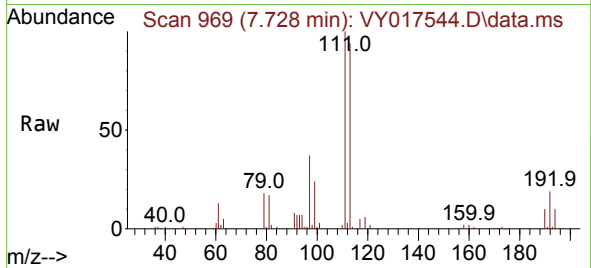




#35
Dibromofluoromethane
Concen: 56.210 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

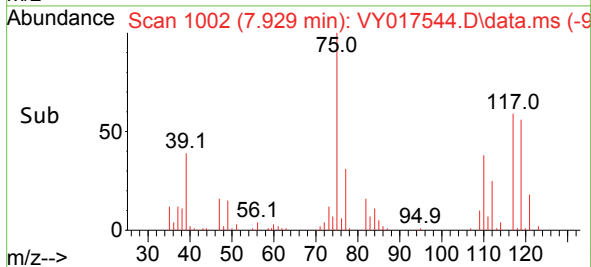
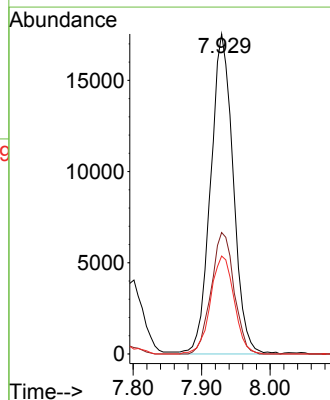
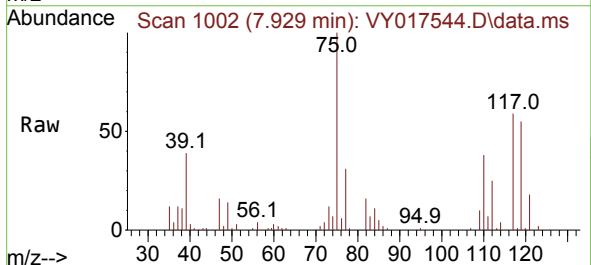
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

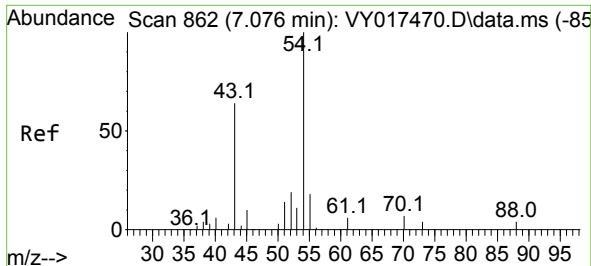
Tgt Ion:113 Resp: 78683
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 20.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 21.253 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 75 Resp: 40139
Ion Ratio Lower Upper
75 100
110 38.4 19.0 57.0
77 32.1 25.3 37.9

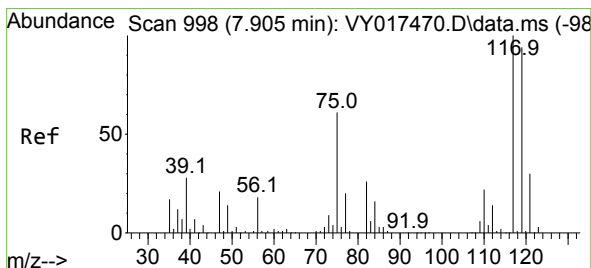
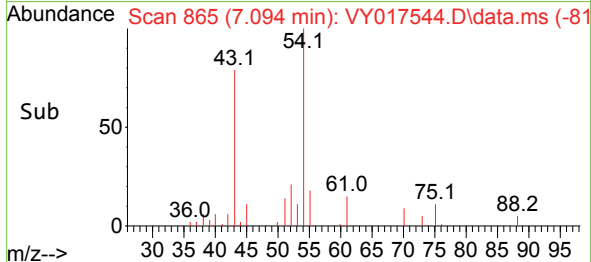
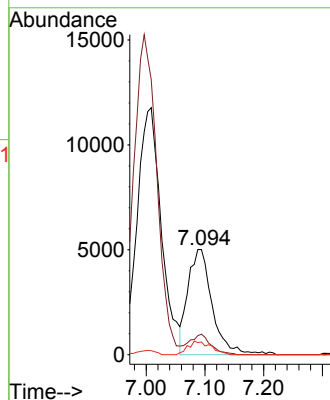
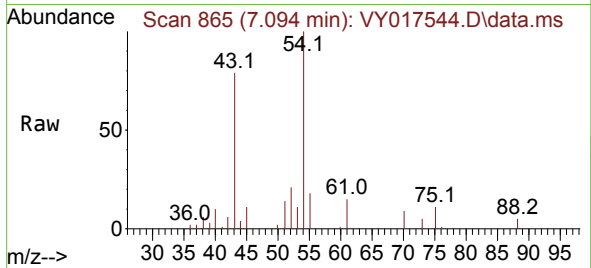




#37
Ethyl Acetate
Concen: 19.306 ug/l
RT: 7.094 min Scan# 865
Delta R.T. 0.018 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

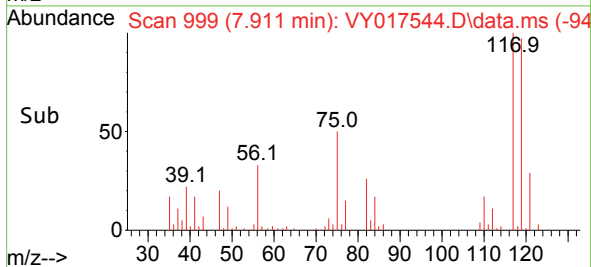
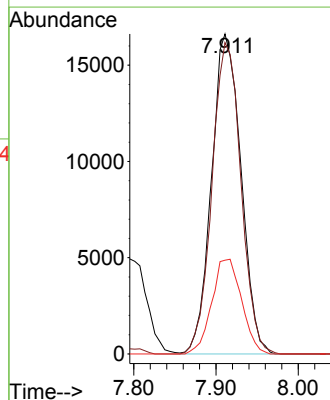
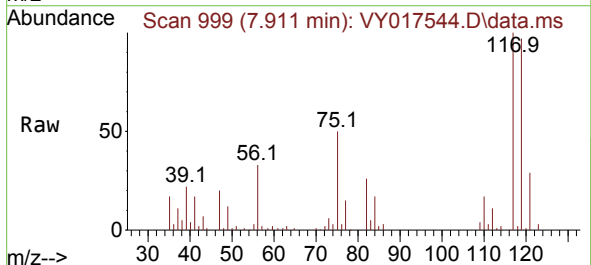
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

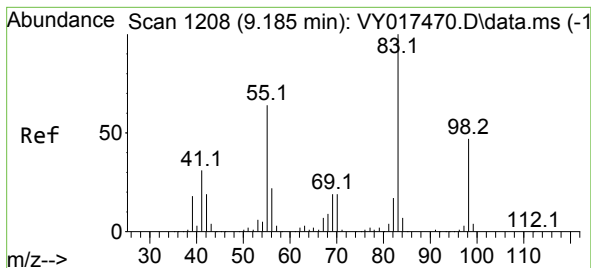
Tgt Ion: 43 Resp: 14401
Ion Ratio Lower Upper
43 100
61 17.6 12.6 19.0
70 11.9 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 21.873 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 117 Resp: 41402
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.6
121 29.3 24.0 36.0





#39

Methylcyclohexane

Concen: 20.394 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS01

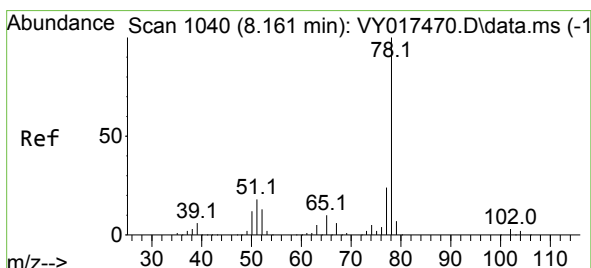
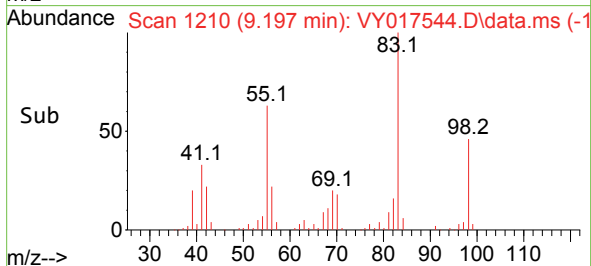
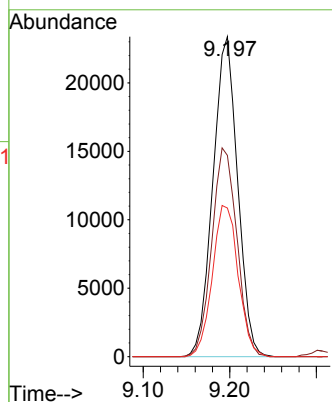
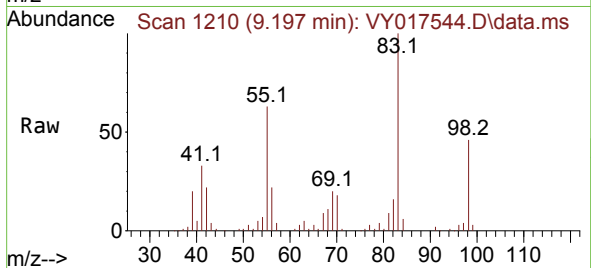
Tgt Ion: 83 Resp: 46288

Ion Ratio Lower Upper

83 100

55 62.9 51.5 77.3

98 46.4 40.5 60.7



#40

Benzene

Concen: 21.468 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VY017544.D

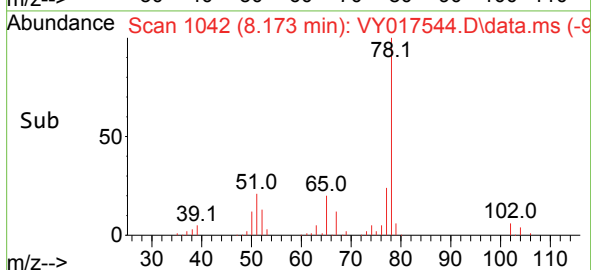
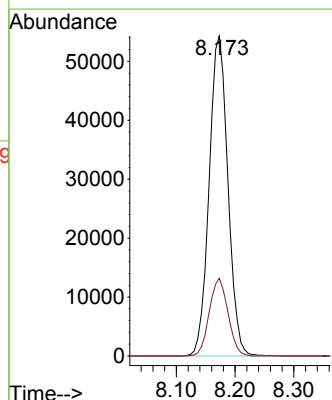
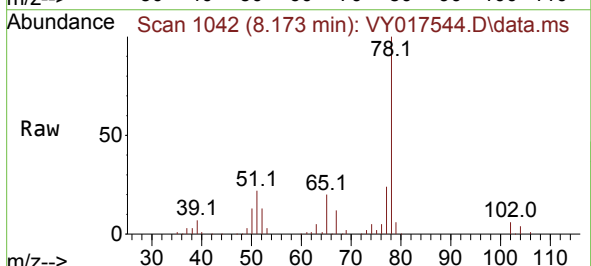
Acq: 01 Mar 2024 11:07

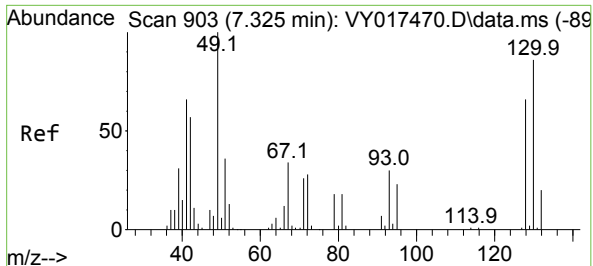
Tgt Ion: 78 Resp: 120411

Ion Ratio Lower Upper

78 100

77 24.3 19.5 29.3

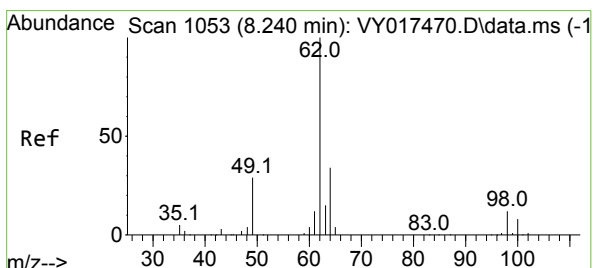
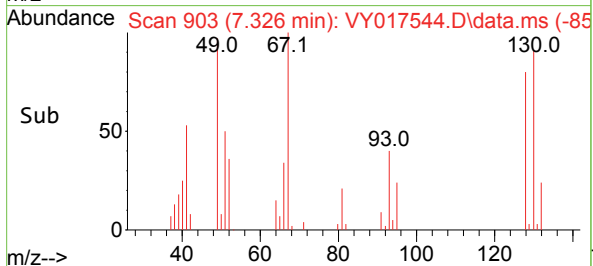
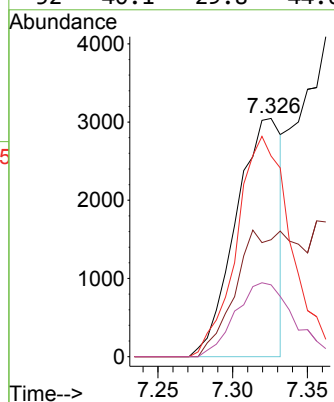
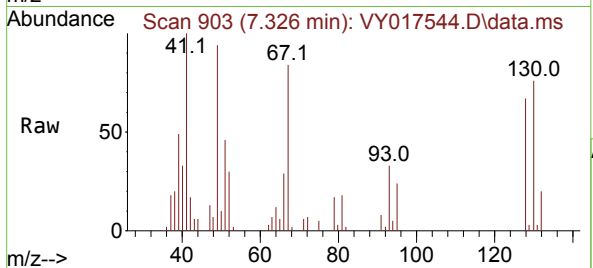




#41
Methacrylonitrile
Concen: 17.148 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

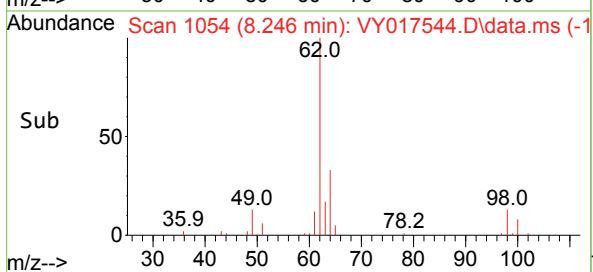
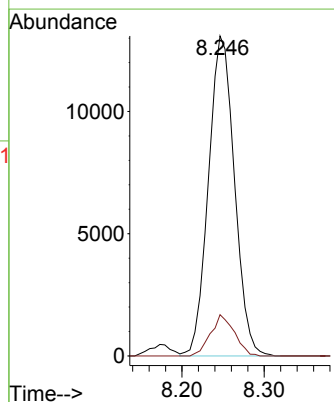
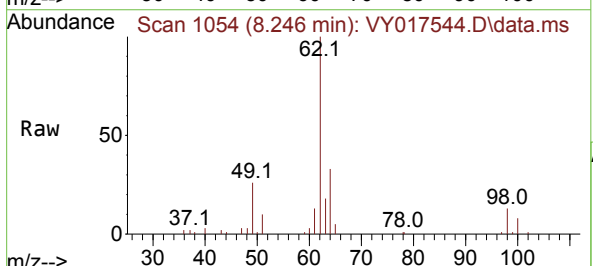
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

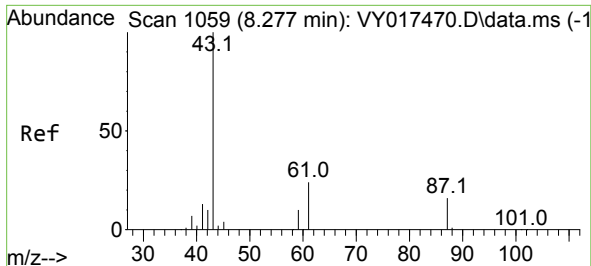
Tgt Ion: 41 Resp: 6419
Ion Ratio Lower Upper
41 100
39 77.0 48.0 72.0#
67 112.7 75.1 112.7#
52 40.1 29.8 44.6



#42
1,2-Dichloroethane
Concen: 21.038 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 62 Resp: 28790
Ion Ratio Lower Upper
62 100
98 11.8 0.0 22.0

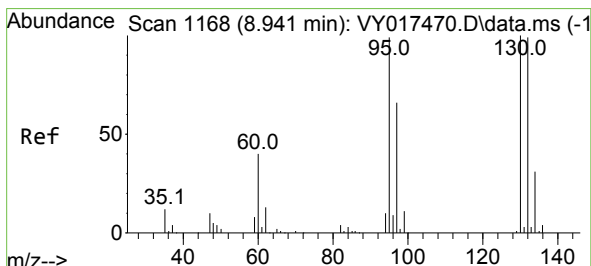
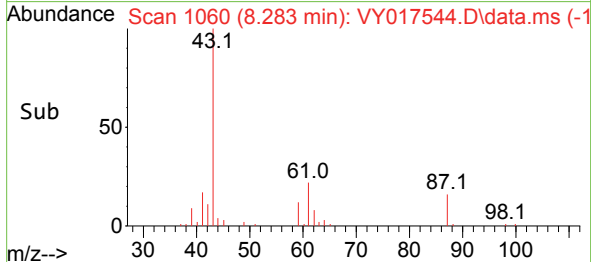
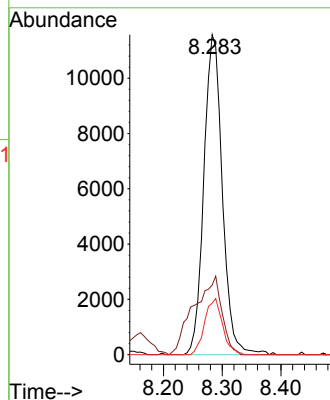
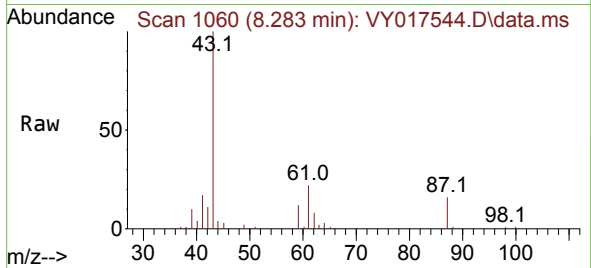




#43
Isopropyl Acetate
Concen: 19.336 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

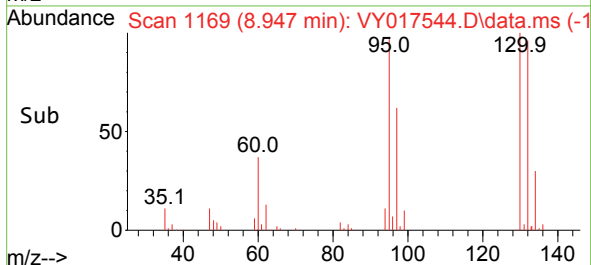
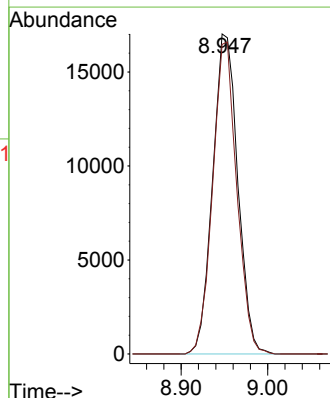
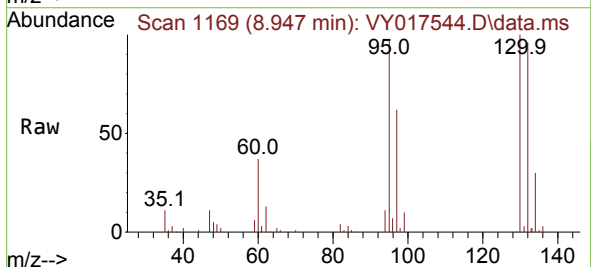
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

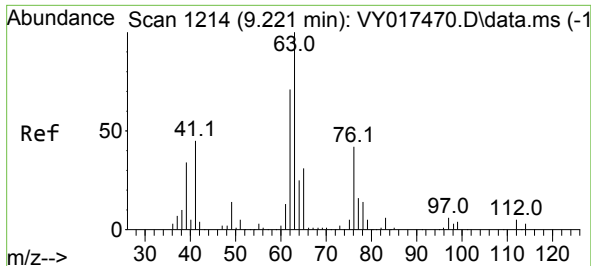
Tgt Ion: 43 Resp: 25346
Ion Ratio Lower Upper
43 100
61 37.1 27.9 41.9
87 17.0 13.1 19.7



#44
Trichloroethene
Concen: 21.210 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion:130 Resp: 34288
Ion Ratio Lower Upper
130 100
95 96.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.368 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

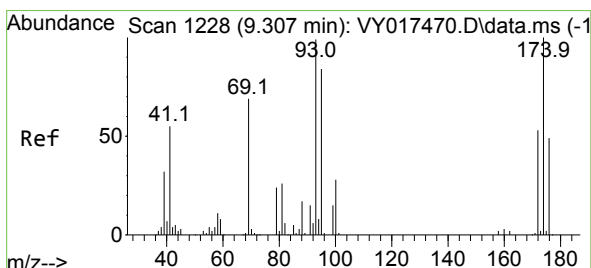
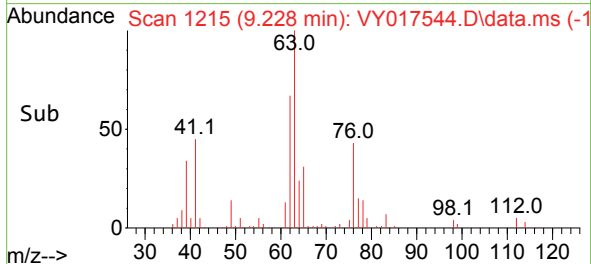
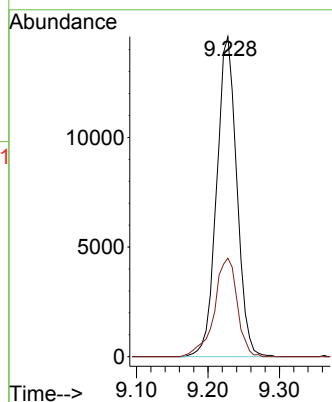
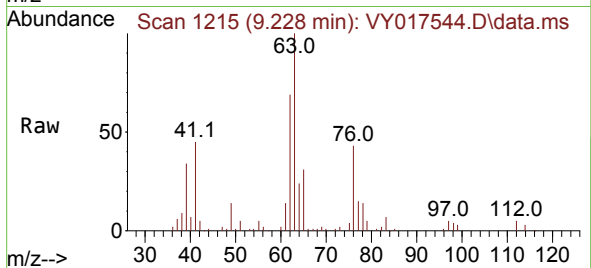
VY0301SBS01

Tgt Ion: 63 Resp: 28514

Ion Ratio Lower Upper

63 100

65 30.8 25.4 38.2



#46

Dibromomethane

Concen: 20.831 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

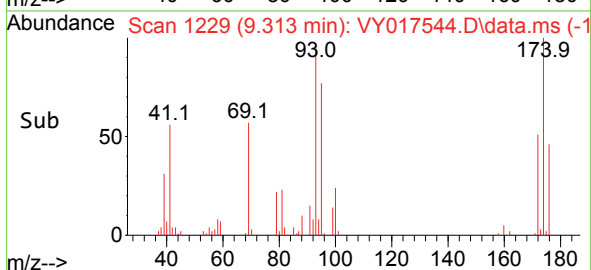
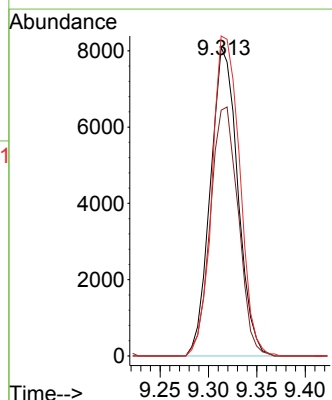
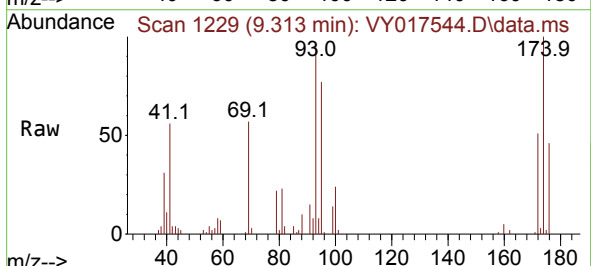
Tgt Ion: 93 Resp: 15908

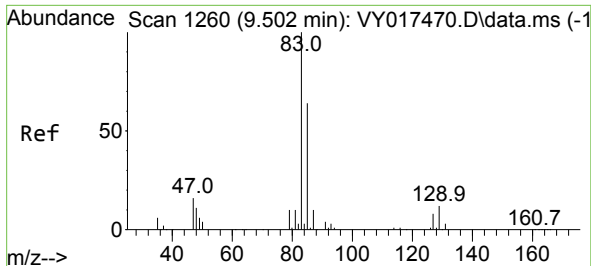
Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.4

174 104.8 80.9 121.3

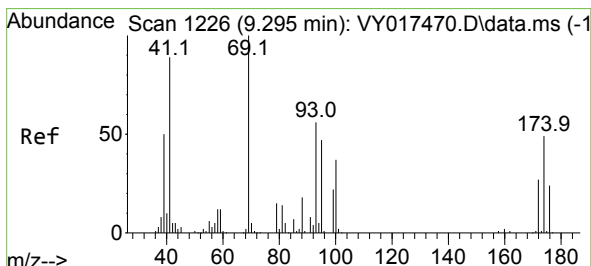
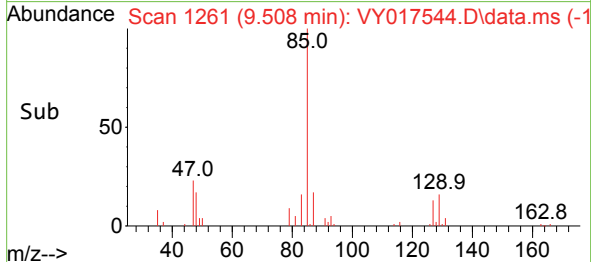
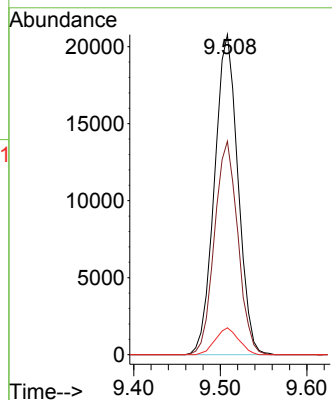
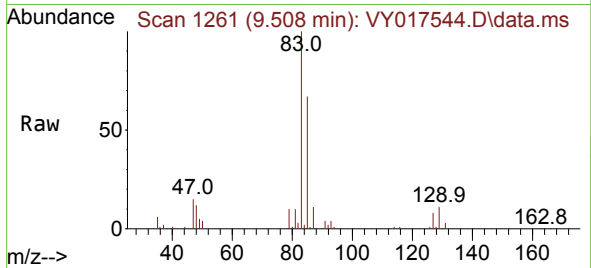




#47
Bromodichloromethane
Concen: 21.092 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

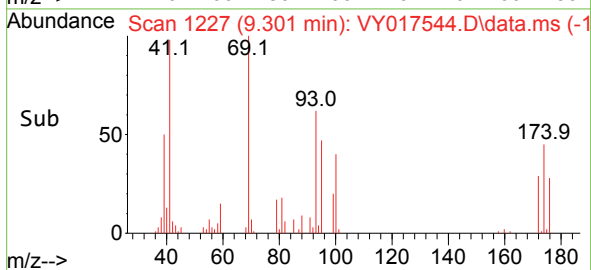
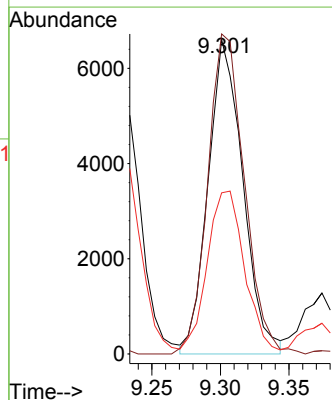
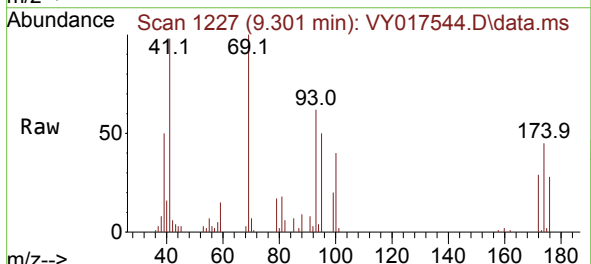
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

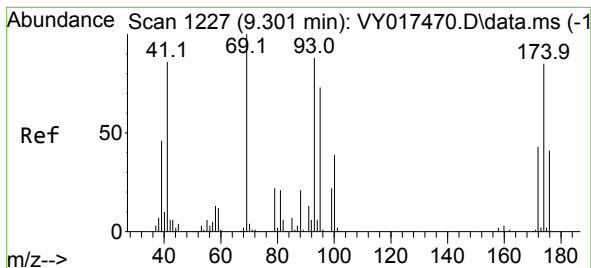
Tgt Ion: 83 Resp: 39111
Ion Ratio Lower Upper
83 100
85 66.7 50.1 75.1
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 19.204 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 41 Resp: 11652
Ion Ratio Lower Upper
41 100
69 107.0 84.1 126.1
39 53.5 43.6 65.4





#49

1,4-Dioxane

Concen: 327.443 ug/l

RT: 9.319 min Scan# 1227

Delta R.T. 0.018 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS01

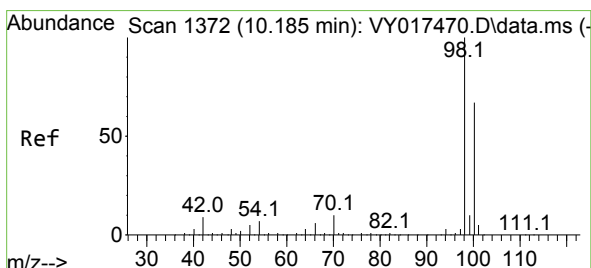
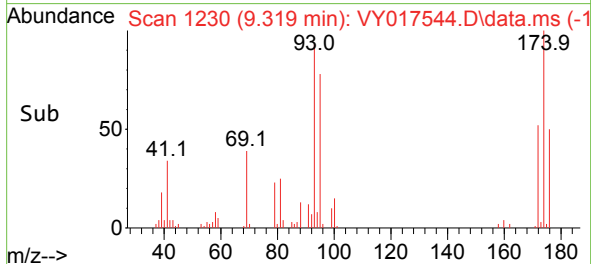
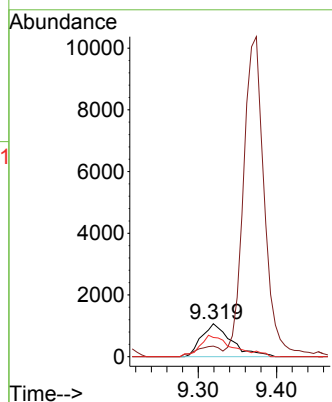
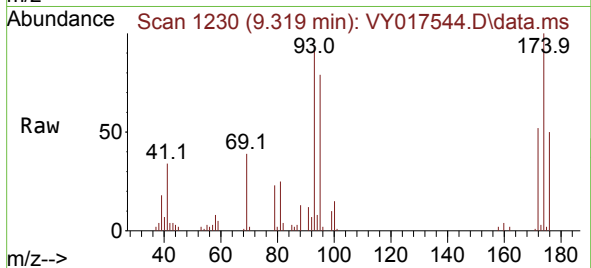
Tgt Ion: 88 Resp: 2830

Ion Ratio Lower Upper

88 100

43 26.3 0.0 0.0#

58 70.5 49.3 73.9



#50

Toluene-d8

Concen: 60.939 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017544.D

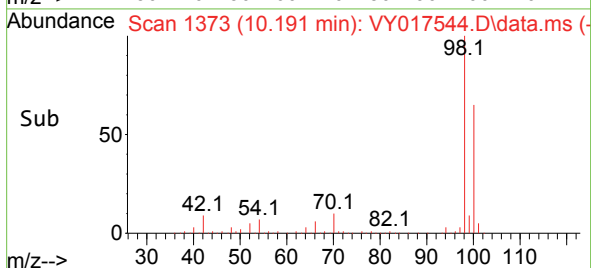
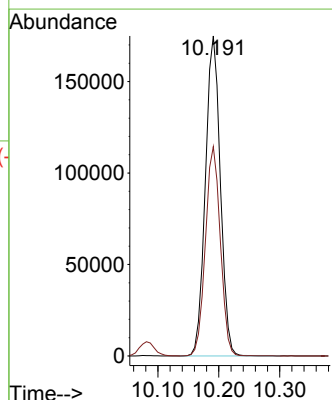
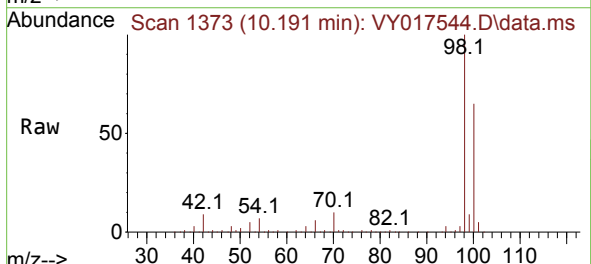
Acq: 01 Mar 2024 11:07

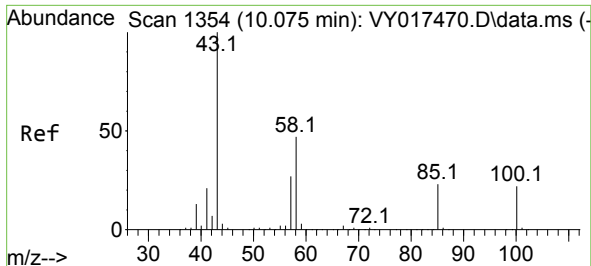
Tgt Ion: 98 Resp: 298248

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0

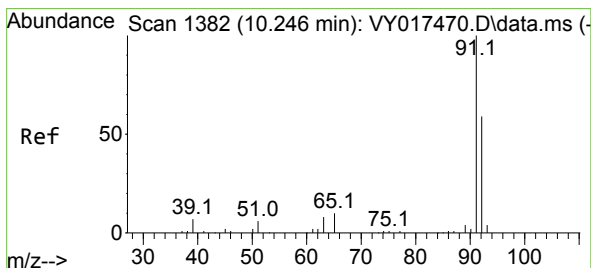
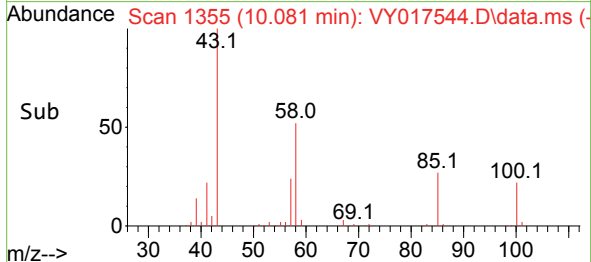
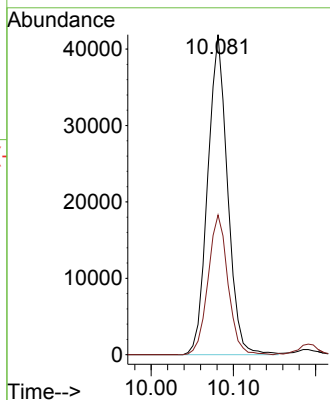
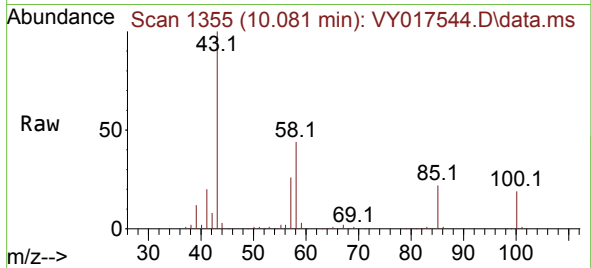




#51
4-Methyl-2-Pentanone
Concen: 95.826 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

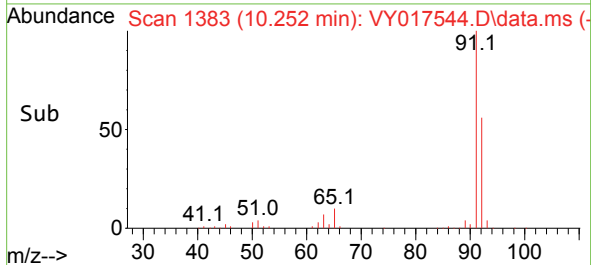
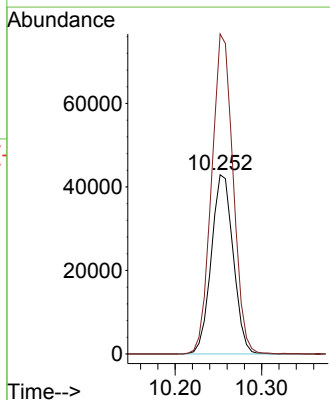
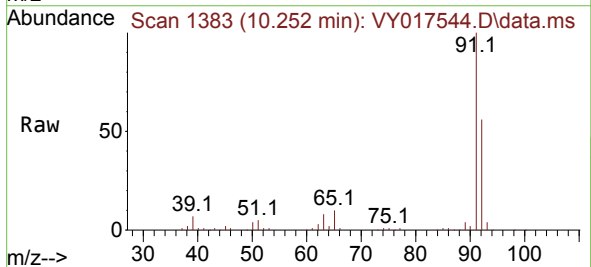
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

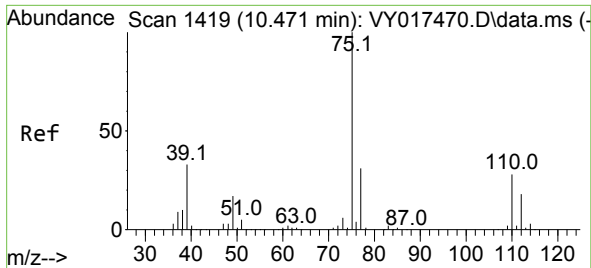
Tgt Ion: 43 Resp: 70006
Ion Ratio Lower Upper
43 100
58 43.9 35.7 53.5



#52
Toluene
Concen: 21.350 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 92 Resp: 75490
Ion Ratio Lower Upper
92 100
91 175.2 139.0 208.6

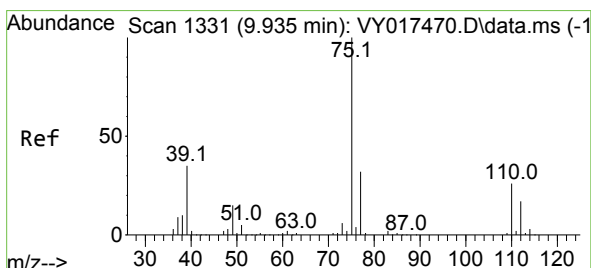
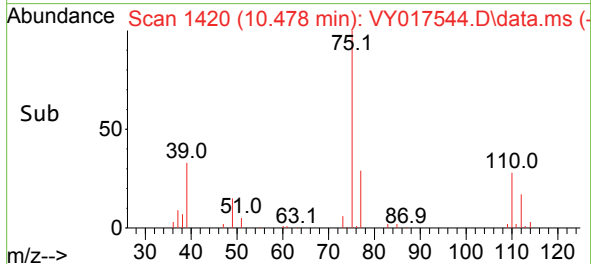
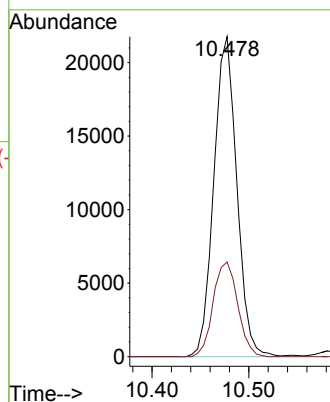
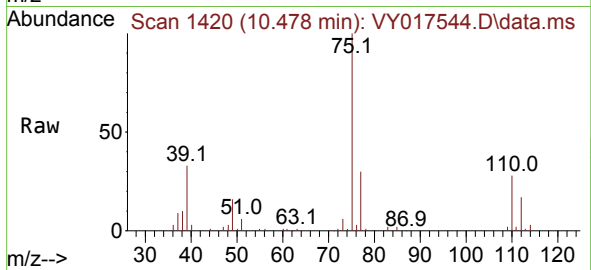




#53
 t-1,3-Dichloropropene
 Concen: 20.819 ug/l
 RT: 10.478 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017544.D
 Acq: 01 Mar 2024 11:07

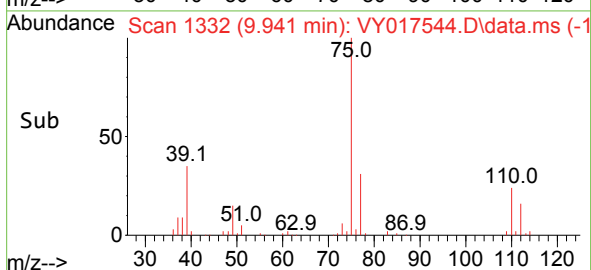
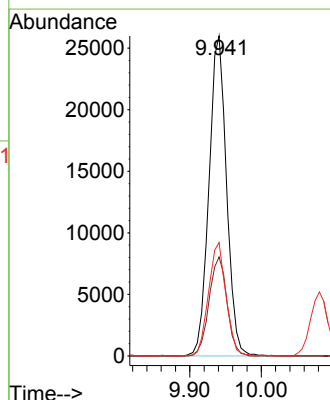
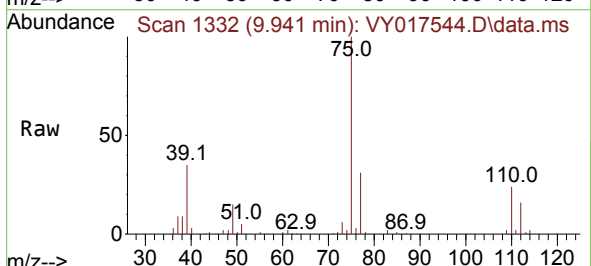
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0301SBS01

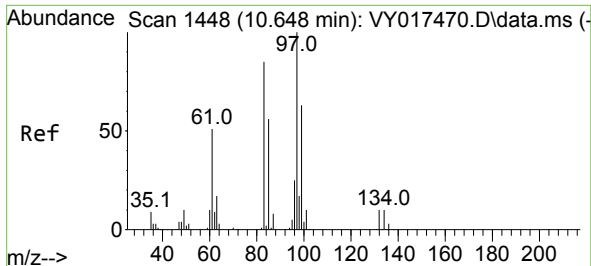
Tgt Ion: 75 Resp: 35831
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.180 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017544.D
 Acq: 01 Mar 2024 11:07

Tgt Ion: 75 Resp: 44293
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0
 39 35.5 29.8 44.6

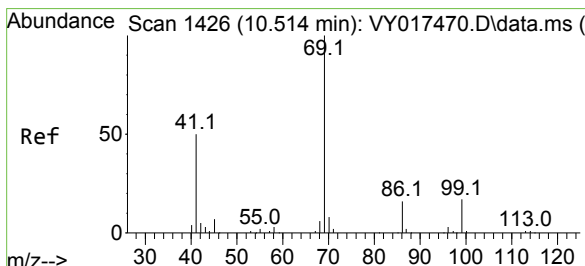
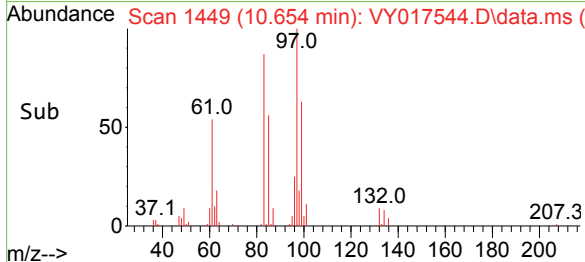
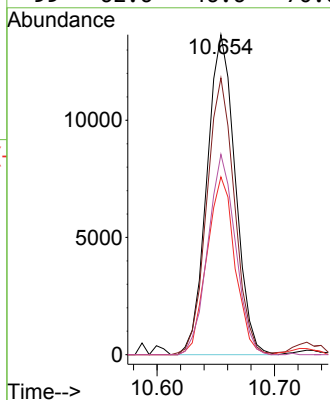
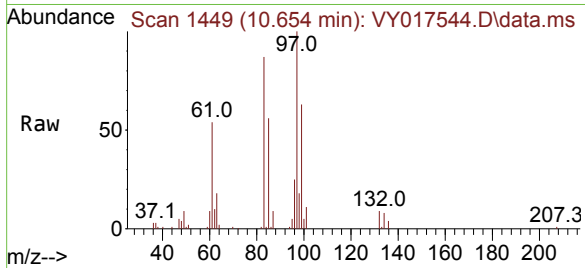




#55
1,1,2-Trichloroethane
Concen: 21.122 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

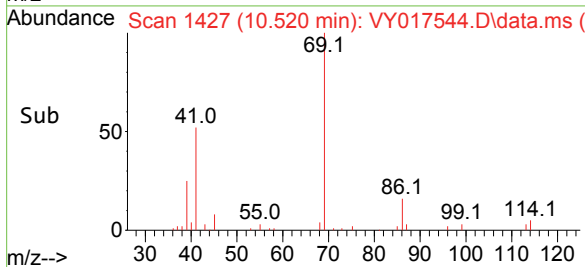
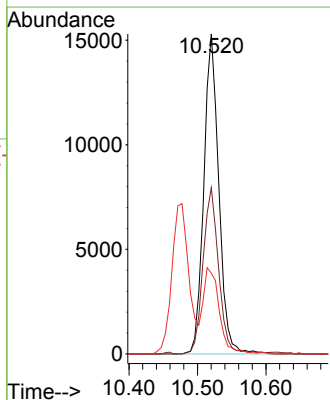
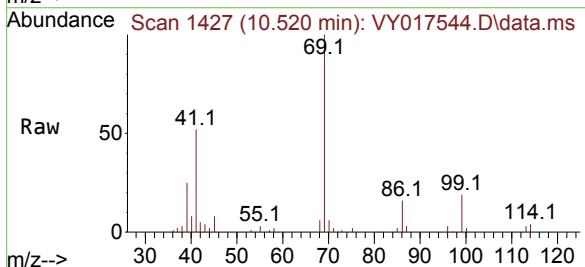
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

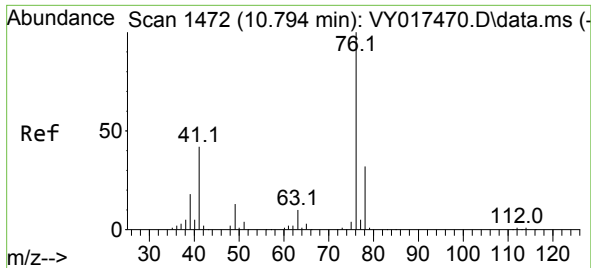
Tgt Ion: 97	Resp: 22902
Ion Ratio	Lower Upper
97 100	
83 85.9	67.5 101.3
85 55.6	42.9 64.3
99 62.6	46.6 70.0



#56
Ethyl methacrylate
Concen: 19.146 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 69	Resp: 23339
Ion Ratio	Lower Upper
69 100	
41 54.1	42.3 63.5
39 28.7	22.9 34.3

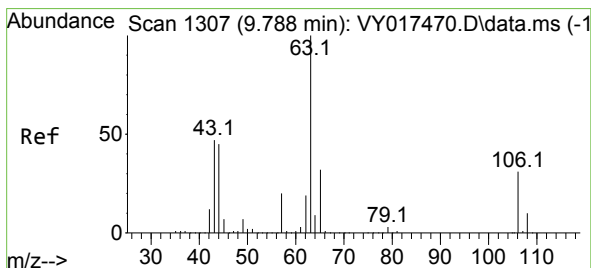
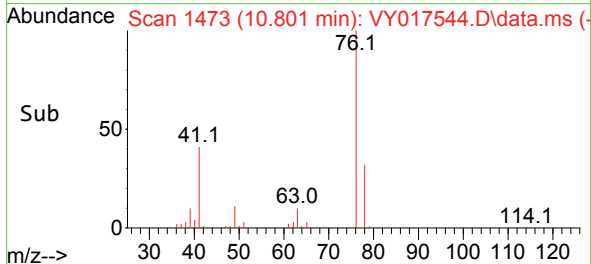
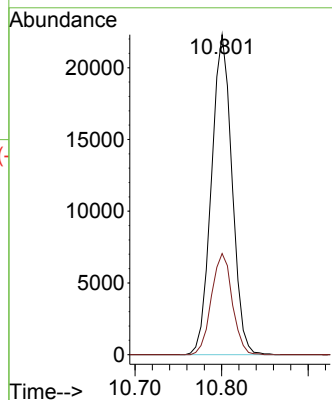
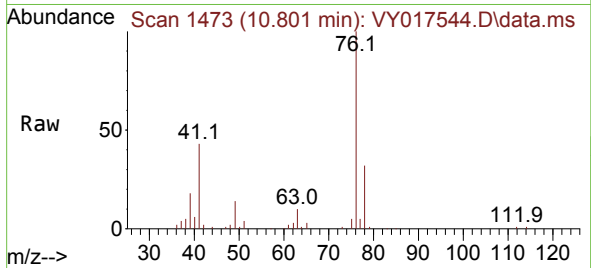




#57
1,3-Dichloropropane
Concen: 20.888 ug/l
RT: 10.801 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

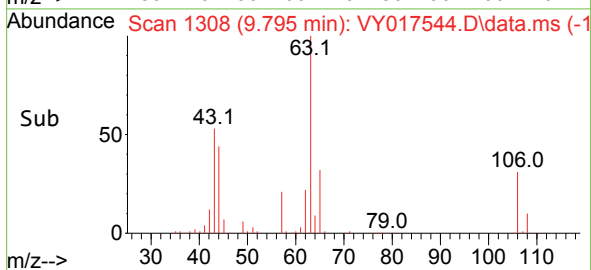
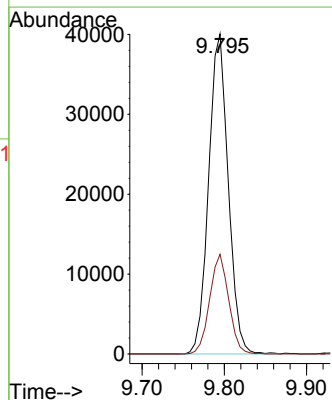
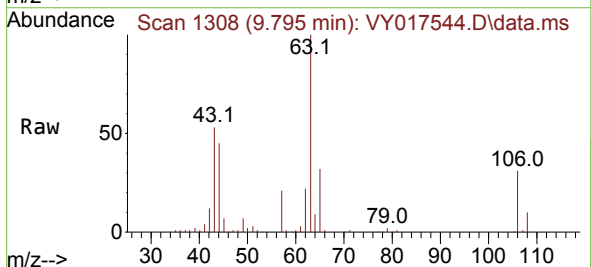
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

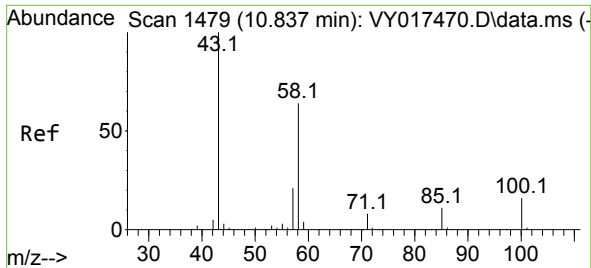
Tgt Ion: 76 Resp: 36824
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 105.906 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 63 Resp: 66264
Ion Ratio Lower Upper
63 100
106 30.3 23.7 35.5

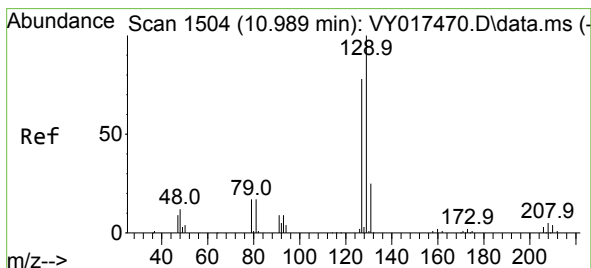
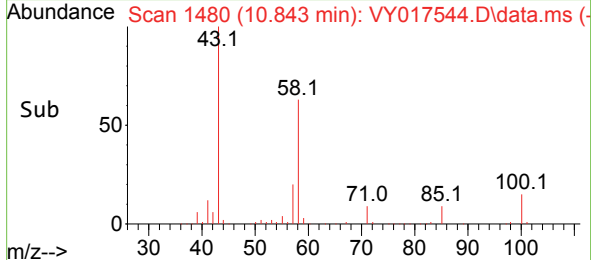
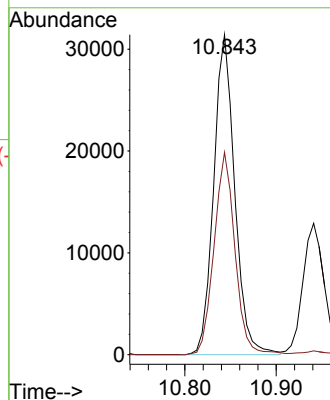
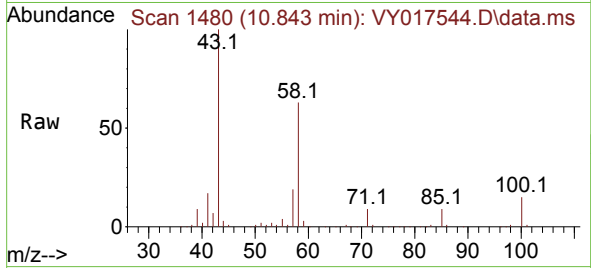




#59
2-Hexanone
Concen: 100.057 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

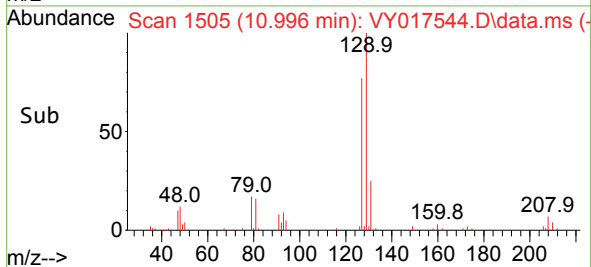
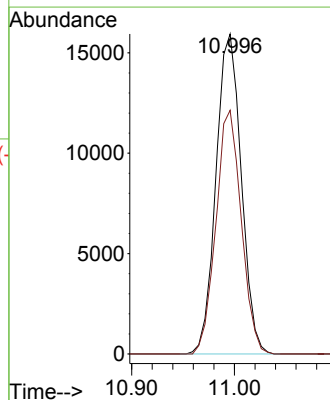
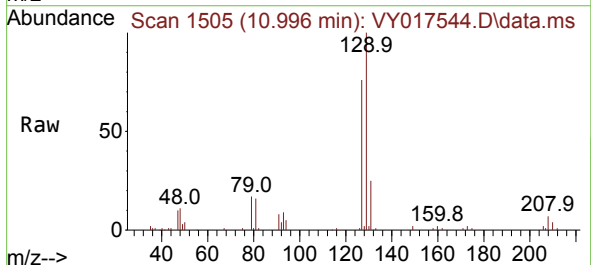
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

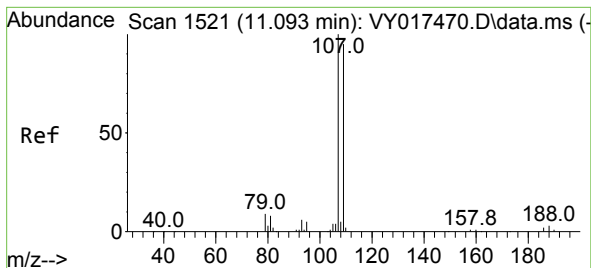
Tgt Ion: 43 Resp: 50209
Ion Ratio Lower Upper
43 100
58 62.8 31.4 94.0



#60
Dibromochloromethane
Concen: 21.197 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 129 Resp: 27190
Ion Ratio Lower Upper
129 100
127 76.3 39.0 117.0





#61

1,2-Dibromoethane

Concen: 20.166 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

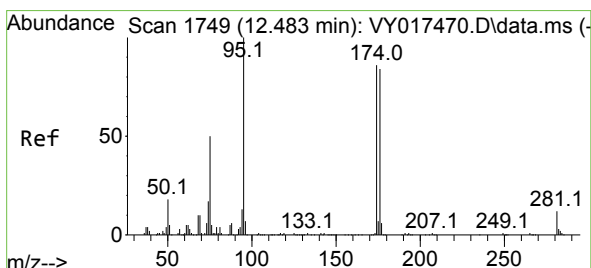
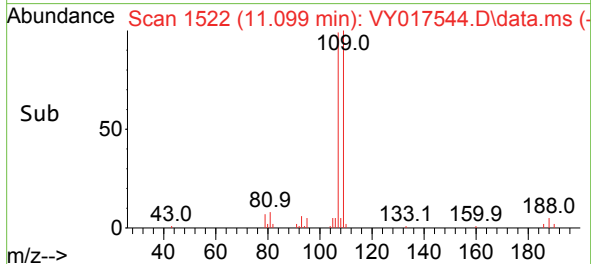
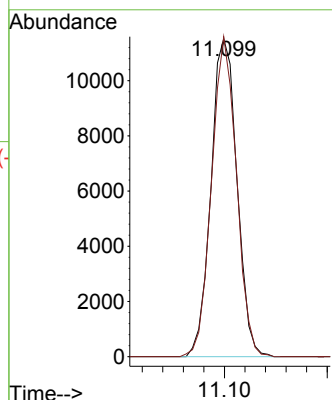
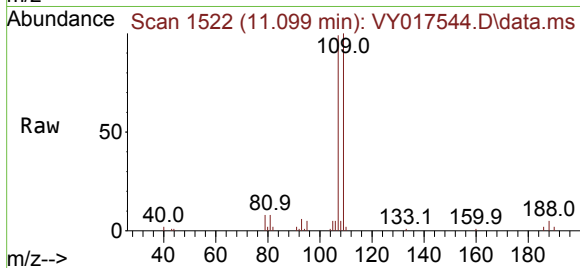
VY0301SBS01

Tgt Ion:107 Resp: 20150

Ion Ratio Lower Upper

107 100

109 96.5 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 57.668 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

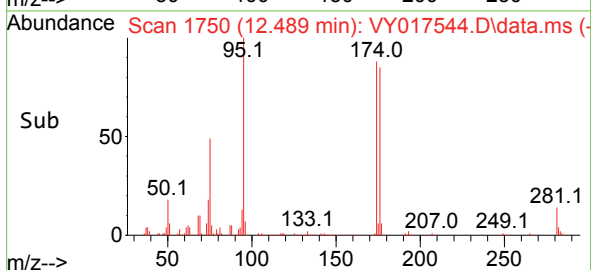
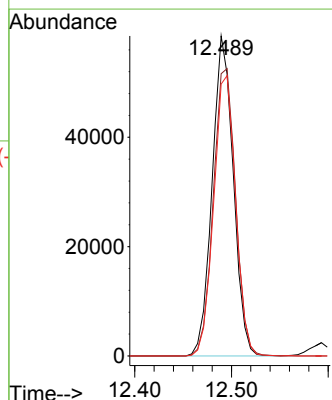
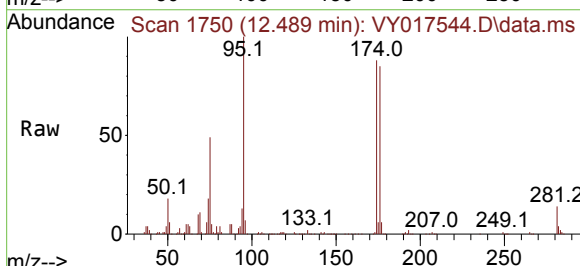
Tgt Ion: 95 Resp: 88700

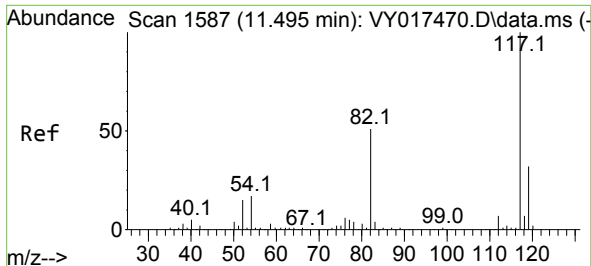
Ion Ratio Lower Upper

95 100

174 94.5 0.0 175.6

176 90.9 0.0 171.4

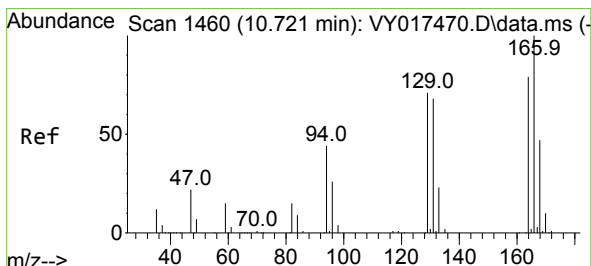
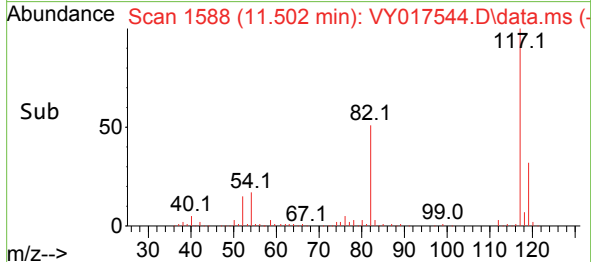
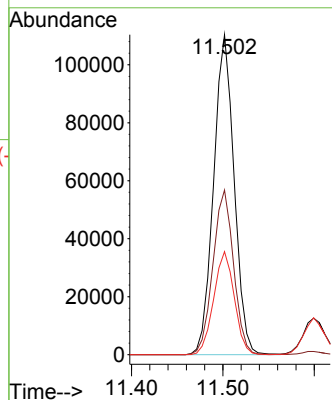
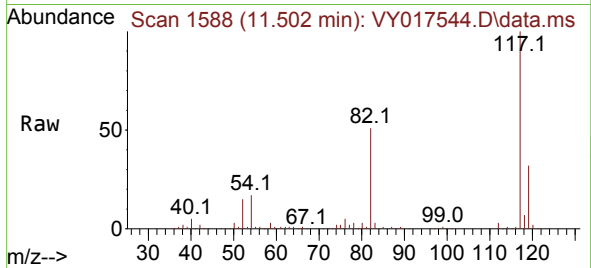




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

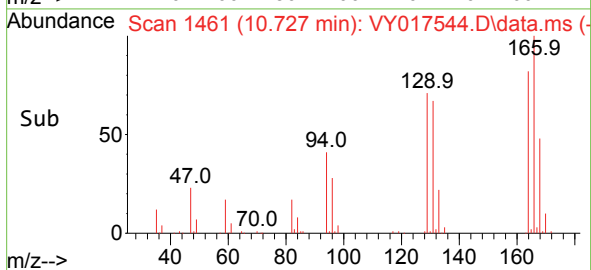
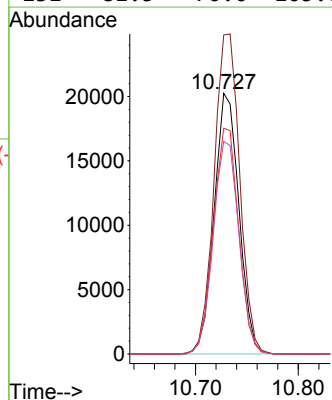
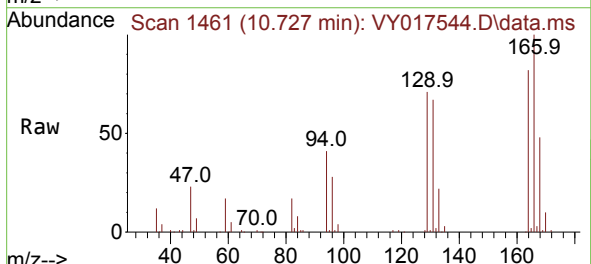
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

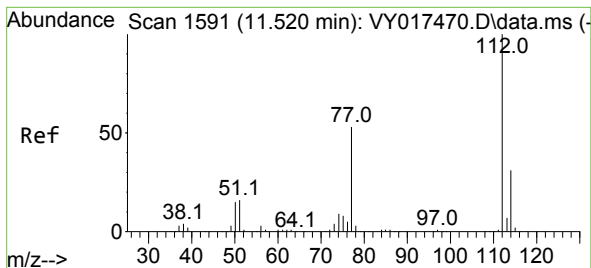
Tgt Ion:117 Resp: 172239
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 20.511 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion:164 Resp: 33909
Ion Ratio Lower Upper
164 100
166 122.4 102.6 154.0
129 86.6 72.0 108.0
131 81.5 70.0 105.0

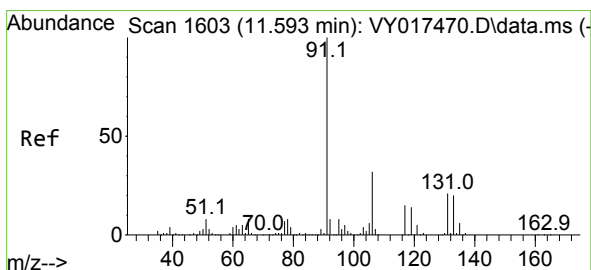
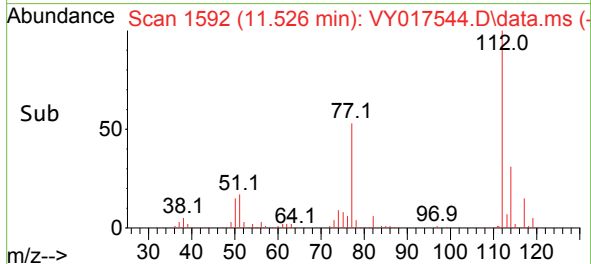
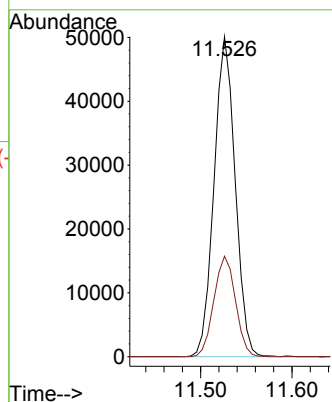
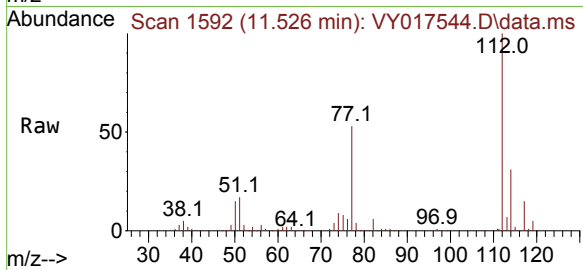




#65
Chlorobenzene
Concen: 21.966 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

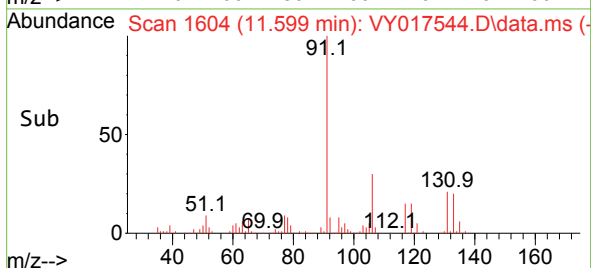
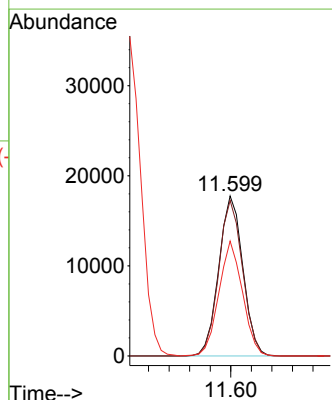
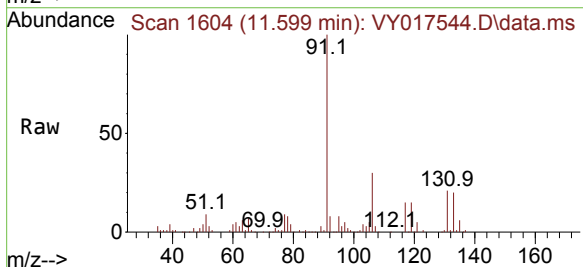
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

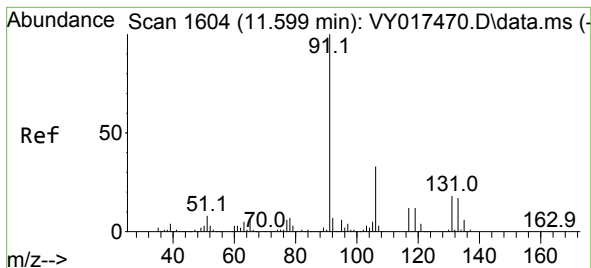
Tgt Ion:112 Resp: 80305
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.077 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion:131 Resp: 28868
Ion Ratio Lower Upper
131 100
133 96.8 47.8 143.3
119 70.5 34.1 102.2





#67

Ethyl Benzene

Concen: 21.432 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

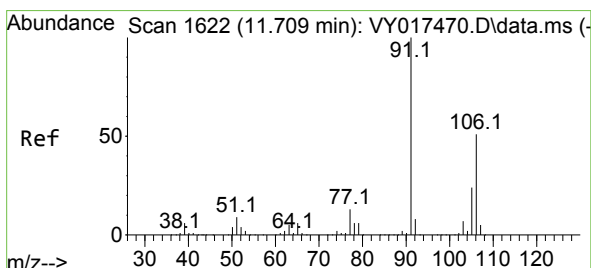
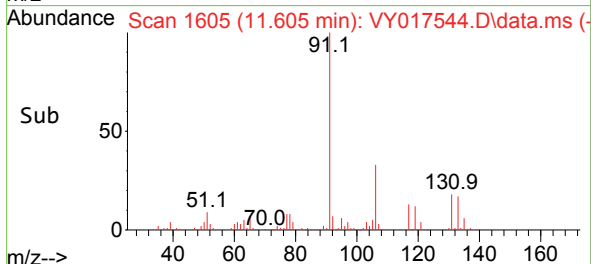
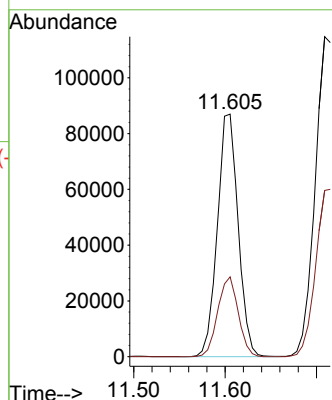
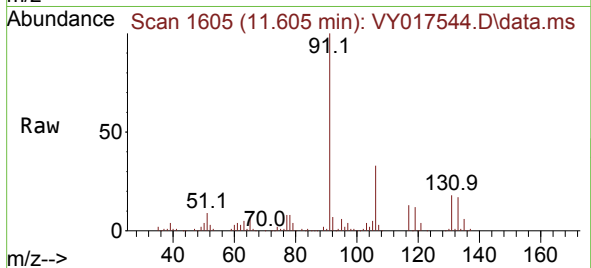
VY0301SBS01

Tgt Ion: 91 Resp: 137412

Ion Ratio Lower Upper

91 100

106 32.9 24.5 36.7



#68

m/p-Xylenes

Concen: 43.509 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017544.D

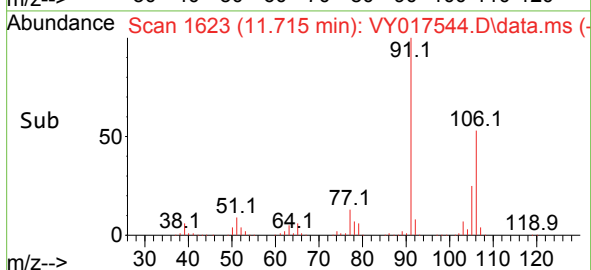
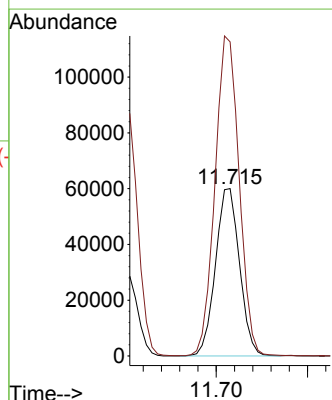
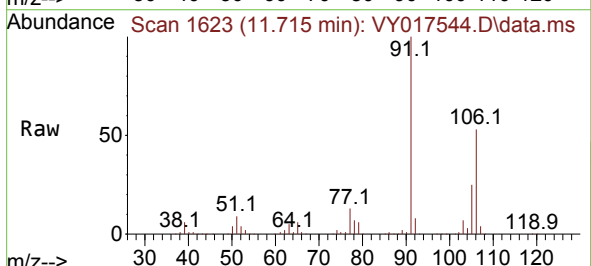
Acq: 01 Mar 2024 11:07

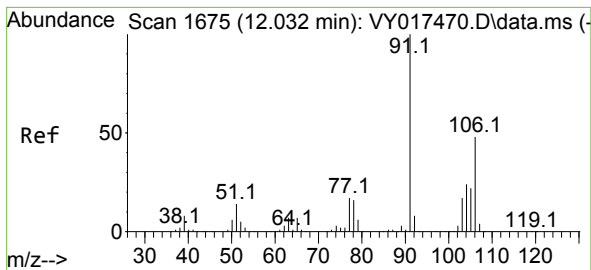
Tgt Ion:106 Resp: 109614

Ion Ratio Lower Upper

106 100

91 192.3 156.0 234.0





#69

o-Xylene

Concen: 21.691 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

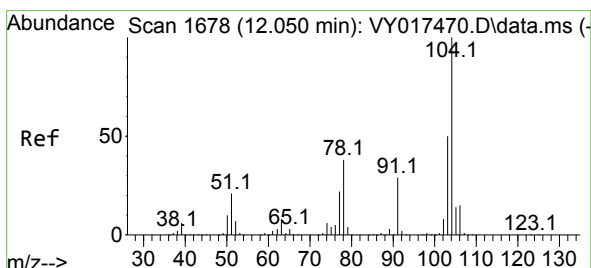
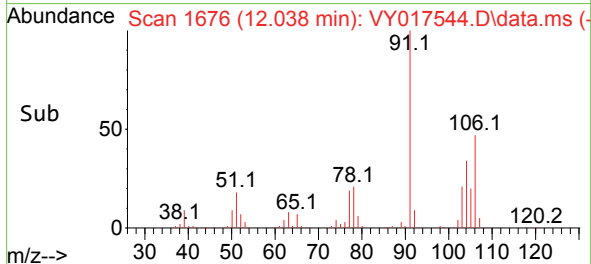
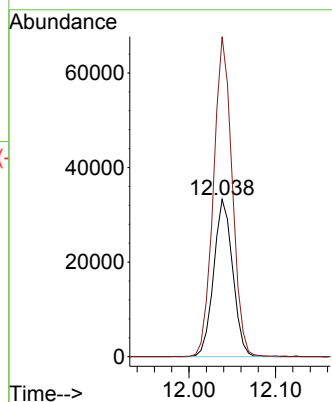
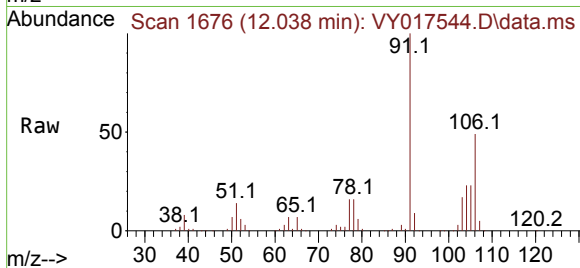
VY0301SBS01

Tgt Ion:106 Resp: 50698

Ion Ratio Lower Upper

106 100

91 200.6 103.6 310.8



#70

Styrene

Concen: 21.272 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

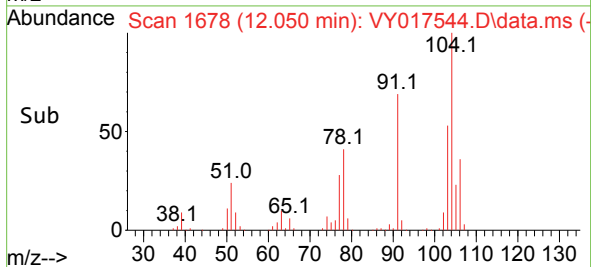
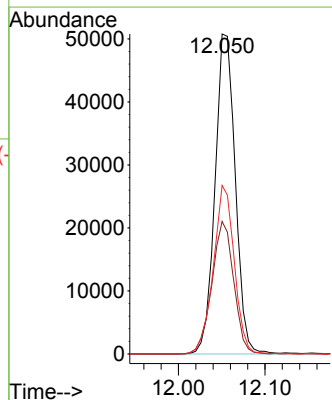
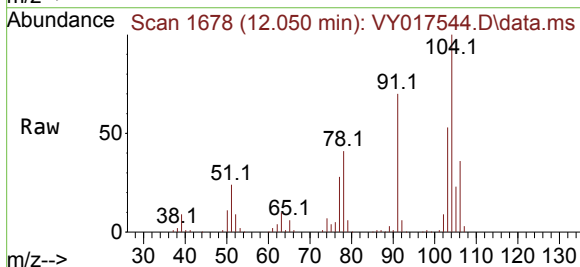
Tgt Ion:104 Resp: 82529

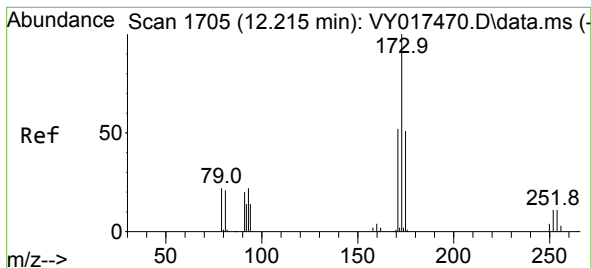
Ion Ratio Lower Upper

104 100

78 44.6 37.0 55.4

103 54.6 44.2 66.2





#71

Bromoform

Concen: 20.471 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS01

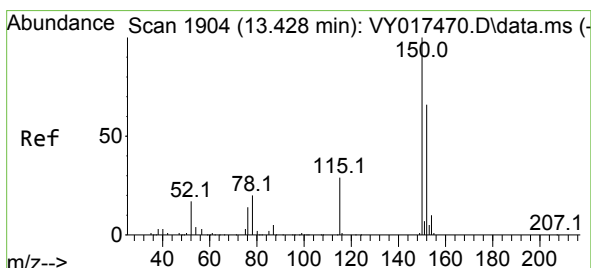
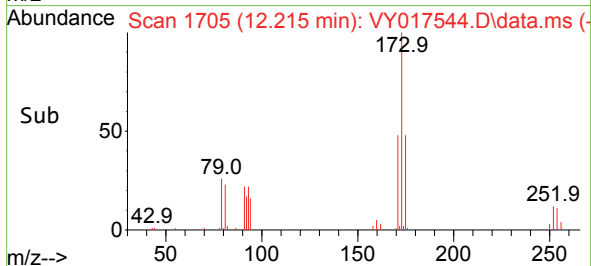
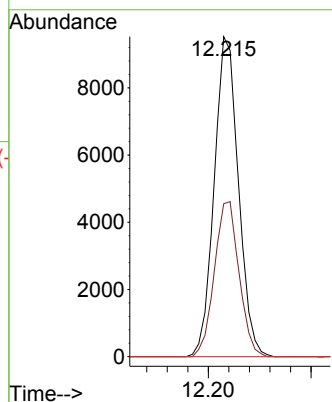
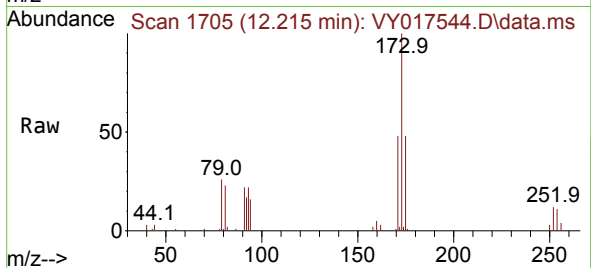
Tgt Ion:173 Resp: 15537

Ion Ratio Lower Upper

173 100

175 49.4 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

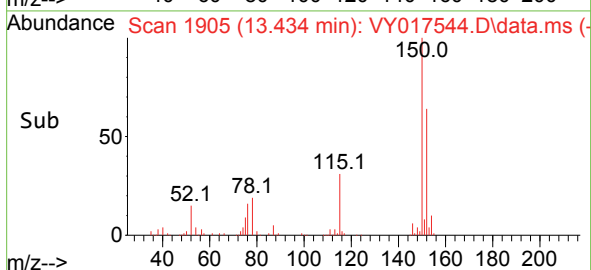
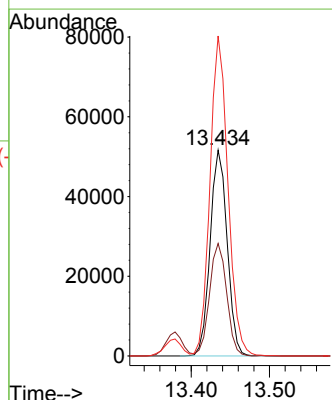
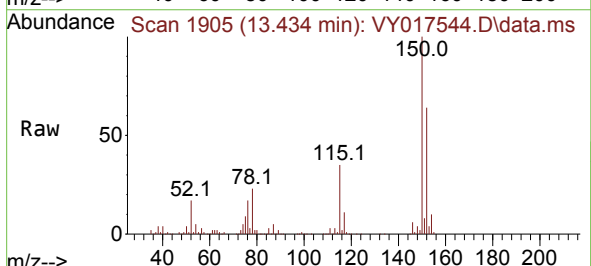
Tgt Ion:152 Resp: 78059

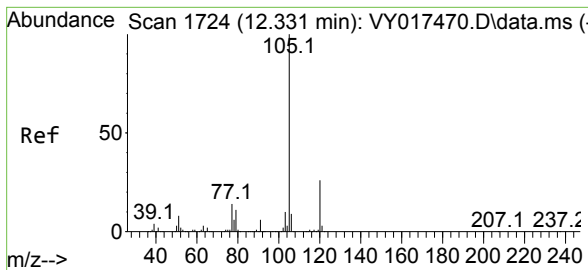
Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 163.8 0.0 345.6





#73

Isopropylbenzene

Concen: 22.546 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

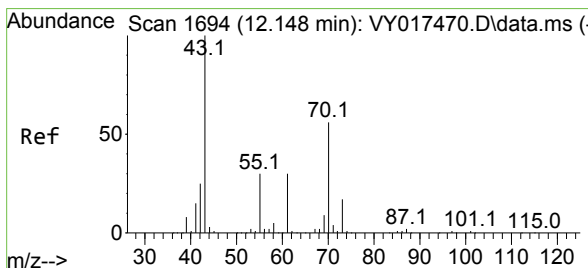
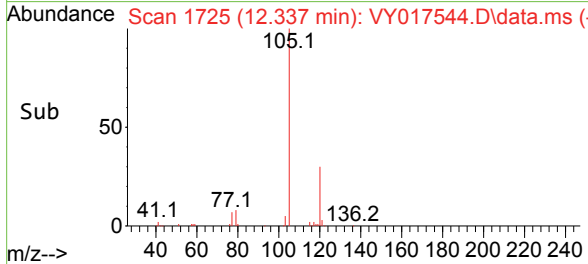
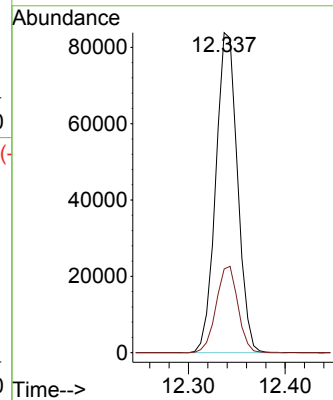
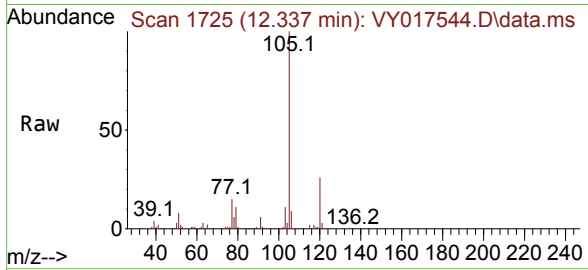
VY0301SBS01

Tgt Ion:105 Resp: 130753

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 20.444 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Tgt Ion: 43 Resp: 20911

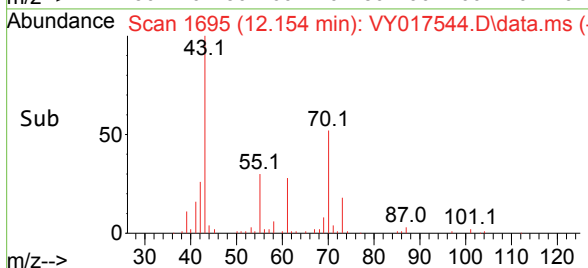
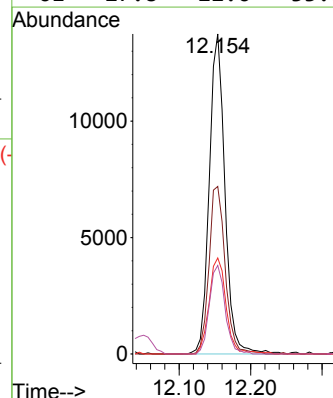
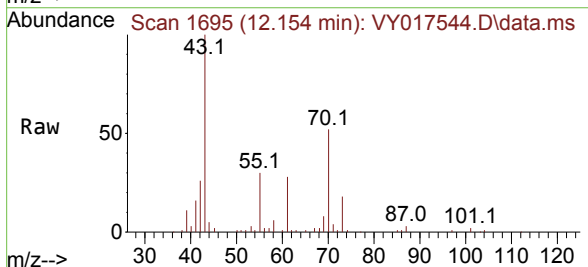
Ion Ratio Lower Upper

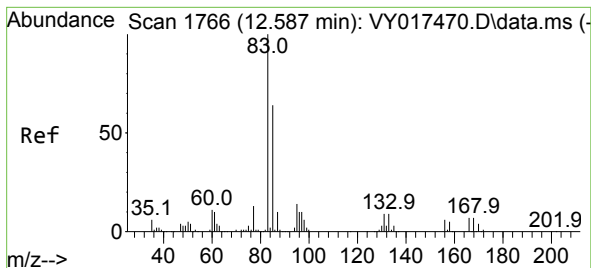
43 100

70 54.4 41.4 62.2

55 32.7 23.3 34.9

61 27.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 23.837 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS01

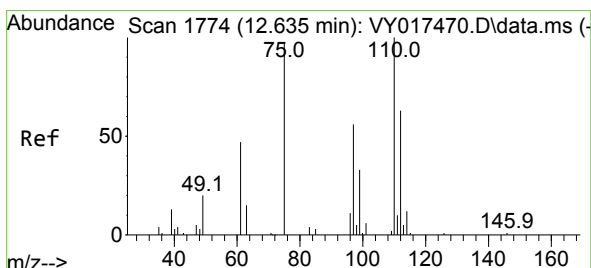
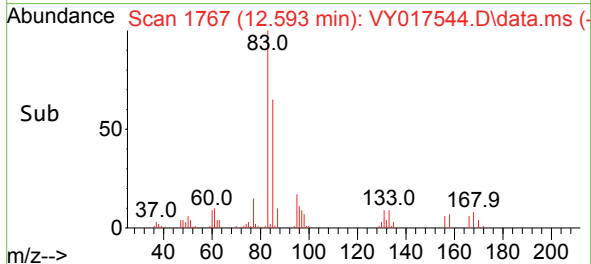
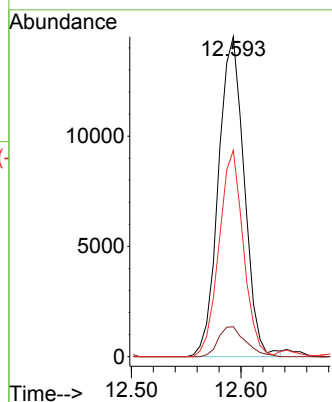
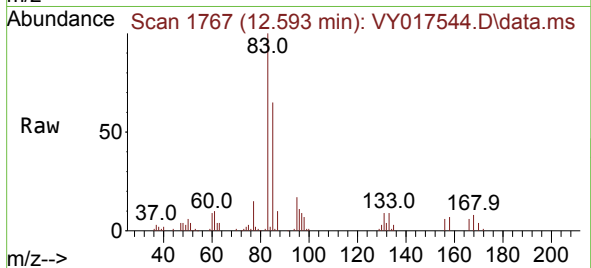
Tgt Ion: 83 Resp: 23738

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 60.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 38.047 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017544.D

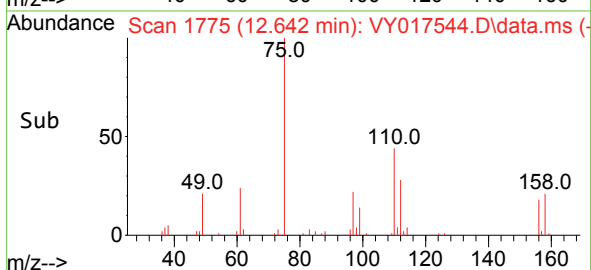
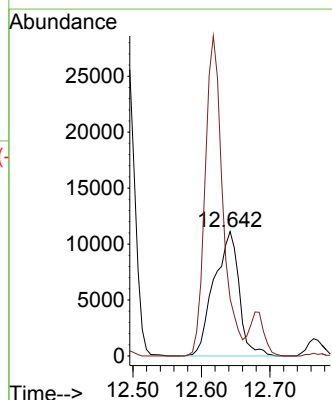
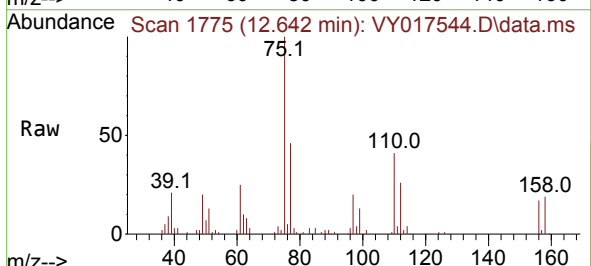
Acq: 01 Mar 2024 11:07

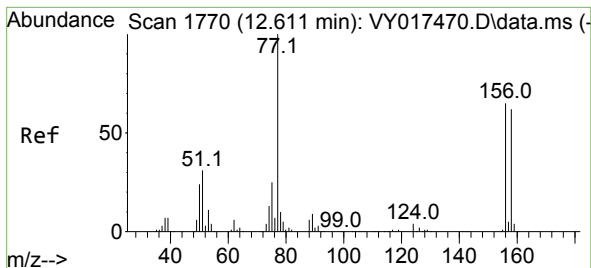
Tgt Ion: 75 Resp: 28219

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.084 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS01

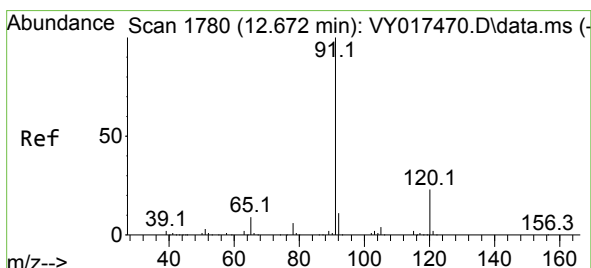
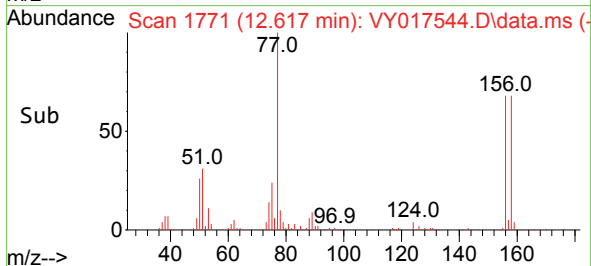
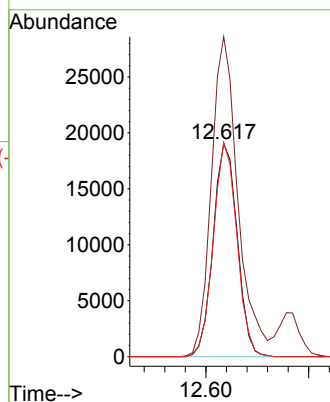
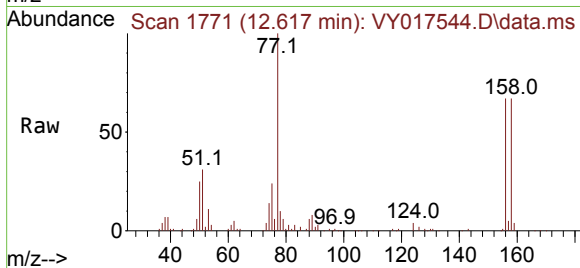
Tgt Ion:156 Resp: 31015

Ion Ratio Lower Upper

156 100

77 165.2 87.1 261.3

158 98.1 48.6 145.9



#78

n-propylbenzene

Concen: 23.114 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017544.D

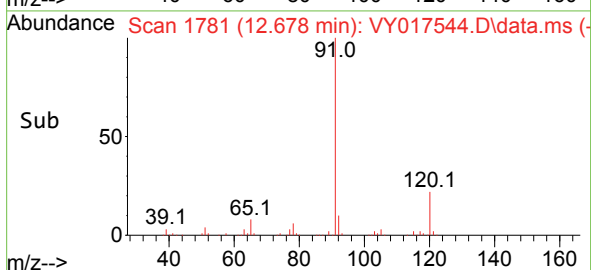
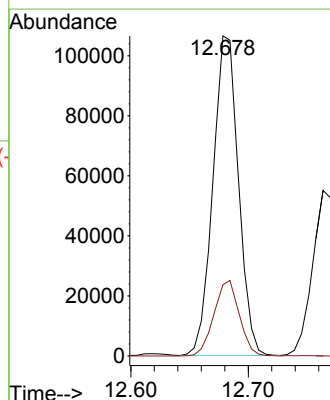
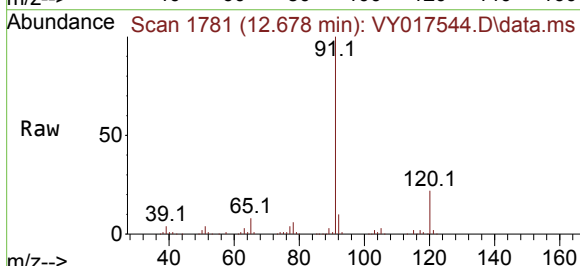
Acq: 01 Mar 2024 11:07

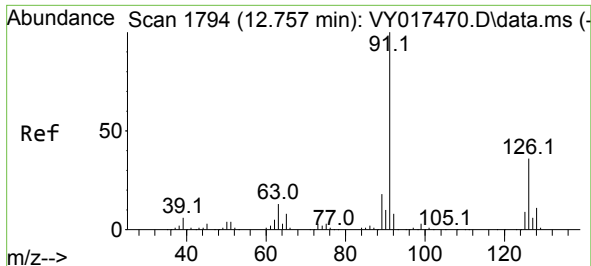
Tgt Ion: 91 Resp: 160837

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 22.344 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

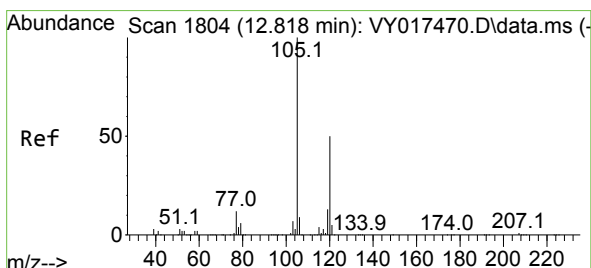
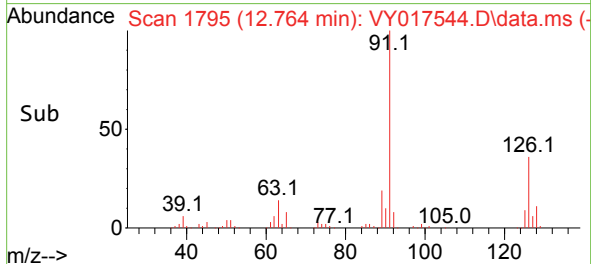
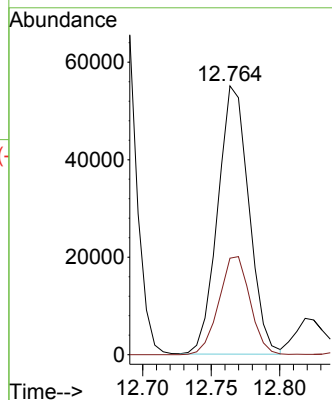
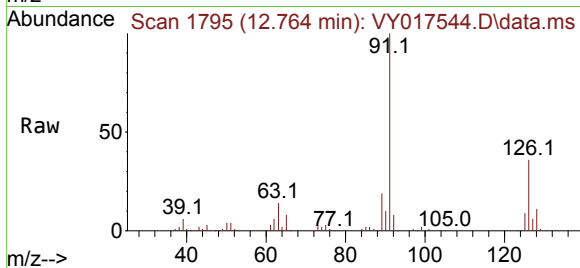
VY0301SBS01

Tgt Ion: 91 Resp: 87049

Ion Ratio Lower Upper

91 100

126 36.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 22.727 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017544.D

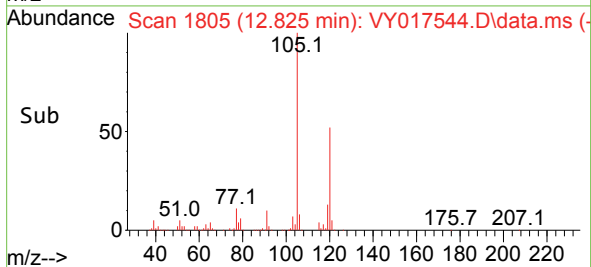
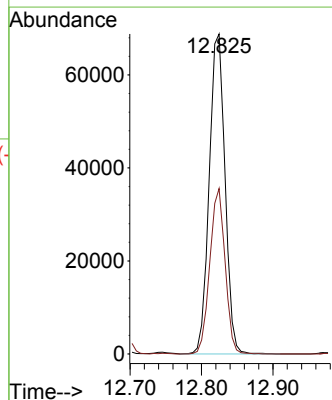
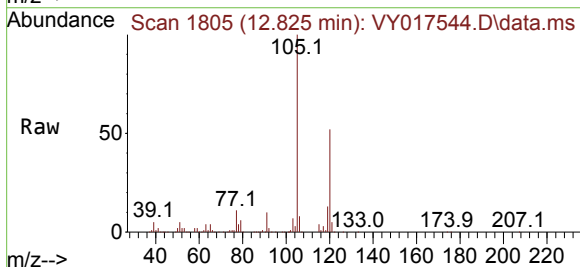
Acq: 01 Mar 2024 11:07

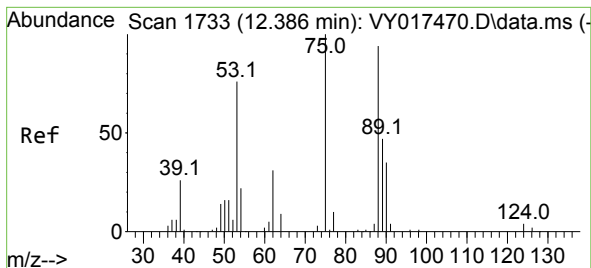
Tgt Ion:105 Resp: 105595

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.2

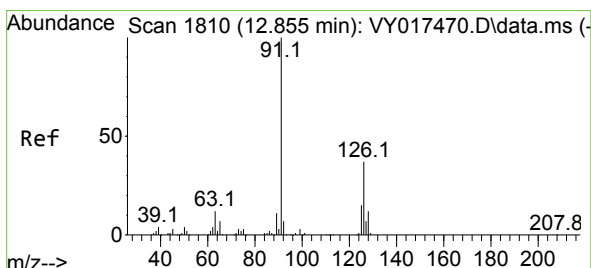
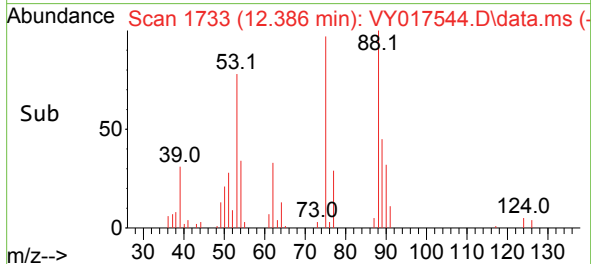
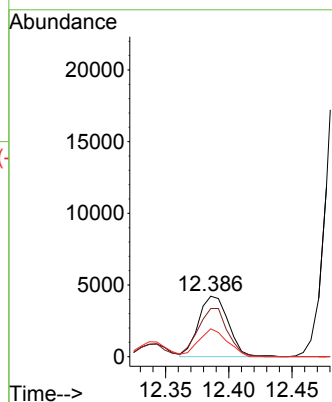
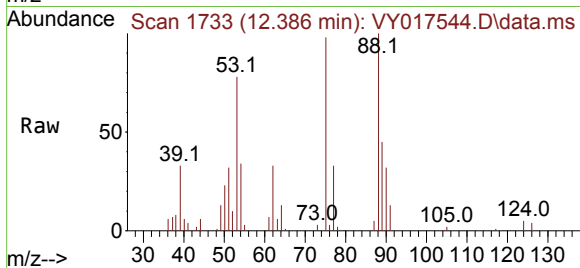




#81
trans-1,4-Dichloro-2-butene
Concen: 21.408 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

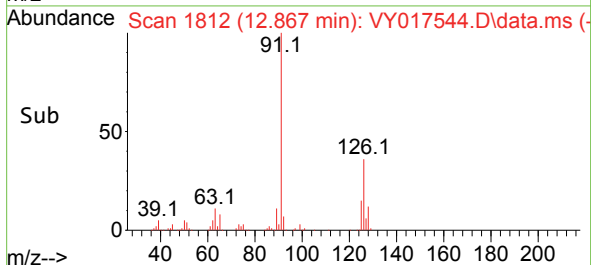
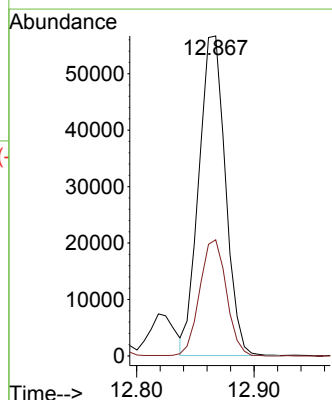
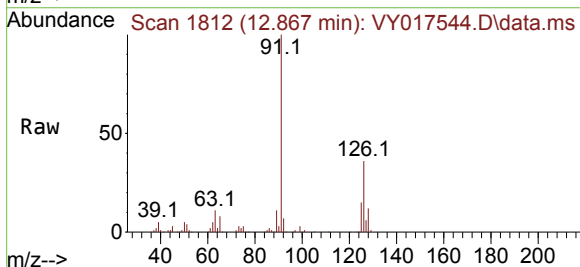
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

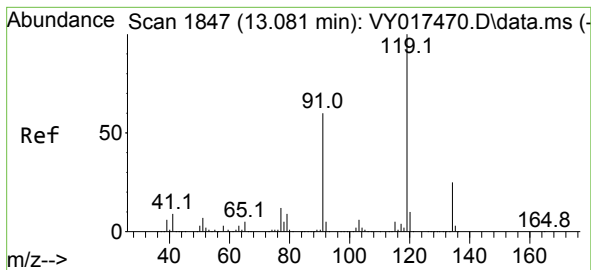
Tgt Ion: 75 Resp: 6910
Ion Ratio Lower Upper
75 100
53 79.0 66.8 100.2
89 44.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 22.350 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.012 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 91 Resp: 89061
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.868 ug/l

RT: 13.087 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS01

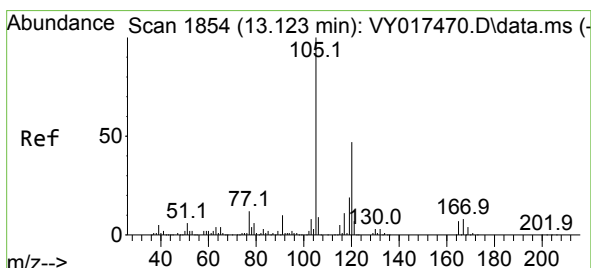
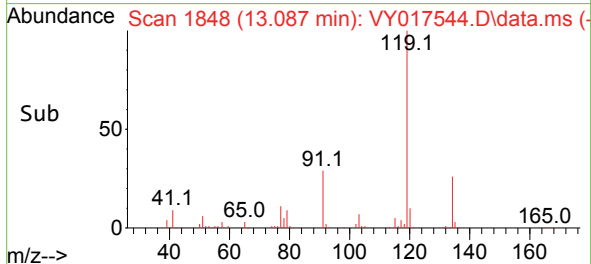
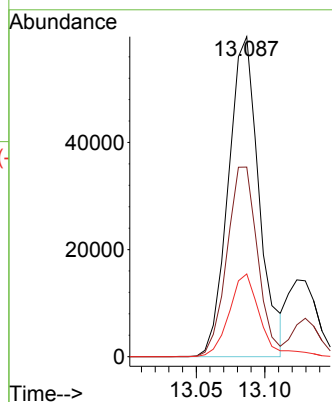
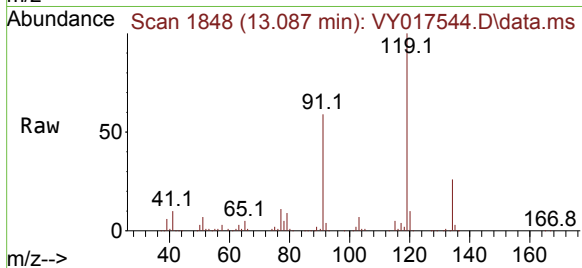
Tgt Ion:119 Resp: 93298

Ion Ratio Lower Upper

119 100

91 59.2 31.3 93.8

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 22.188 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY017544.D

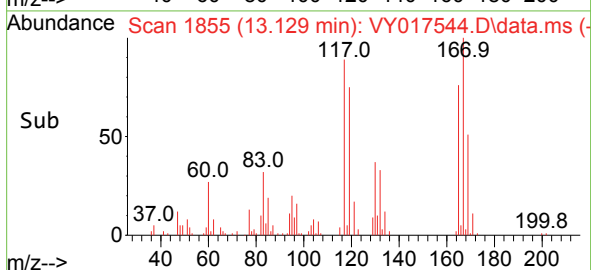
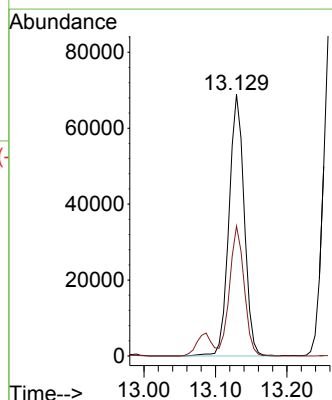
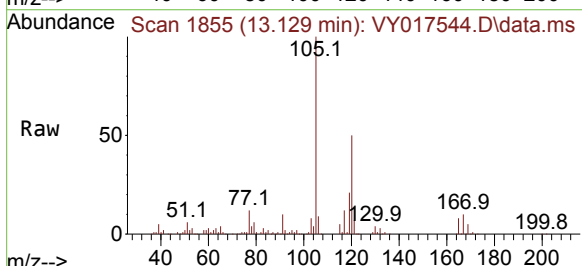
Acq: 01 Mar 2024 11:07

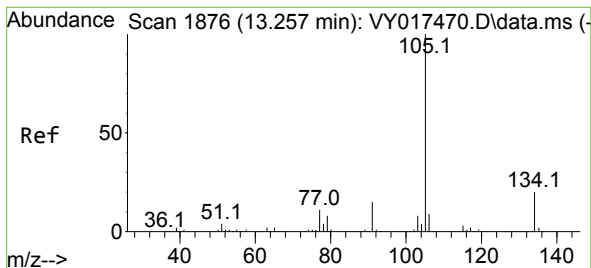
Tgt Ion:105 Resp: 101772

Ion Ratio Lower Upper

105 100

120 47.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.607 ug/l

RT: 13.264 min Scan# 1876

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

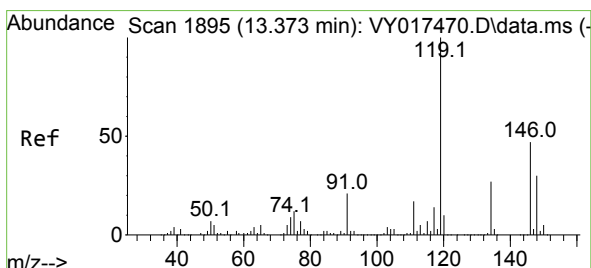
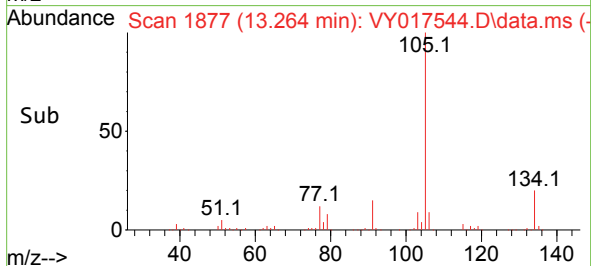
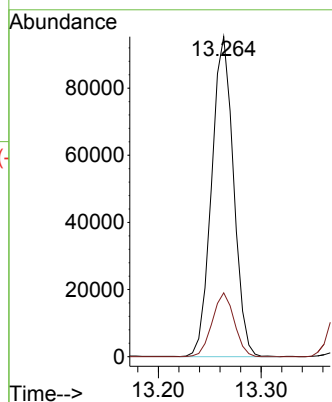
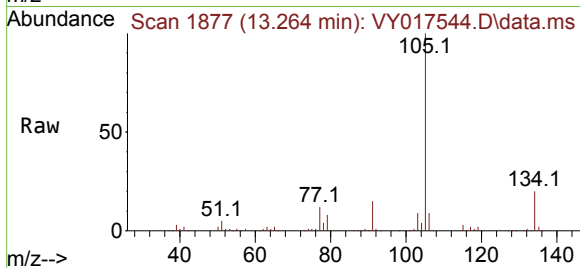
VY0301SBS01

Tgt Ion:105 Resp: 141018

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.186 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

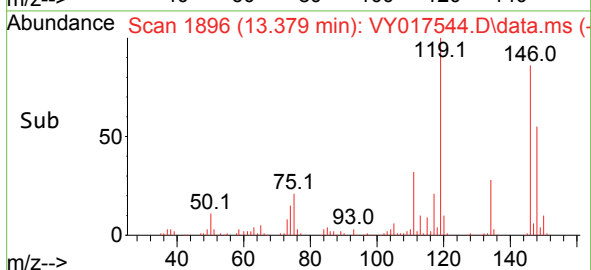
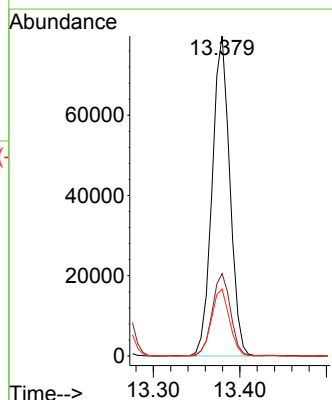
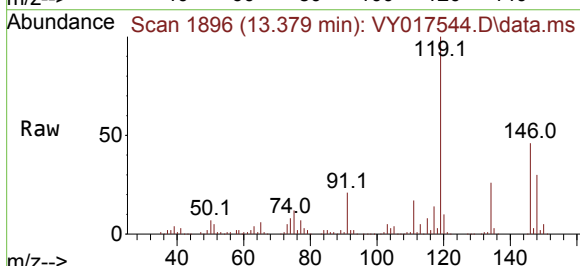
Tgt Ion:119 Resp: 113288

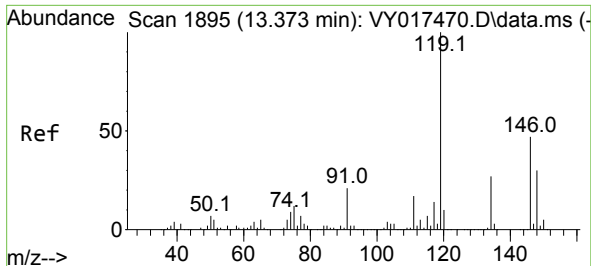
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

91 21.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.626 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS01

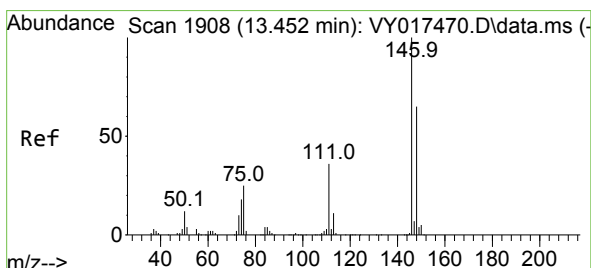
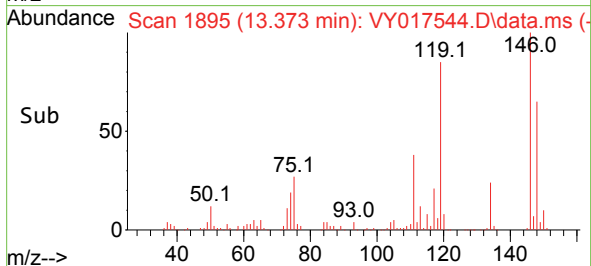
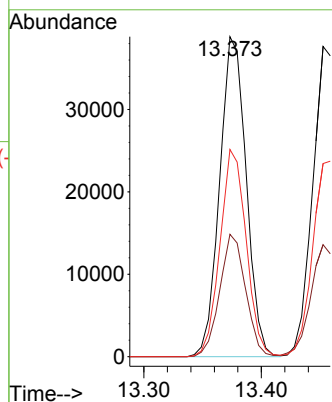
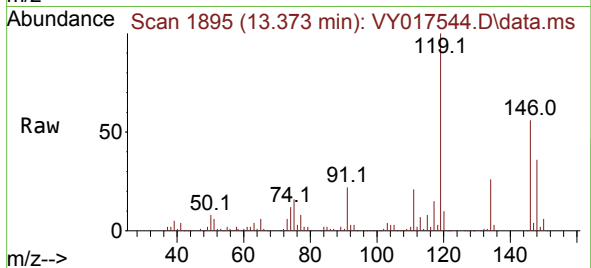
Tgt Ion:146 Resp: 60962

Ion Ratio Lower Upper

146 100

111 37.3 19.0 57.0

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.808 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

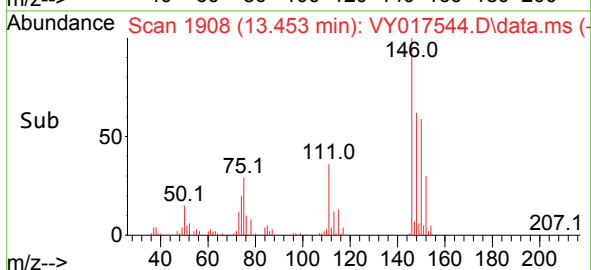
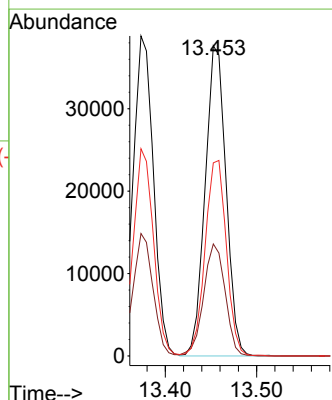
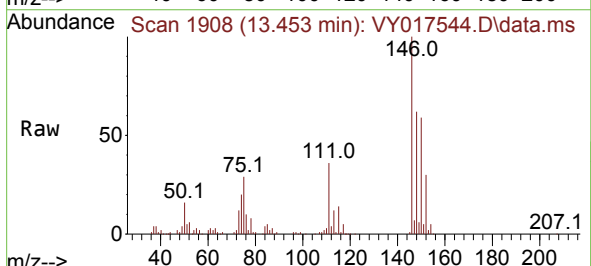
Tgt Ion:146 Resp: 59767

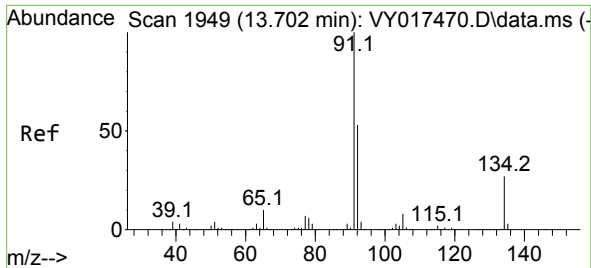
Ion Ratio Lower Upper

146 100

111 37.2 18.4 55.4

148 64.4 32.4 97.2

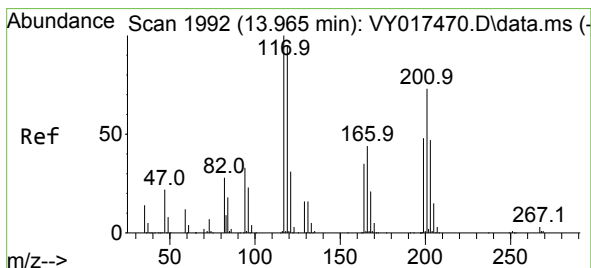
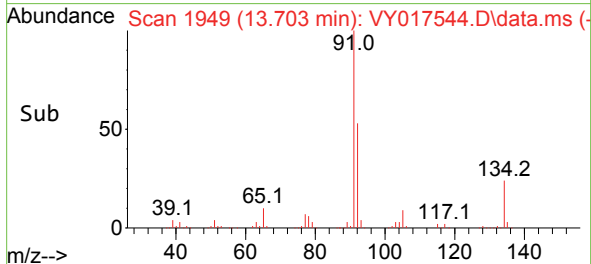
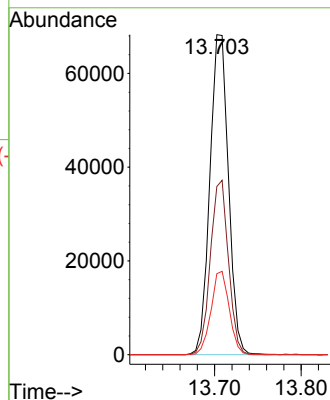
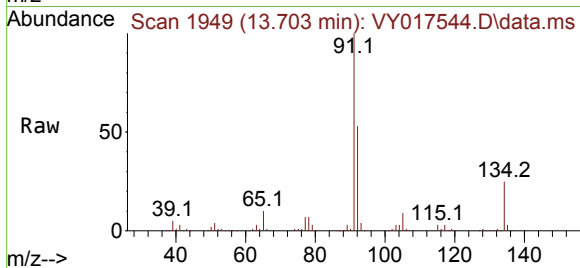




#89
n-Butylbenzene
Concen: 21.842 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

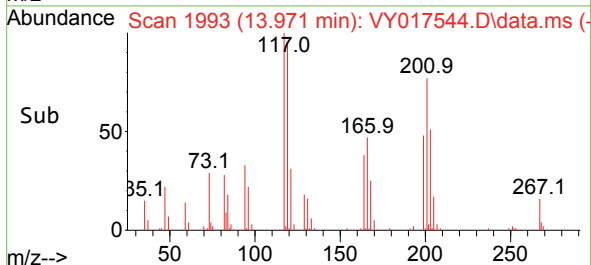
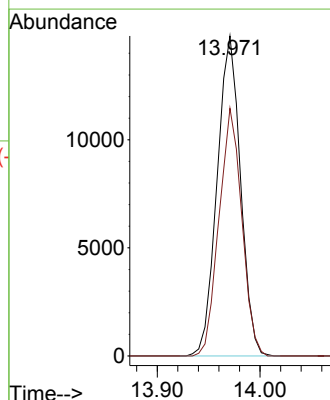
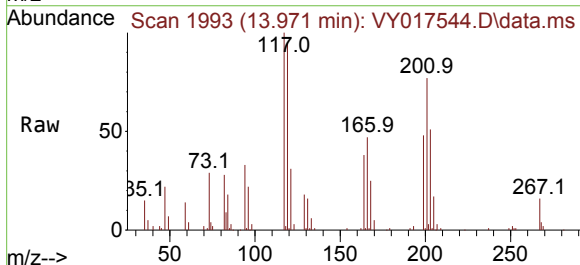
Instrument :
MSVOA_Y
ClientSampleId :
VY0301SBS01

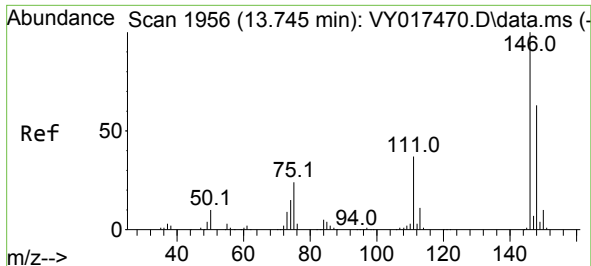
Tgt Ion: 91 Resp: 101755
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.7
134 25.6 12.9 38.7



#90
Hexachloroethane
Concen: 22.848 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.006 min
Lab File: VY017544.D
Acq: 01 Mar 2024 11:07

Tgt Ion: 117 Resp: 23390
Ion Ratio Lower Upper
117 100
201 75.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.821 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS01

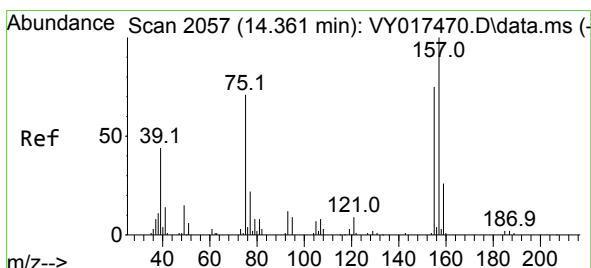
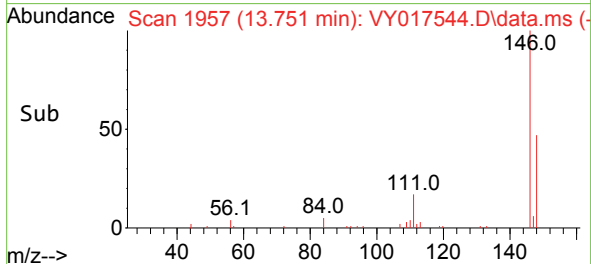
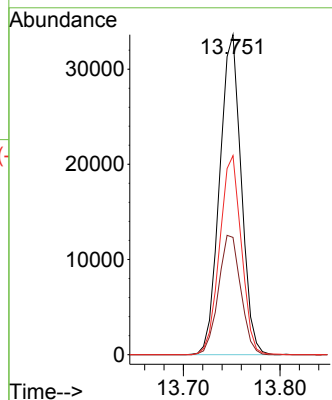
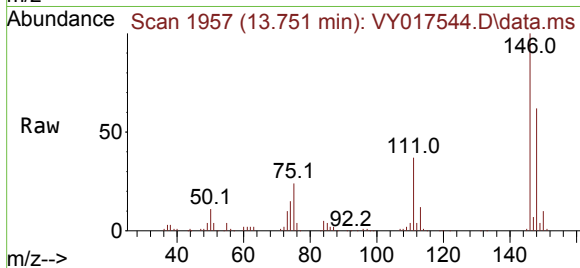
Tgt Ion:146 Resp: 52030

Ion Ratio Lower Upper

146 100

111 38.7 19.9 59.7

148 62.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.921 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

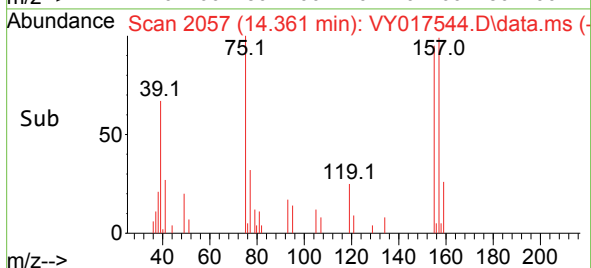
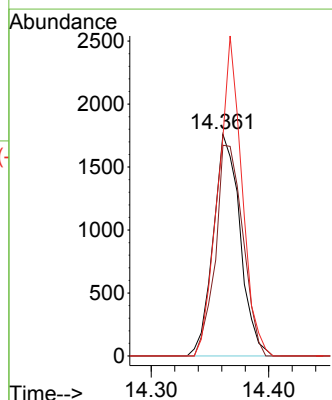
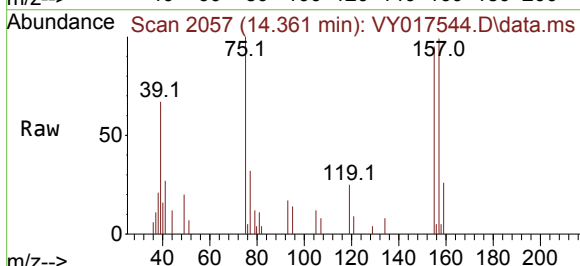
Tgt Ion: 75 Resp: 2789

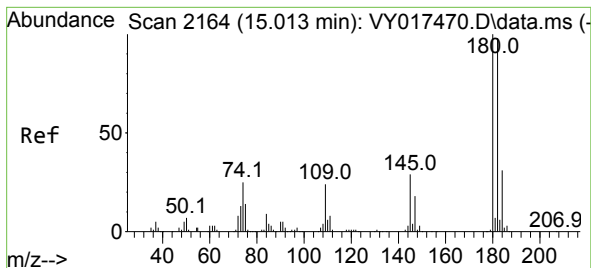
Ion Ratio Lower Upper

75 100

155 97.0 48.6 145.8

157 127.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.277 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS01

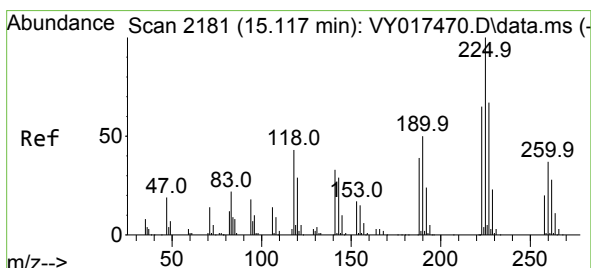
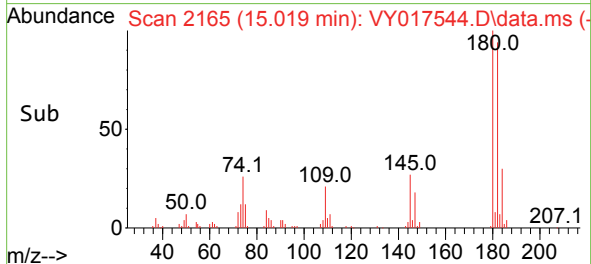
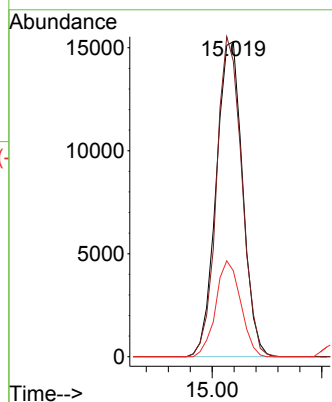
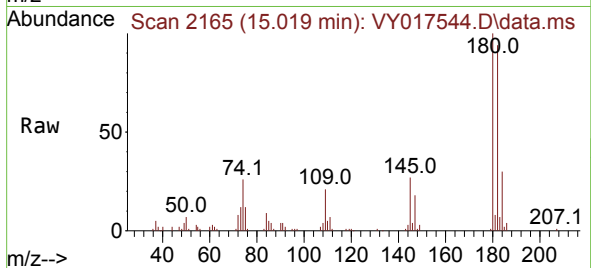
Tgt Ion:180 Resp: 25538

Ion Ratio Lower Upper

180 100

182 97.3 47.9 143.8

145 28.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.811 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

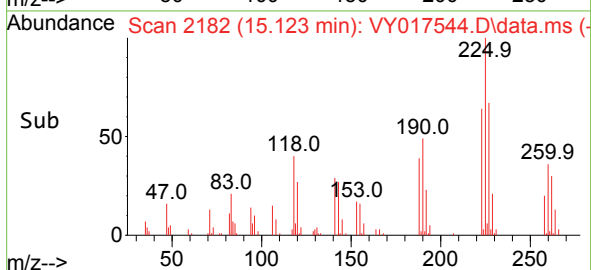
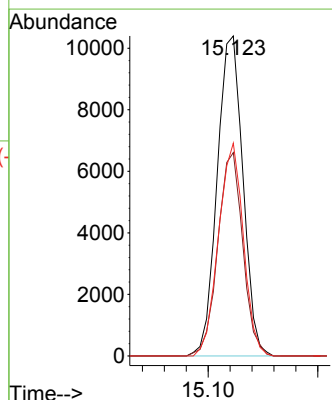
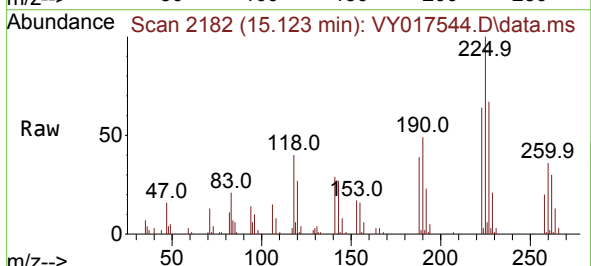
Tgt Ion:225 Resp: 16960

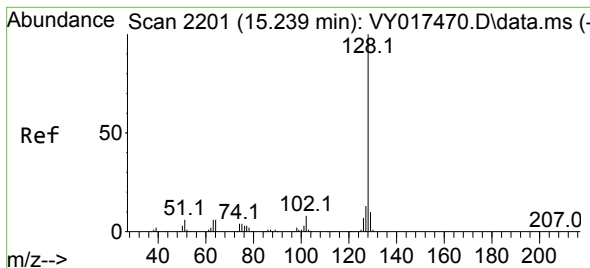
Ion Ratio Lower Upper

225 100

223 61.7 30.4 91.2

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 18.702 ug/l

RT: 15.245 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0301SBS01

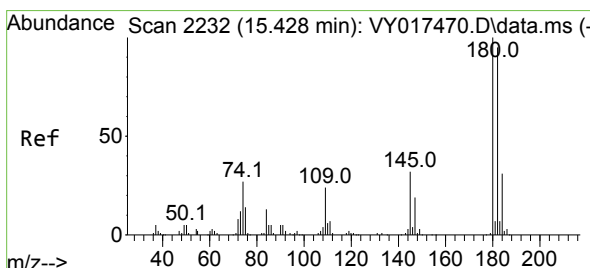
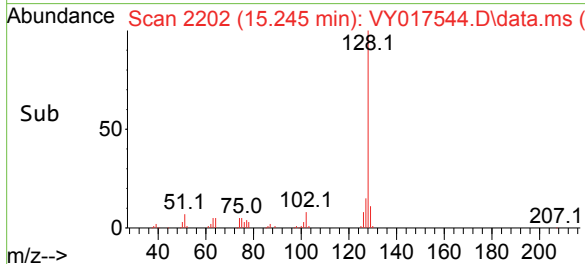
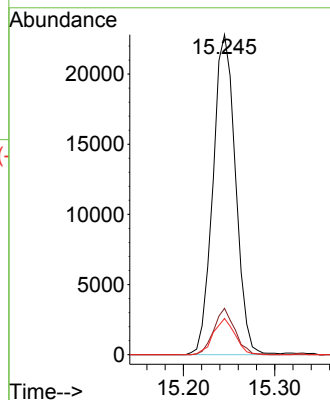
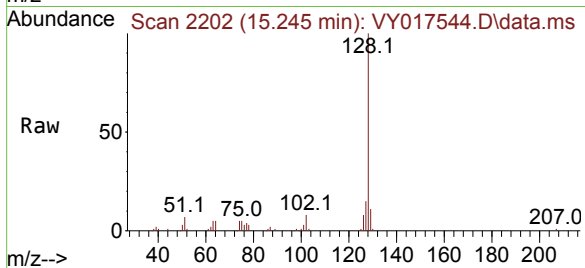
Tgt Ion:128 Resp: 39154

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.511 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY017544.D

Acq: 01 Mar 2024 11:07

Tgt Ion:180 Resp: 22161

Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.9

145 29.8 15.4 46.1

