

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017255.D
 Acq On : 06 Feb 2024 11:19
 Operator : SY/MD
 Sample : VY0206SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Quant Time: Feb 07 00:06:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	125594	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.710	114	210454	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	181029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	81270	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	50096	44.650	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.300%
35) Dibromofluoromethane	7.740	113	54829	48.251	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.500%
50) Toluene-d8	10.197	98	198708	48.029	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.489	95	61652	45.490	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	21762	22.857	ug/l	97
3) Chloromethane	2.125	50	33662	19.681	ug/l	97
4) Vinyl Chloride	2.266	62	39778	19.084	ug/l	99
5) Bromomethane	2.662	94	28143	19.479	ug/l	98
6) Chloroethane	2.808	64	25344	18.832	ug/l	99
7) Trichlorofluoromethane	3.137	101	44785	20.896	ug/l	98
8) Diethyl Ether	3.546	74	13580	20.143	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.918	101	27904	21.477	ug/l	97
10) Methyl Iodide	4.113	142	25232	18.473	ug/l	98
11) Tert butyl alcohol	4.972	59	9599	91.169	ug/l #	82
12) 1,1-Dichloroethene	3.893	96	25069	20.592	ug/l	96
13) Acrolein	3.753	56	10083	101.501	ug/l	95
14) Allyl chloride	4.503	41	37859	20.571	ug/l	99
15) Acrylonitrile	5.192	53	29701	97.848	ug/l	99
16) Acetone	3.966	43	33996	103.092	ug/l	99
17) Carbon Disulfide	4.216	76	73706	18.966	ug/l	100
18) Methyl Acetate	4.503	43	11909	16.188	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	56578	19.297	ug/l	99
20) Methylene Chloride	4.741	84	32456	22.074	ug/l	98
21) trans-1,2-Dichloroethene	5.247	96	28002	20.219	ug/l	96
22) Diisopropyl ether	6.143	45	82738	20.471	ug/l	98
23) Vinyl Acetate	6.082	43	243863	99.580	ug/l	99
24) 1,1-Dichloroethane	6.045	63	51453	20.782	ug/l	99
25) 2-Butanone	7.009	43	43088	98.289	ug/l	97
26) 2,2-Dichloropropane	7.009	77	42365	20.571	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	31307	20.212	ug/l	98
28) Bromochloromethane	7.356	49	18505	19.520	ug/l	99
29) Tetrahydrofuran	7.368	42	22532	90.987	ug/l	98
30) Chloroform	7.527	83	52256	20.981	ug/l	97
31) Cyclohexane	7.807	56	46242	20.448	ug/l	95
32) 1,1,1-Trichloroethane	7.728	97	44440	20.743	ug/l	99
36) 1,1-Dichloropropene	7.941	75	39694	20.251	ug/l	99
37) Ethyl Acetate	7.100	43	17692	19.461	ug/l	98
38) Carbon Tetrachloride	7.923	117	39705	21.157	ug/l	98
39) Methylcyclohexane	9.203	83	46979	20.516	ug/l	98
40) Benzene	8.185	78	116702	20.849	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	7133	16.560	ug/l #	75
42) 1,2-Dichloroethane	8.258	62	29480	19.892	ug/l	98
43) Isopropyl Acetate	8.289	43	30364	18.868	ug/l	99
44) Trichloroethene	8.960	130	30174	21.236	ug/l	90
45) 1,2-Dichloropropane	9.234	63	28800	20.947	ug/l	97
46) Dibromomethane	9.325	93	14764	19.879	ug/l	100
47) Bromodichloromethane	9.514	83	38728	20.837	ug/l	96
48) Methyl methacrylate	9.313	41	14032	18.589	ug/l	98
49) 1,4-Dioxane	9.319	88	2922	361.471	ug/l	96
51) 4-Methyl-2-Pentanone	10.081	43	83612	96.923	ug/l	99
52) Toluene	10.258	92	71059	21.032	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	34979	20.036	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	42789	20.462	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	20743	20.528	ug/l	98
56) Ethyl methacrylate	10.526	69	23418	19.195	ug/l	98
57) 1,3-Dichloropropane	10.801	76	34943	20.106	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	56410	89.611	ug/l	100
59) 2-Hexanone	10.843	43	62995	100.987	ug/l	100
60) Dibromochloromethane	10.996	129	24091	20.323	ug/l	99
61) 1,2-Dibromoethane	11.099	107	18660	19.856	ug/l	100
64) Tetrachloroethene	10.734	164	25202	21.436	ug/l	96
65) Chlorobenzene	11.526	112	72161	20.664	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	25714	20.262	ug/l	97
67) Ethyl Benzene	11.605	91	132969	21.068	ug/l	98
68) m/p-Xylenes	11.715	106	101249	42.272	ug/l	100
69) o-Xylene	12.038	106	46858	21.244	ug/l	97
70) Styrene	12.057	104	76101	20.940	ug/l	98
71) Bromoform	12.221	173	13567	20.413	ug/l #	99
73) Isopropylbenzene	12.343	105	124954	20.929	ug/l	100
74) N-amyl acetate	12.154	43	25284	18.847	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	23444	19.965	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	27393	36.519	ug/l #	100
77) Bromobenzene	12.617	156	26571	20.064	ug/l	99
78) n-propylbenzene	12.678	91	154947	21.131	ug/l	99
79) 2-Chlorotoluene	12.770	91	83475	20.707	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	98676	20.781	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	6753	18.706	ug/l	94
82) 4-Chlorotoluene	12.867	91	85828	20.686	ug/l	99
83) tert-Butylbenzene	13.087	119	86616	21.281	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	97994	20.908	ug/l	99
85) sec-Butylbenzene	13.264	105	135954	21.371	ug/l	100
86) p-Isopropyltoluene	13.379	119	105639	20.781	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	53850	20.383	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	52941	20.626	ug/l	98
89) n-Butylbenzene	13.703	91	102166	21.138	ug/l	99
90) Hexachloroethane	13.971	117	21657	20.752	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	46148	20.519	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2842	18.580	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	22811	20.419	ug/l	97
94) Hexachlorobutadiene	15.123	225	14566	22.139	ug/l	100
95) Naphthalene	15.251	128	37049	19.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	19044	20.044	ug/l	98

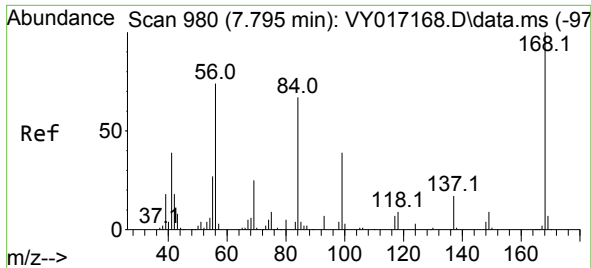
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Response via : Initial Calibration

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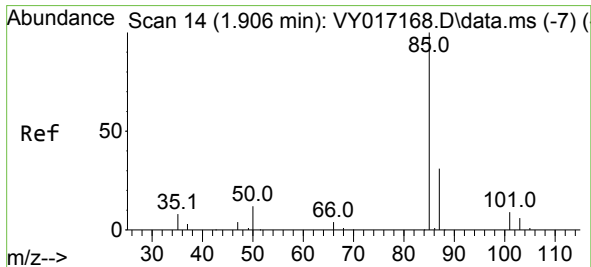
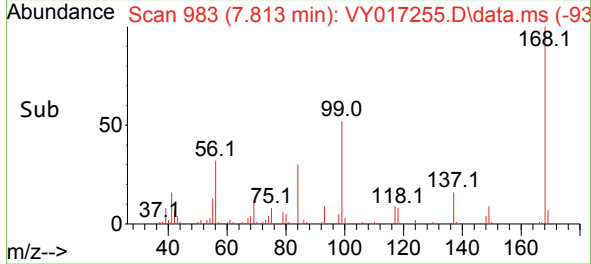
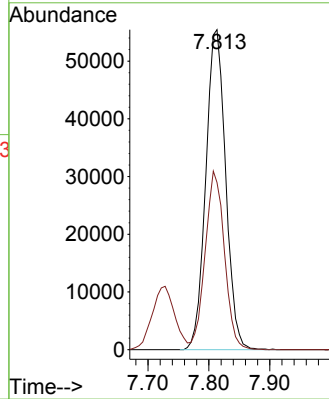
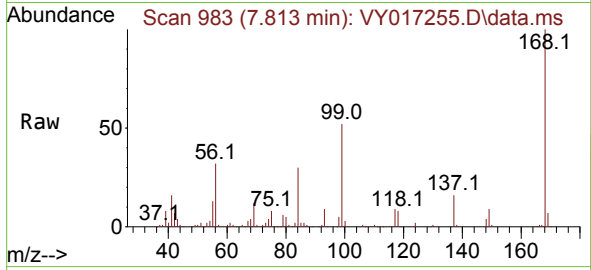
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017255.D
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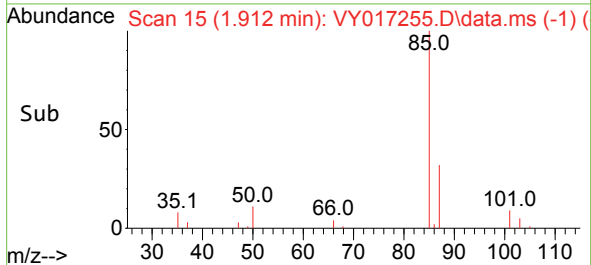
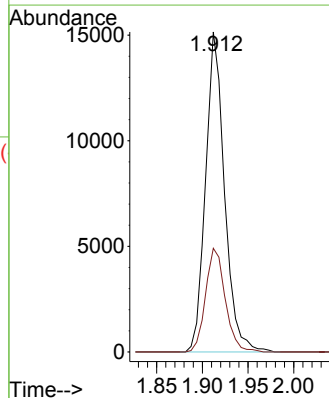
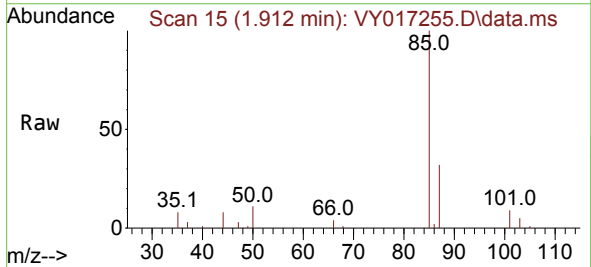
Instrument :
MSVOA_Y
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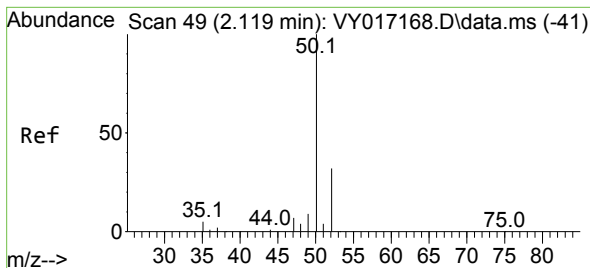
Tgt Ion:168 Resp: 125594
Ion Ratio Lower Upper
168 100
99 52.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 22.857 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 85 Resp: 21762
Ion Ratio Lower Upper
85 100
87 32.4 17.1 51.3





#3

Chloromethane

Concen: 19.681 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.007 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

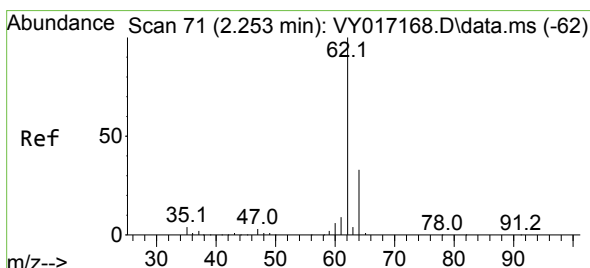
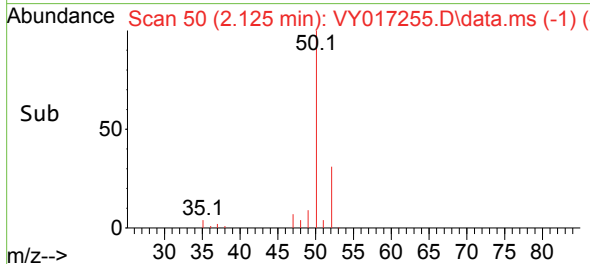
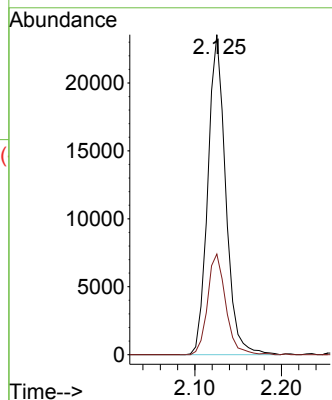
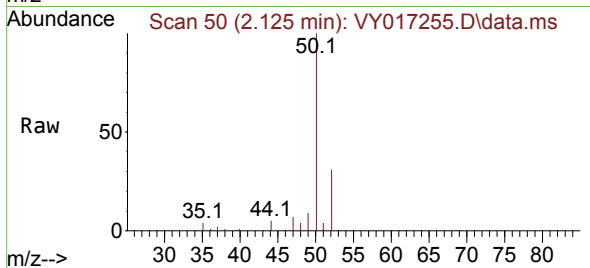
VY0206SBS01

Tgt Ion: 50 Resp: 33662

Ion Ratio Lower Upper

50 100

52 31.4 26.7 40.1



#4

Vinyl Chloride

Concen: 19.084 ug/l

RT: 2.266 min Scan# 73

Delta R.T. 0.013 min

Lab File: VY017255.D

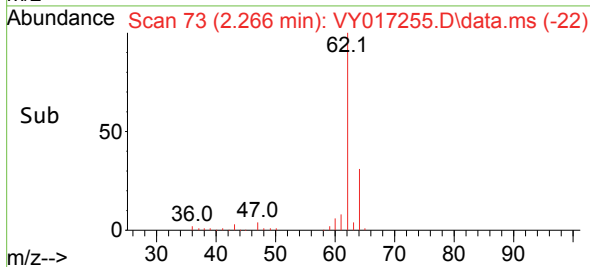
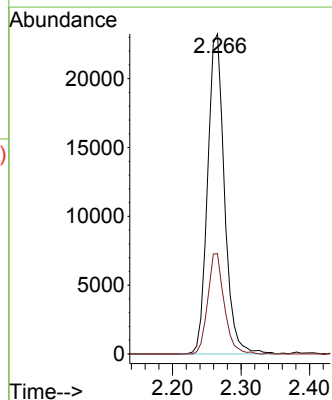
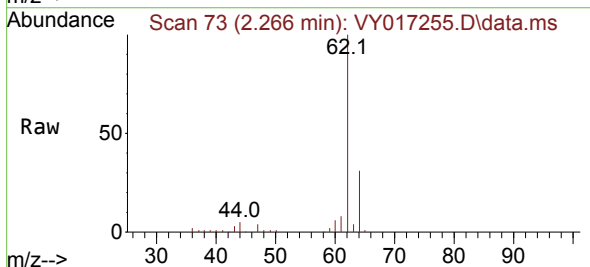
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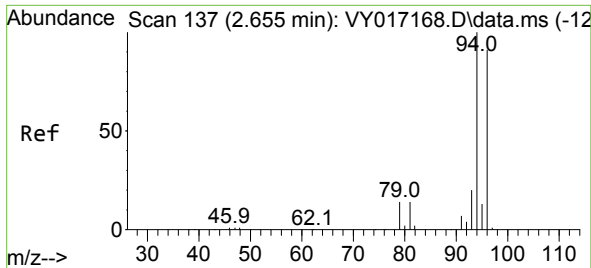
Tgt Ion: 62 Resp: 39778

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 19.479 ug/l

RT: 2.662 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

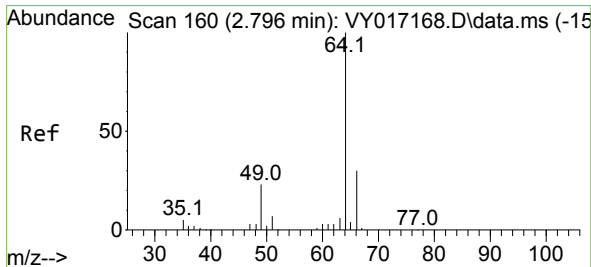
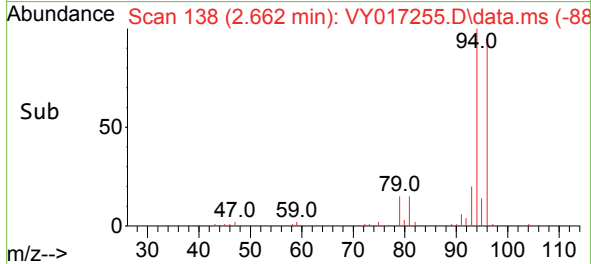
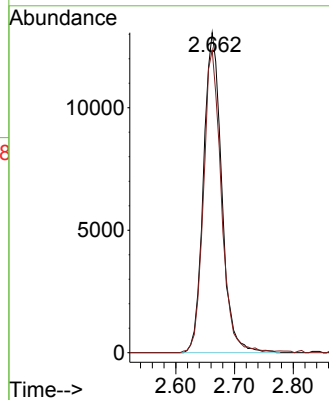
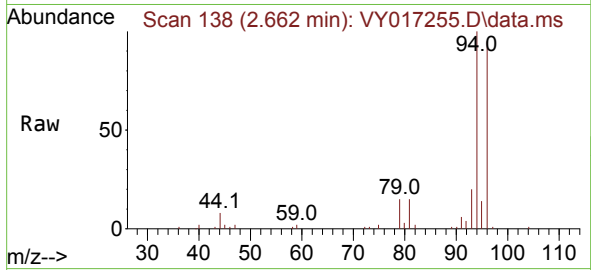
VY0206SBS01

Tgt Ion: 94 Resp: 28143

Ion Ratio Lower Upper

94 100

96 94.6 77.3 115.9



#6

Chloroethane

Concen: 18.832 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.013 min

Lab File: VY017255.D

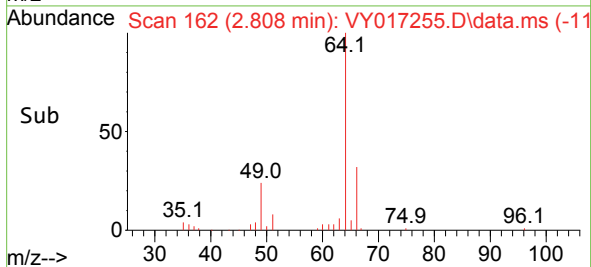
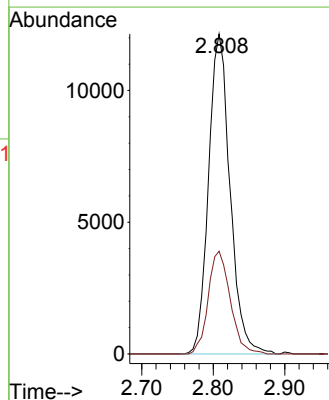
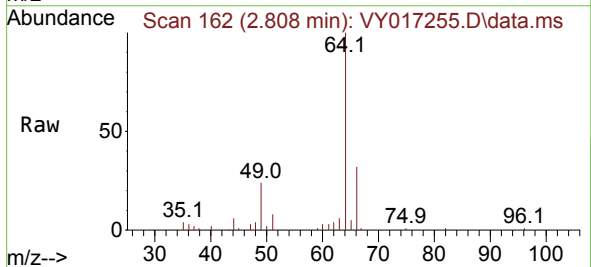
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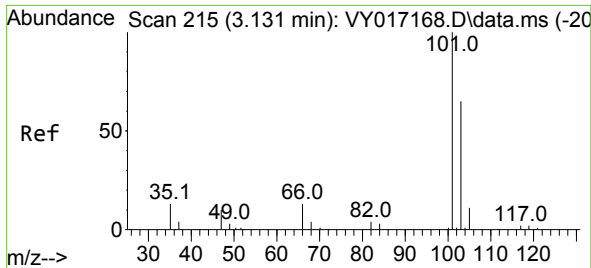
Tgt Ion: 64 Resp: 25344

Ion Ratio Lower Upper

64 100

66 32.1 25.1 37.7

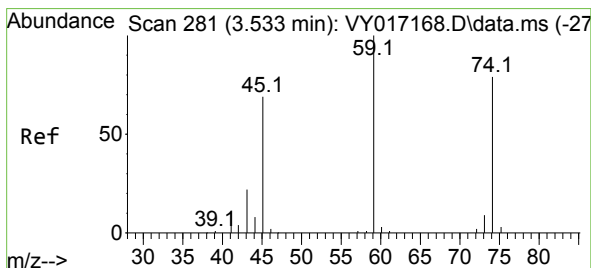
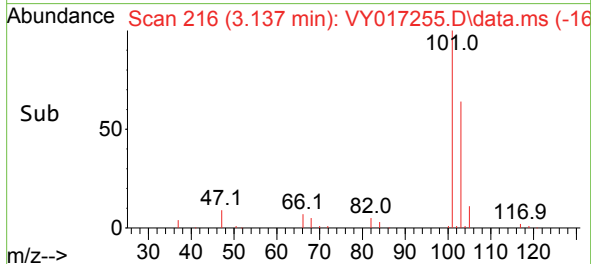
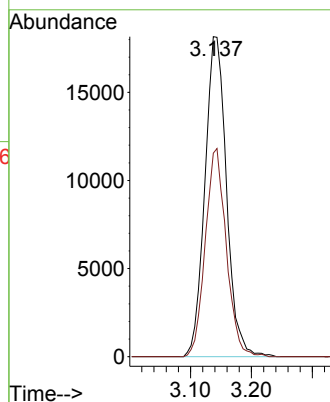
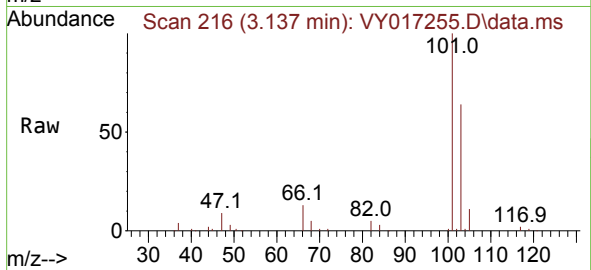




#7
 Trichlorofluoromethane
 Concen: 20.896 ug/l
 RT: 3.137 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VY017255.D
 Acq: 06 Feb 2024 11:19

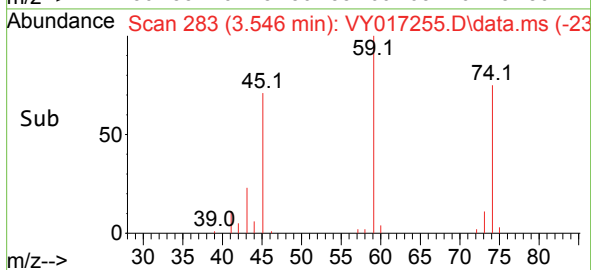
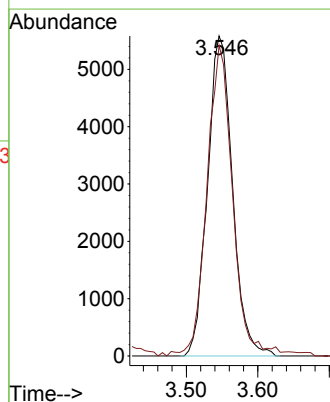
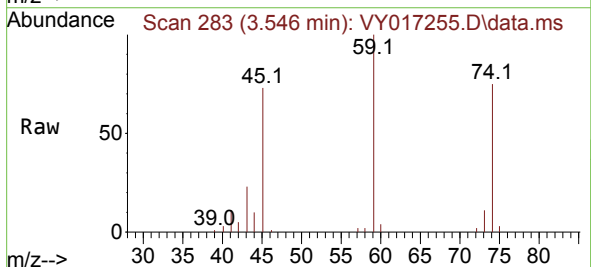
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

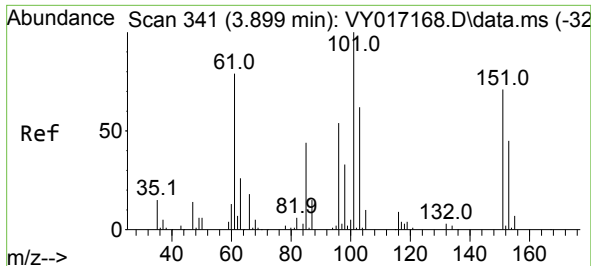
Tgt Ion:101 Resp: 44785
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.143 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.013 min
 Lab File: VY017255.D
 Acq: 06 Feb 2024 11:19

Tgt Ion: 74 Resp: 13580
 Ion Ratio Lower Upper
 74 100
 45 100.5 47.9 143.7

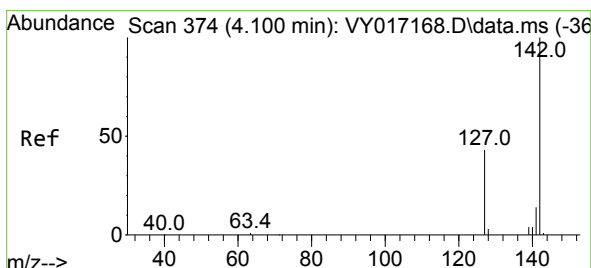
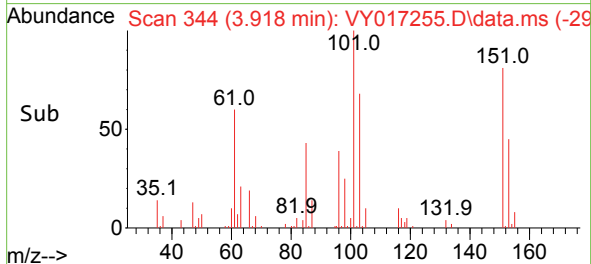
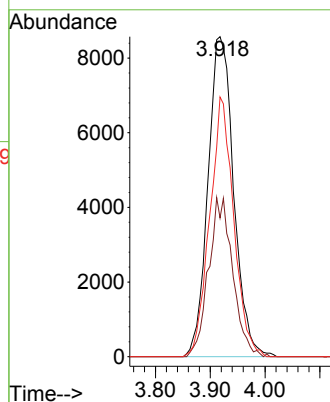
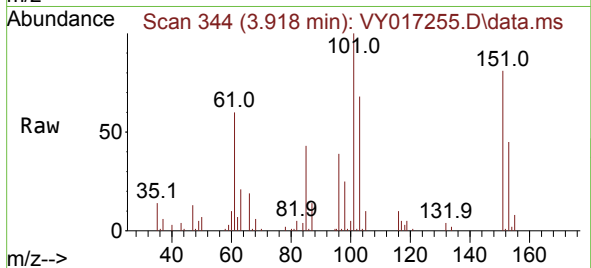




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.477 ug/l
RT: 3.918 min Scan# 341
Delta R.T. 0.019 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

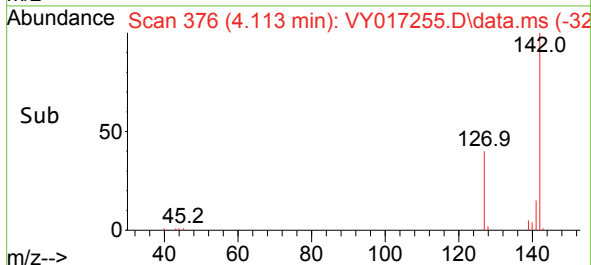
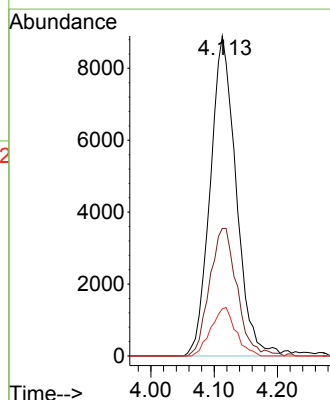
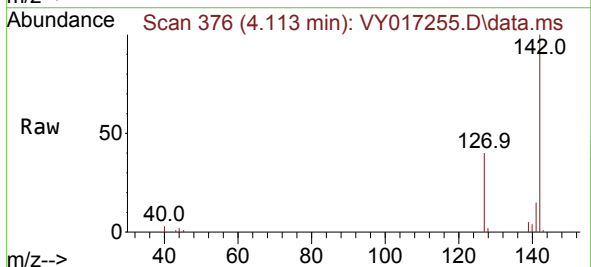
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

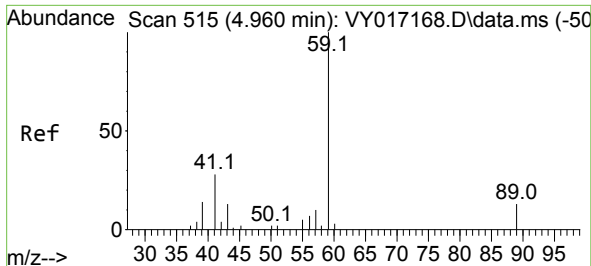
Tgt Ion:	101	Resp:	27904
Ion	Ratio	Lower	Upper
101	100		
85	46.7	35.8	53.6
151	75.7	58.6	88.0



#10
Methyl Iodide
Concen: 18.473 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion:	142	Resp:	25232
Ion	Ratio	Lower	Upper
142	100		
127	42.5	35.1	52.7
141	14.6	11.8	17.6

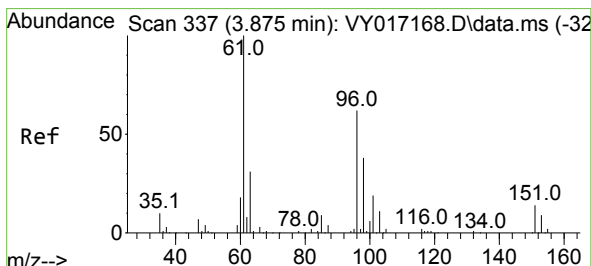
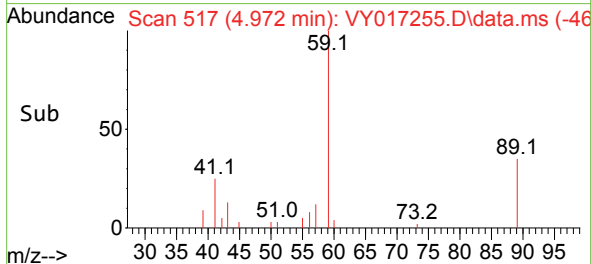
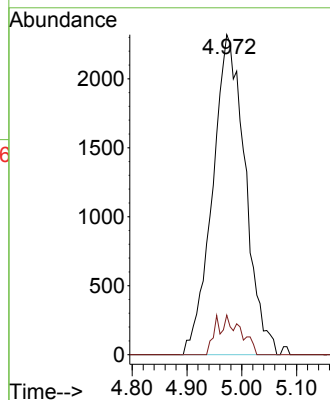
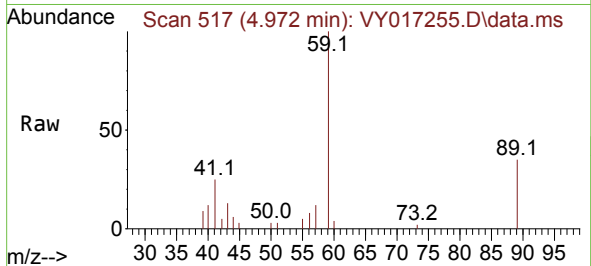




#11
Tert butyl alcohol
Concen: 91.169 ug/l
RT: 4.972 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

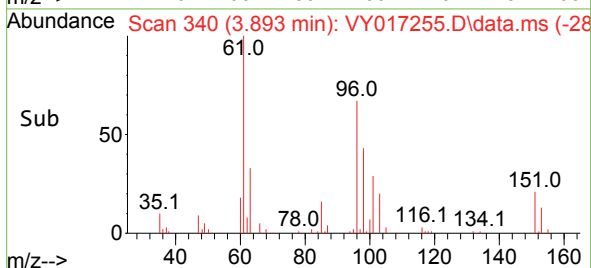
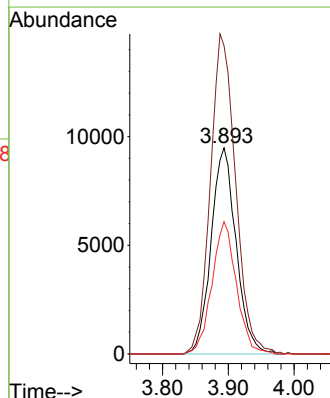
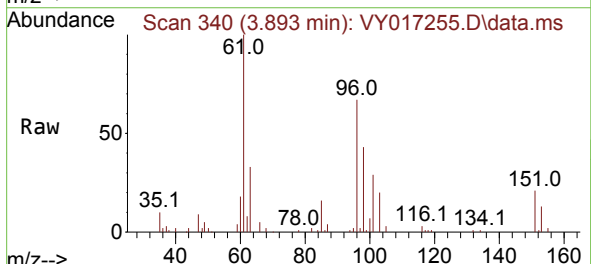
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

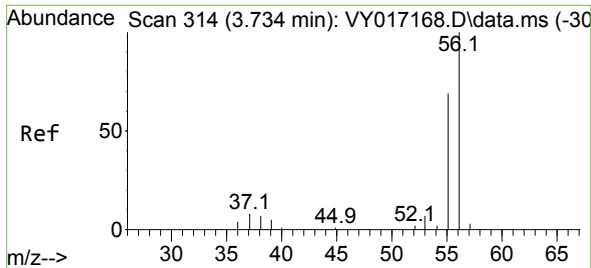
Tgt Ion: 59 Resp: 9599
Ion Ratio Lower Upper
59 100
57 2.5 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 20.592 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.019 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 96 Resp: 25069
Ion Ratio Lower Upper
96 100
61 149.5 124.2 186.2
98 64.1 52.6 79.0





#13

Acrolein

Concen: 101.501 ug/l

RT: 3.753 min Scan# 314

Delta R.T. 0.019 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

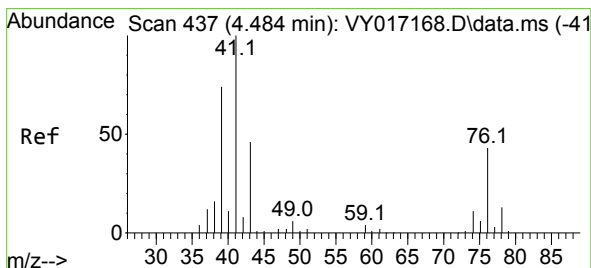
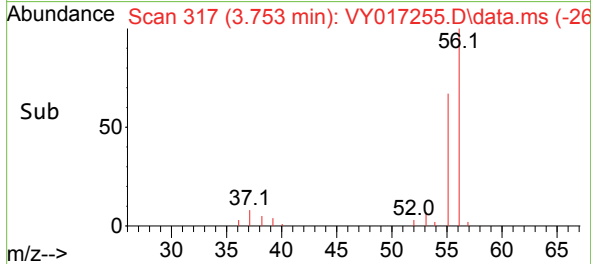
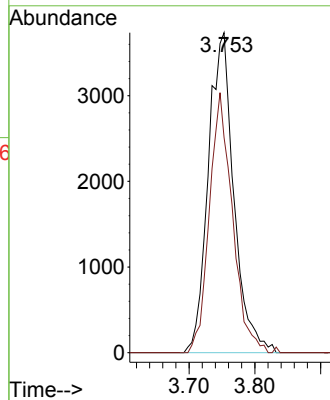
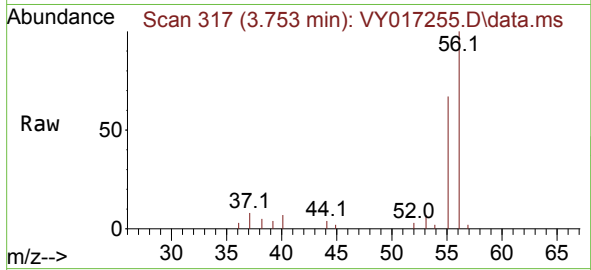
VY0206SBS01

Tgt Ion: 56 Resp: 10083

Ion Ratio Lower Upper

56 100

55 73.3 55.4 83.0



#14

Allyl chloride

Concen: 20.571 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.019 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

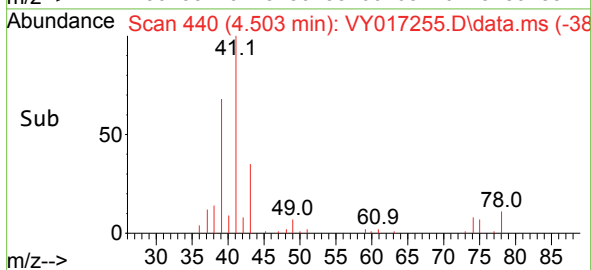
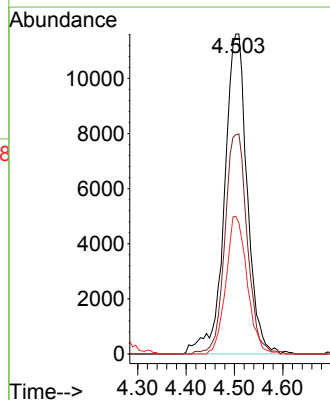
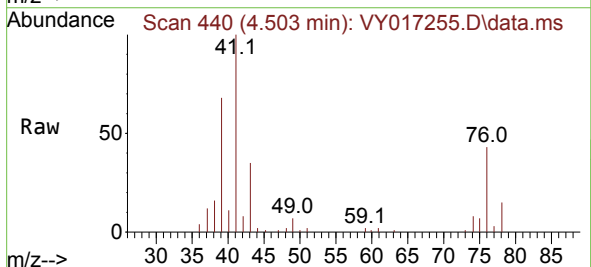
Tgt Ion: 41 Resp: 37859

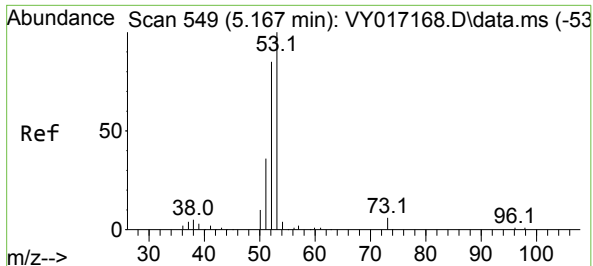
Ion Ratio Lower Upper

41 100

39 67.6 54.7 82.1

76 40.2 31.8 47.6

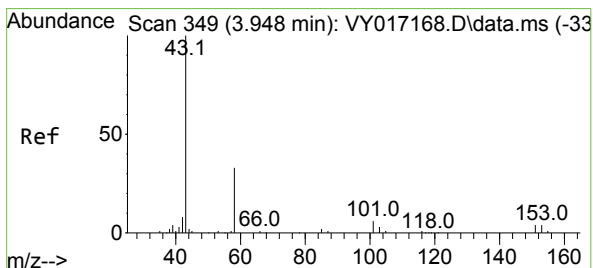
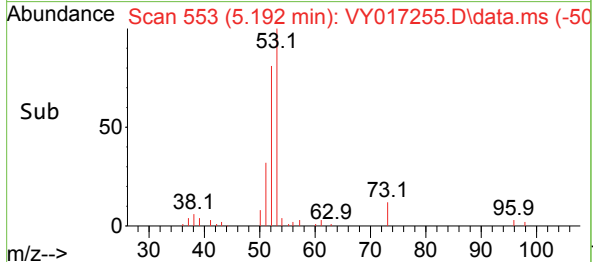
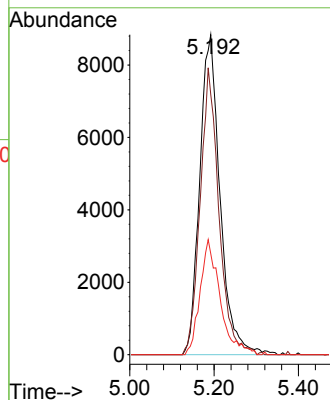
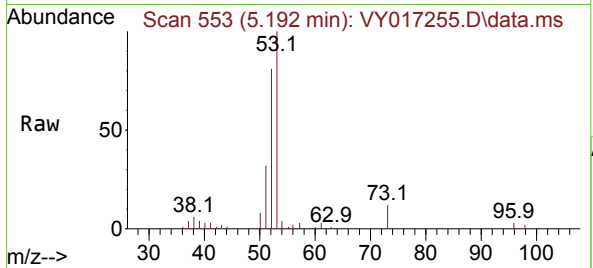




#15
Acrylonitrile
Concen: 97.848 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

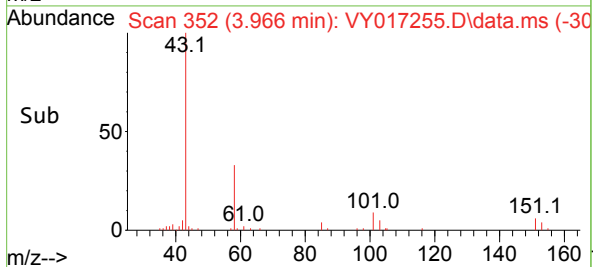
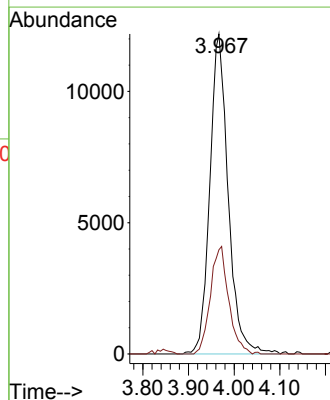
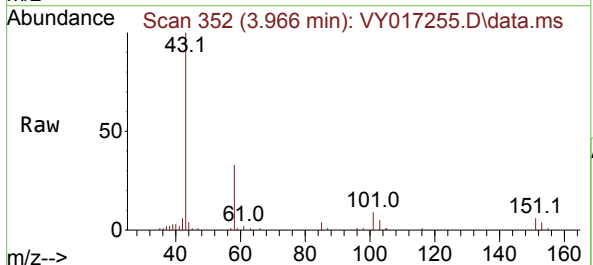
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

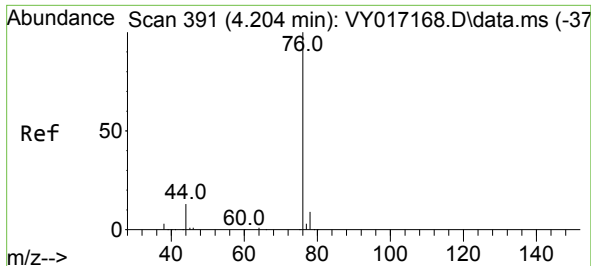
Tgt Ion: 53	Resp:	29701
Ion	Ratio	Lower Upper
53	100	
52	82.6	65.1 97.7
51	35.5	29.0 43.4



#16
Acetone
Concen: 103.092 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.019 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 43	Resp:	33996
Ion	Ratio	Lower Upper
43	100	
58	32.5	26.6 39.8

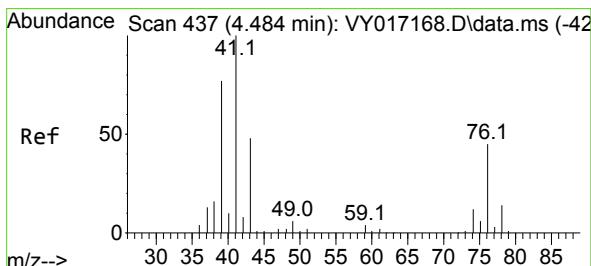
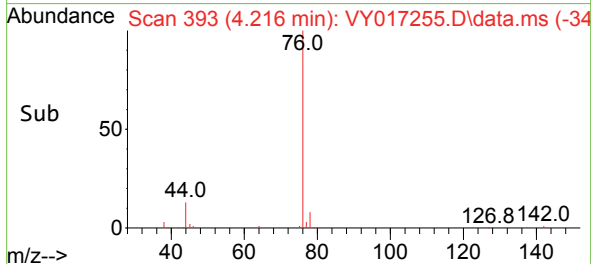
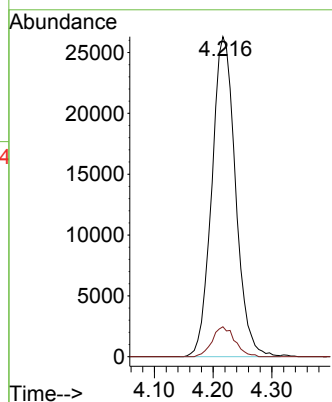
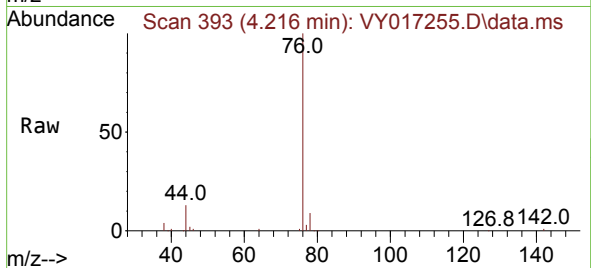




#17
Carbon Disulfide
Concen: 18.966 ug/l
RT: 4.216 min Scan# 391
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

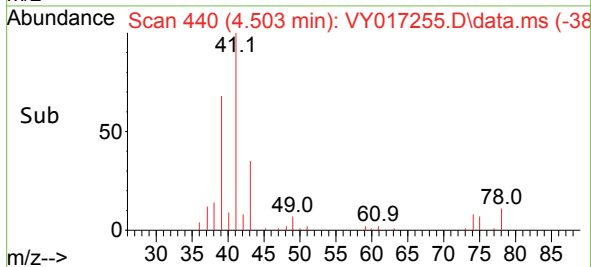
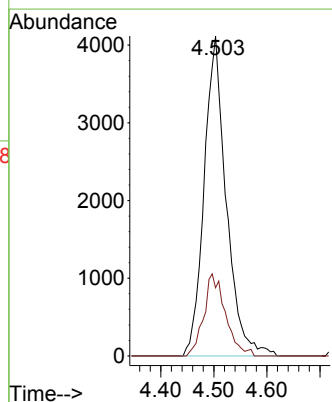
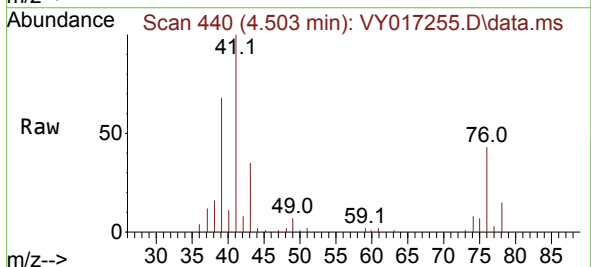
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

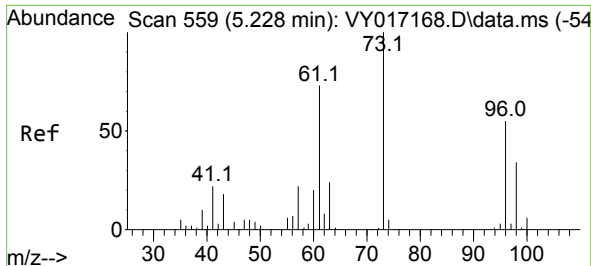
Tgt Ion: 76 Resp: 73706
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 16.188 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.019 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 43 Resp: 11909
Ion Ratio Lower Upper
43 100
74 25.1 19.8 29.6

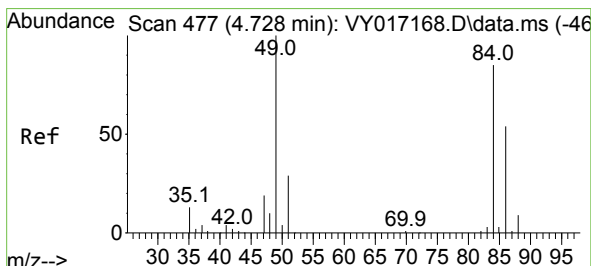
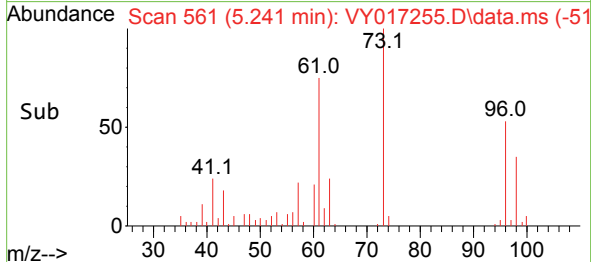
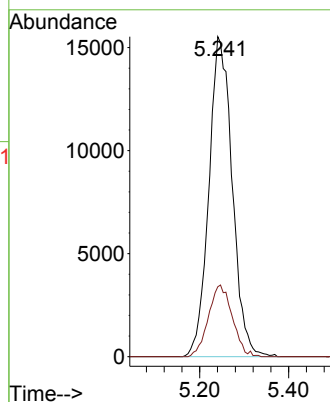
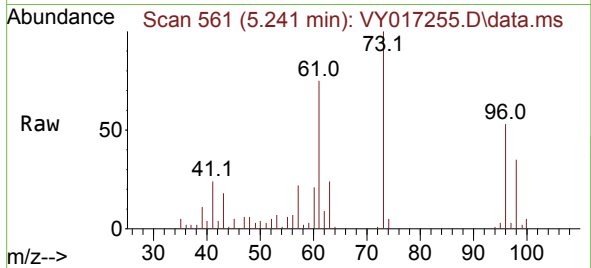




#19
Methyl tert-butyl Ether
Concen: 19.297 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

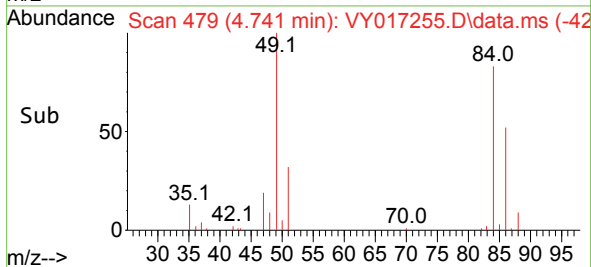
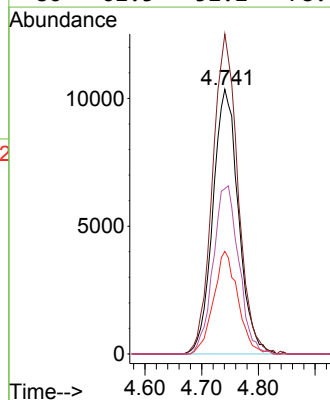
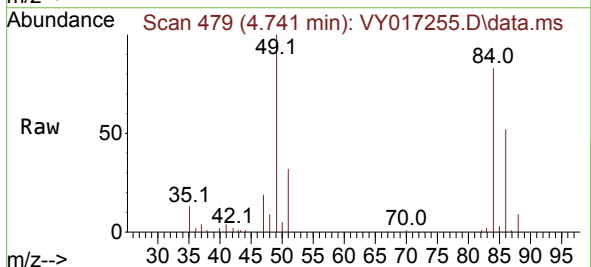
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

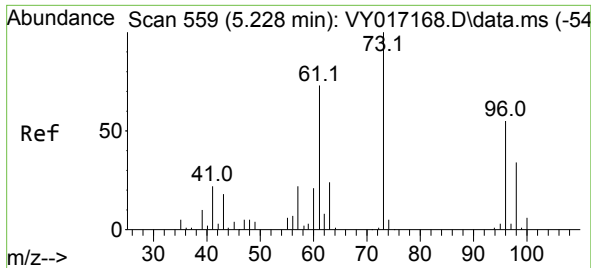
Tgt Ion: 73 Resp: 56578
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 22.074 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 84 Resp: 32456
Ion Ratio Lower Upper
84 100
49 120.9 95.2 142.8
51 38.8 29.9 44.9
86 62.5 52.2 78.4

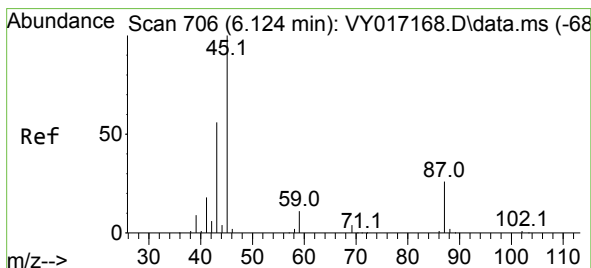
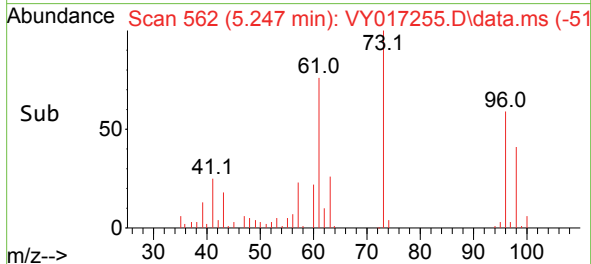
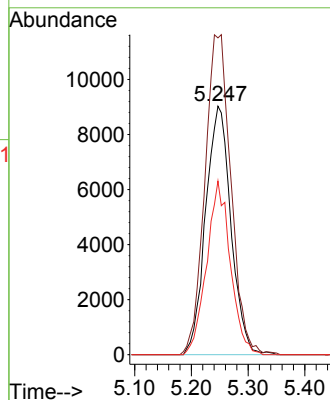
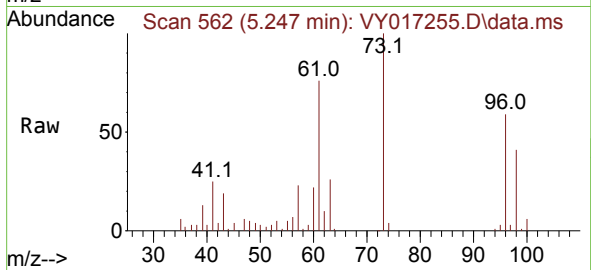




#21
trans-1,2-Dichloroethene
Concen: 20.219 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

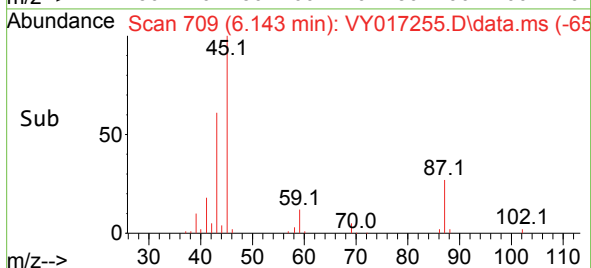
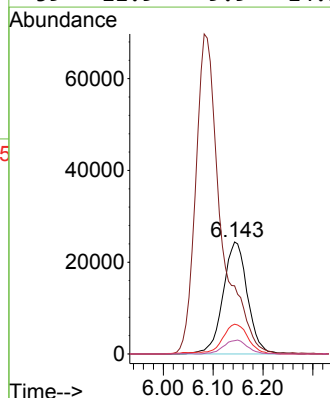
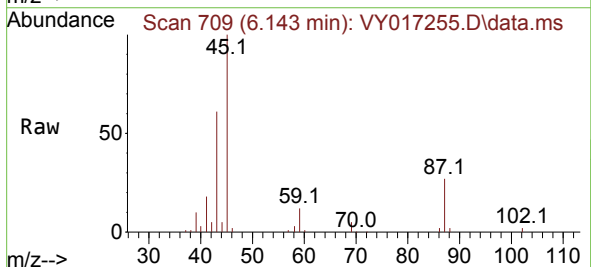
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

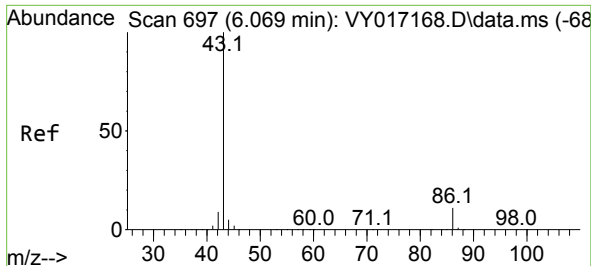
Tgt Ion: 96 Resp: 28002
Ion Ratio Lower Upper
96 100
61 127.5 104.6 156.8
98 69.9 50.9 76.3



#22
Diisopropyl ether
Concen: 20.471 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.019 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 45 Resp: 82738
Ion Ratio Lower Upper
45 100
43 59.9 46.8 70.2
87 26.6 22.2 33.2
59 11.9 9.9 14.9

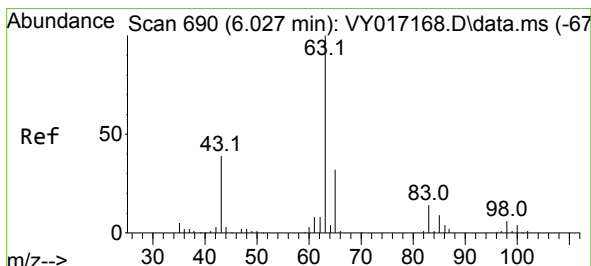
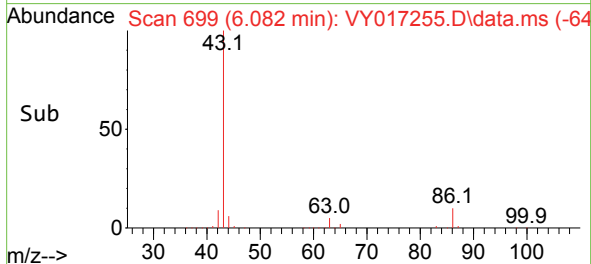
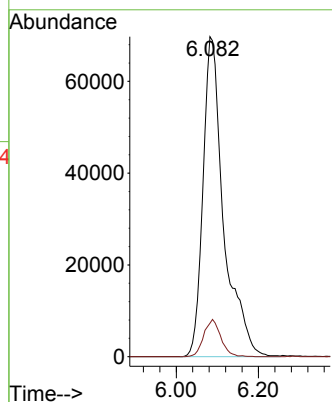
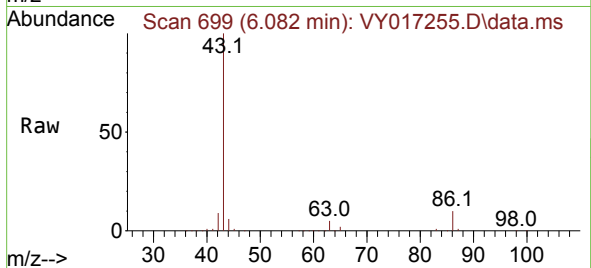




#23
 Vinyl Acetate
 Concen: 99.580 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.013 min
 Lab File: VY017255.D
 Acq: 06 Feb 2024 11:19

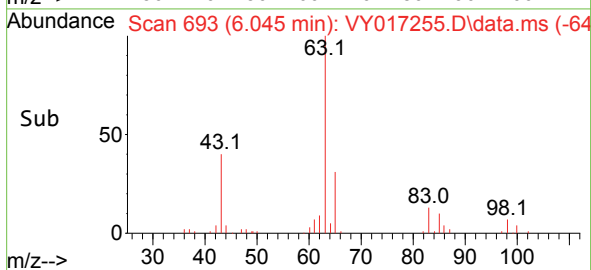
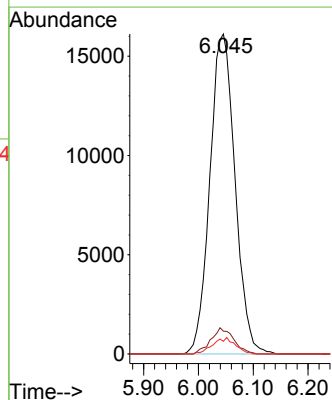
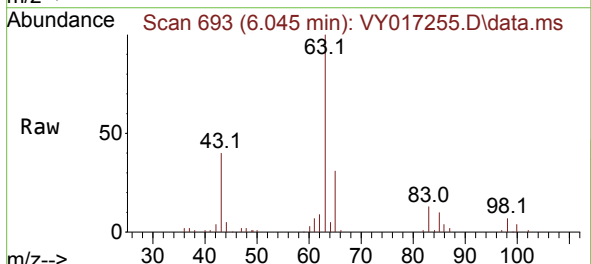
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

Tgt Ion: 43 Resp: 243863
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.782 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.019 min
 Lab File: VY017255.D
 Acq: 06 Feb 2024 11:19

Tgt Ion: 63 Resp: 51453
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 3.9 2.1 6.2





#25

2-Butanone

Concen: 98.289 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.019 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

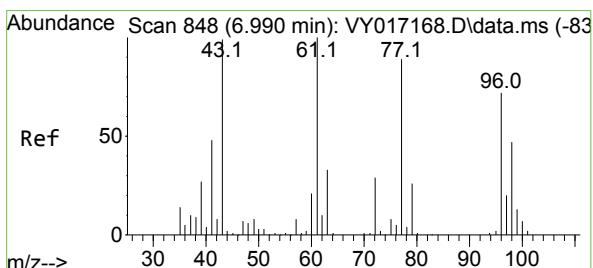
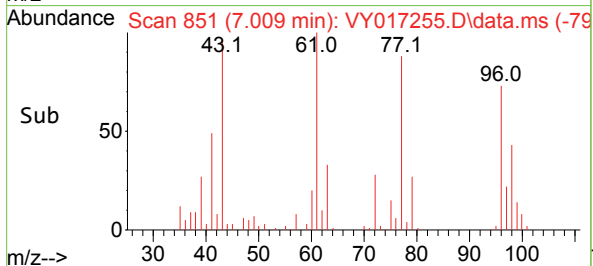
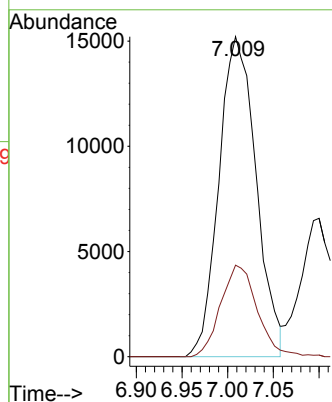
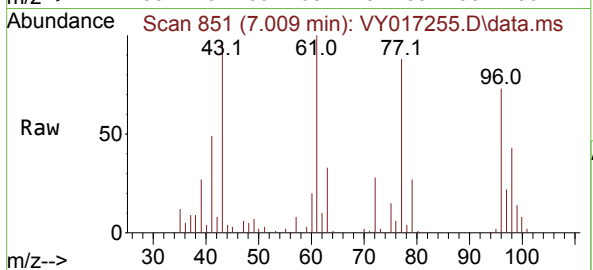
VY0206SBS01

Tgt Ion: 43 Resp: 43088

Ion Ratio Lower Upper

43 100

72 28.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 20.571 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.019 min

Lab File: VY017255.D

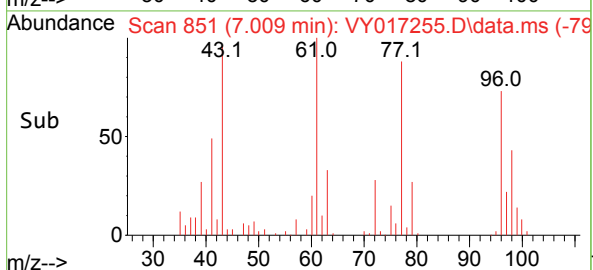
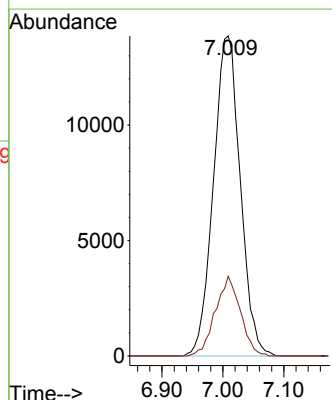
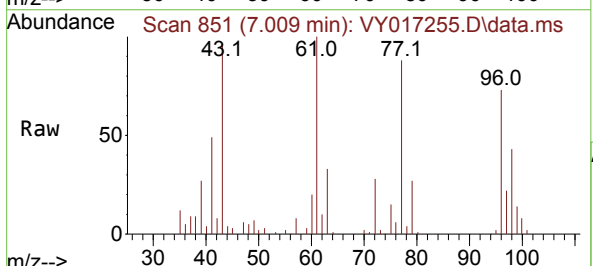
Acq: 06 Feb 2024 11:19

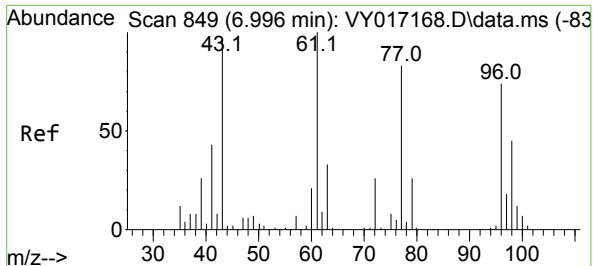
Tgt Ion: 77 Resp: 42365

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0

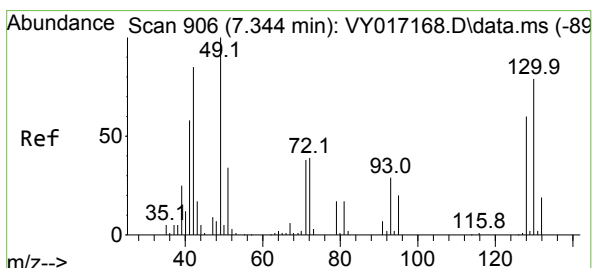
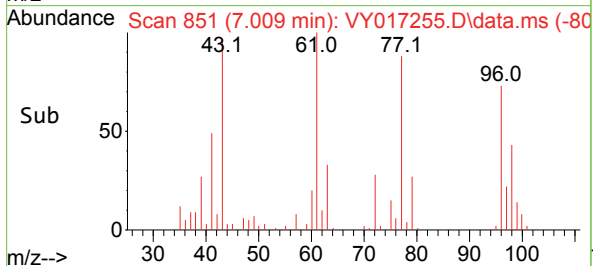
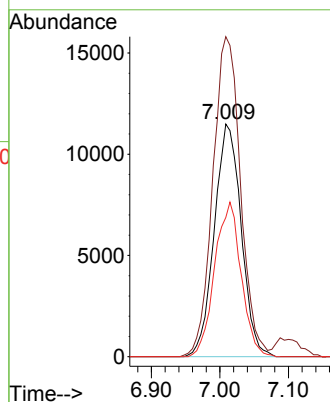
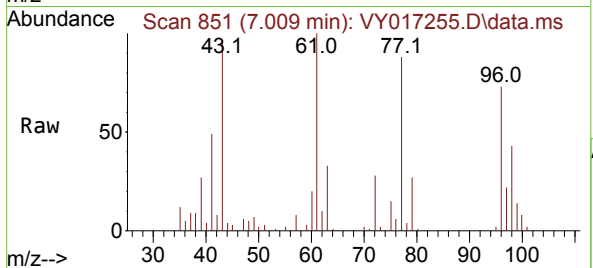




#27
 cis-1,2-Dichloroethene
 Concen: 20.212 ug/l
 RT: 7.009 min Scan# 81
 Delta R.T. 0.013 min
 Lab File: VY017255.D
 Acq: 06 Feb 2024 11:19

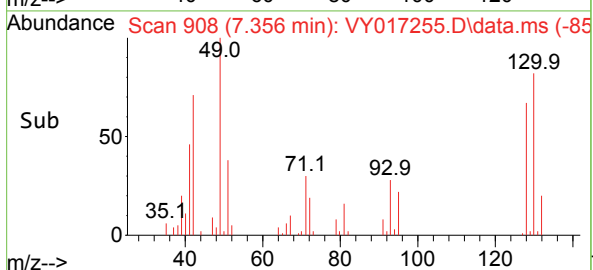
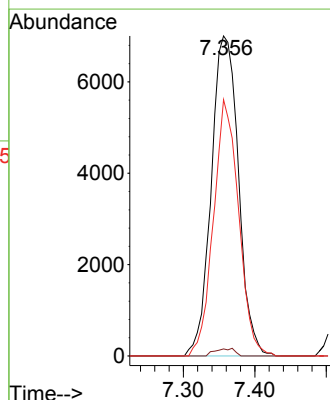
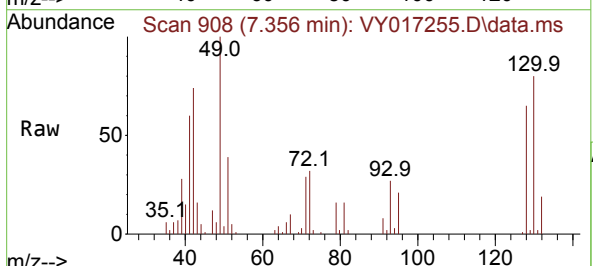
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

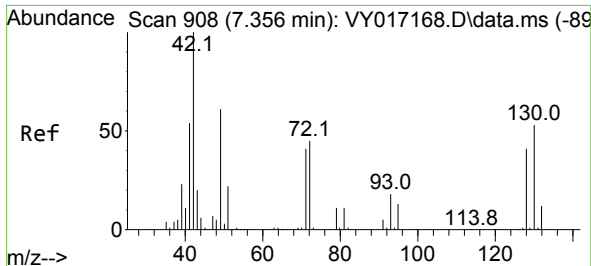
Tgt Ion: 96 Resp: 31307
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 278.8
 98 65.3 0.0 127.0



#28
 Bromochloromethane
 Concen: 19.520 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. 0.013 min
 Lab File: VY017255.D
 Acq: 06 Feb 2024 11:19

Tgt Ion: 49 Resp: 18505
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 74.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 90.987 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.013 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

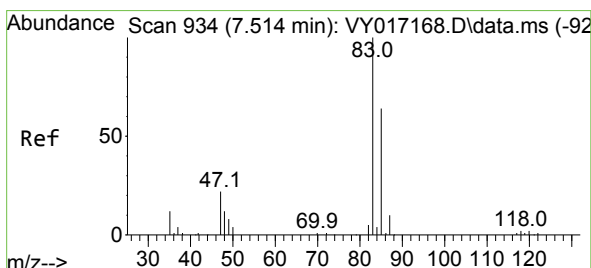
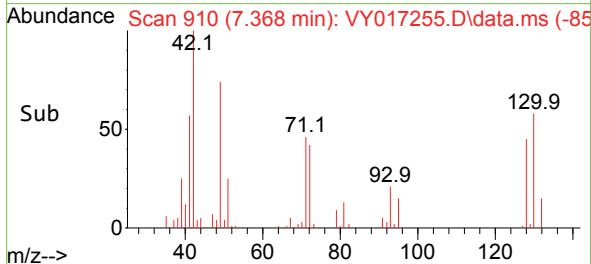
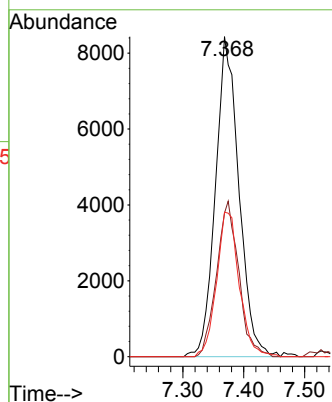
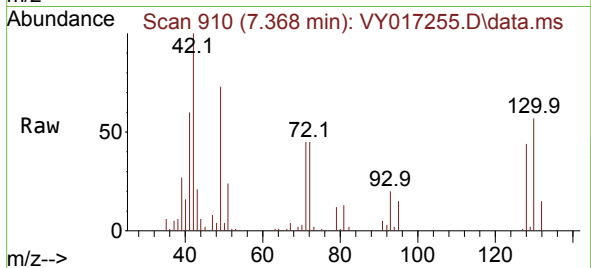
Tgt Ion: 42 Resp: 22532

Ion Ratio Lower Upper

42 100

72 46.0 36.6 54.8

71 43.9 33.8 50.6



#30

Chloroform

Concen: 20.981 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.013 min

Lab File: VY017255.D

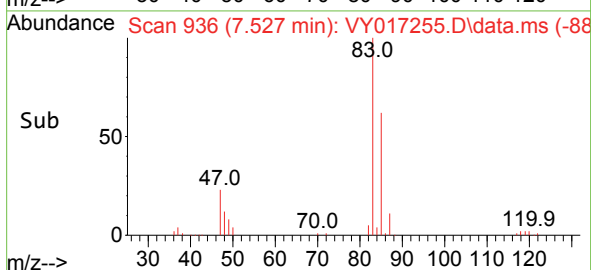
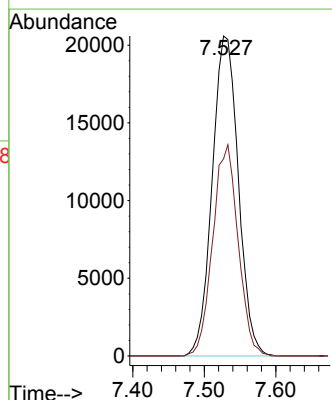
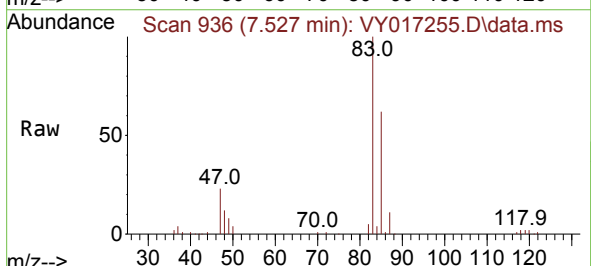
Acq: 06 Feb 2024 11:19

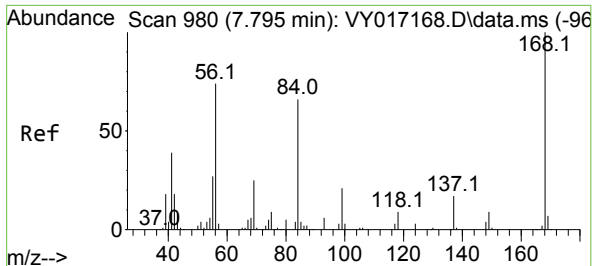
Tgt Ion: 83 Resp: 52256

Ion Ratio Lower Upper

83 100

85 61.6 51.2 76.8

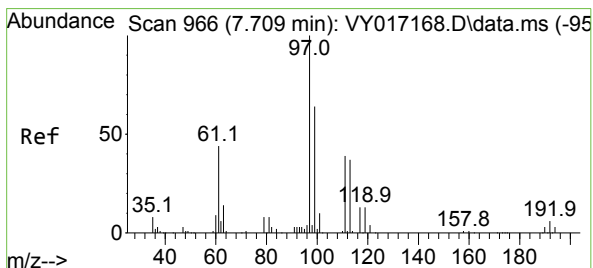
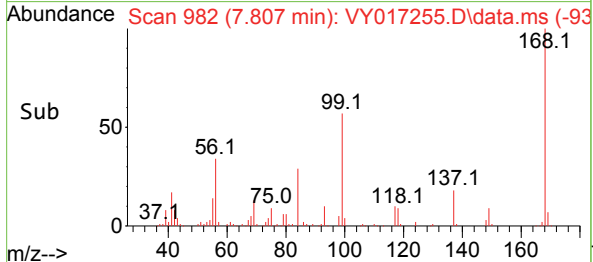
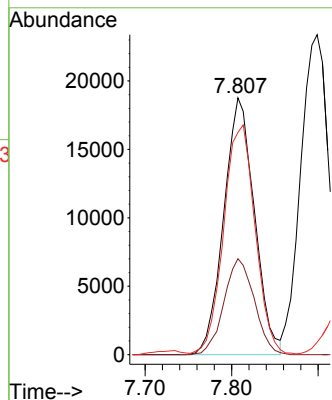
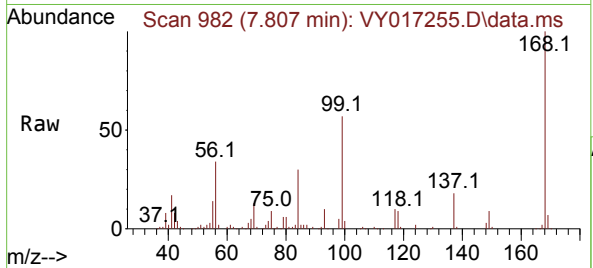




#31
Cyclohexane
Concen: 20.448 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

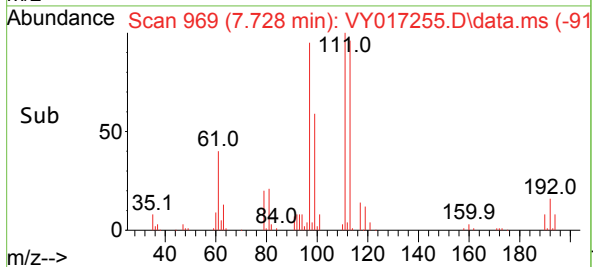
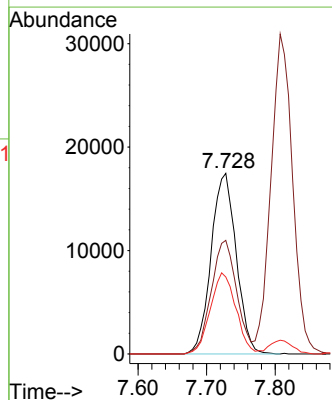
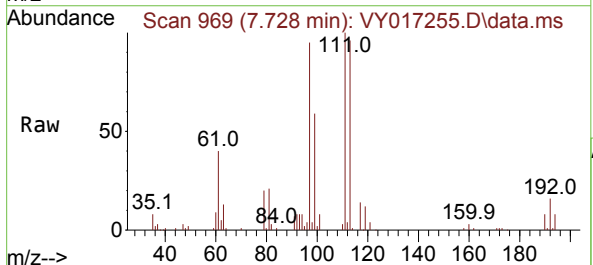
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

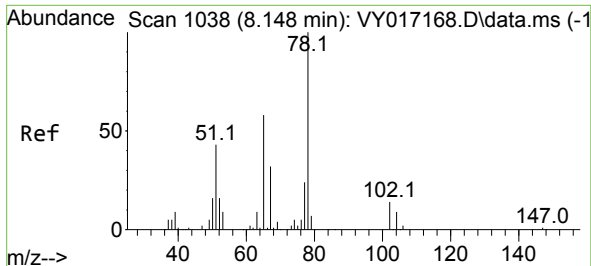
Tgt Ion: 56 Resp: 46242
Ion Ratio Lower Upper
56 100
69 37.4 27.0 40.6
84 85.5 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.743 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.019 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 97 Resp: 44440
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 45.5 35.0 52.6

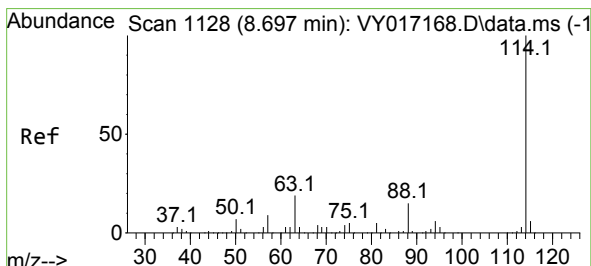
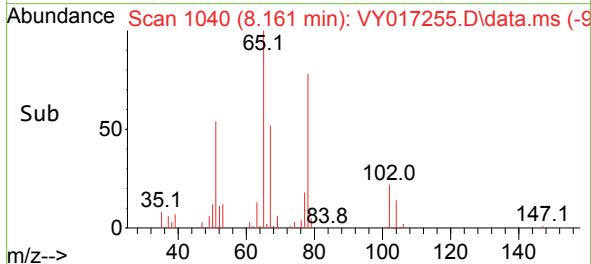
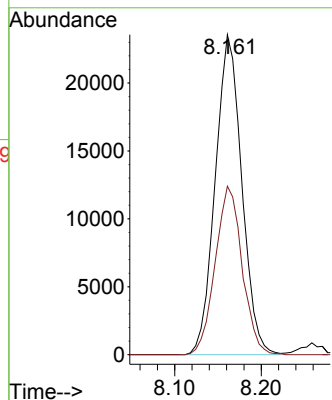
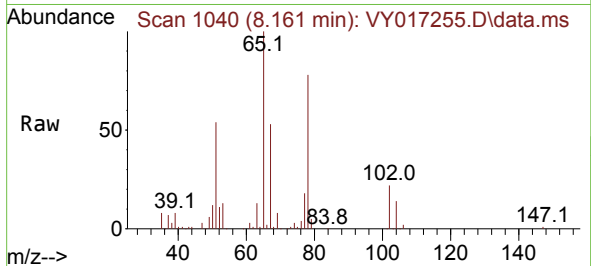




#33
1,2-Dichloroethane-d4
Concen: 44.650 ug/l
RT: 8.161 min Scan# 110
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

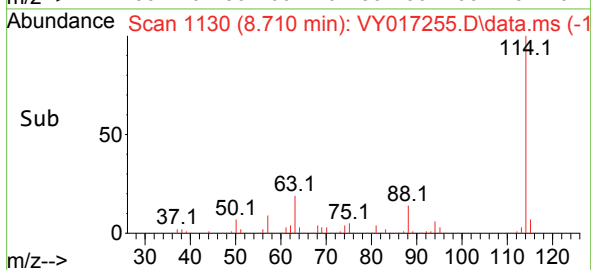
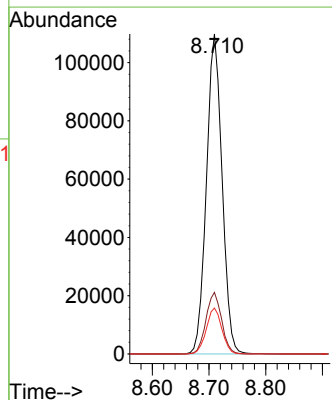
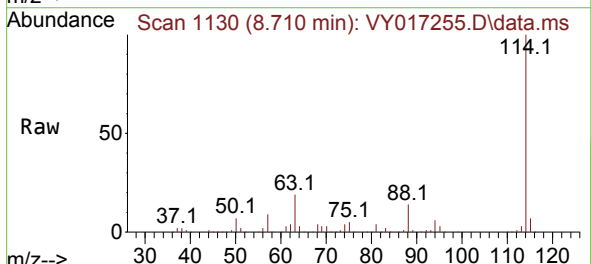
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tgt Ion: 65 Resp: 50096
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.710 min Scan# 1130
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 114 Resp: 210454
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.4
88 14.3 0.0 29.0

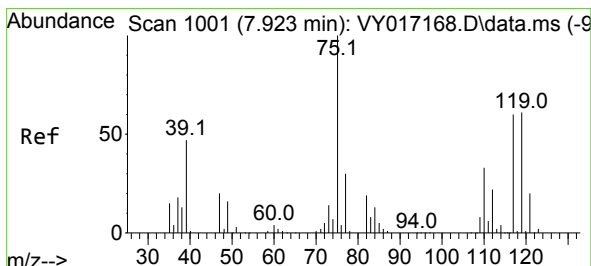
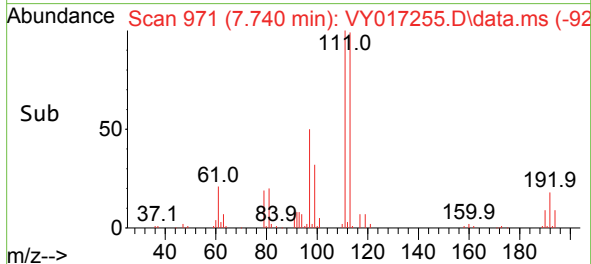
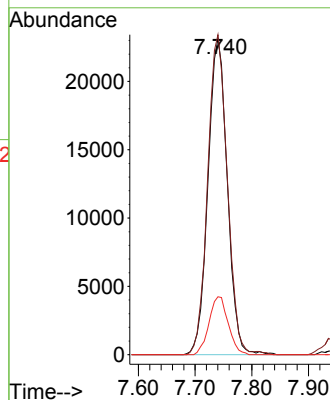
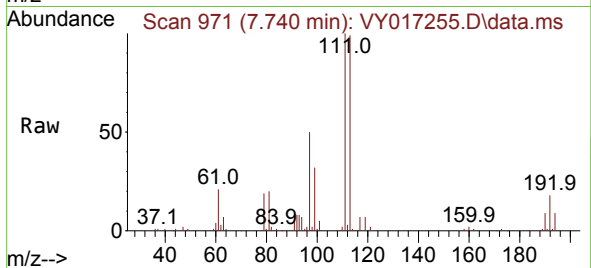




#35
Dibromofluoromethane
Concen: 48.251 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

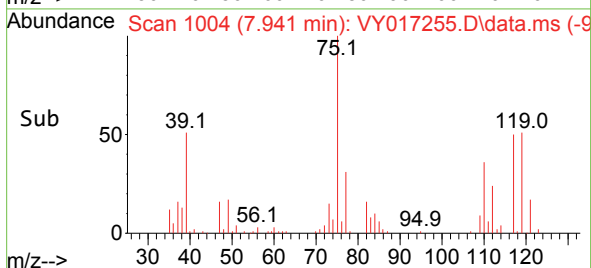
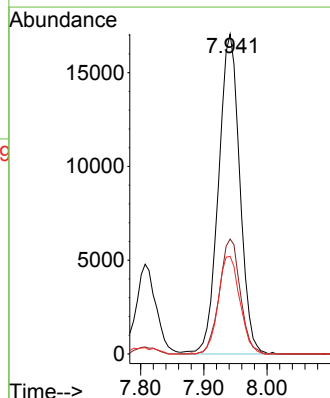
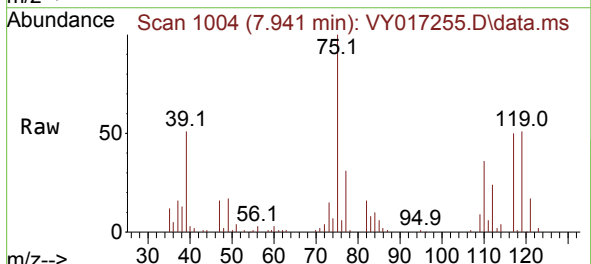
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

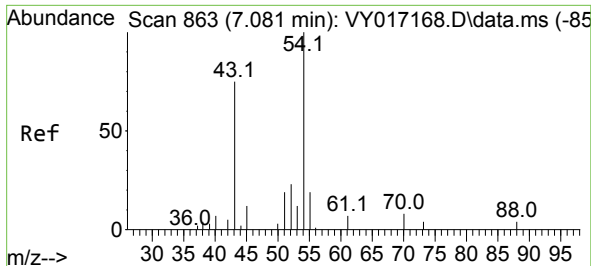
Tgt Ion:113 Resp: 54829
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 20.251 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.019 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 75 Resp: 39694
Ion Ratio Lower Upper
75 100
110 35.3 17.4 52.3
77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 19.461 ug/l

RT: 7.100 min Scan# 80

Delta R.T. 0.019 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

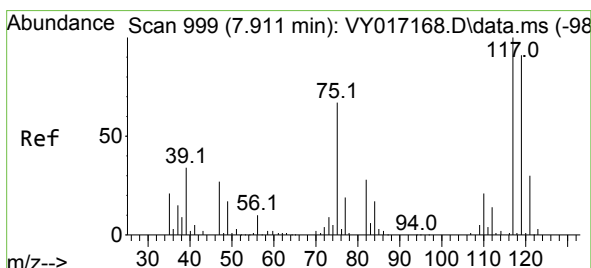
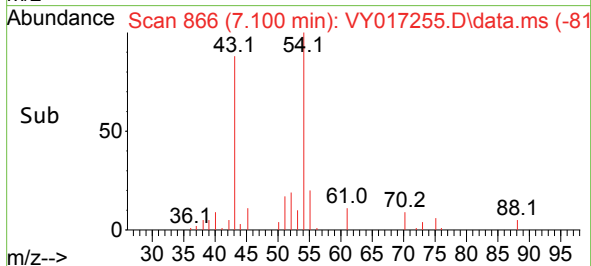
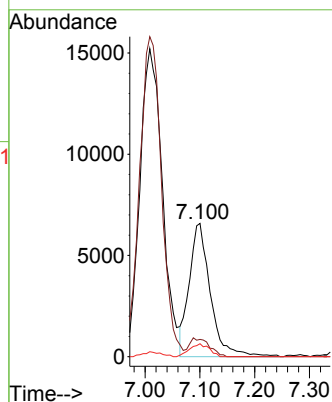
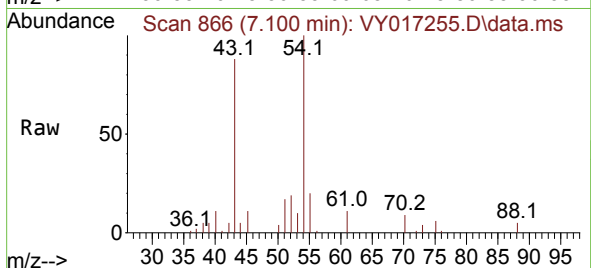
Tgt Ion: 43 Resp: 17692

Ion Ratio Lower Upper

43 100

61 13.3 11.0 16.6

70 8.9 8.1 12.1



#38

Carbon Tetrachloride

Concen: 21.157 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.013 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

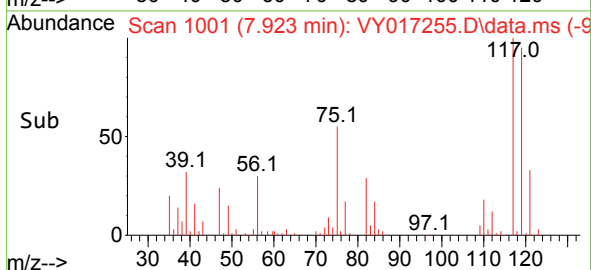
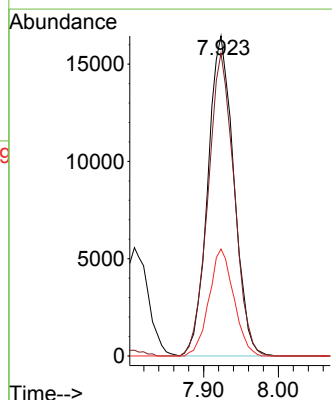
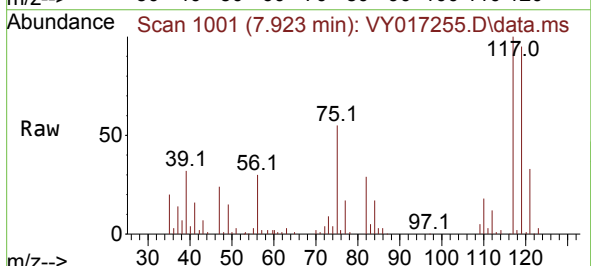
Tgt Ion: 117 Resp: 39705

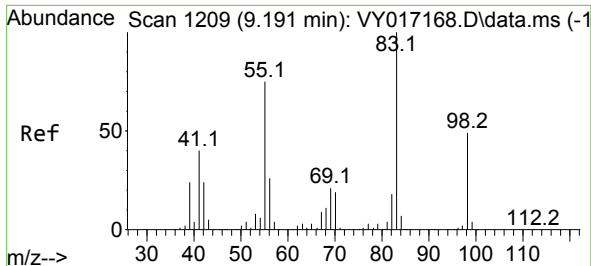
Ion Ratio Lower Upper

117 100

119 94.7 76.0 114.0

121 33.4 24.2 36.2

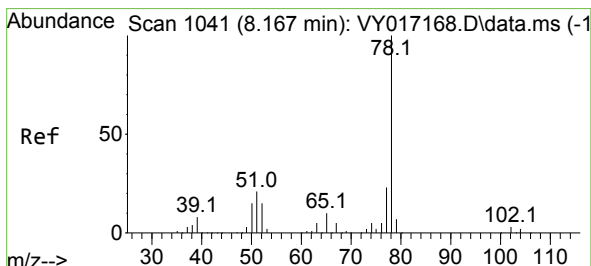
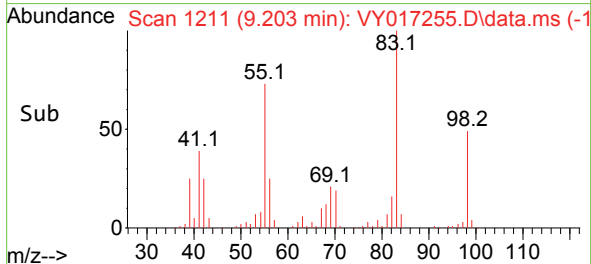
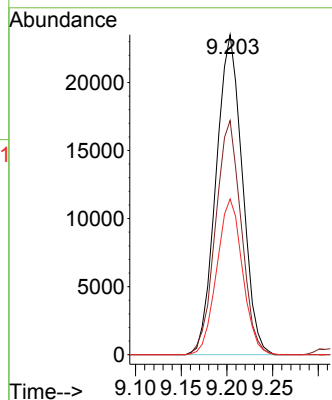
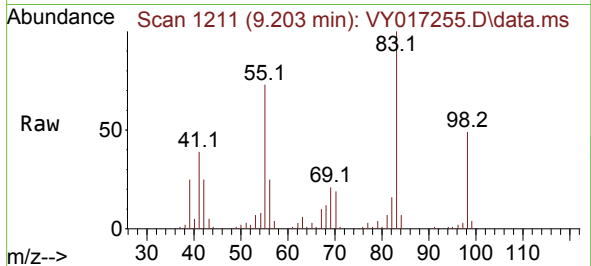




#39
Methylcyclohexane
Concen: 20.516 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

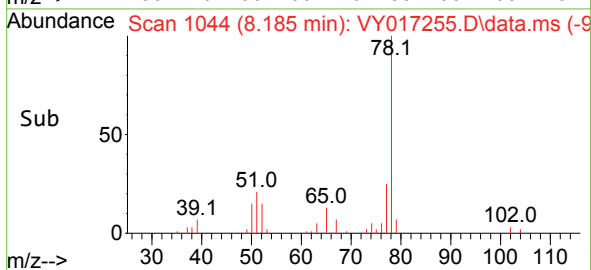
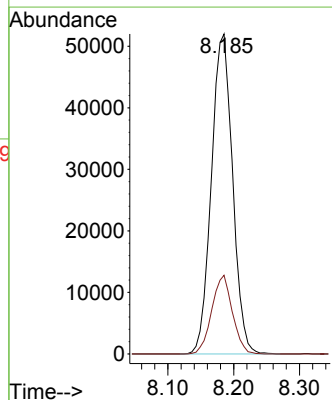
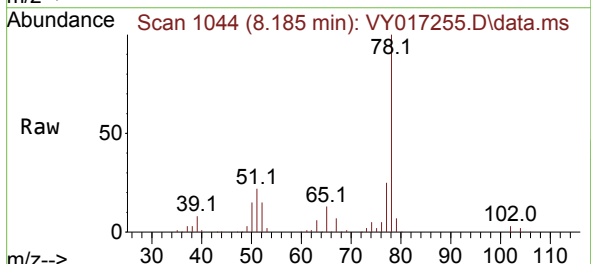
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

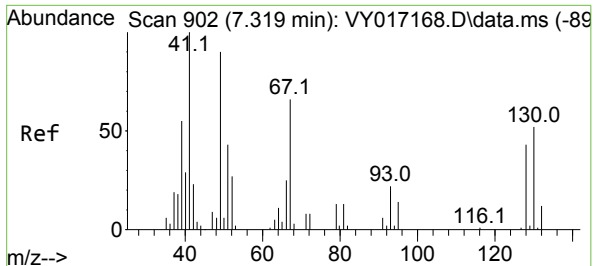
Tgt Ion: 83 Resp: 46979
Ion Ratio Lower Upper
83 100
55 73.2 59.7 89.5
98 48.7 38.0 57.0



#40
Benzene
Concen: 20.849 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.019 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 78 Resp: 116702
Ion Ratio Lower Upper
78 100
77 24.6 18.8 28.2

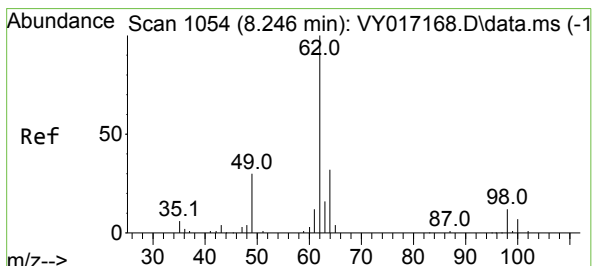
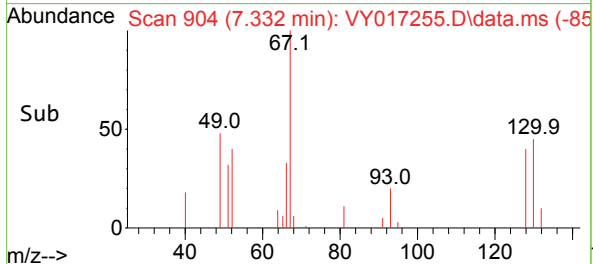
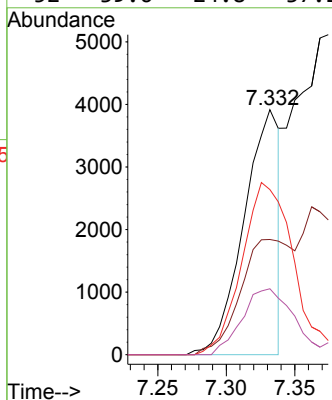
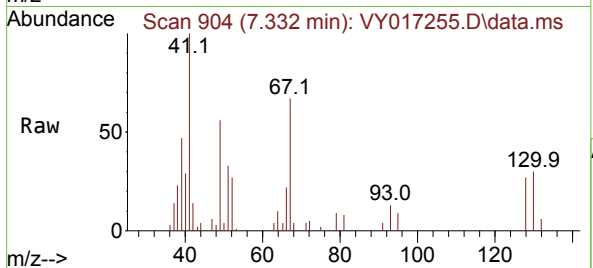




#41
Methacrylonitrile
Concen: 16.560 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

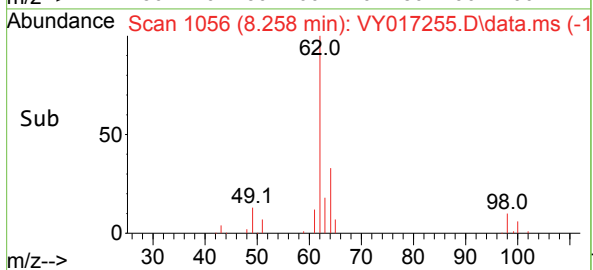
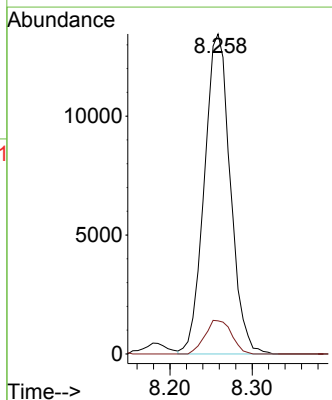
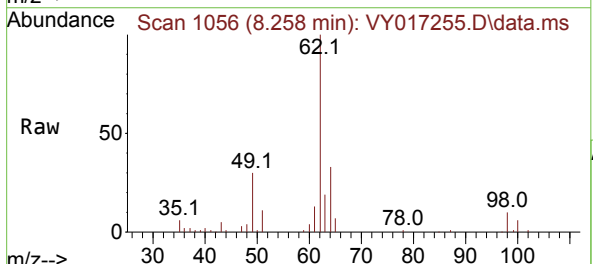
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

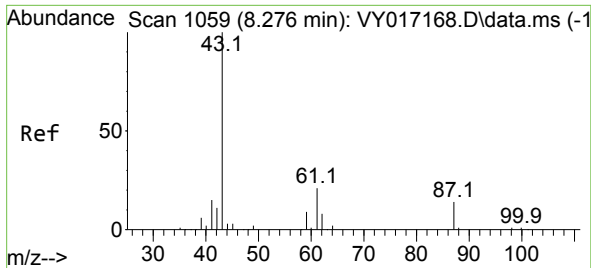
Tgt Ion: 41	Resp: 7133
Ion Ratio	Lower Upper
41 100	
39 69.5	41.9 62.9#
67 100.6	59.8 89.6#
52 39.6	24.8 37.2#



#42
1,2-Dichloroethane
Concen: 19.892 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 62	Resp: 29480
Ion Ratio	Lower Upper
62 100	
98 10.7	0.0 20.2

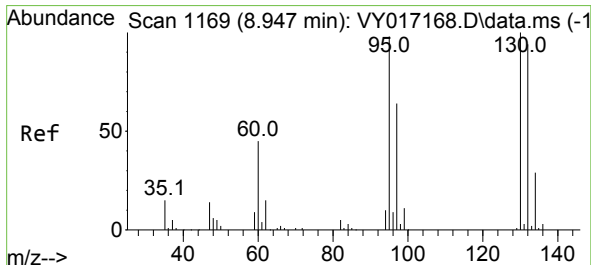
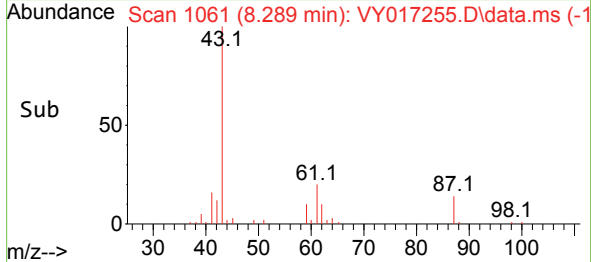
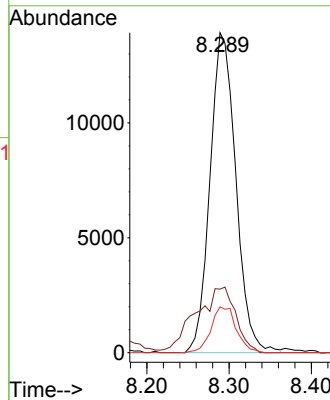
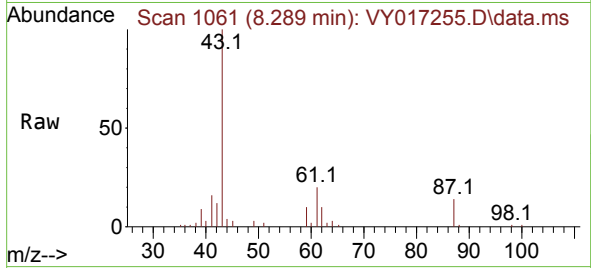




#43
Isopropyl Acetate
Concen: 18.868 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

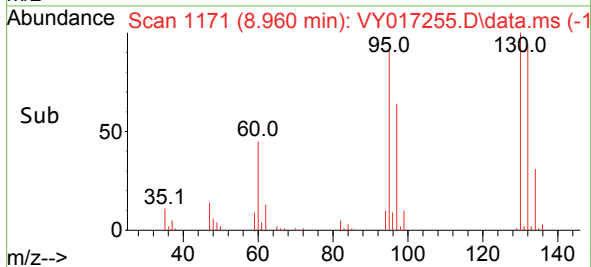
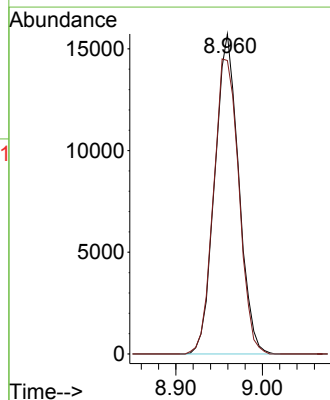
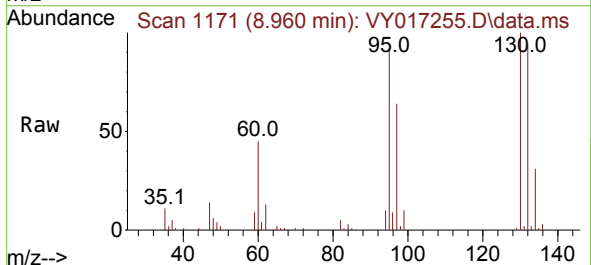
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

Tgt Ion: 43 Resp: 30364
Ion Ratio Lower Upper
43 100
61 31.8 24.8 37.2
87 14.0 10.7 16.1



#44
Trichloroethene
Concen: 21.236 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 130 Resp: 30174
Ion Ratio Lower Upper
130 100
95 91.7 0.0 203.8





#45

1,2-Dichloropropane

Concen: 20.947 ug/l

RT: 9.234 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

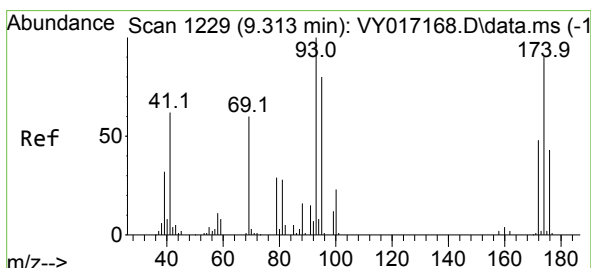
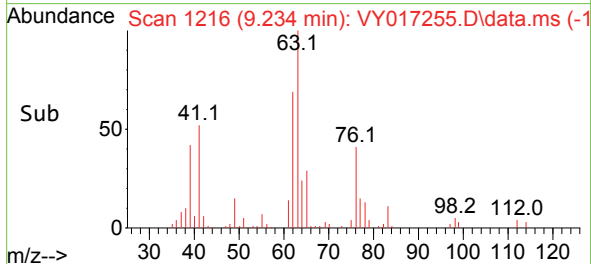
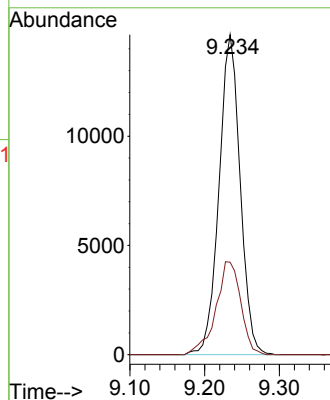
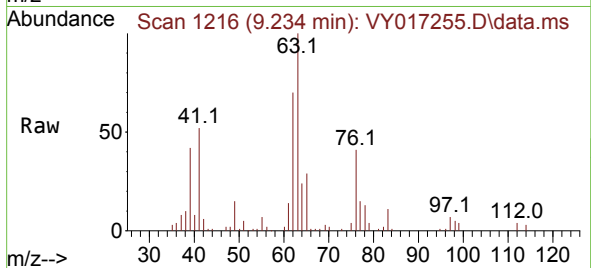
VY0206SBS01

Tgt Ion: 63 Resp: 28800

Ion Ratio Lower Upper

63 100

65 28.9 24.6 36.8



#46

Dibromomethane

Concen: 19.879 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.013 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

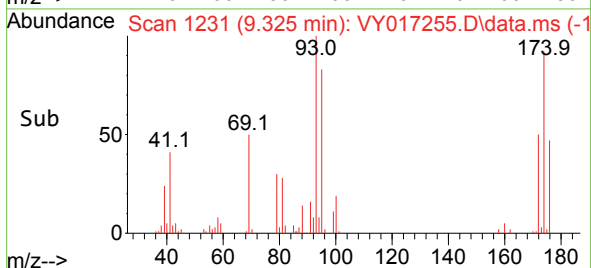
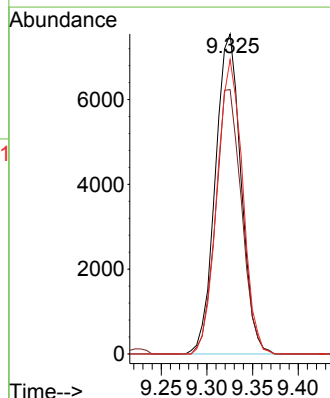
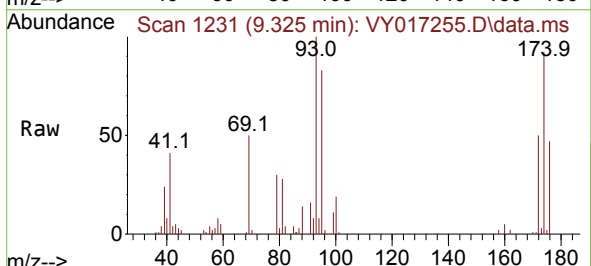
Tgt Ion: 93 Resp: 14764

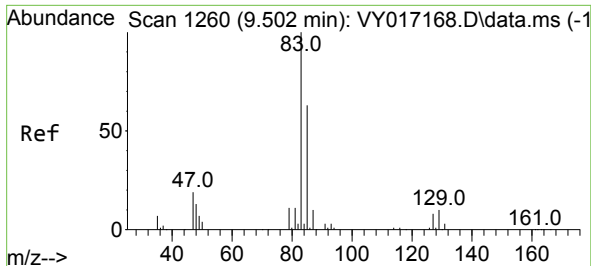
Ion Ratio Lower Upper

93 100

95 83.1 66.6 99.8

174 91.4 73.8 110.6

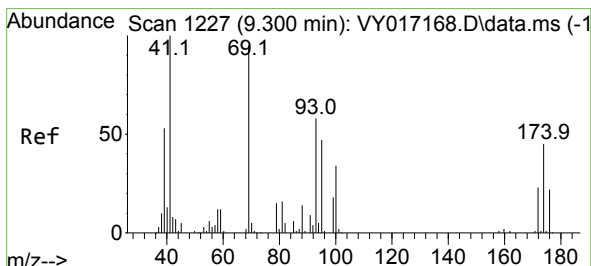
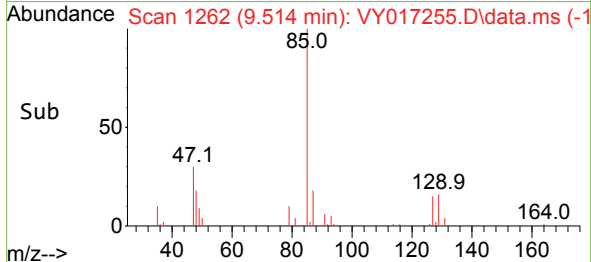
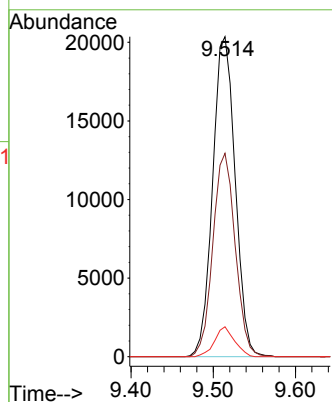
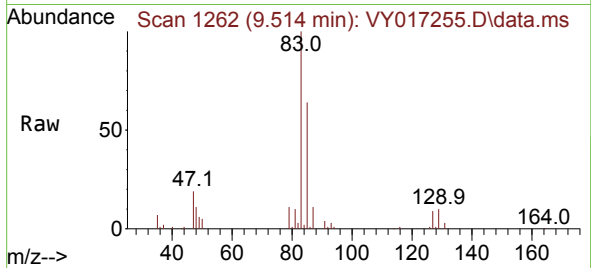




#47
Bromodichloromethane
Concen: 20.837 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

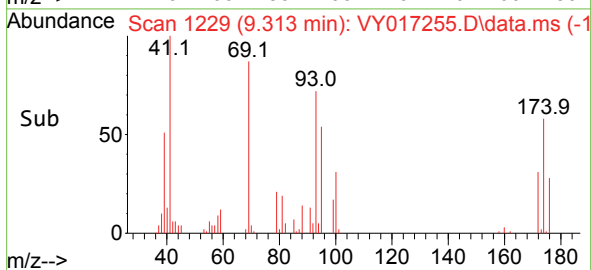
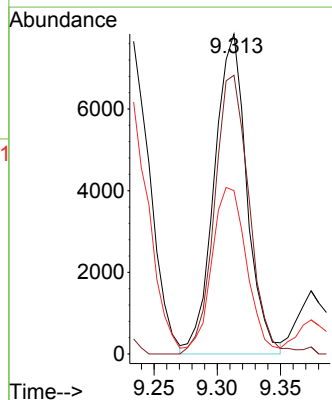
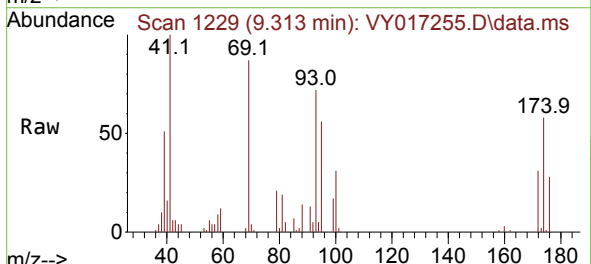
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

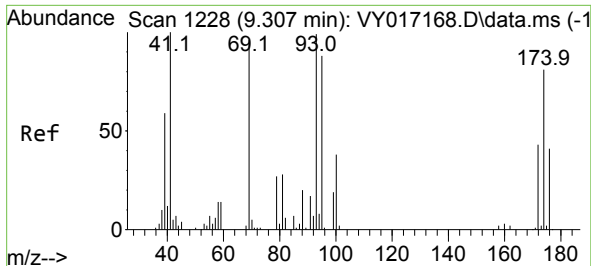
Tgt Ion: 83 Resp: 38728
Ion Ratio Lower Upper
83 100
85 63.5 53.2 79.8
127 9.4 6.4 9.6



#48
Methyl methacrylate
Concen: 18.589 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 41 Resp: 14032
Ion Ratio Lower Upper
41 100
69 92.7 72.1 108.1
39 52.5 42.8 64.2





#49

1,4-Dioxane

Concen: 361.471 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

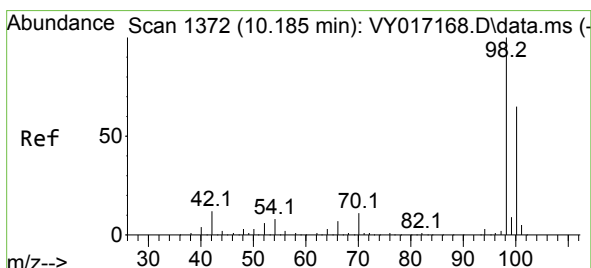
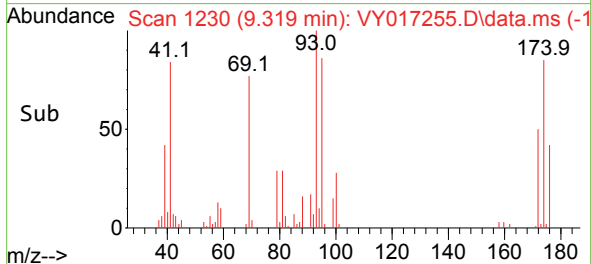
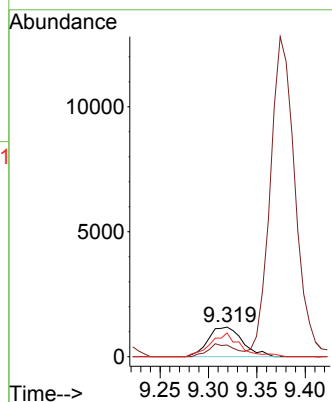
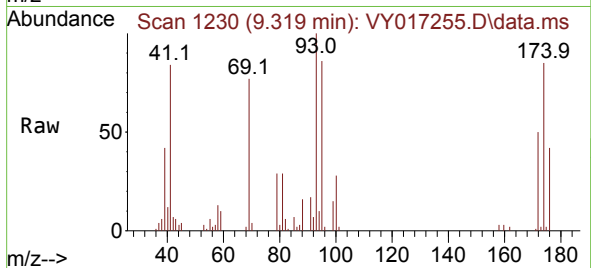
Tgt Ion: 88 Resp: 2922

Ion Ratio Lower Upper

88 100

43 34.6 28.2 42.4

58 69.6 52.2 78.2



#50

Toluene-d8

Concen: 48.029 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.013 min

Lab File: VY017255.D

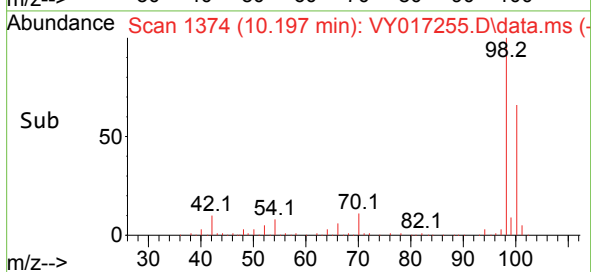
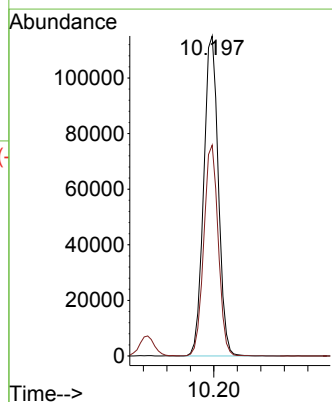
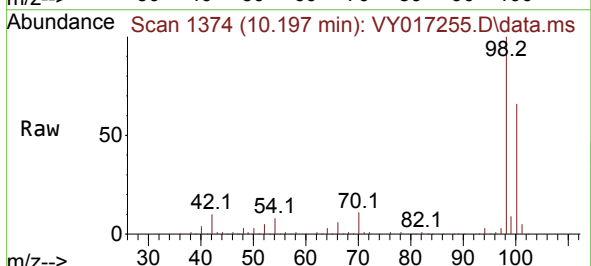
Acq: 06 Feb 2024 11:19

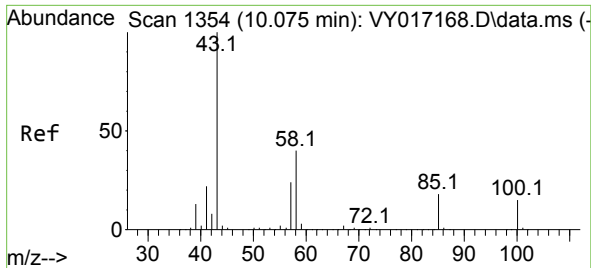
Tgt Ion: 98 Resp: 198708

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5

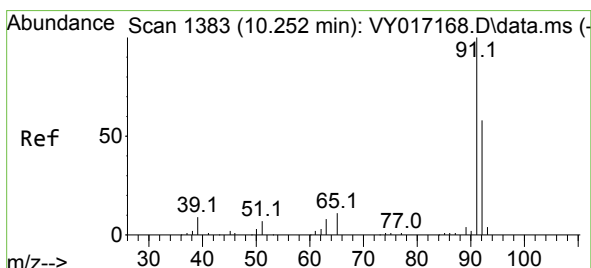
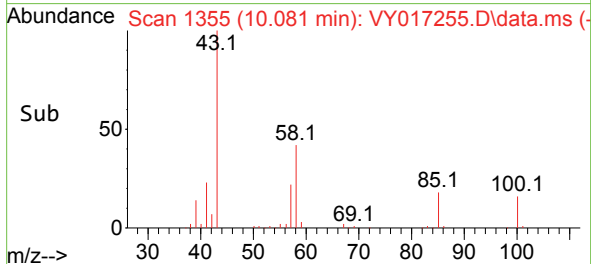
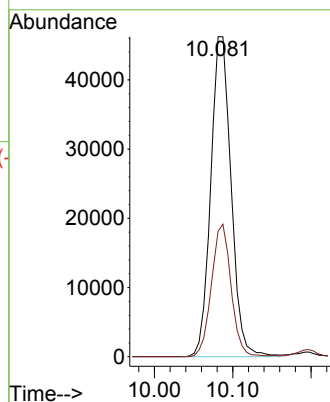
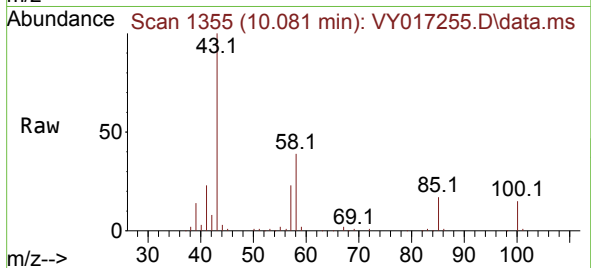




#51
4-Methyl-2-Pentanone
Concen: 96.923 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

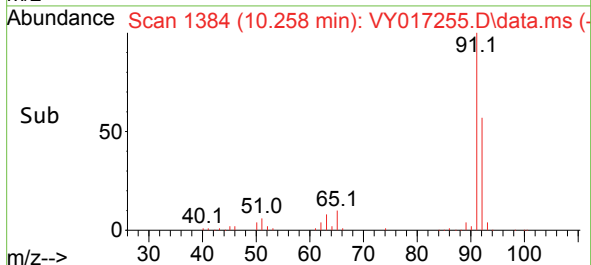
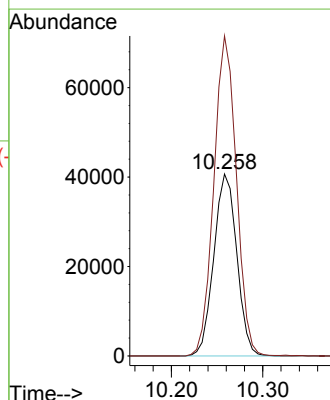
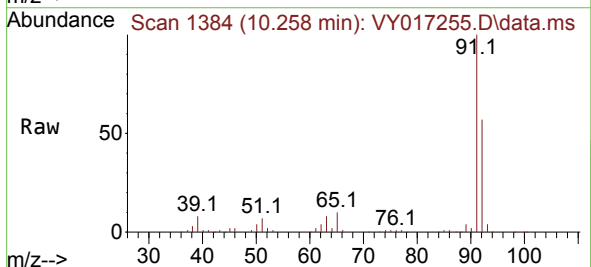
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

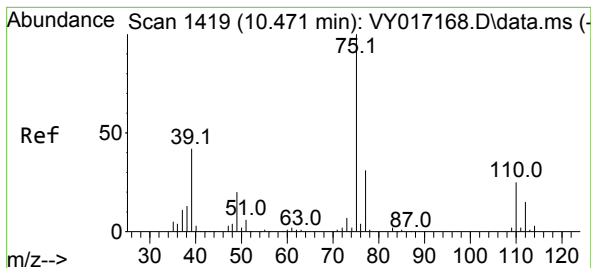
Tgt Ion: 43 Resp: 83612
Ion Ratio Lower Upper
43 100
58 39.9 32.2 48.2



#52
Toluene
Concen: 21.032 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.007 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 92 Resp: 71059
Ion Ratio Lower Upper
92 100
91 172.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 20.036 ug/l

RT: 10.478 min Scan# 1419

Delta R.T. 0.007 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

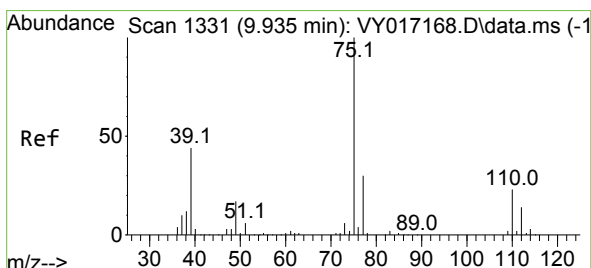
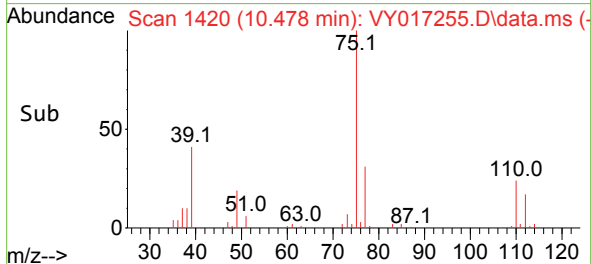
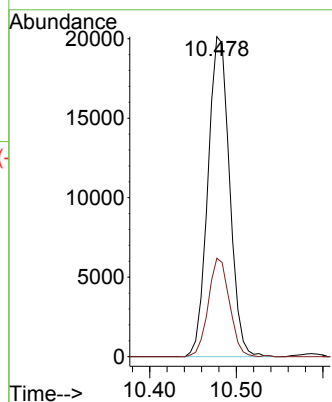
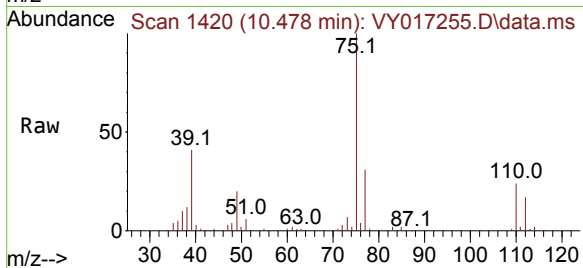
VY0206SBS01

Tgt Ion: 75 Resp: 34979

Ion Ratio Lower Upper

75 100

77 30.8 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 20.462 ug/l

RT: 9.941 min Scan# 1332

Delta R.T. 0.007 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

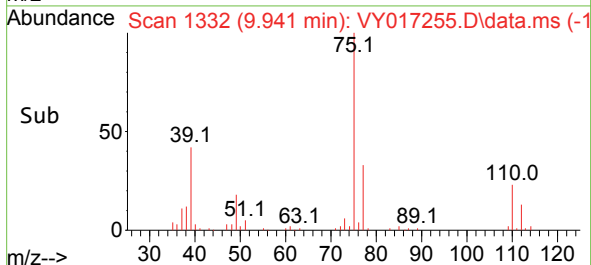
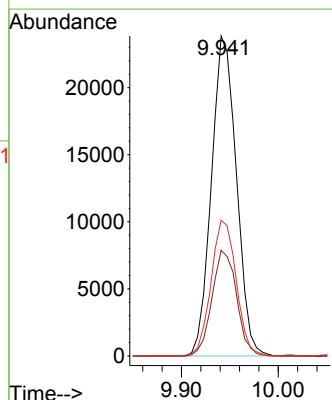
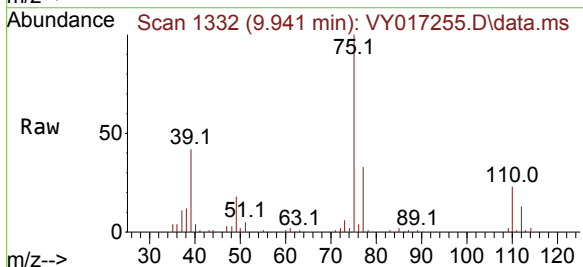
Tgt Ion: 75 Resp: 42789

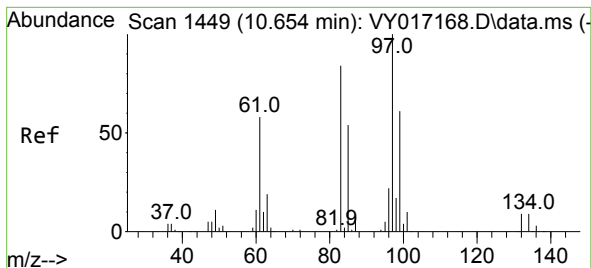
Ion Ratio Lower Upper

75 100

77 33.0 24.6 36.8

39 42.5 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 20.528 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

Tgt Ion: 97 Resp: 20743

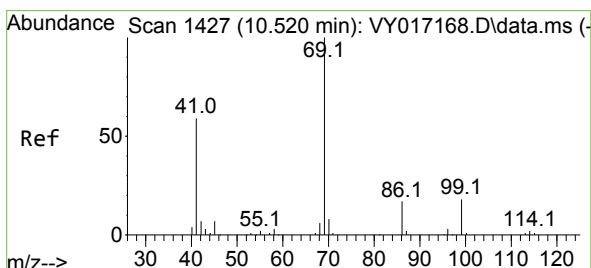
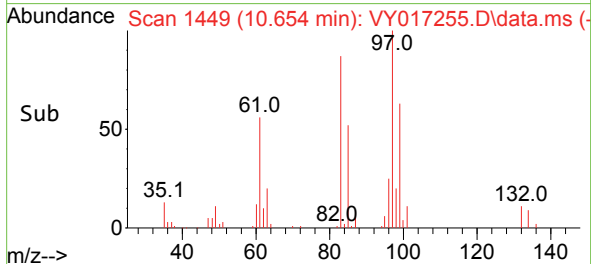
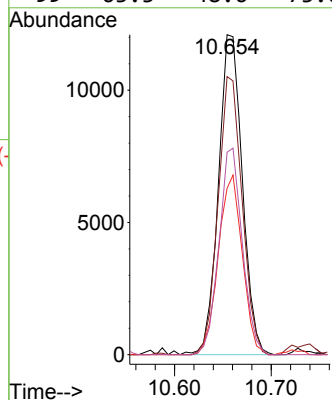
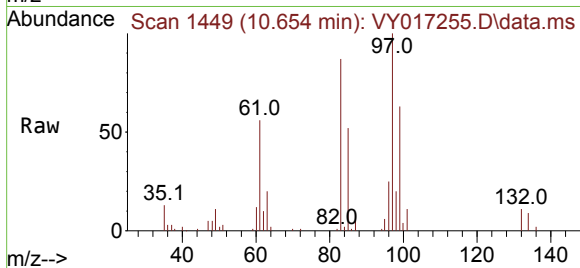
Ion Ratio Lower Upper

97 100

83 86.9 69.4 104.2

85 52.0 43.9 65.9

99 63.3 48.6 73.0



#56

Ethyl methacrylate

Concen: 19.195 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

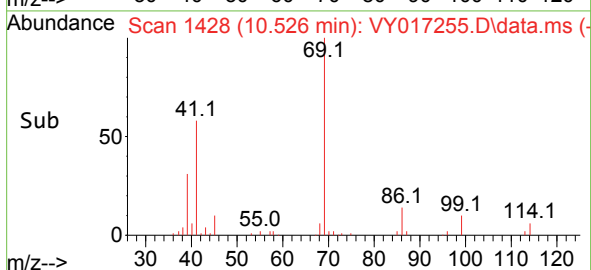
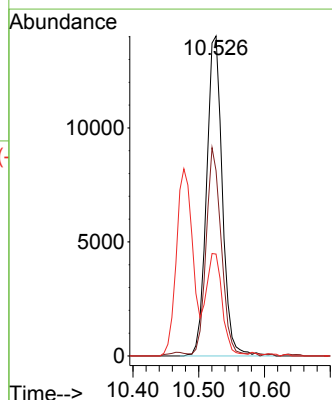
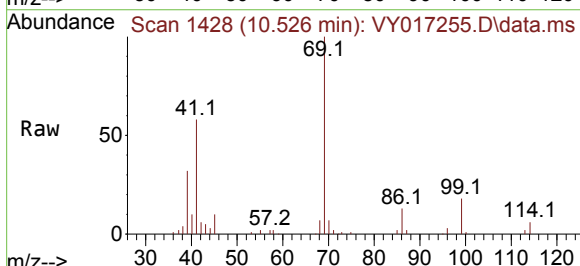
Tgt Ion: 69 Resp: 23418

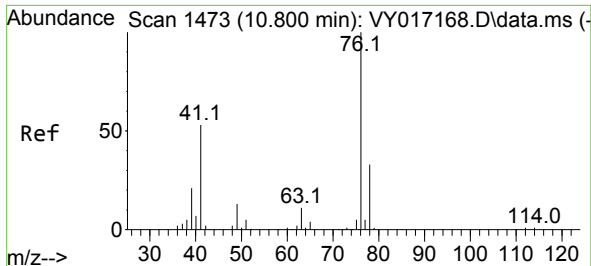
Ion Ratio Lower Upper

69 100

41 62.8 49.2 73.8

39 31.9 26.8 40.2

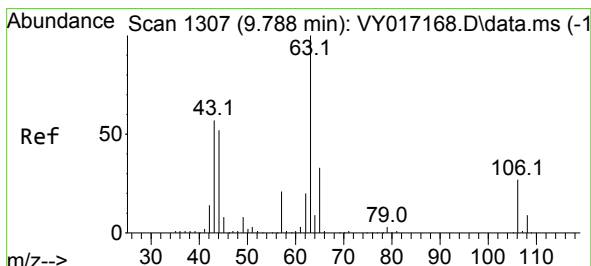
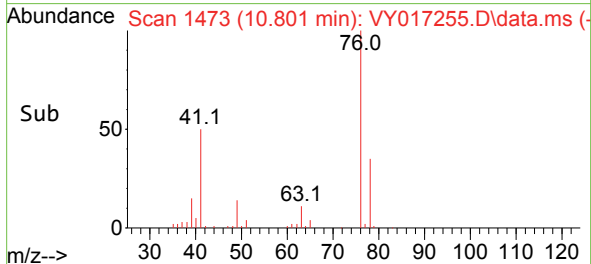
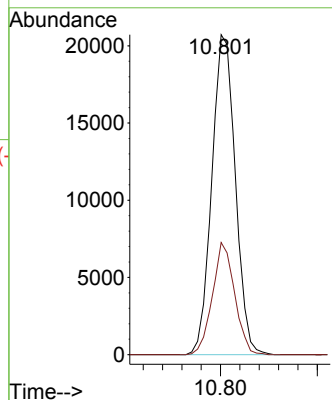
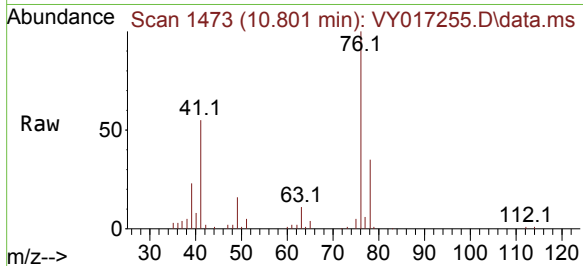




#57
1,3-Dichloropropane
Concen: 20.106 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

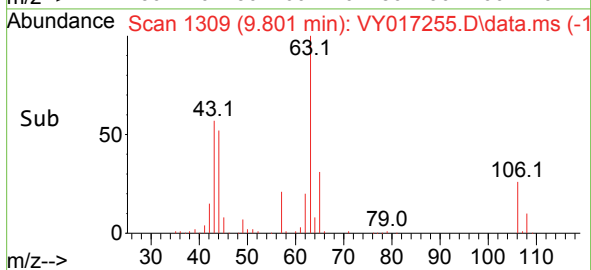
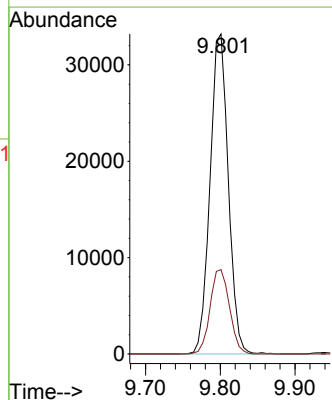
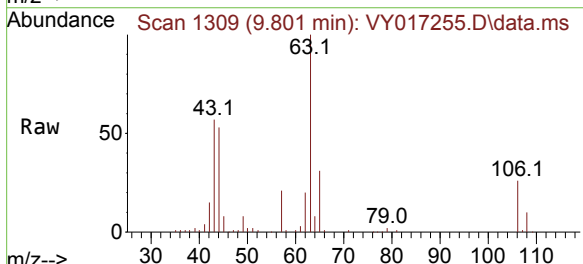
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

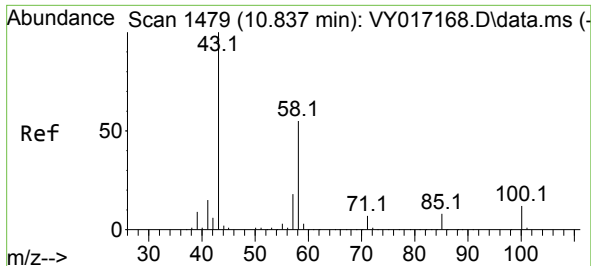
Tgt Ion: 76 Resp: 34943
Ion Ratio Lower Upper
76 100
78 33.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 89.611 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 63 Resp: 56410
Ion Ratio Lower Upper
63 100
106 27.9 22.4 33.6

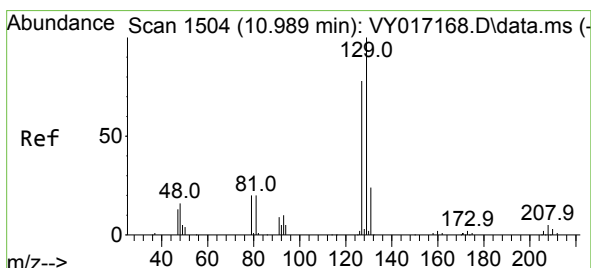
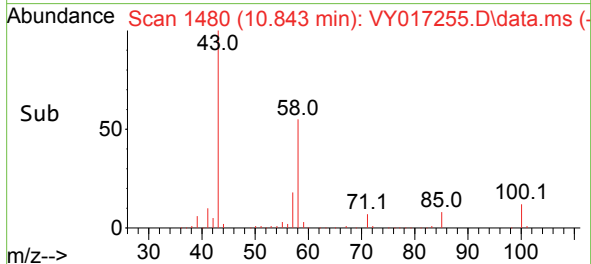
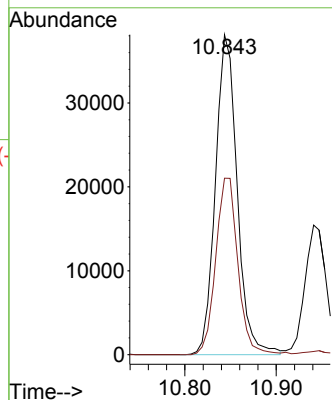
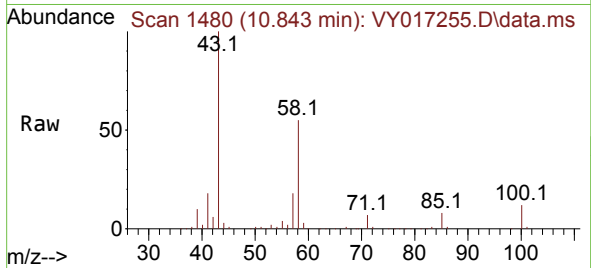




#59
2-Hexanone
Concen: 100.987 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

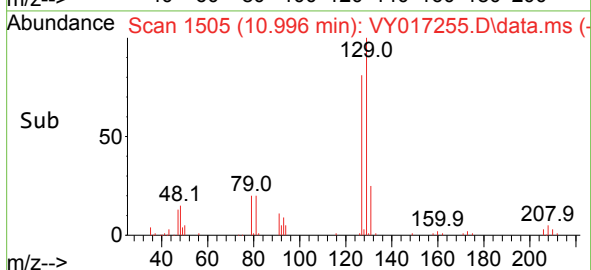
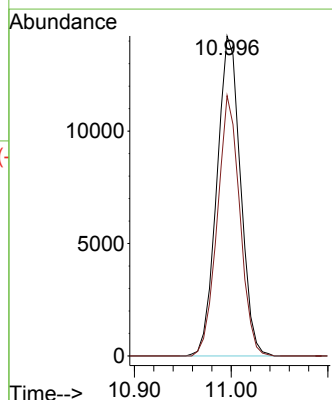
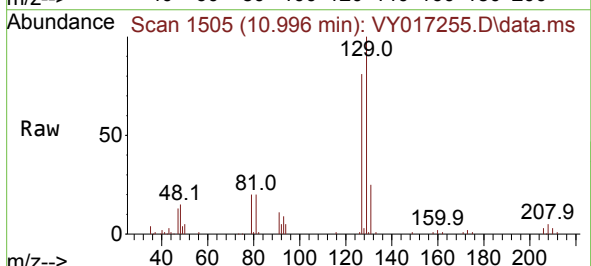
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

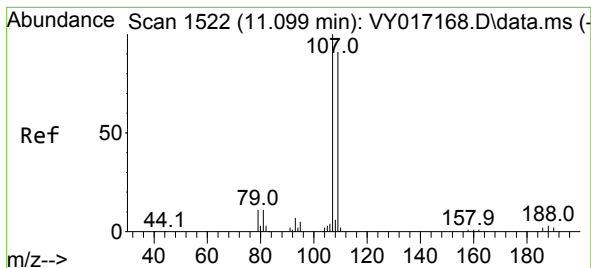
Tgt Ion: 43 Resp: 62995
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.3



#60
Dibromochloromethane
Concen: 20.323 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.007 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 129 Resp: 24091
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6

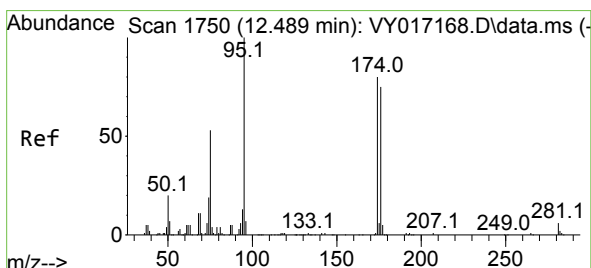
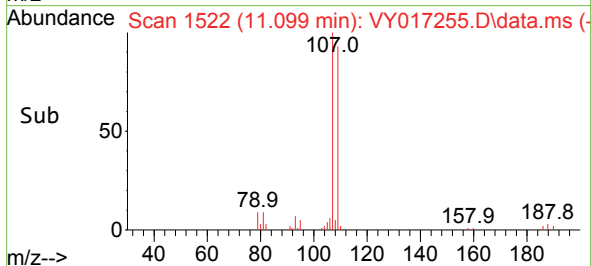
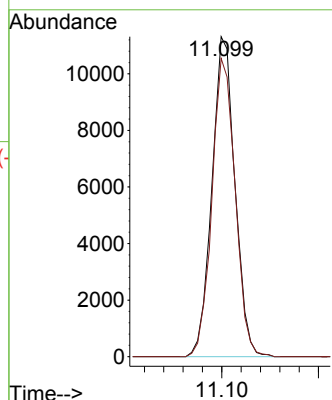
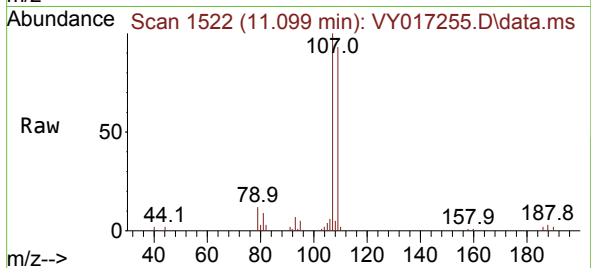




#61
1,2-Dibromoethane
Concen: 19.856 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

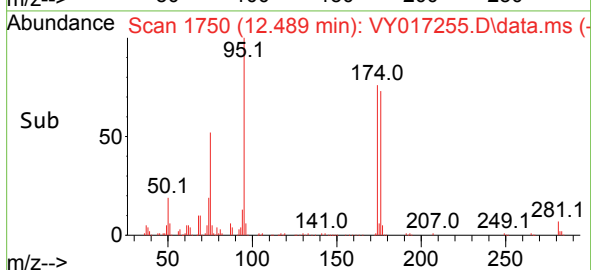
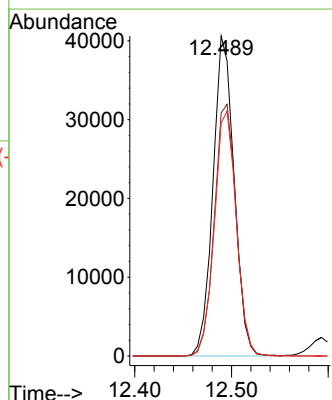
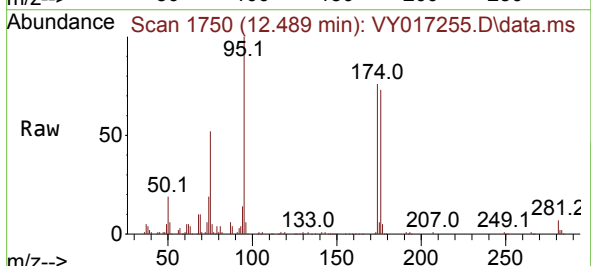
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

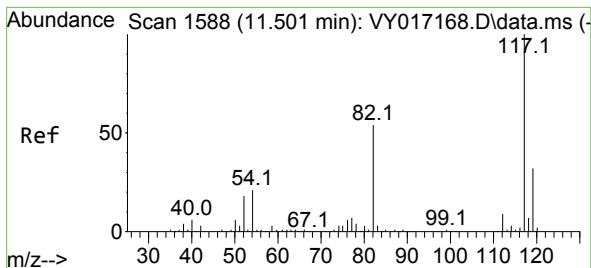
Tgt Ion:107 Resp: 18660
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 45.490 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 95 Resp: 61652
Ion Ratio Lower Upper
95 100
174 81.7 0.0 160.0
176 79.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

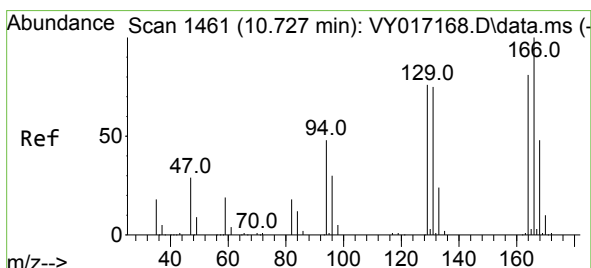
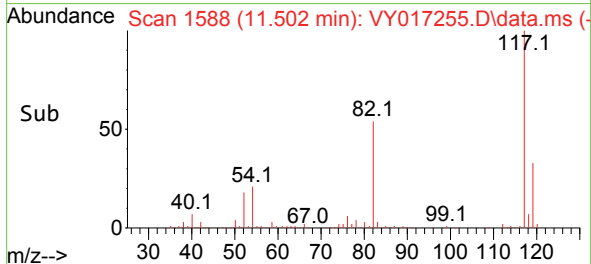
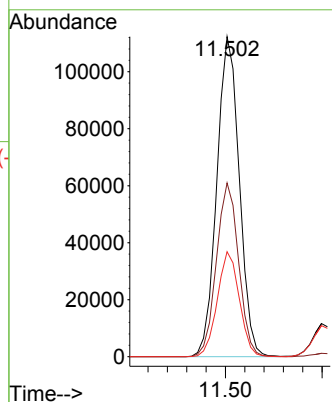
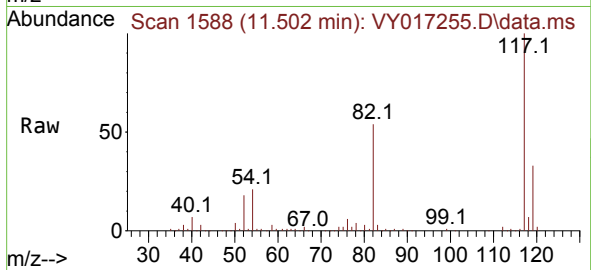
Tgt Ion:117 Resp: 181029

Ion Ratio Lower Upper

117 100

82 54.3 43.8 65.8

119 32.8 26.5 39.7



#64

Tetrachloroethene

Concen: 21.436 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.007 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Tgt Ion:164 Resp: 25202

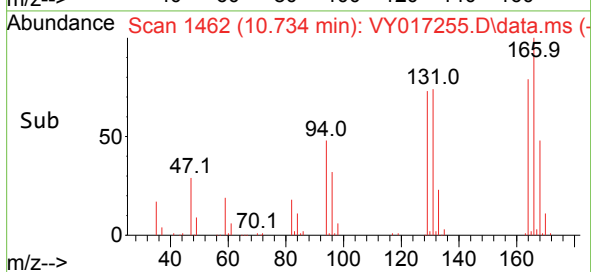
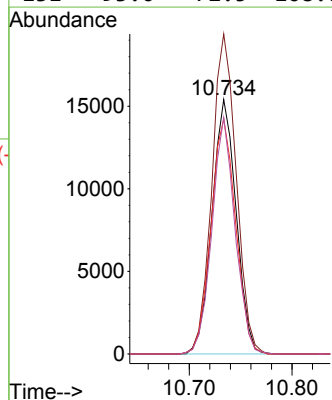
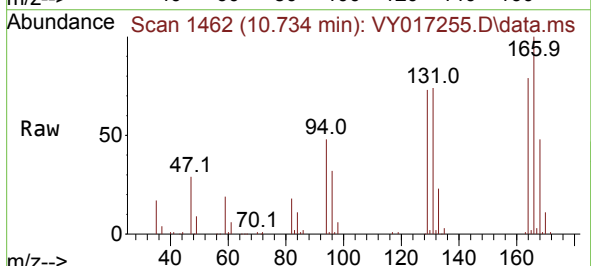
Ion Ratio Lower Upper

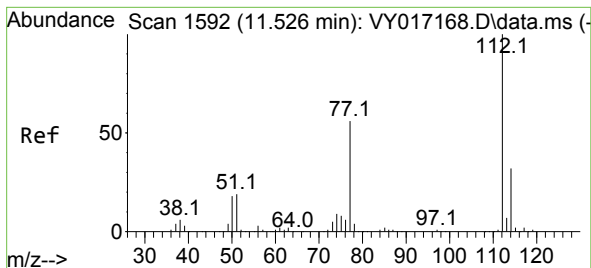
164 100

166 125.8 98.8 148.2

129 92.4 78.9 118.3

131 93.0 72.5 108.7





#65

Chlorobenzene

Concen: 20.664 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

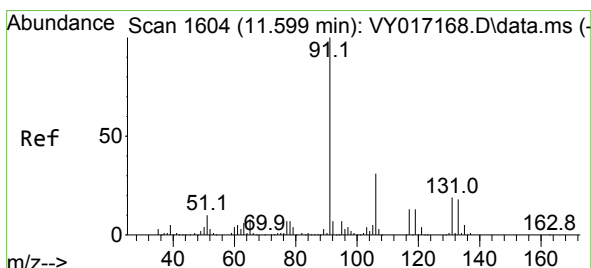
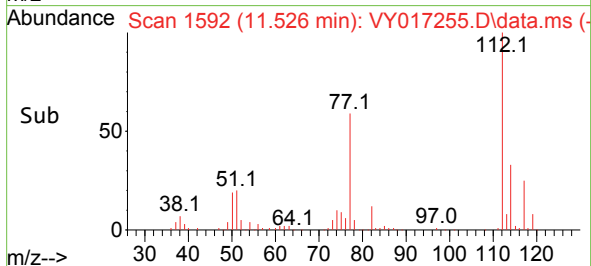
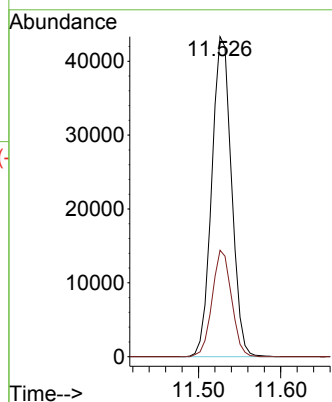
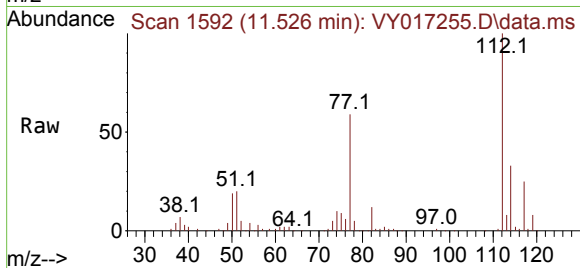
VY0206SBS01

Tgt Ion:112 Resp: 72161

Ion Ratio Lower Upper

112 100

114 33.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.262 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.007 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

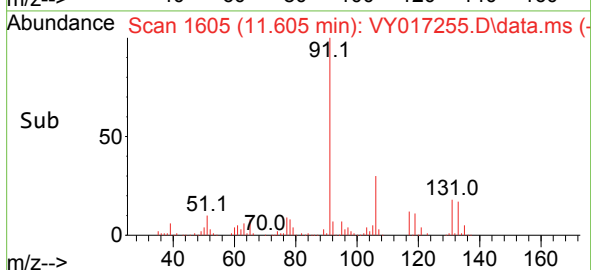
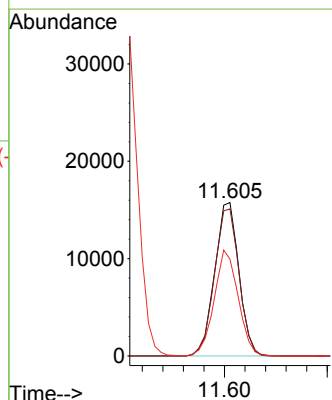
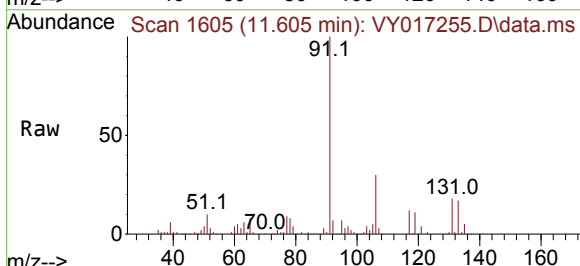
Tgt Ion:131 Resp: 25714

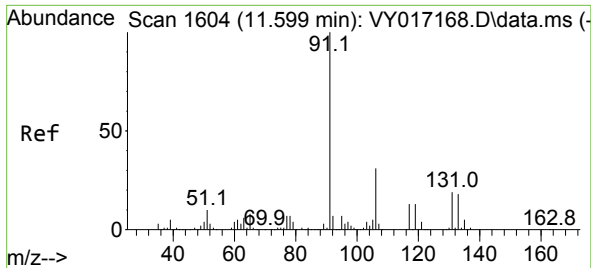
Ion Ratio Lower Upper

131 100

133 97.6 47.0 141.0

119 68.5 33.3 99.9

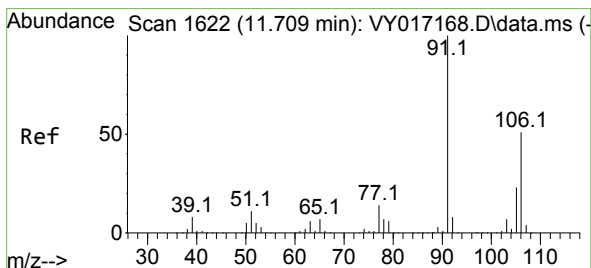
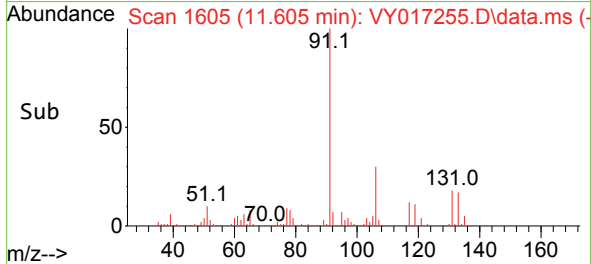
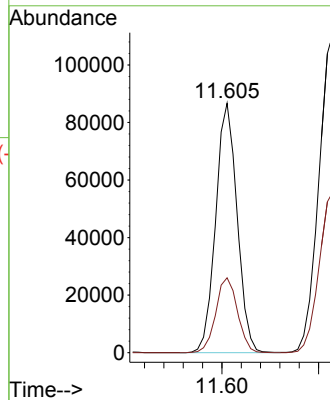
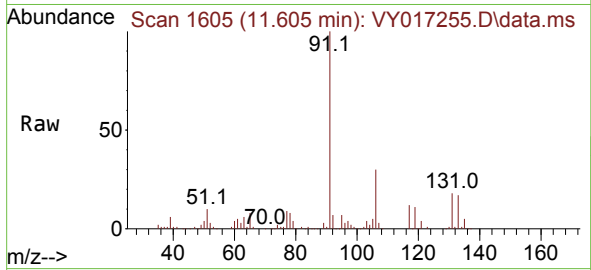




#67
Ethyl Benzene
Concen: 21.068 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.007 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

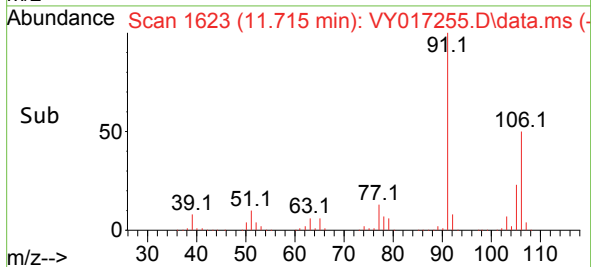
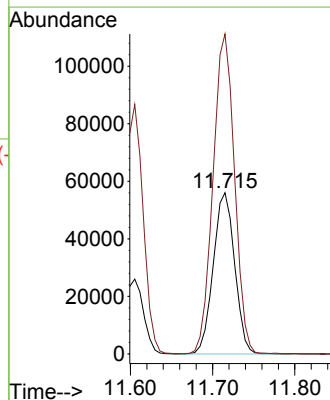
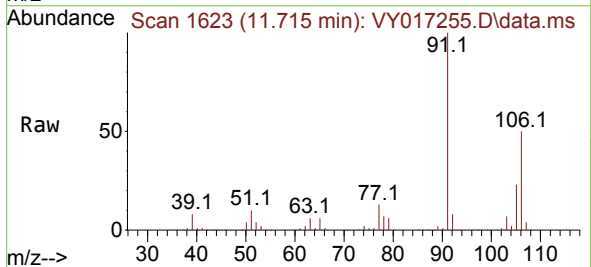
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

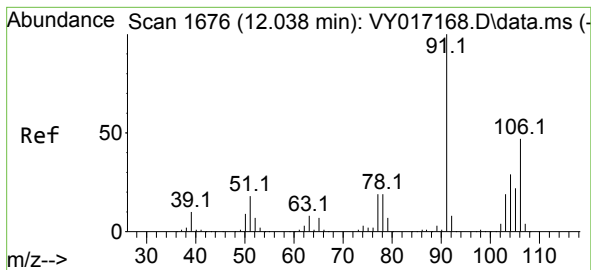
Tgt Ion: 91 Resp: 132969
Ion Ratio Lower Upper
91 100
106 30.0 25.0 37.4



#68
m/p-Xylenes
Concen: 42.272 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.007 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion:106 Resp: 101249
Ion Ratio Lower Upper
106 100
91 200.2 160.7 241.1





#69

o-Xylene

Concen: 21.244 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

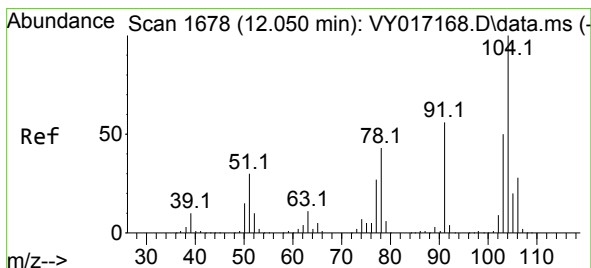
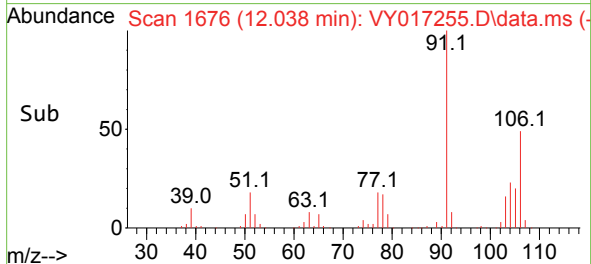
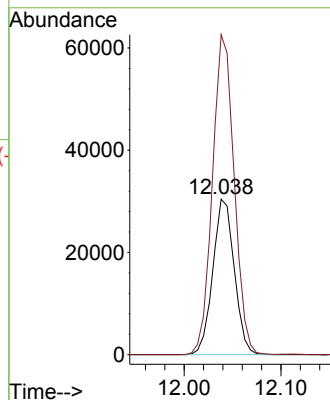
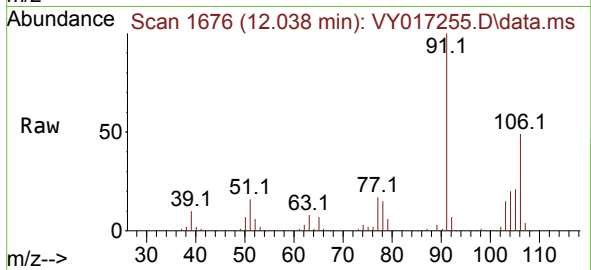
VY0206SBS01

Tgt Ion:106 Resp: 46858

Ion Ratio Lower Upper

106 100

91 208.6 106.5 319.5



#70

Styrene

Concen: 20.940 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.007 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

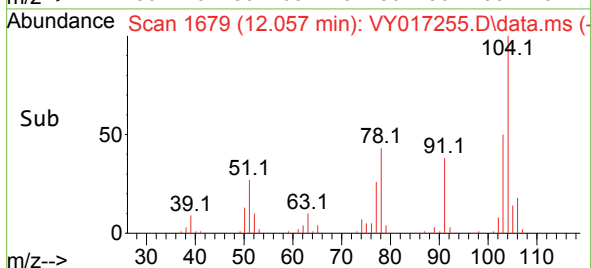
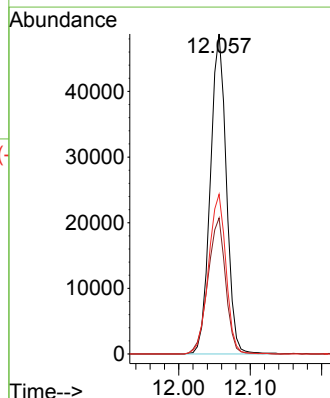
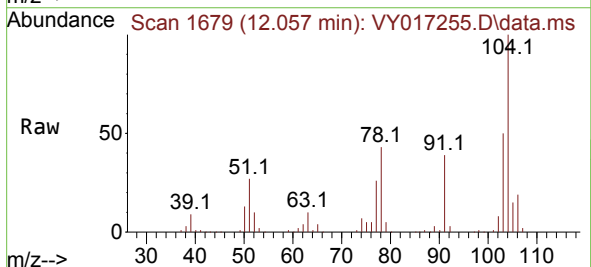
Tgt Ion:104 Resp: 76101

Ion Ratio Lower Upper

104 100

78 46.9 39.2 58.8

103 54.2 43.8 65.6





#71

Bromoform

Concen: 20.413 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.007 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

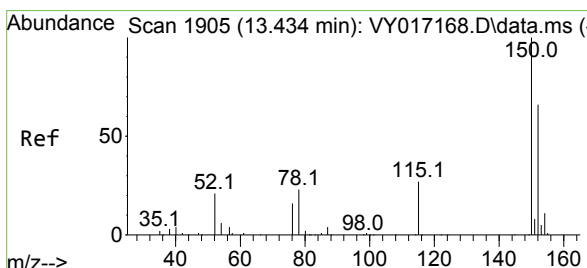
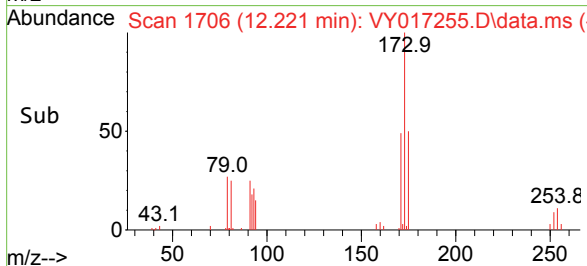
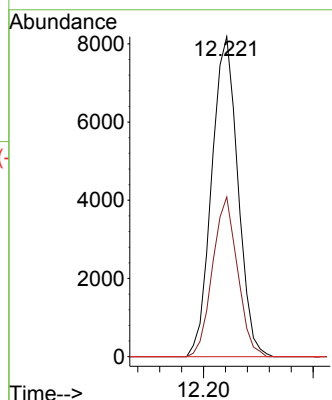
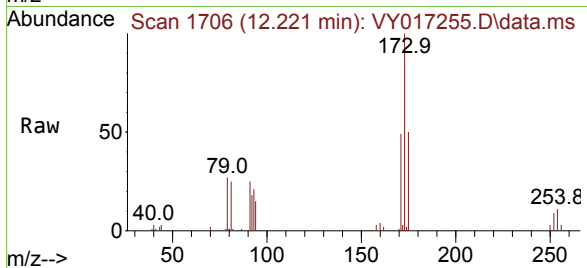
Tgt Ion:173 Resp: 13567

Ion Ratio Lower Upper

173 100

175 47.6 23.5 70.6

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. 0.000 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

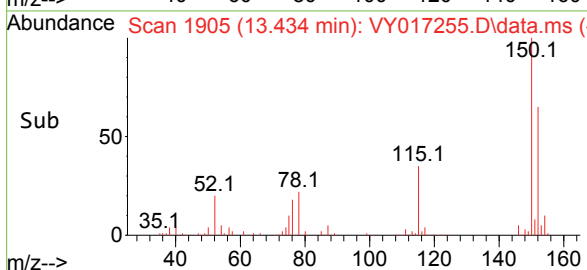
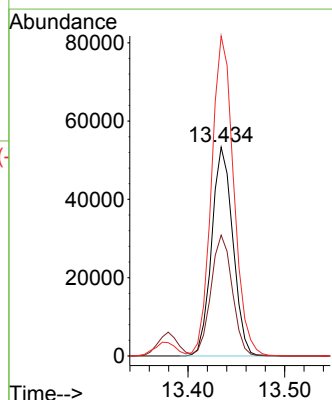
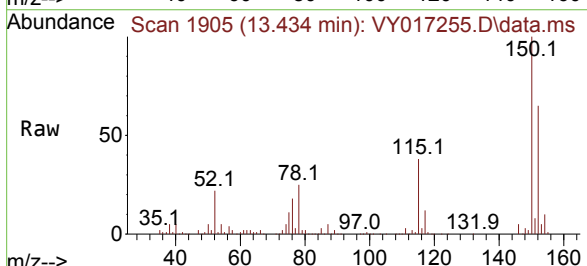
Tgt Ion:152 Resp: 81270

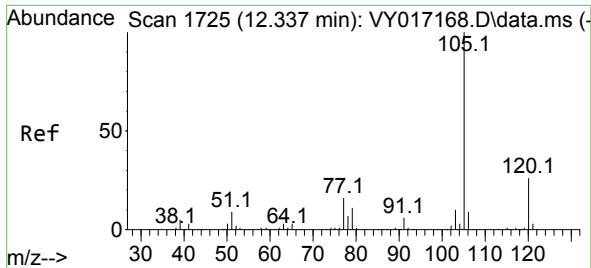
Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.0

150 161.0 0.0 344.6

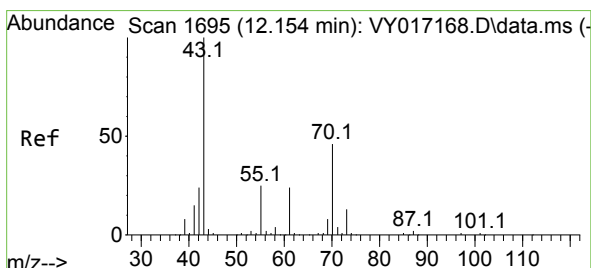
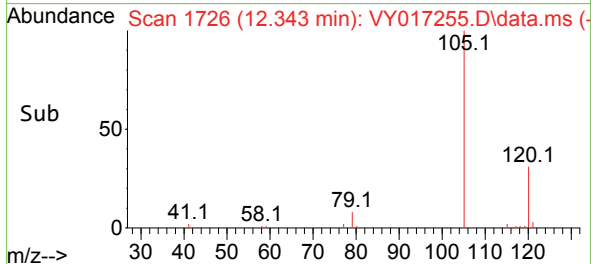
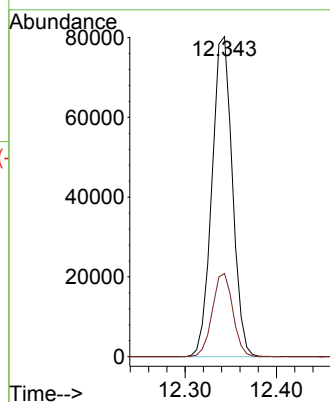
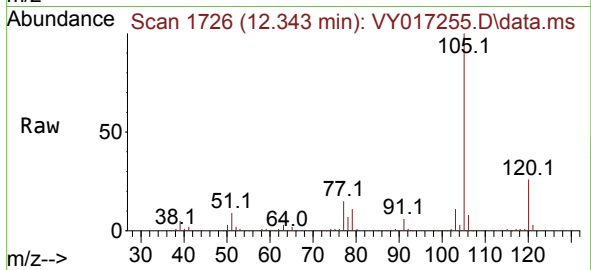




#73
Isopropylbenzene
Concen: 20.929 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

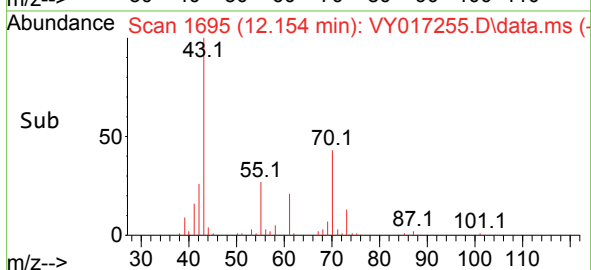
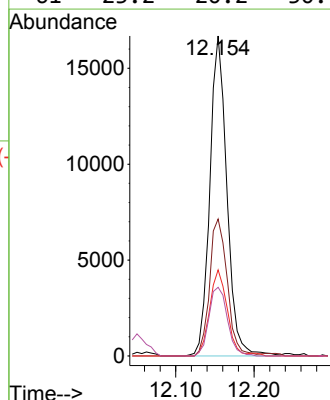
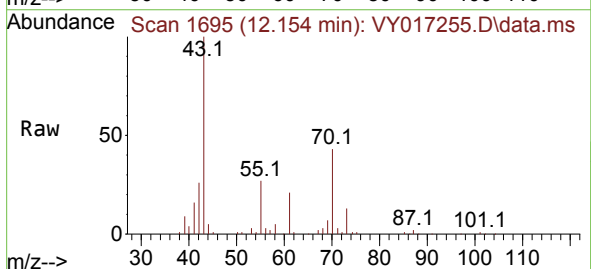
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

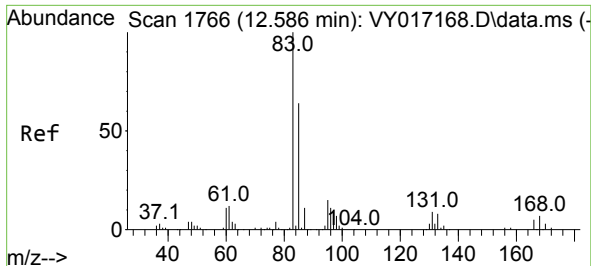
Tgt Ion:105 Resp: 124954
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 18.847 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 43 Resp: 25284
Ion Ratio Lower Upper
43 100
70 44.2 36.6 55.0
55 27.9 22.2 33.4
61 23.2 20.2 30.4

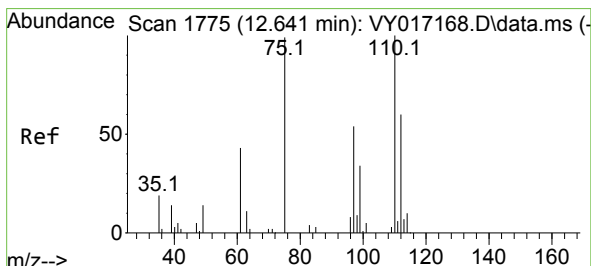
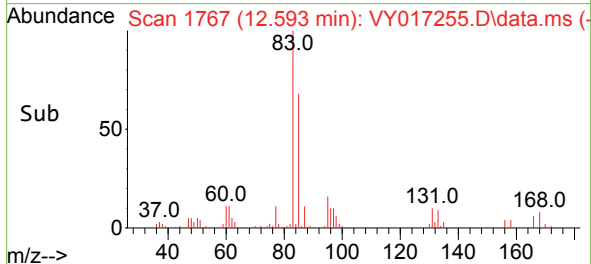
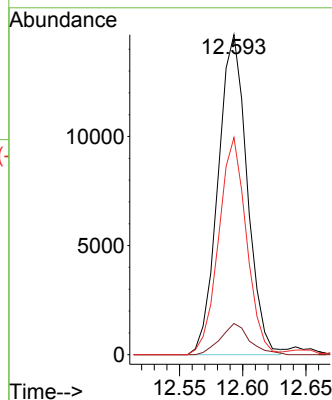
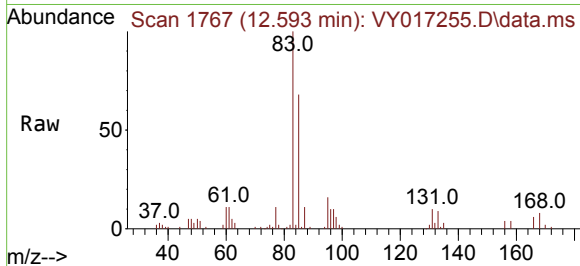




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.965 ug/l
 RT: 12.593 min Scan# 1767
 Delta R.T. 0.007 min
 Lab File: VY017255.D
 Acq: 06 Feb 2024 11:19

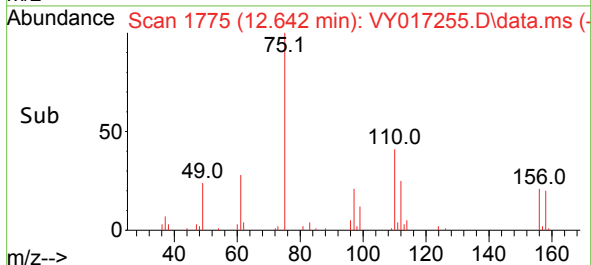
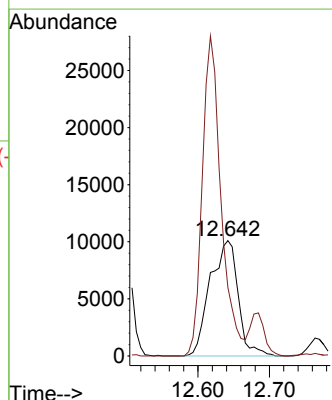
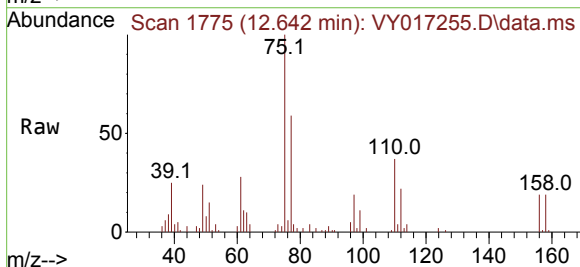
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0206SBS01

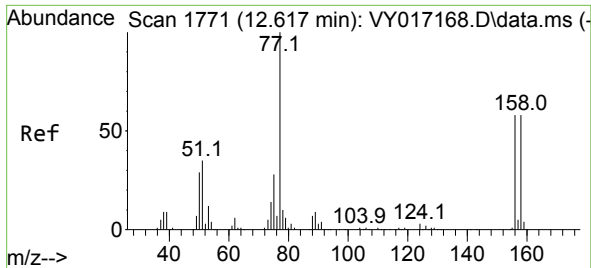
Tgt Ion: 83 Resp: 23444
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.6
 85 64.9 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 36.519 ug/l
 RT: 12.642 min Scan# 1775
 Delta R.T. 0.000 min
 Lab File: VY017255.D
 Acq: 06 Feb 2024 11:19

Tgt Ion: 75 Resp: 27393
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

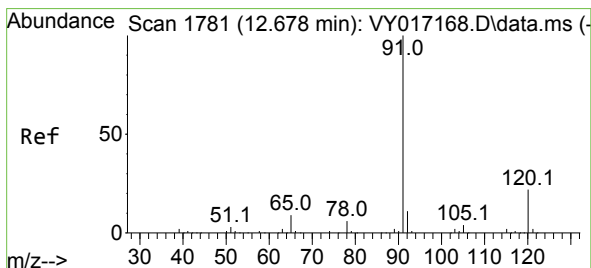
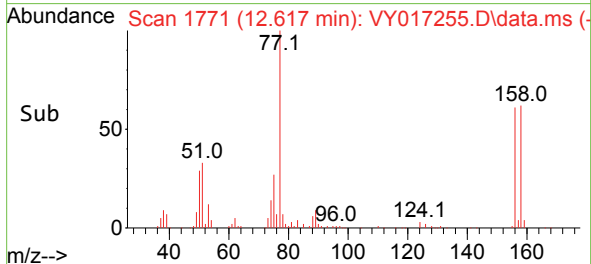
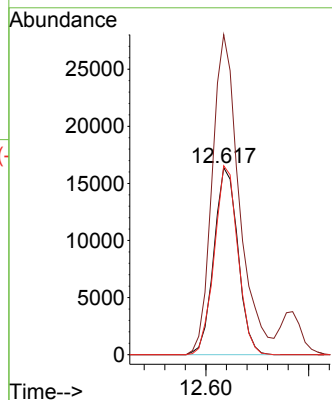
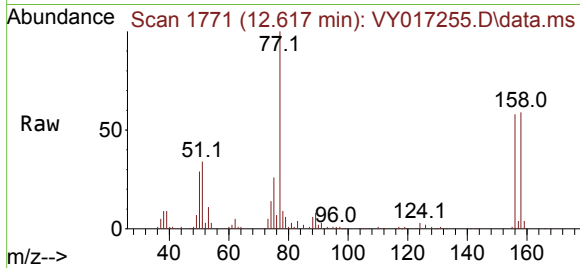




#77
Bromobenzene
Concen: 20.064 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. 0.000 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

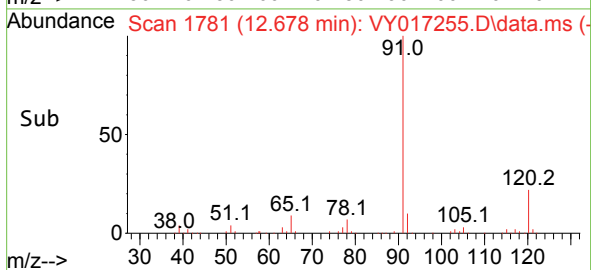
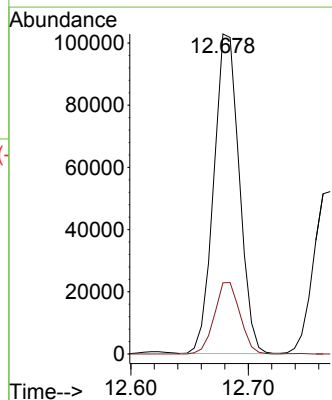
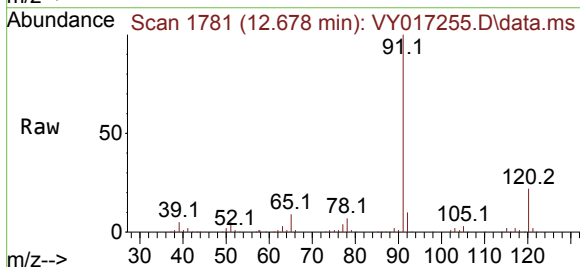
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

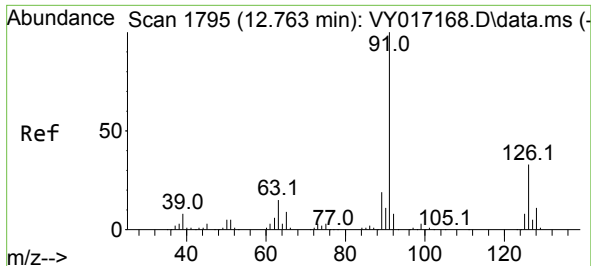
Tgt Ion	Ratio	Lower	Upper
156	100		
77	193.2	97.3	291.8
158	98.8	48.4	145.0



#78
n-propylbenzene
Concen: 21.131 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.0	33.0

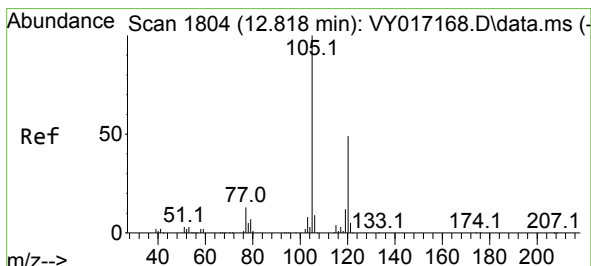
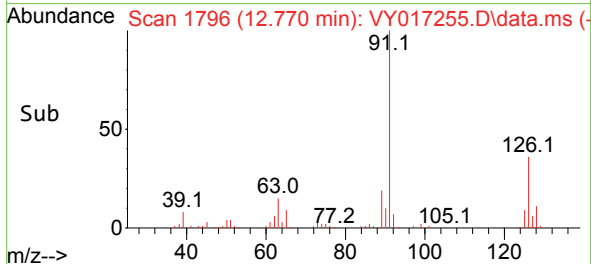
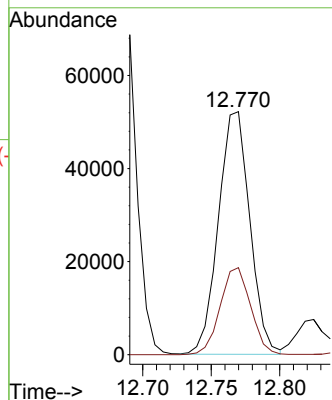
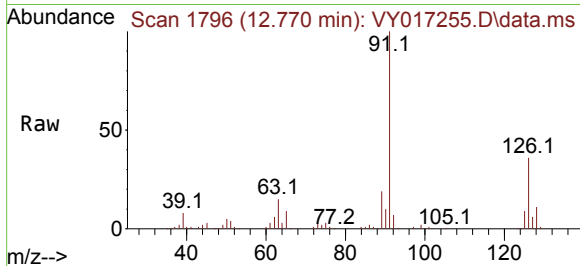




#79
2-Chlorotoluene
Concen: 20.707 ug/l
RT: 12.770 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

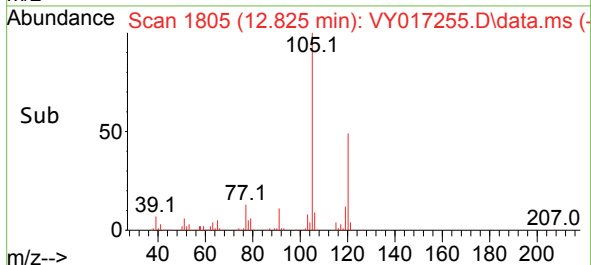
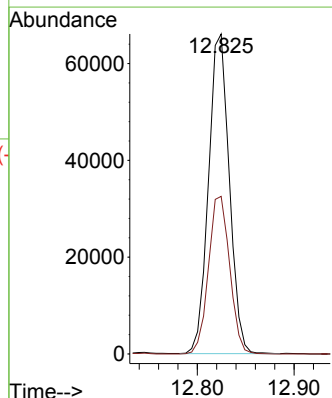
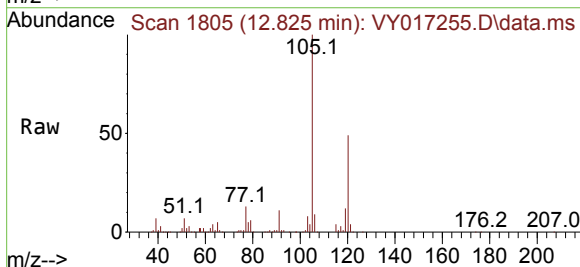
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

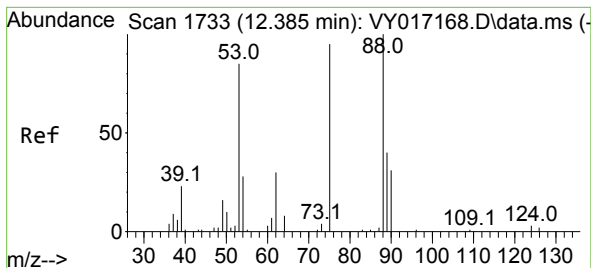
Tgt Ion: 91 Resp: 83475
Ion Ratio Lower Upper
91 100
126 34.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.781 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.007 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion: 105 Resp: 98676
Ion Ratio Lower Upper
105 100
120 50.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.706 ug/l

RT: 12.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

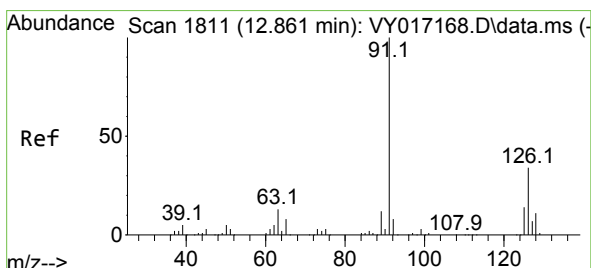
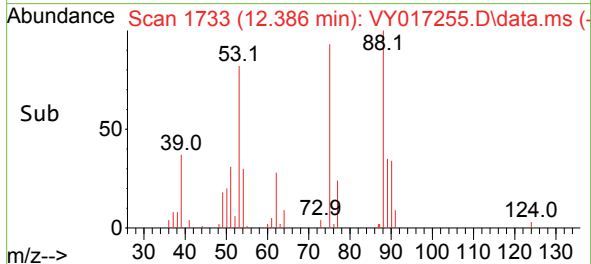
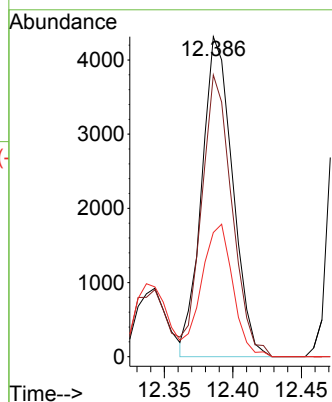
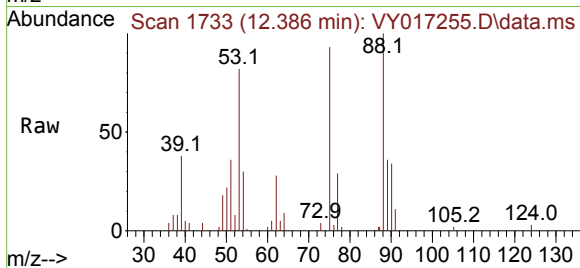
Tgt Ion: 75 Resp: 6753

Ion Ratio Lower Upper

75 100

53 86.5 74.0 111.0

89 42.0 36.5 54.7



#82

4-Chlorotoluene

Concen: 20.686 ug/l

RT: 12.867 min Scan# 1812

Delta R.T. 0.006 min

Lab File: VY017255.D

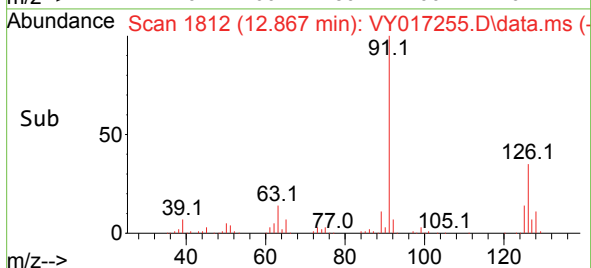
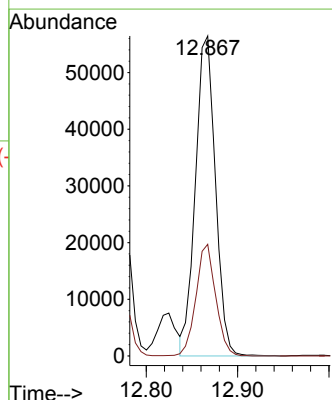
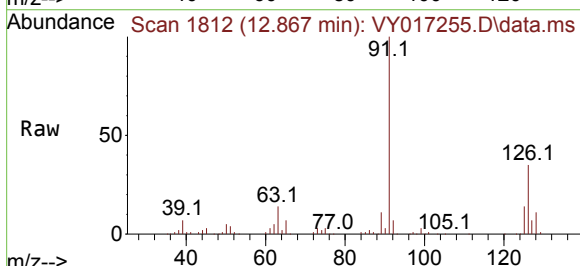
Acq: 06 Feb 2024 11:19

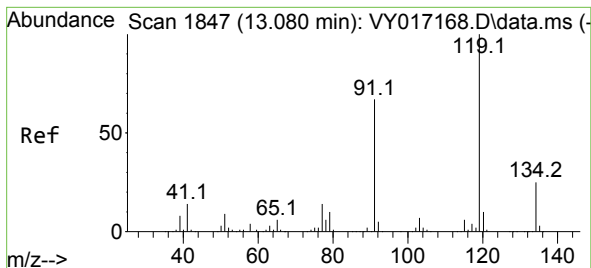
Tgt Ion: 91 Resp: 85828

Ion Ratio Lower Upper

91 100

126 34.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.281 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.007 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

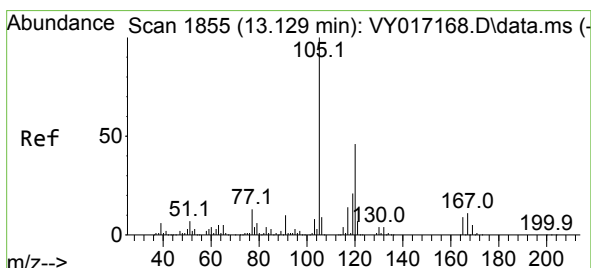
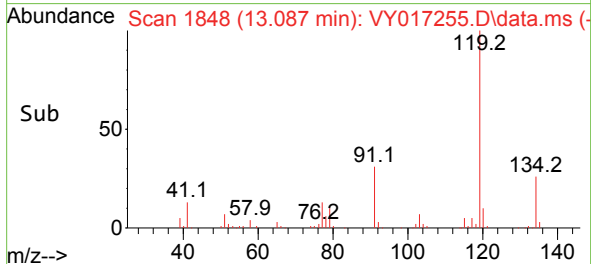
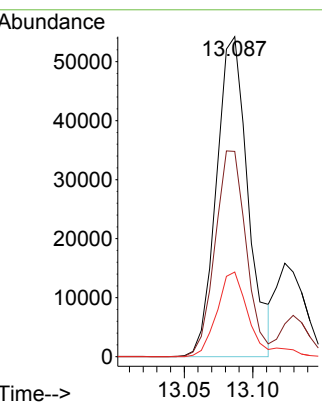
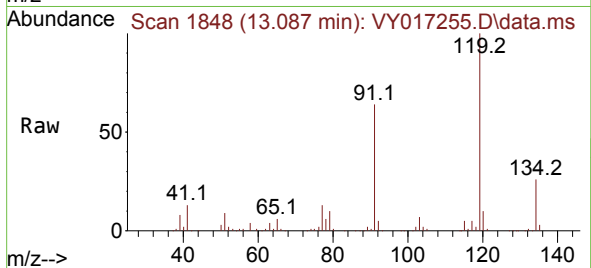
Tgt Ion:119 Resp: 86616

Ion Ratio Lower Upper

119 100

91 63.4 31.5 94.5

134 27.4 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.908 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017255.D

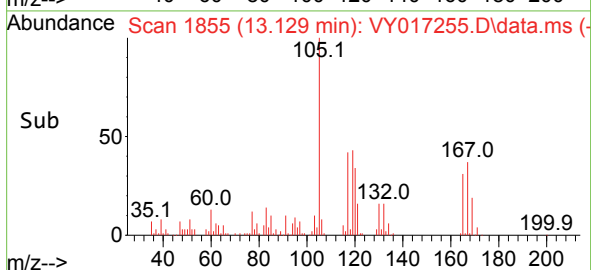
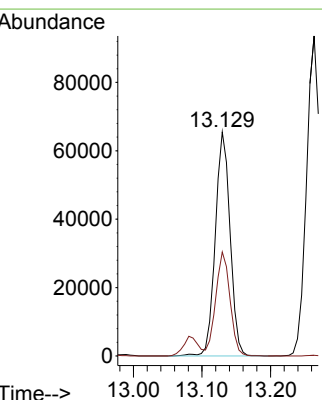
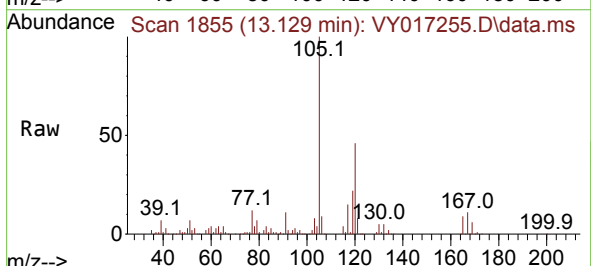
Acq: 06 Feb 2024 11:19

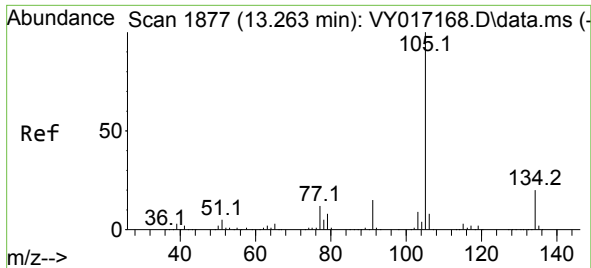
Tgt Ion:105 Resp: 97994

Ion Ratio Lower Upper

105 100

120 44.8 22.1 66.3

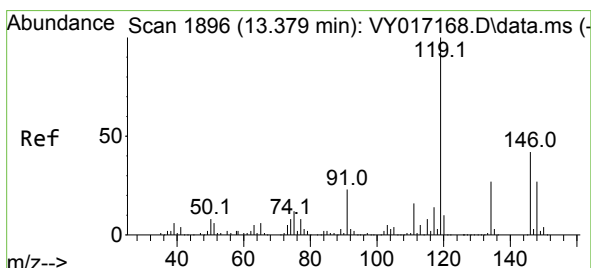
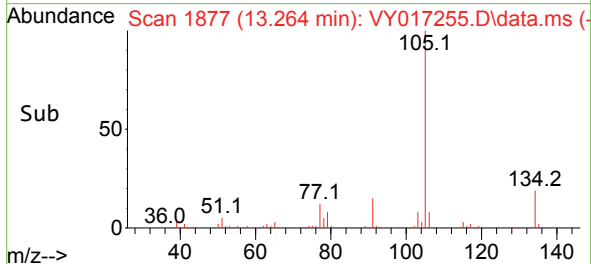
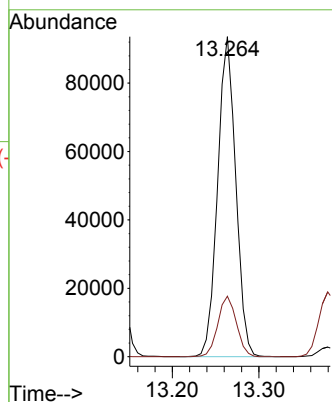
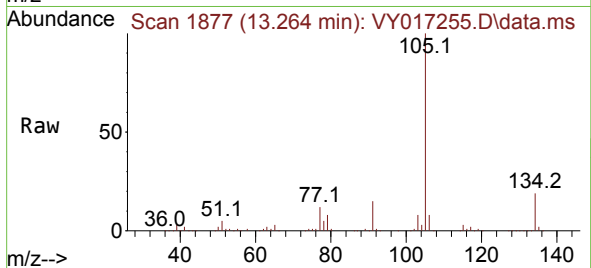




#85
sec-Butylbenzene
Concen: 21.371 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

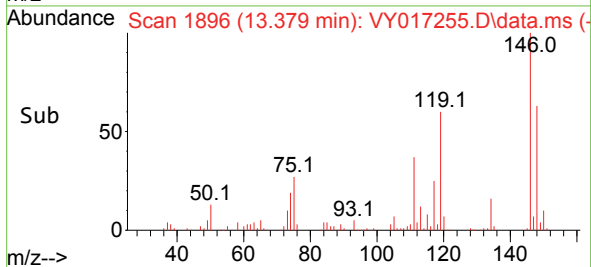
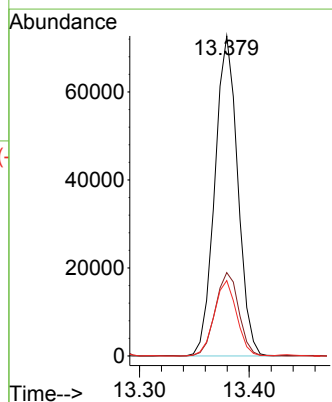
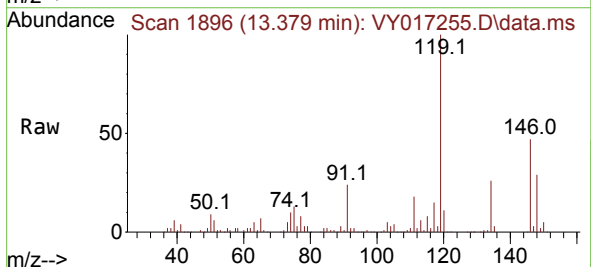
Instrument :
MSVOA_Y
ClientSampleId :
VY0206SBS01

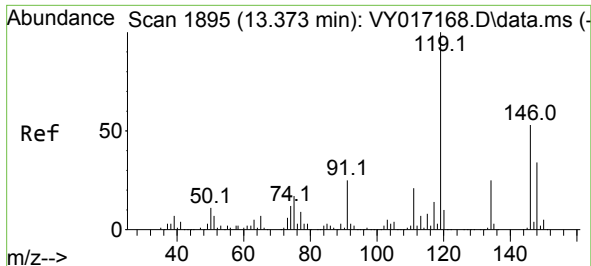
Tgt Ion:105 Resp: 135954
Ion Ratio Lower Upper
105 100
134 19.3 9.7 28.9



#86
p-Isopropyltoluene
Concen: 20.781 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VY017255.D
Acq: 06 Feb 2024 11:19

Tgt Ion:119 Resp: 105639
Ion Ratio Lower Upper
119 100
134 26.7 13.1 39.1
91 23.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.383 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.007 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

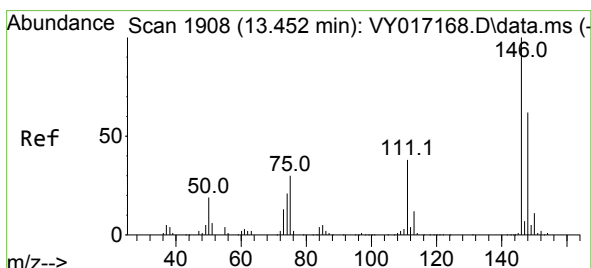
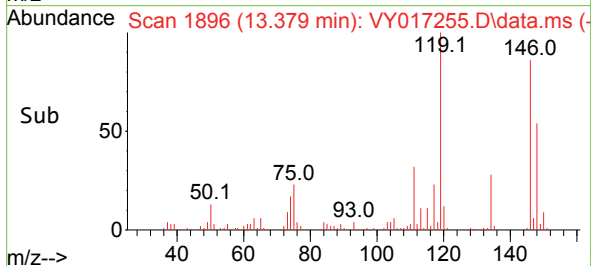
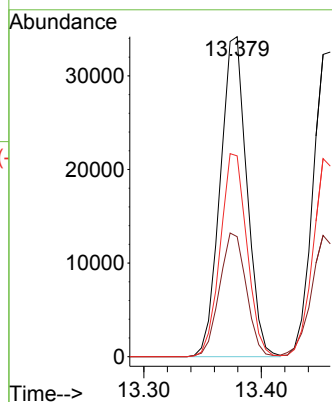
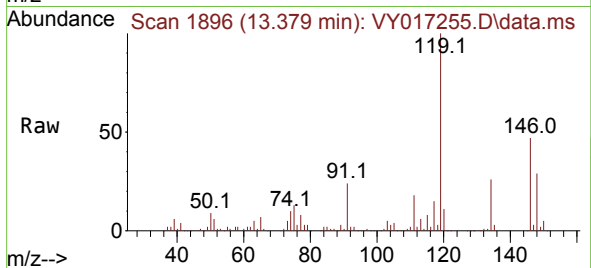
Tgt Ion:146 Resp: 53850

Ion Ratio Lower Upper

146 100

111 38.9 20.2 60.5

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.626 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

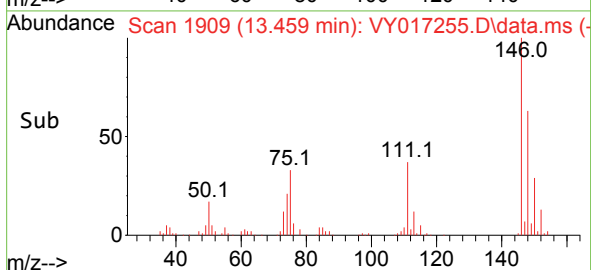
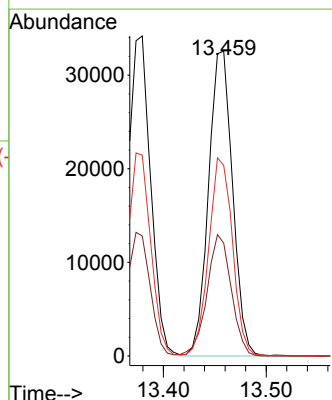
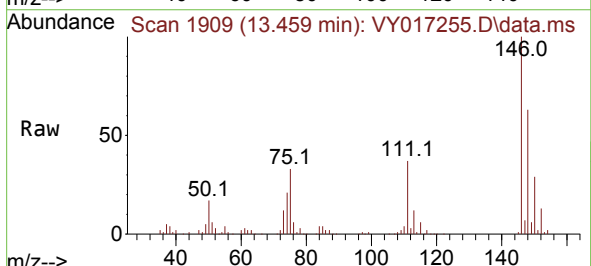
Tgt Ion:146 Resp: 52941

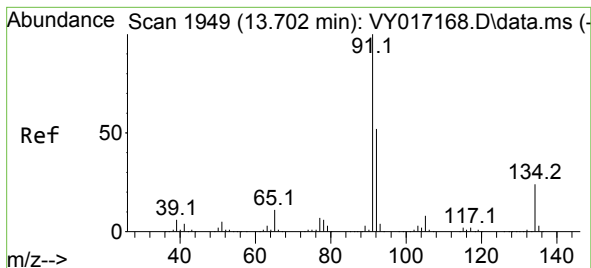
Ion Ratio Lower Upper

146 100

111 40.2 19.3 57.9

148 64.4 31.6 94.7





#89

n-Butylbenzene

Concen: 21.138 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

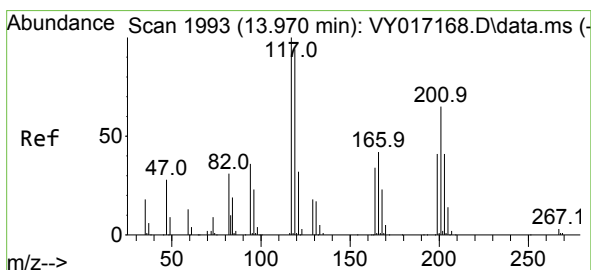
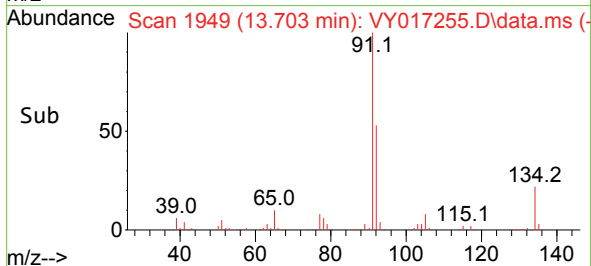
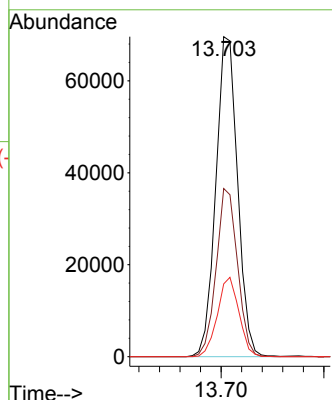
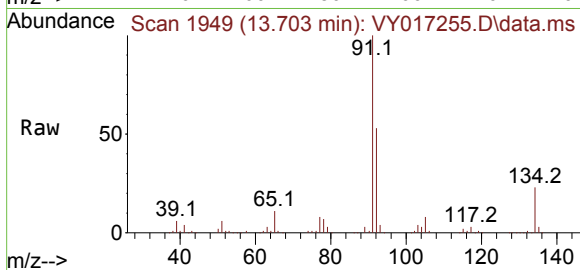
Tgt Ion: 91 Resp: 102166

Ion Ratio Lower Upper

91 100

92 51.5 26.4 79.2

134 24.5 12.3 36.8



#90

Hexachloroethane

Concen: 20.752 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY017255.D

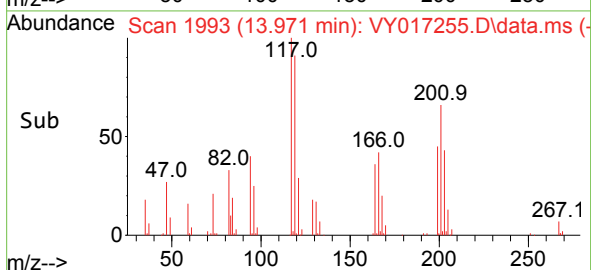
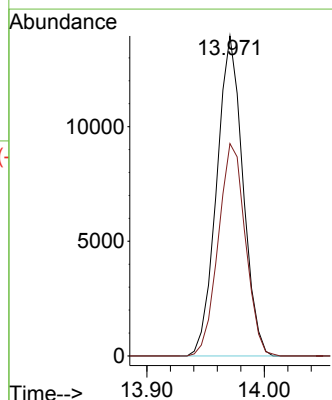
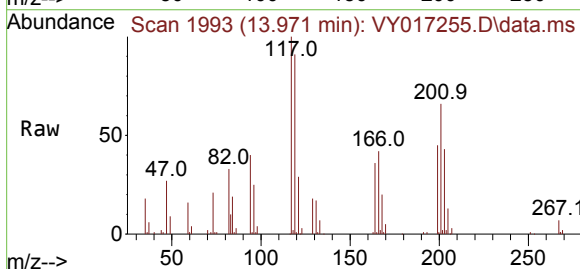
Acq: 06 Feb 2024 11:19

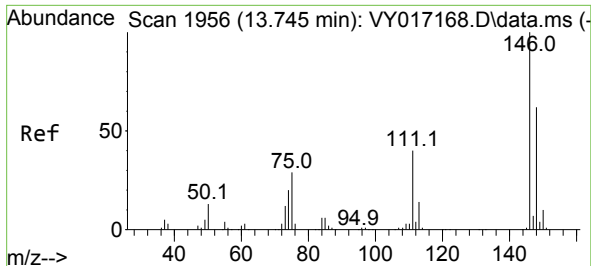
Tgt Ion: 117 Resp: 21657

Ion Ratio Lower Upper

117 100

201 68.7 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 20.519 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

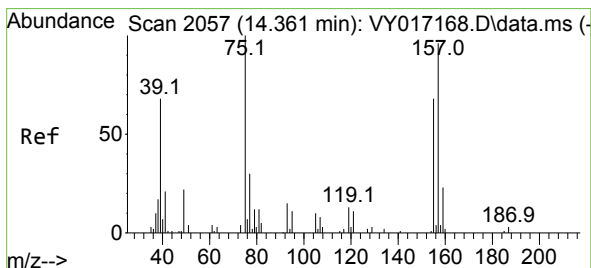
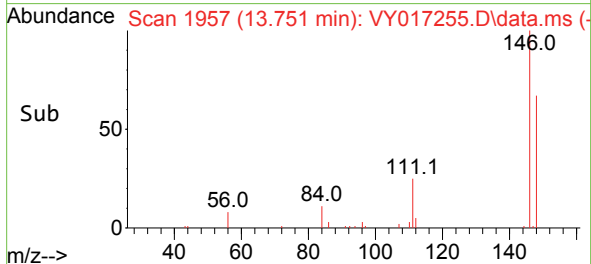
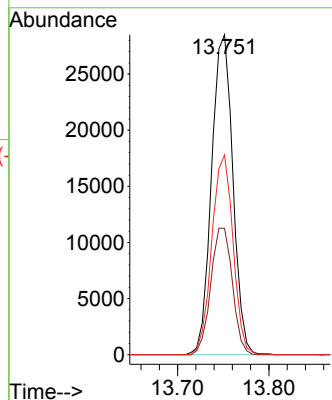
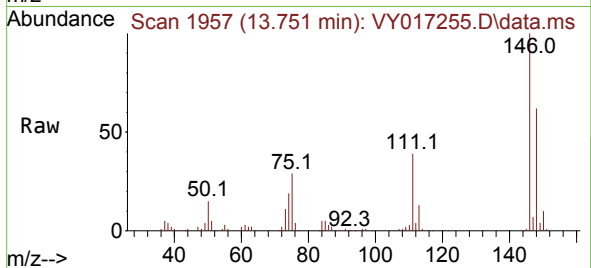
Tgt Ion:146 Resp: 46148

Ion Ratio Lower Upper

146 100

111 40.1 20.5 61.6

148 62.4 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.580 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

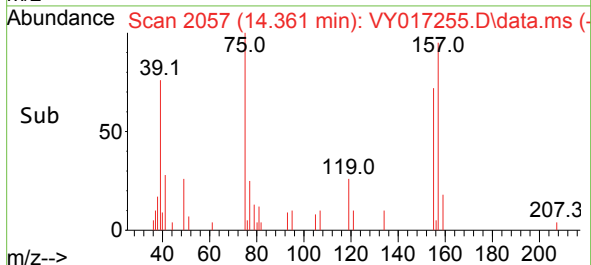
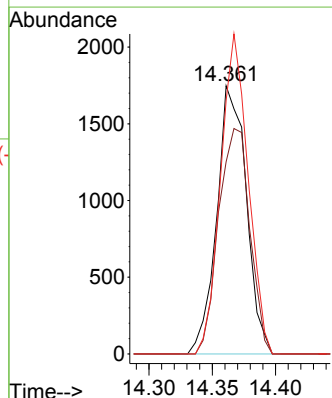
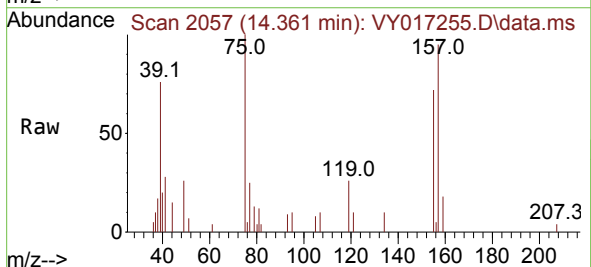
Tgt Ion: 75 Resp: 2842

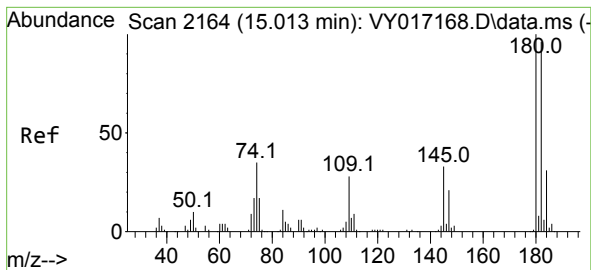
Ion Ratio Lower Upper

75 100

155 88.5 42.1 126.3

157 110.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.419 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

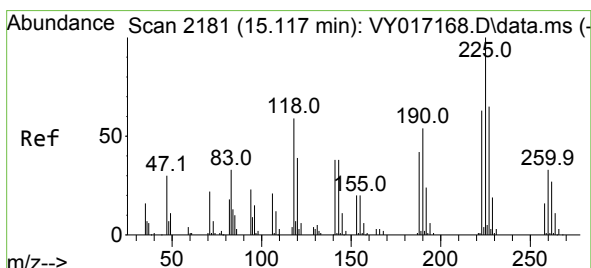
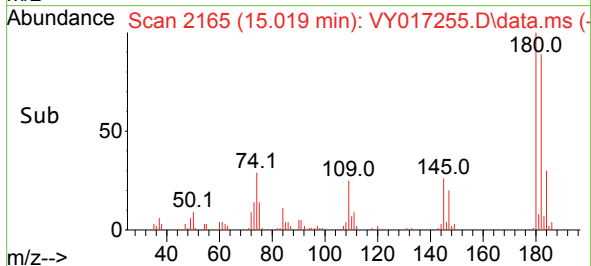
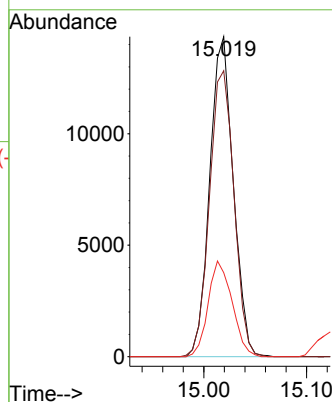
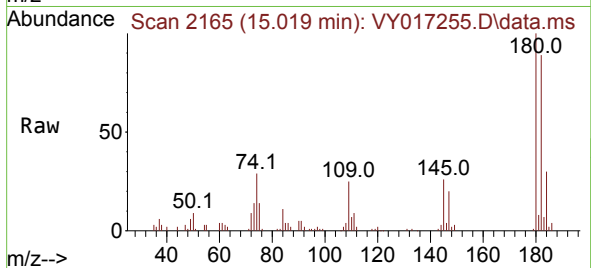
Tgt Ion:180 Resp: 22811

Ion Ratio Lower Upper

180 100

182 93.2 47.9 143.7

145 30.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 22.139 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.007 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

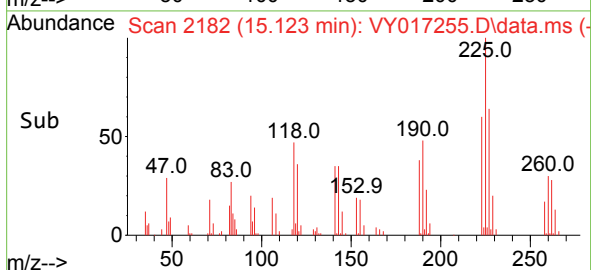
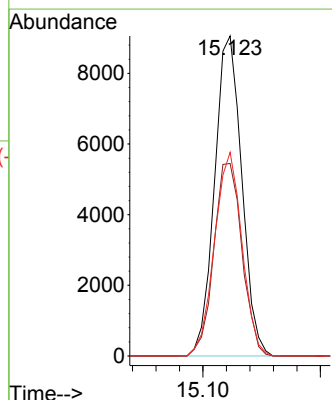
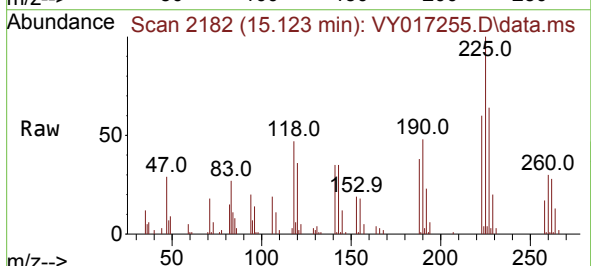
Tgt Ion:225 Resp: 14566

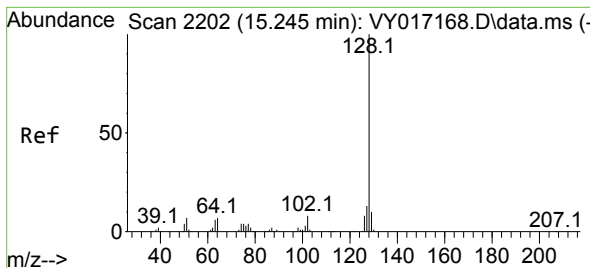
Ion Ratio Lower Upper

225 100

223 62.4 31.4 94.3

227 64.3 32.3 96.8





#95

Naphthalene

Concen: 19.255 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0206SBS01

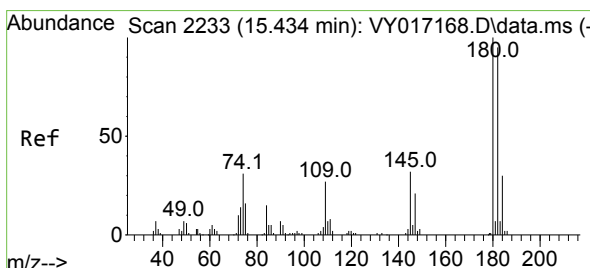
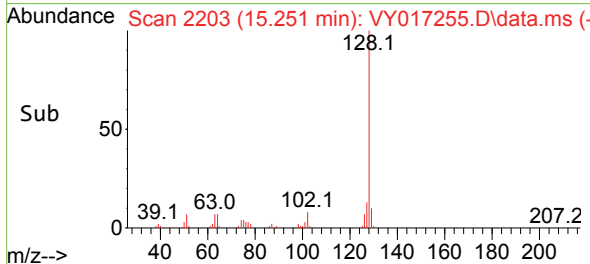
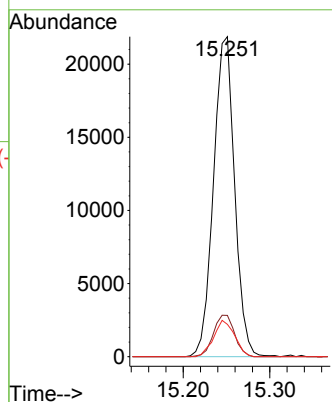
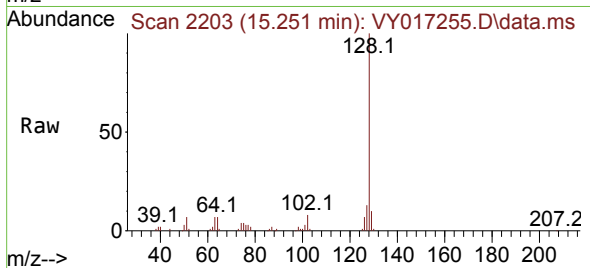
Tgt Ion:128 Resp: 37049

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.044 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017255.D

Acq: 06 Feb 2024 11:19

Tgt Ion:180 Resp: 19044

Ion Ratio Lower Upper

180 100

182 90.2 46.3 138.8

145 31.1 16.1 48.2

