

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016925.D
 Acq On : 05 Jan 2024 16:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 05 22:37:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	119160	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	210985	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	180562	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	74972	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	53064	45.056	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.120%
35) Dibromofluoromethane	7.752	113	57270	42.597	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.200%
50) Toluene-d8	10.203	98	204163	44.098	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.200%
62) 4-Bromofluorobenzene	12.502	95	65920	42.202	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	38672	42.521	ug/l	97
3) Chloromethane	2.125	50	77468	55.343	ug/l	98
4) Vinyl Chloride	2.266	62	84929	51.437	ug/l	100
5) Bromomethane	2.674	94	63434	53.627	ug/l	97
6) Chloroethane	2.820	64	58427	52.312	ug/l	98
7) Trichlorofluoromethane	3.150	101	94405	46.404	ug/l	99
8) Diethyl Ether	3.558	74	32153	49.454	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.930	101	60296	45.582	ug/l	98
10) Methyl Iodide	4.125	142	55699	49.495	ug/l	98
11) Tert butyl alcohol	5.009	59	21092	245.596	ug/l	100
12) 1,1-Dichloroethene	3.905	96	56148	49.472	ug/l	96
13) Acrolein	3.759	56	20827	159.310	ug/l	99
14) Allyl chloride	4.515	41	90979	50.706	ug/l	99
15) Acrylonitrile	5.198	53	76959	253.064	ug/l	100
16) Acetone	3.985	43	57715	193.367	ug/l	99
17) Carbon Disulfide	4.229	76	137781	50.807	ug/l	100
18) Methyl Acetate	4.515	43	77621	61.517	ug/l	99
19) Methyl tert-butyl Ether	5.259	73	152401	51.613	ug/l	100
20) Methylene Chloride	4.753	84	73010	47.584	ug/l	96
21) trans-1,2-Dichloroethene	5.259	96	66001	50.775	ug/l	98
22) Diisopropyl ether	6.155	45	218897	52.771	ug/l	95
23) Vinyl Acetate	6.100	43	447428	235.241	ug/l	100
24) 1,1-Dichloroethane	6.051	63	130421	52.321	ug/l	99
25) 2-Butanone	7.021	43	92366	229.004	ug/l	96
26) 2,2-Dichloropropane	7.015	77	94082	43.530	ug/l	99
27) cis-1,2-Dichloroethene	7.021	96	79484	52.164	ug/l	99
28) Bromochloromethane	7.368	49	54748	58.503	ug/l	99
29) Tetrahydrofuran	7.387	42	61059	256.154	ug/l	97
30) Chloroform	7.539	83	133227	51.864	ug/l	98
31) Cyclohexane	7.813	56	94383	46.693	ug/l	95
32) 1,1,1-Trichloroethane	7.734	97	110664	50.808	ug/l	100
36) 1,1-Dichloropropene	7.947	75	93457	47.697	ug/l	99
37) Ethyl Acetate	7.112	43	42155	47.343	ug/l	99
38) Carbon Tetrachloride	7.929	117	92193	46.312	ug/l	99
39) Methylcyclohexane	9.209	83	102169	46.383	ug/l	97
40) Benzene	8.191	78	289216	49.205	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	24674	52.615	ug/l	95
42) 1,2-Dichloroethane	8.264	62	75715	48.523	ug/l	99
43) Isopropyl Acetate	8.301	43	81354	47.711	ug/l	99
44) Trichloroethene	8.966	130	71867	48.051	ug/l	99
45) 1,2-Dichloropropane	9.240	63	74638	49.291	ug/l	99
46) Dibromomethane	9.331	93	37766	48.903	ug/l	97
47) Bromodichloromethane	9.520	83	99289	47.878	ug/l	97
48) Methyl methacrylate	9.313	41	45735	49.700	ug/l	97
49) 1,4-Dioxane	9.331	88	7760	970.455	ug/l	99
51) 4-Methyl-2-Pentanone	10.093	43	227400	250.765	ug/l	100
52) Toluene	10.270	92	175047	49.347	ug/l	99
53) t-1,3-Dichloropropene	10.490	75	86908	46.786	ug/l	99
54) cis-1,3-Dichloropropene	9.953	75	105833	47.442	ug/l	99
55) 1,1,2-Trichloroethane	10.666	97	54103	47.954	ug/l	98
56) Ethyl methacrylate	10.532	69	48183	50.421	ug/l	97
57) 1,3-Dichloropropane	10.813	76	91822	48.746	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	151355	251.582	ug/l	98
59) 2-Hexanone	10.855	43	148816	222.871	ug/l	100
60) Dibromochloromethane	11.008	129	61669	47.398	ug/l	100
61) 1,2-Dibromoethane	11.111	107	48004	48.972	ug/l	98
64) Tetrachloroethene	10.746	164	60232	51.453	ug/l	95
65) Chlorobenzene	11.538	112	180987	48.116	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	67718	47.359	ug/l	98
67) Ethyl Benzene	11.611	91	333191	49.202	ug/l	99
68) m/p-Xylenes	11.721	106	243204	97.841	ug/l	99
69) o-Xylene	12.050	106	117738	50.525	ug/l	98
70) Styrene	12.063	104	170761	50.349	ug/l	99
71) Bromoform	12.227	173	33611	47.749	ug/l #	97
73) Isopropylbenzene	12.349	105	315640	51.556	ug/l	100
74) N-amyl acetate	12.160	43	63103	51.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	60980	48.884	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	72065	88.577	ug/l #	100
77) Bromobenzene	12.630	156	65686	48.731	ug/l	98
78) n-propylbenzene	12.690	91	374923	50.373	ug/l	100
79) 2-Chlorotoluene	12.776	91	205397	49.766	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	244261	50.447	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	16377	45.709	ug/l	98
82) 4-Chlorotoluene	12.873	91	211093	50.063	ug/l	99
83) tert-Butylbenzene	13.093	119	216963	50.874	ug/l	98
84) 1,2,4-Trimethylbenzene	13.142	105	242489	50.853	ug/l	99
85) sec-Butylbenzene	13.270	105	309095	48.914	ug/l	99
86) p-Isopropyltoluene	13.385	119	254775	48.852	ug/l	100
87) 1,3-Dichlorobenzene	13.385	146	127351	48.173	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	122106	47.225	ug/l	99
89) n-Butylbenzene	13.715	91	236016	47.068	ug/l	99
90) Hexachloroethane	13.983	117	53407	47.657	ug/l	99
91) 1,2-Dichlorobenzene	13.757	146	109360	47.869	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	7696	49.199	ug/l	98
93) 1,2,4-Trichlorobenzene	15.025	180	54234	47.806	ug/l	99
94) Hexachlorobutadiene	15.129	225	28685	40.362	ug/l	100
95) Naphthalene	15.257	128	111579	53.489	ug/l	100
96) 1,2,3-Trichlorobenzene	15.446	180	47021	48.814	ug/l	100

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QLast Update : Tue Jan 02 14:25:32 2024
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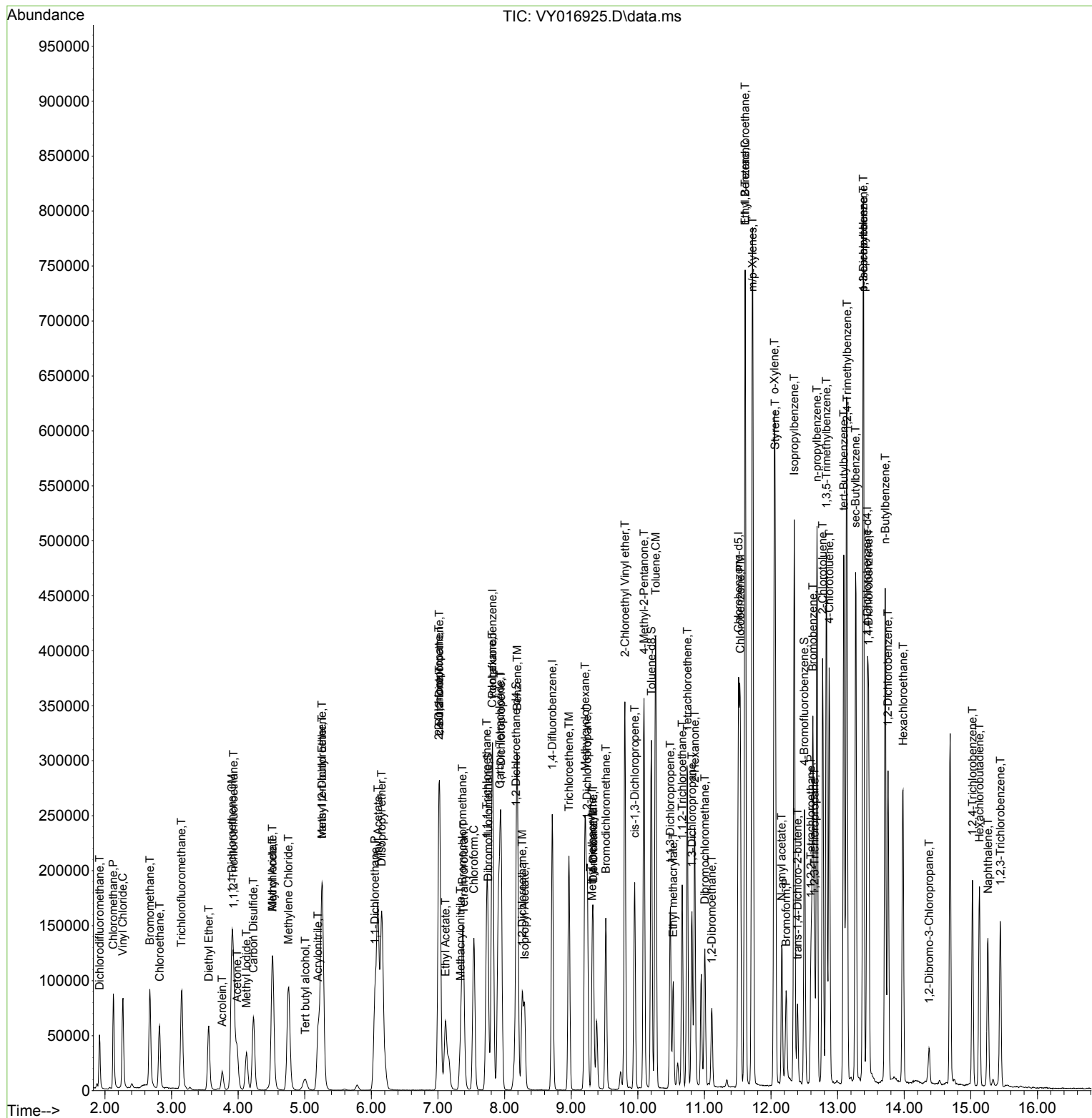
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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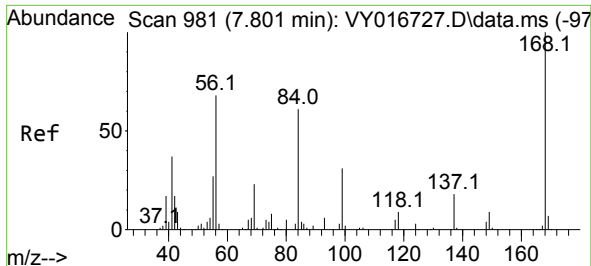
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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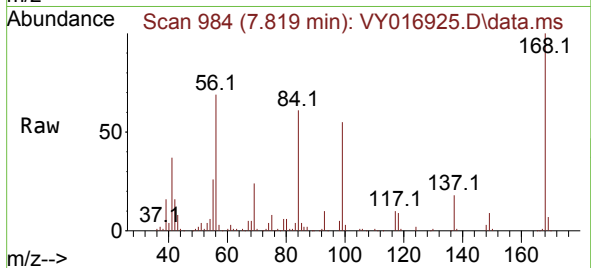
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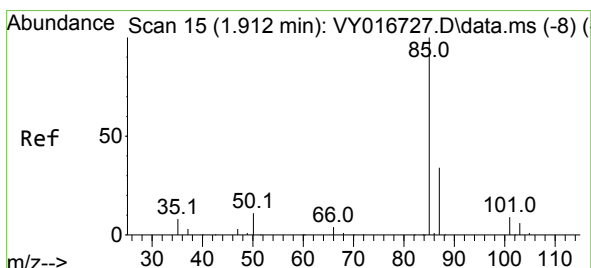
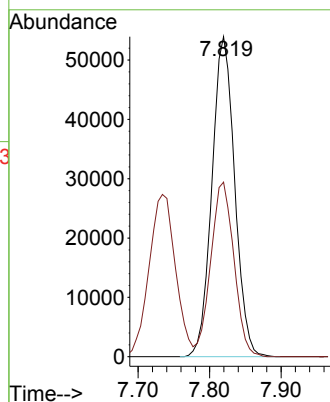
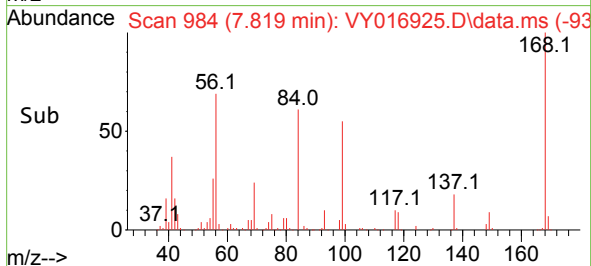


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
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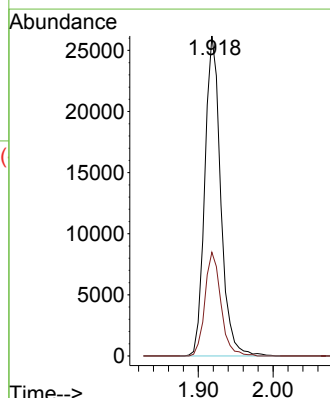
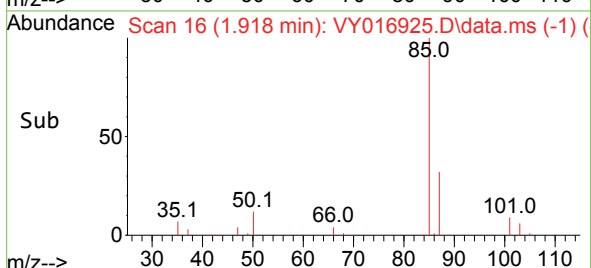
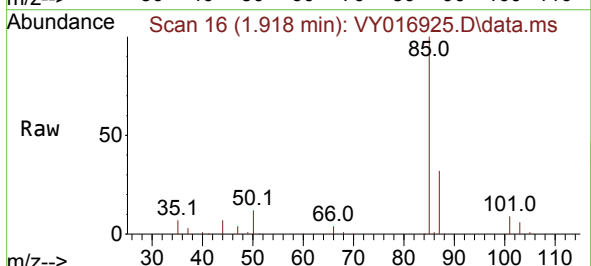


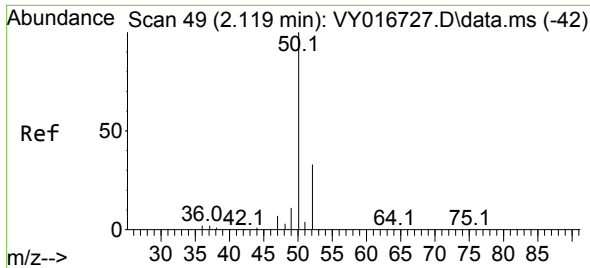
Tgt Ion:168 Resp: 119160
Ion Ratio Lower Upper
168 100
99 54.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 42.521 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 85 Resp: 38672
Ion Ratio Lower Upper
85 100
87 32.4 17.1 51.3

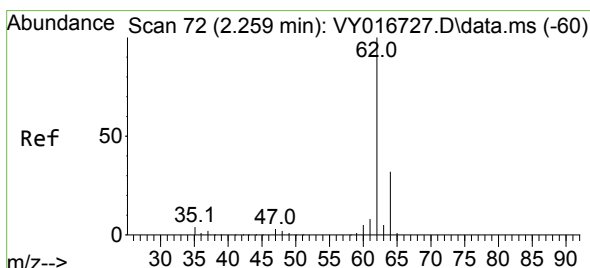
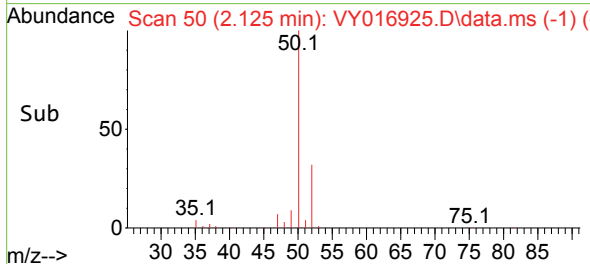
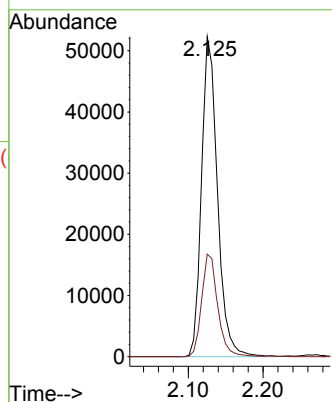
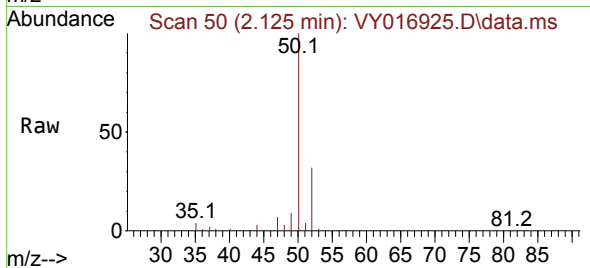




#3
Chloromethane
Concen: 55.343 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

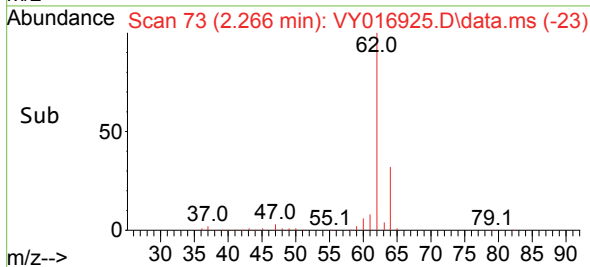
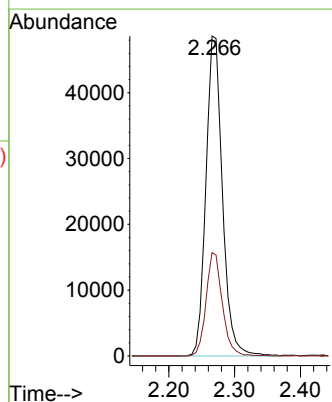
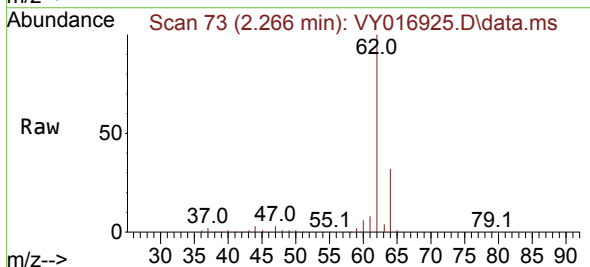
Instrument :
MSVOA_Y
ClientSampleId :

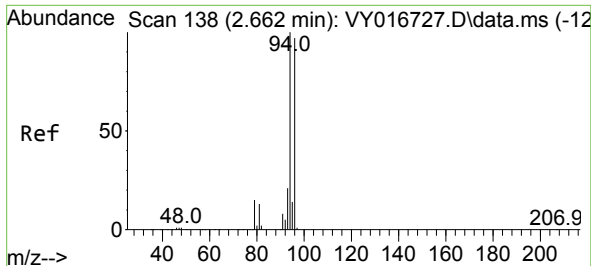
Tgt Ion: 50 Resp: 77468
Ion Ratio Lower Upper
50 100
52 32.1 26.7 40.1



#4
Vinyl Chloride
Concen: 51.437 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.007 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 62 Resp: 84929
Ion Ratio Lower Upper
62 100
64 32.3 25.7 38.5





#5

Bromomethane

Concen: 53.627 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

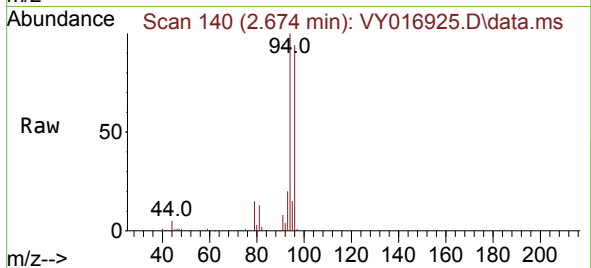
Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

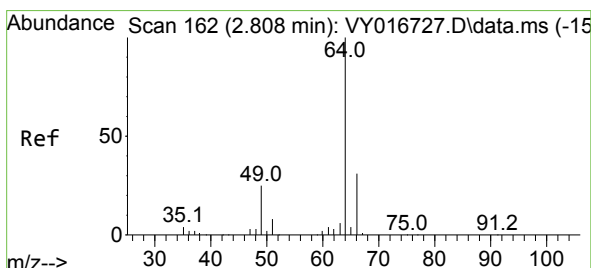
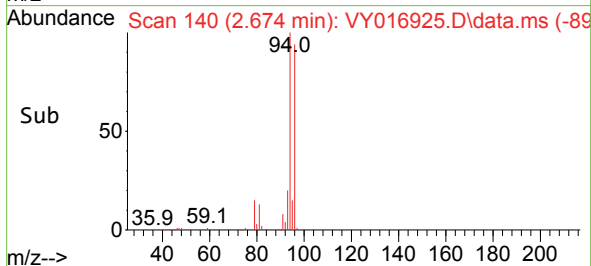
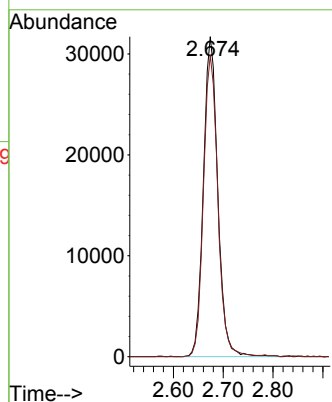


Tgt Ion: 94 Resp: 63434

Ion Ratio Lower Upper

94 100

96 94.1 77.3 115.9



#6

Chloroethane

Concen: 52.312 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.012 min

Lab File: VY016925.D

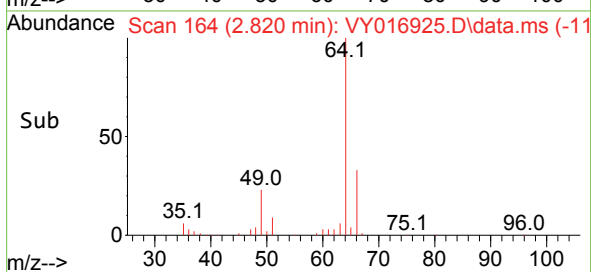
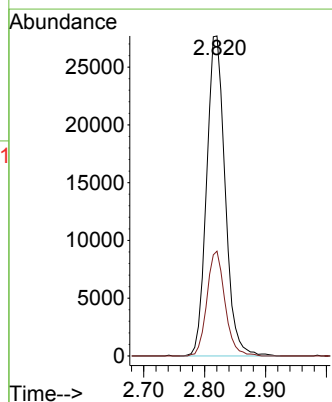
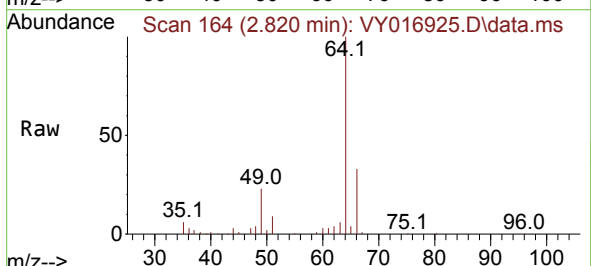
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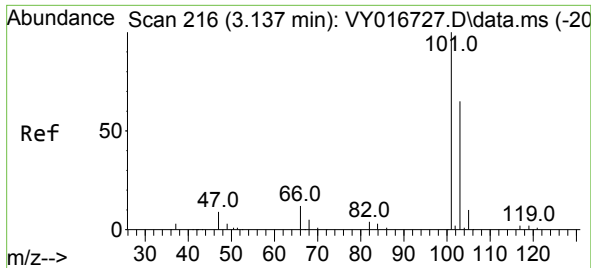
Tgt Ion: 64 Resp: 58427

Ion Ratio Lower Upper

64 100

66 32.8 25.1 37.7

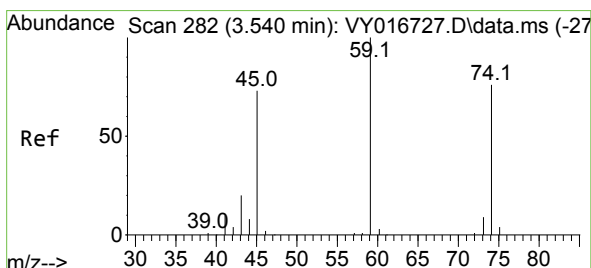
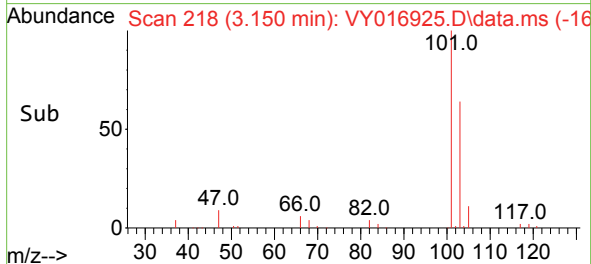
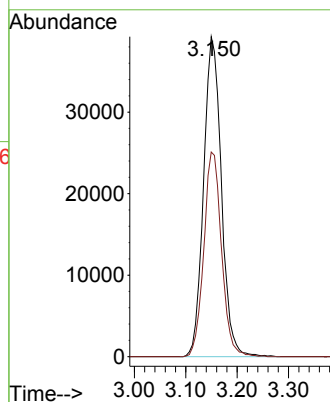
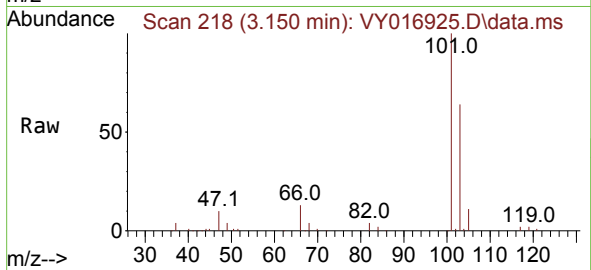




#7
Trichlorofluoromethane
Concen: 46.404 ug/l
RT: 3.150 min Scan# 216
Delta R.T. 0.013 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

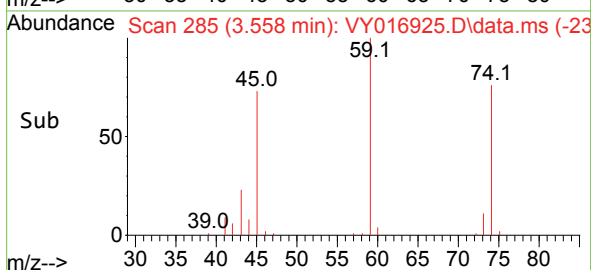
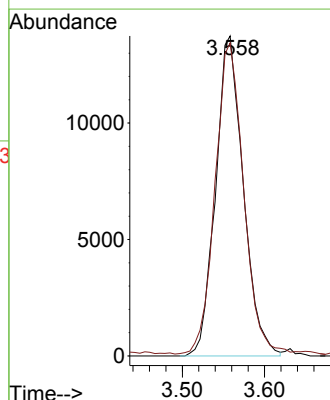
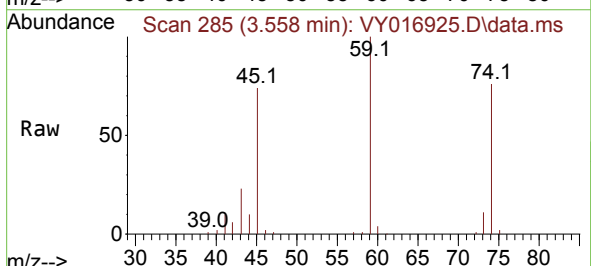
Instrument :
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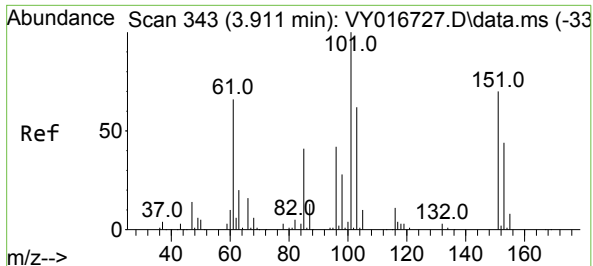
Tgt Ion:101 Resp: 94405
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9



#8
Diethyl Ether
Concen: 49.454 ug/l
RT: 3.558 min Scan# 285
Delta R.T. 0.018 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 74 Resp: 32153
Ion Ratio Lower Upper
74 100
45 100.0 47.9 143.7

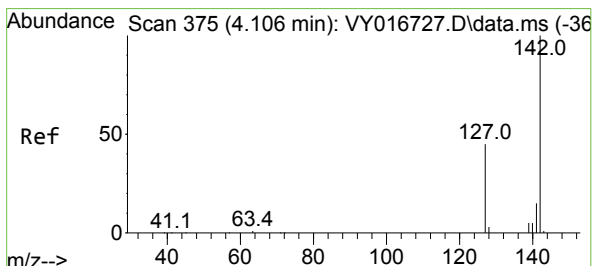
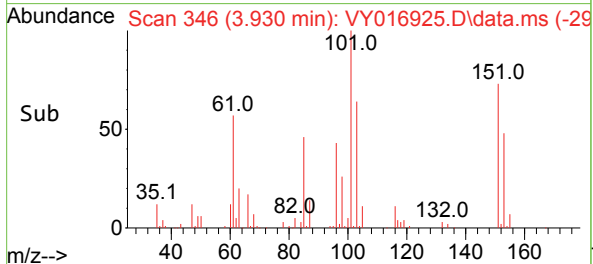
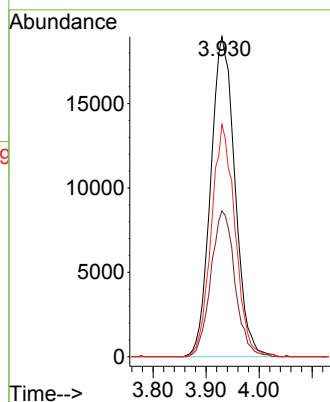
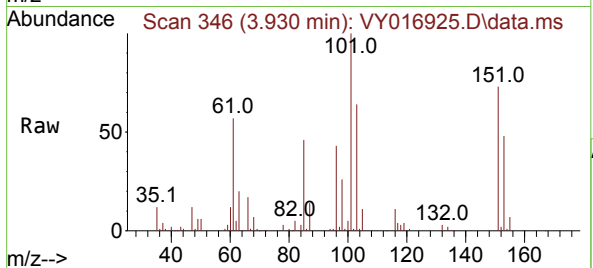




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.582 ug/l
RT: 3.930 min Scan# 343
Delta R.T. 0.019 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

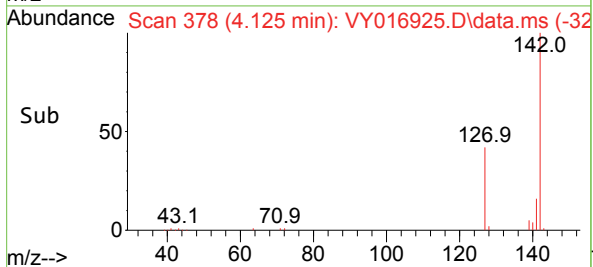
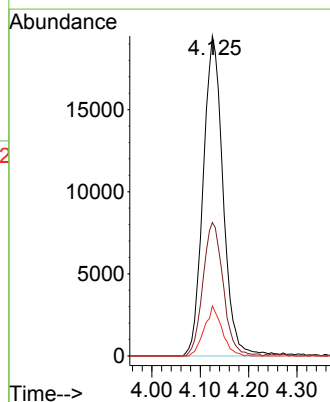
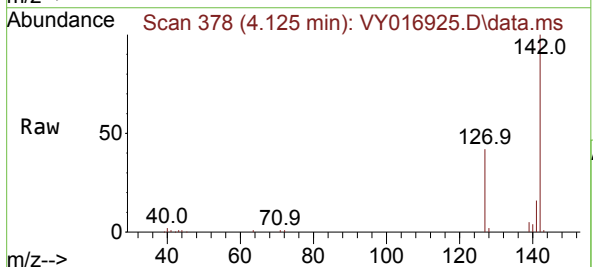
Instrument :
MSVOA_Y
ClientSampleId :

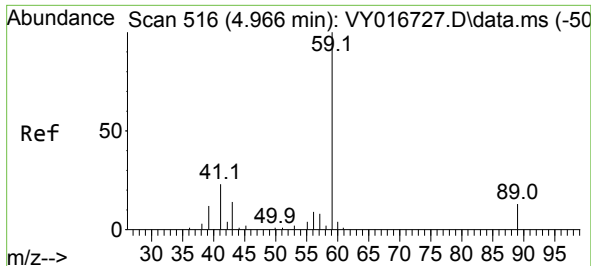
Tgt Ion:101 Resp: 60296
Ion Ratio Lower Upper
101 100
85 45.2 35.8 53.6
151 70.9 58.6 88.0



#10
Methyl Iodide
Concen: 49.495 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.019 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

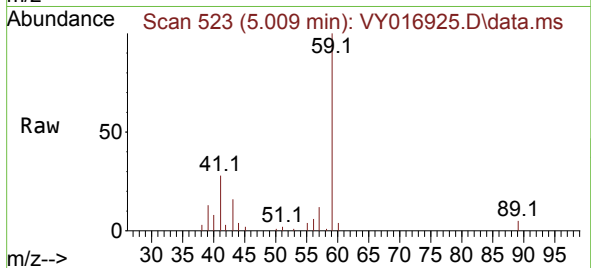
Tgt Ion:142 Resp: 55699
Ion Ratio Lower Upper
142 100
127 42.5 35.1 52.7
141 13.9 11.8 17.6



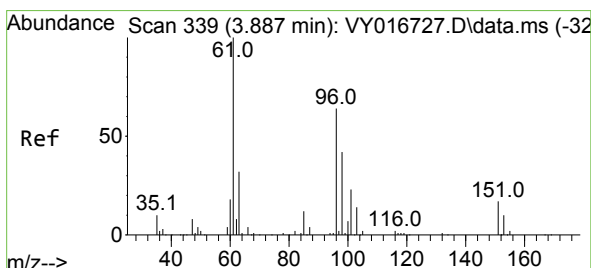
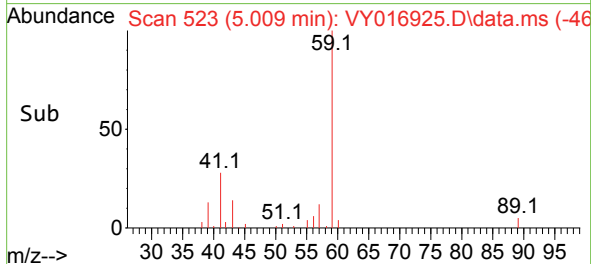
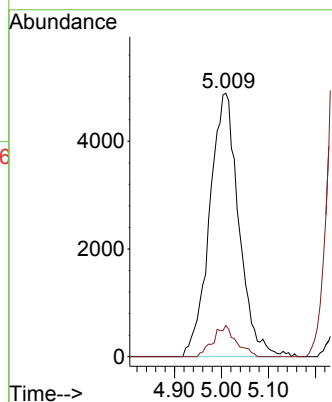


#11
Tert butyl alcohol
Concen: 245.596 ug/l
RT: 5.009 min Scan# 51
Delta R.T. 0.043 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

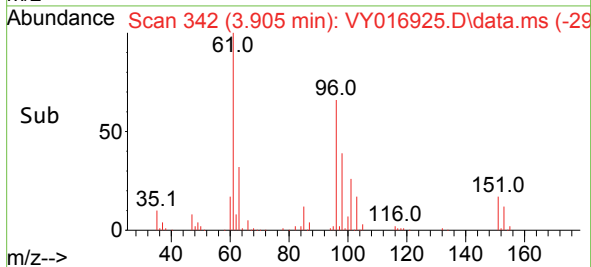
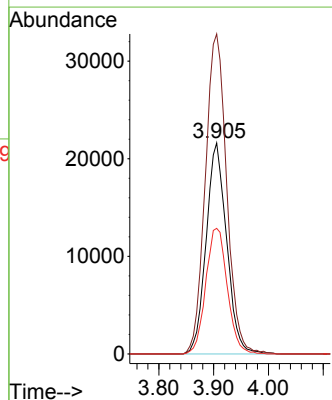
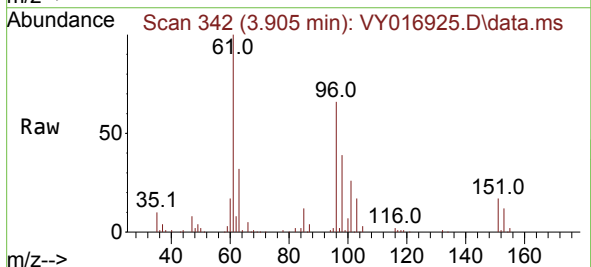


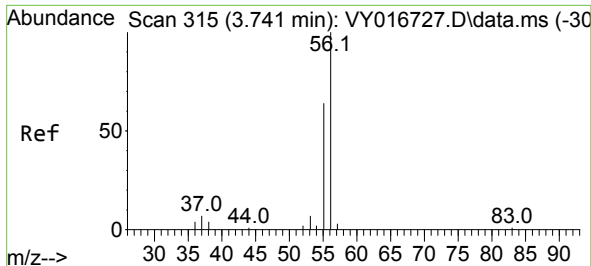
Tgt Ion: 59 Resp: 21092
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.0



#12
1,1-Dichloroethene
Concen: 49.472 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 96 Resp: 56148
Ion Ratio Lower Upper
96 100
61 151.6 124.2 186.2
98 59.5 52.6 79.0





#13

Acrolein

Concen: 159.310 ug/l

RT: 3.759 min Scan# 315

Delta R.T. 0.018 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

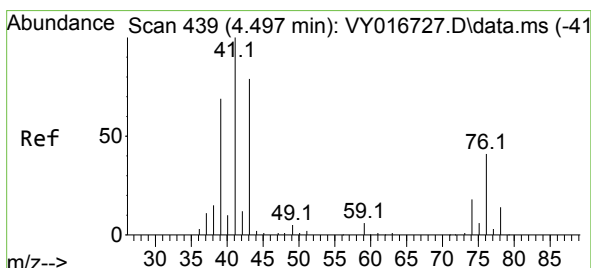
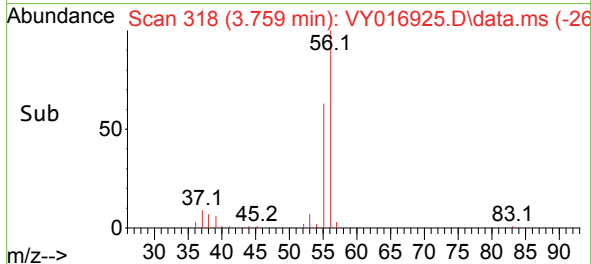
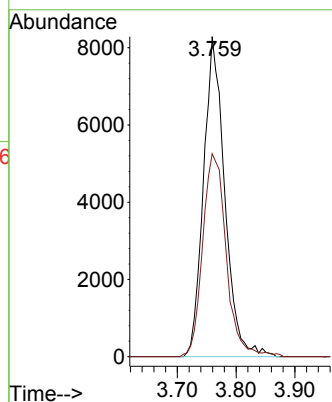
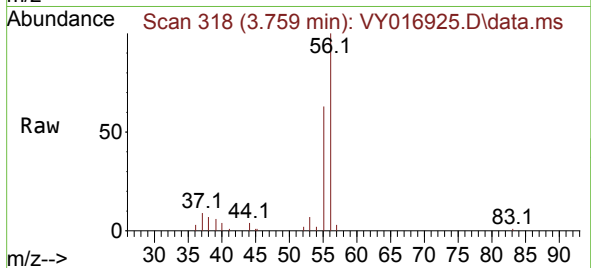
ClientSampleId :

Tgt Ion: 56 Resp: 20827

Ion Ratio Lower Upper

56 100

55 70.2 55.4 83.0



#14

Allyl chloride

Concen: 50.706 ug/l

RT: 4.515 min Scan# 442

Delta R.T. 0.018 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

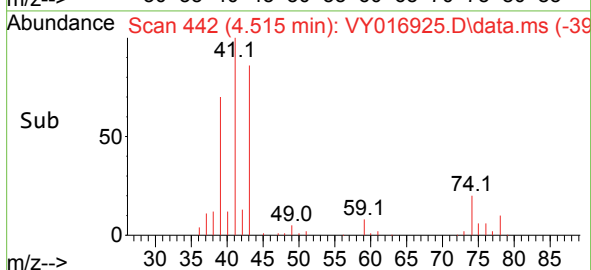
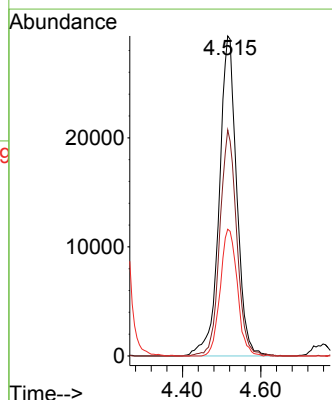
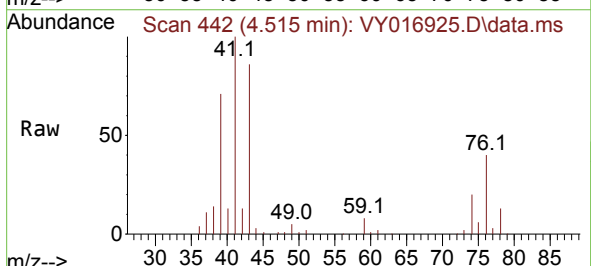
Tgt Ion: 41 Resp: 90979

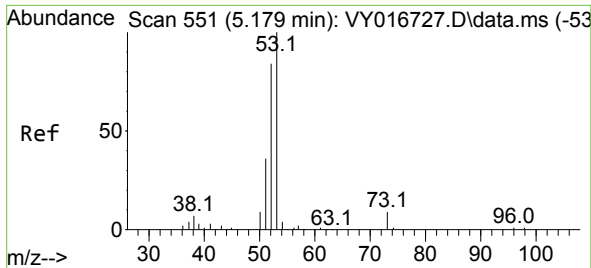
Ion Ratio Lower Upper

41 100

39 68.6 54.7 82.1

76 38.7 31.8 47.6





#15

Acrylonitrile

Concen: 253.064 ug/l

RT: 5.198 min Scan# 51

Delta R.T. 0.019 min

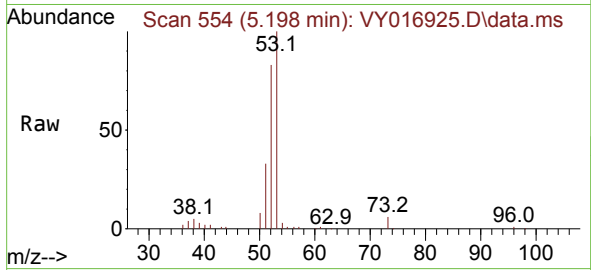
Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

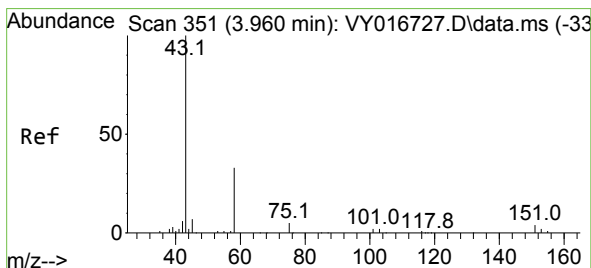
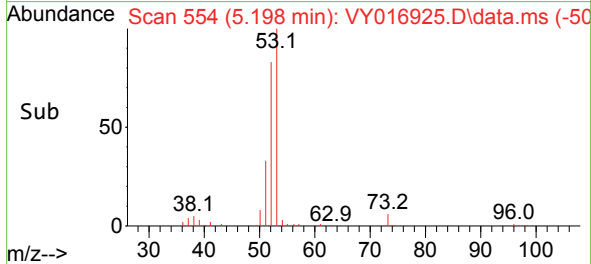
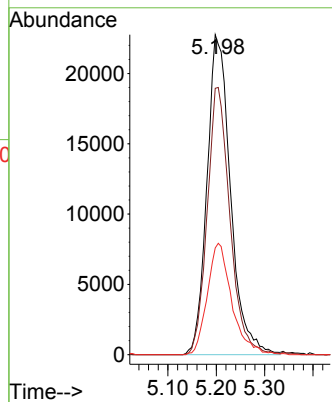
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	53	Resp:	76959
Ion	Ratio	Lower	Upper
53	100		
52	80.9	65.1	97.7
51	36.3	29.0	43.4



#16

Acetone

Concen: 193.367 ug/l

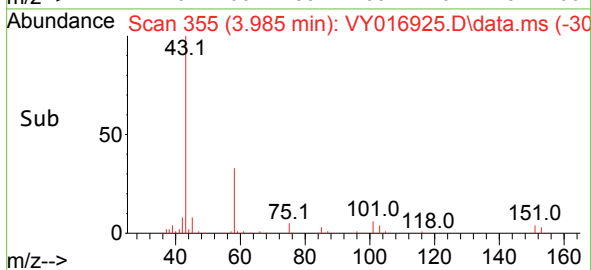
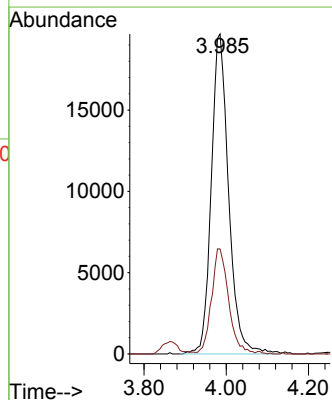
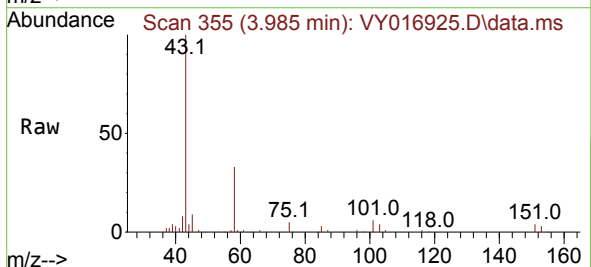
RT: 3.985 min Scan# 355

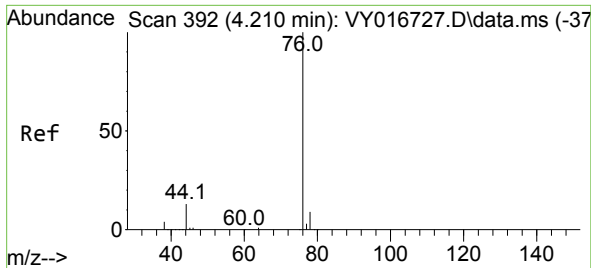
Delta R.T. 0.025 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Tgt Ion:	43	Resp:	57715
Ion	Ratio	Lower	Upper
43	100		
58	32.8	26.6	39.8

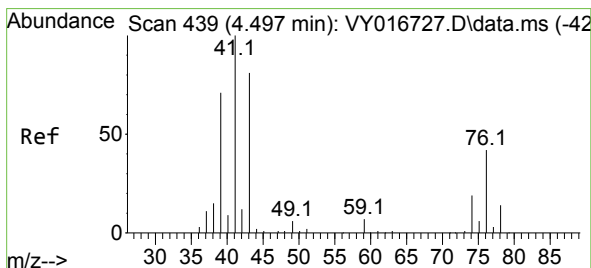
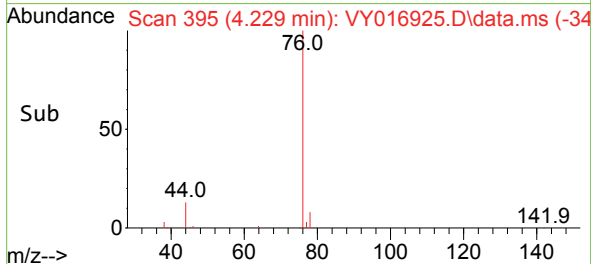
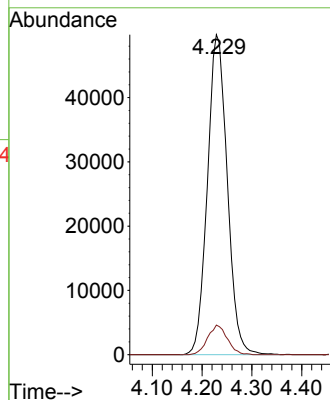
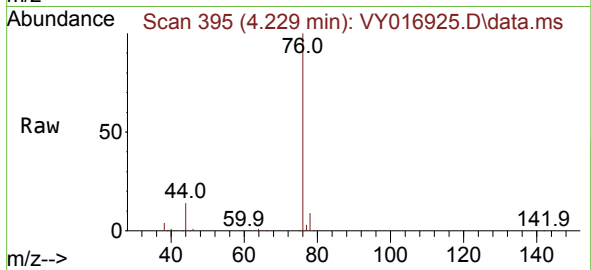




#17
Carbon Disulfide
Concen: 50.807 ug/l
RT: 4.229 min Scan# 395
Delta R.T. 0.019 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

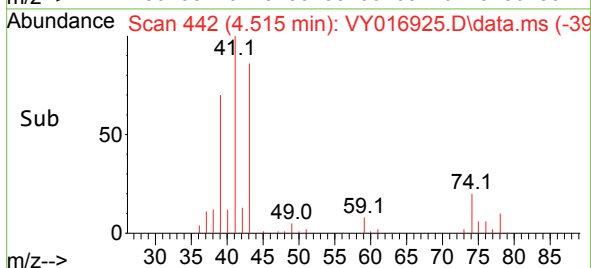
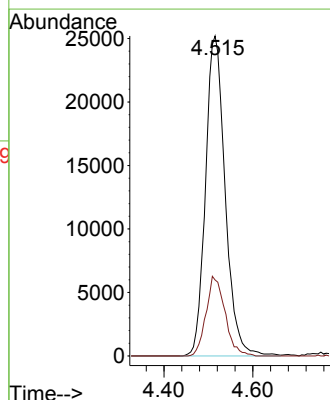
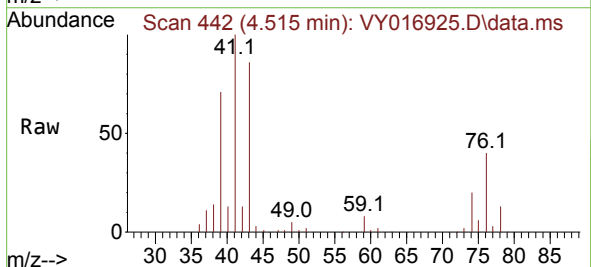
Instrument :
MSVOA_Y
ClientSampleId :

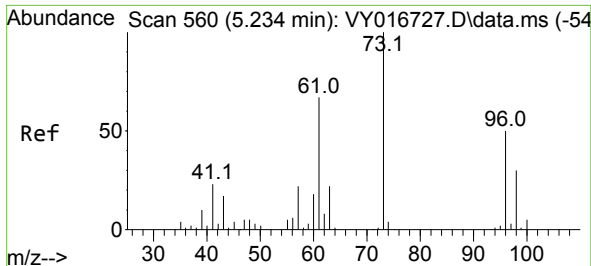
Tgt Ion: 76 Resp: 137781
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 61.517 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 43 Resp: 77621
Ion Ratio Lower Upper
43 100
74 24.1 19.8 29.6

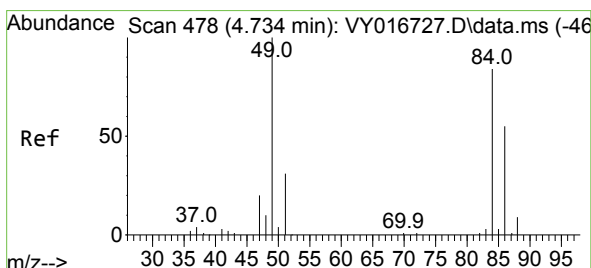
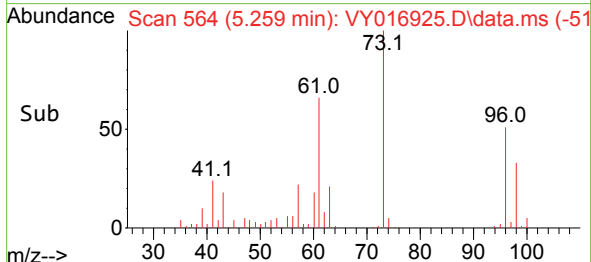
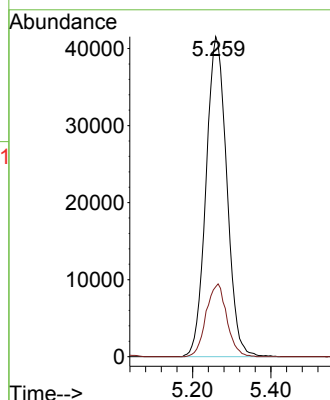
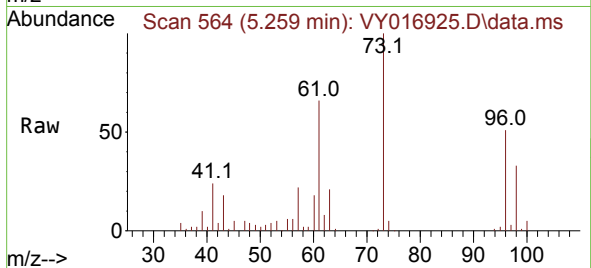




#19
Methyl tert-butyl Ether
Concen: 51.613 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

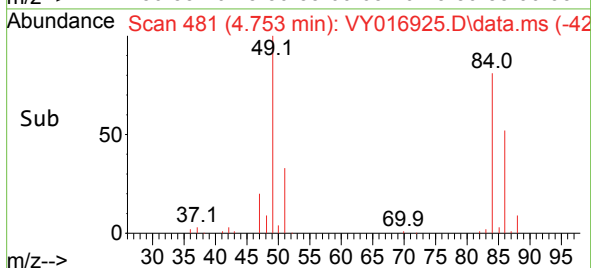
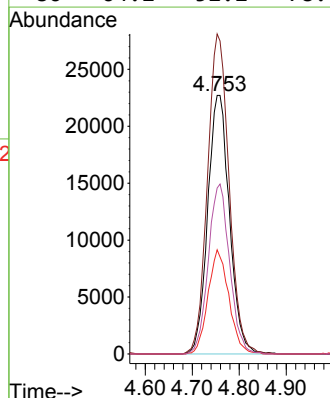
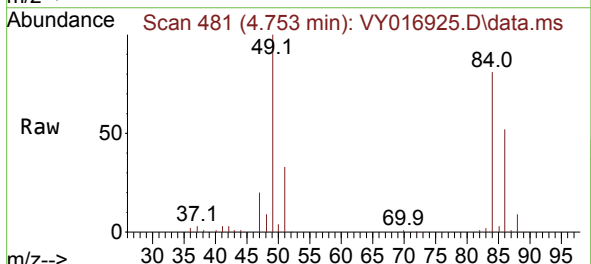
Instrument :
MSVOA_Y
ClientSampleId :

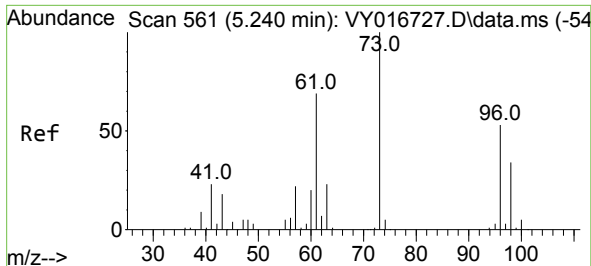
Tgt Ion: 73 Resp: 152401
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 47.584 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 84 Resp: 73010
Ion Ratio Lower Upper
84 100
49 123.8 95.2 142.8
51 40.3 29.9 44.9
86 64.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.775 ug/l

RT: 5.259 min Scan# 5

Delta R.T. 0.019 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

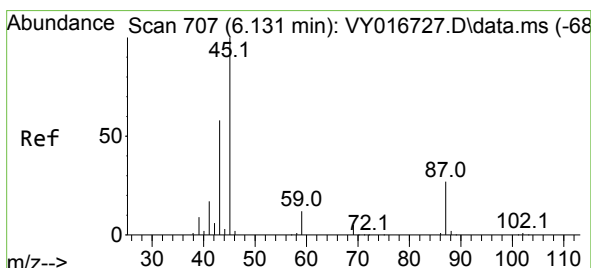
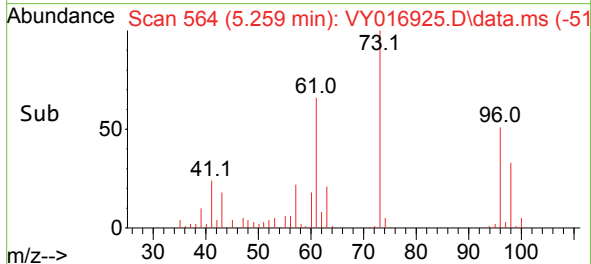
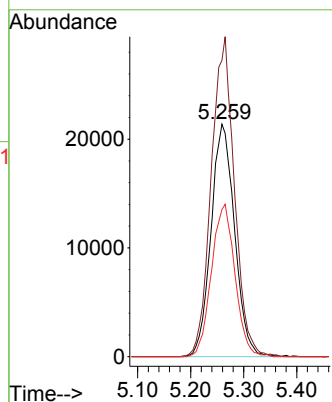
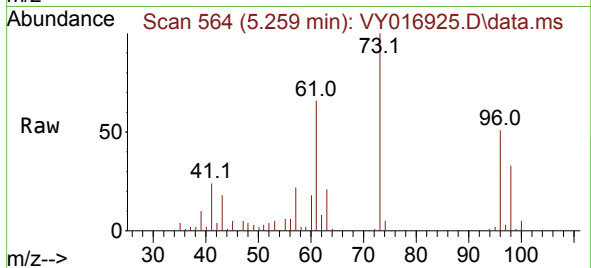
Tgt Ion: 96 Resp: 66001

Ion Ratio Lower Upper

96 100

61 127.5 104.6 156.8

98 63.3 50.9 76.3



#22

Diisopropyl ether

Concen: 52.771 ug/l

RT: 6.155 min Scan# 711

Delta R.T. 0.024 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Tgt Ion: 45 Resp: 218897

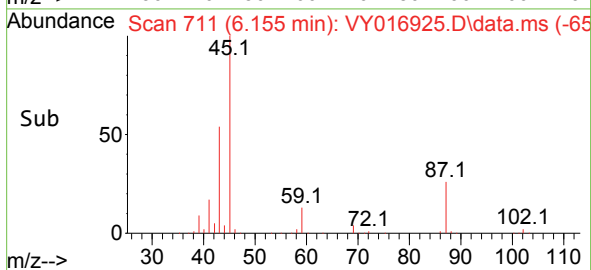
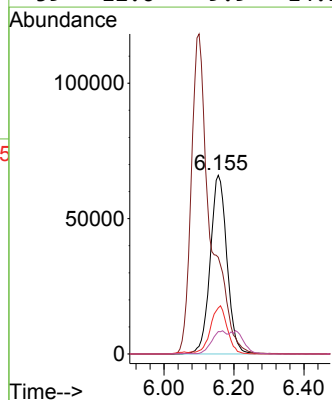
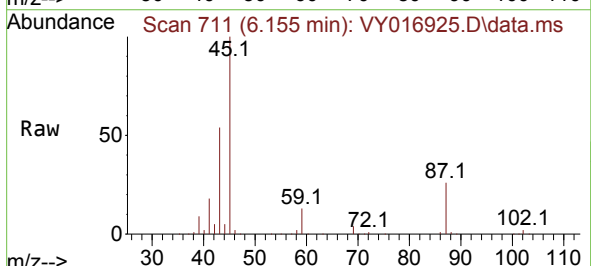
Ion Ratio Lower Upper

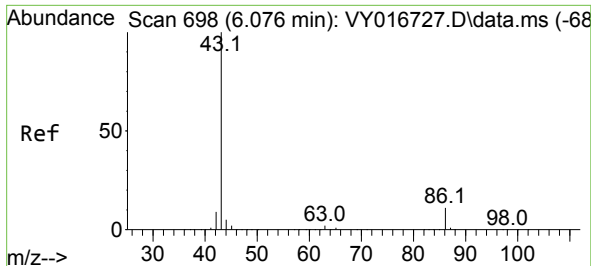
45 100

43 53.9 46.8 70.2

87 25.8 22.2 33.2

59 12.6 9.9 14.9

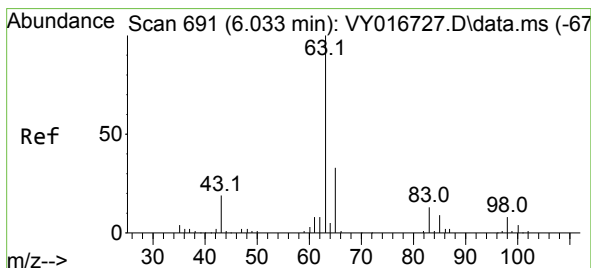
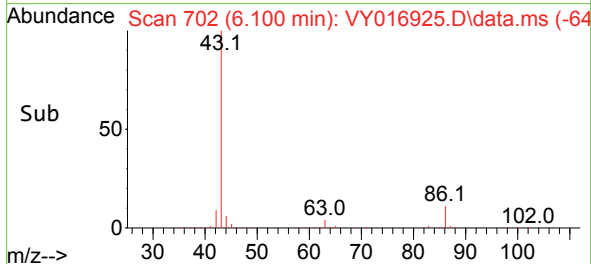
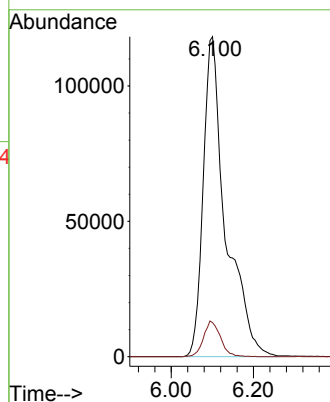
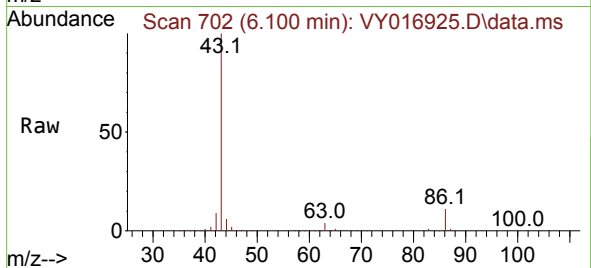




#23
Vinyl Acetate
Concen: 235.241 ug/l
RT: 6.100 min Scan# 702
Delta R.T. 0.024 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

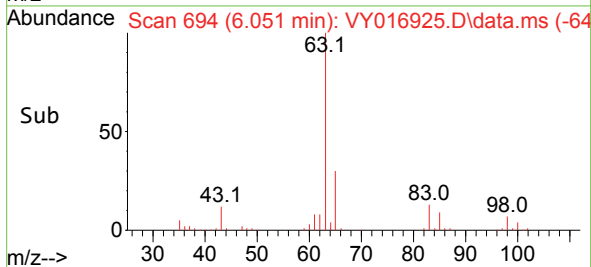
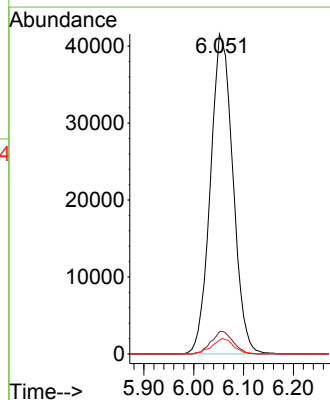
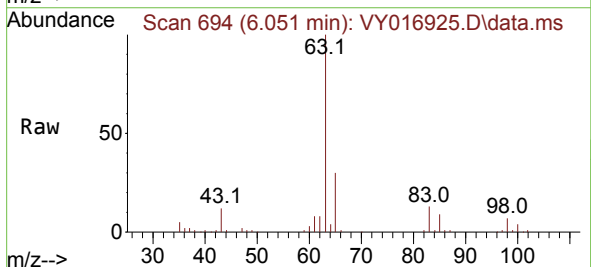
Instrument :
MSVOA_Y
ClientSampleId :

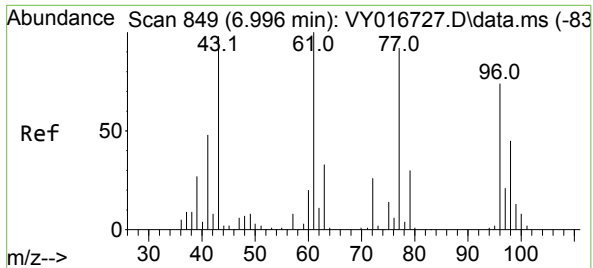
Tgt Ion: 43 Resp: 447428
Ion Ratio Lower Upper
43 100
86 10.7 8.6 13.0



#24
1,1-Dichloroethane
Concen: 52.321 ug/l
RT: 6.051 min Scan# 694
Delta R.T. 0.018 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 63 Resp: 130421
Ion Ratio Lower Upper
63 100
98 6.9 3.8 11.4
100 4.3 2.1 6.2





#25

2-Butanone

Concen: 229.004 ug/l

RT: 7.021 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

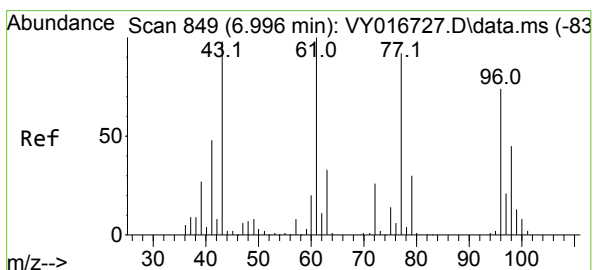
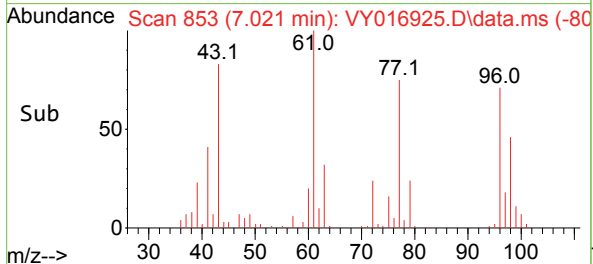
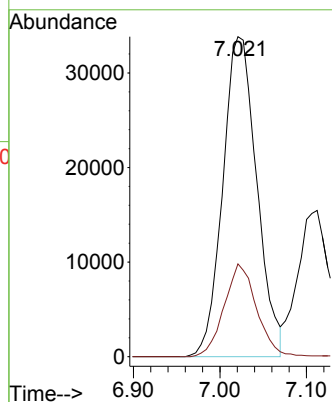
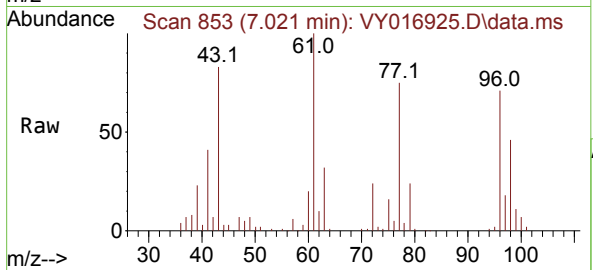
ClientSampleId :

Tgt Ion: 43 Resp: 92366

Ion Ratio Lower Upper

43 100

72 29.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 43.530 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY016925.D

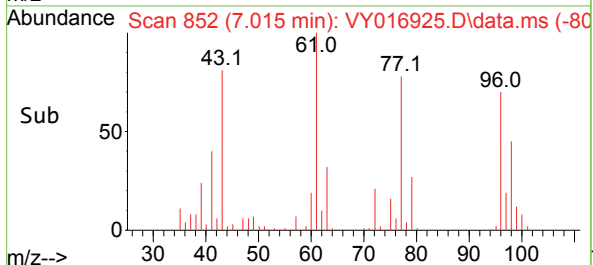
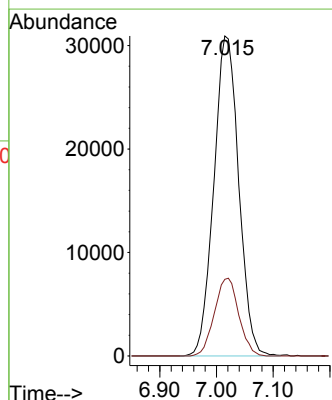
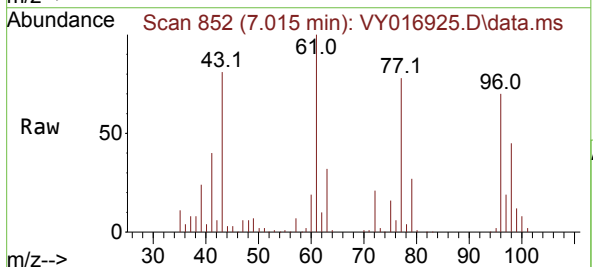
Acq: 05 Jan 2024 16:57

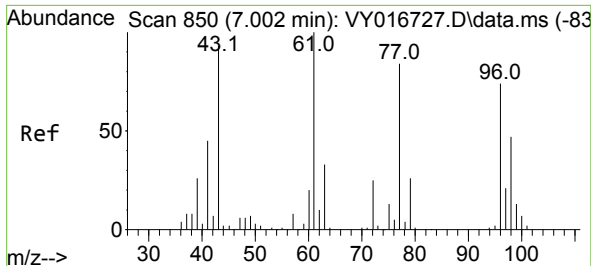
Tgt Ion: 77 Resp: 94082

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 52.164 ug/l

RT: 7.021 min Scan# 81

Delta R.T. 0.019 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

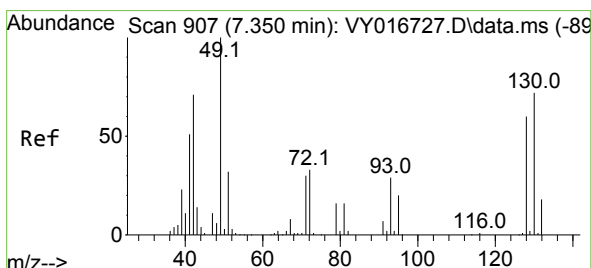
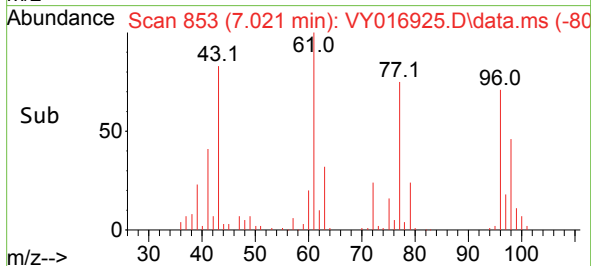
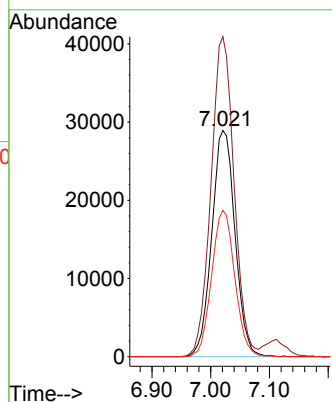
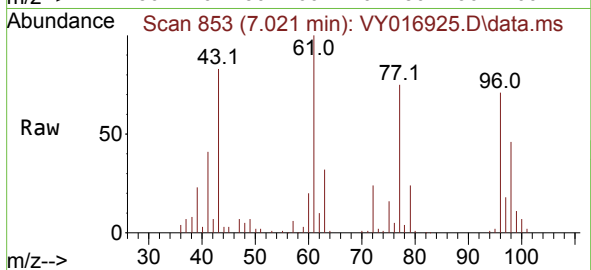
Tgt Ion: 96 Resp: 79484

Ion Ratio Lower Upper

96 100

61 140.6 0.0 278.8

98 64.4 0.0 127.0



#28

Bromochloromethane

Concen: 58.503 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

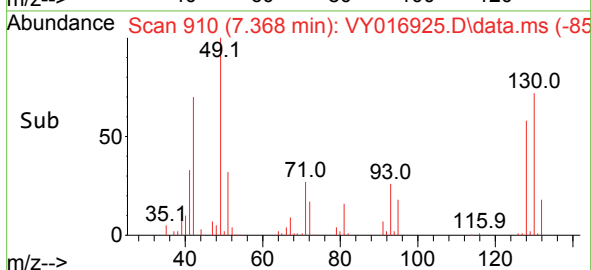
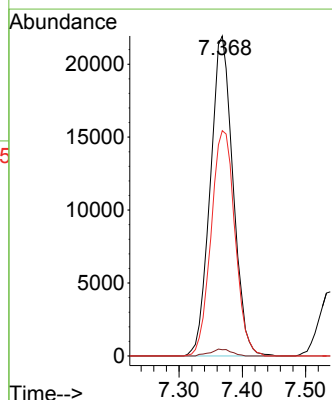
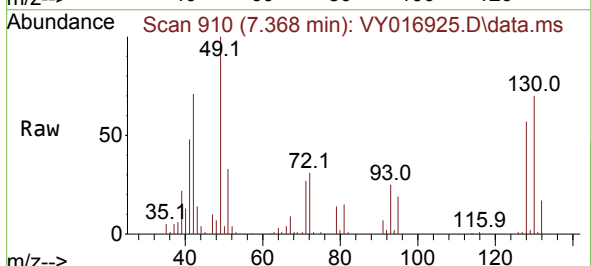
Tgt Ion: 49 Resp: 54748

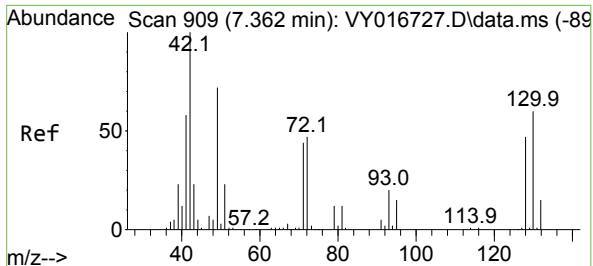
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 73.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 256.154 ug/l

RT: 7.387 min Scan# 91

Delta R.T. 0.025 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

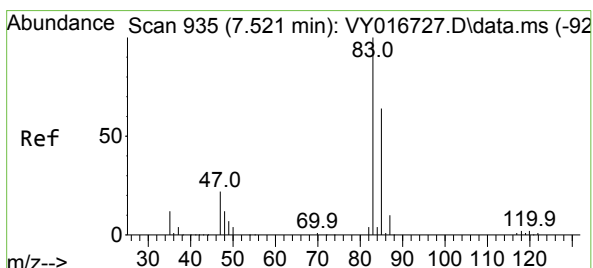
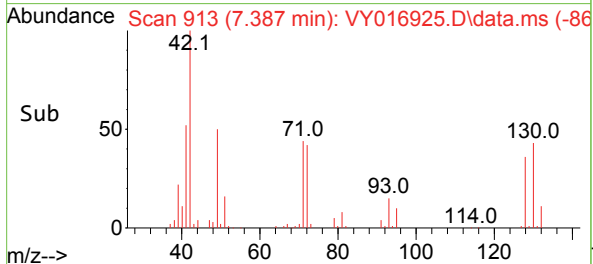
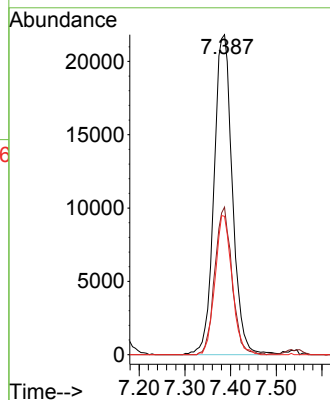
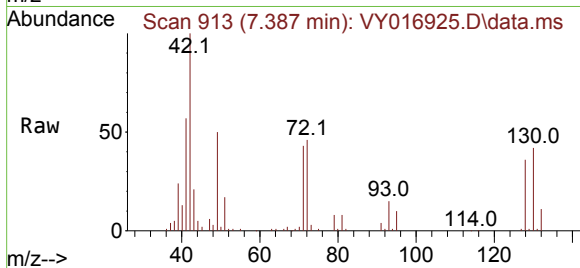
Tgt Ion: 42 Resp: 61059

Ion Ratio Lower Upper

42 100

72 43.2 36.6 54.8

71 40.4 33.8 50.6



#30

Chloroform

Concen: 51.864 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.018 min

Lab File: VY016925.D

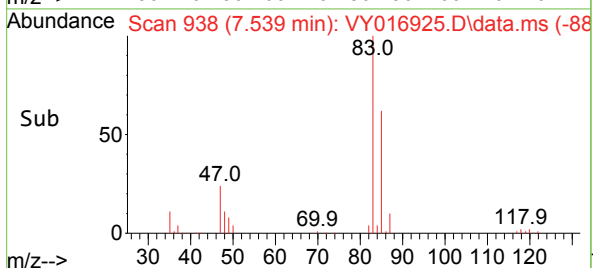
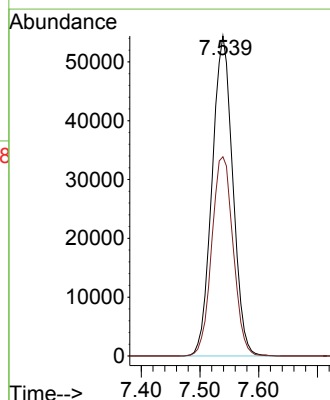
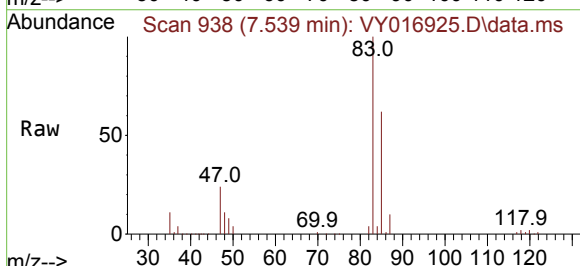
Acq: 05 Jan 2024 16:57

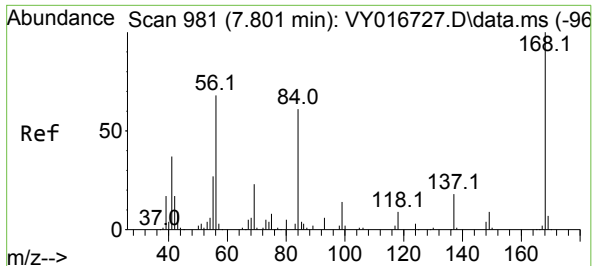
Tgt Ion: 83 Resp: 133227

Ion Ratio Lower Upper

83 100

85 62.3 51.2 76.8

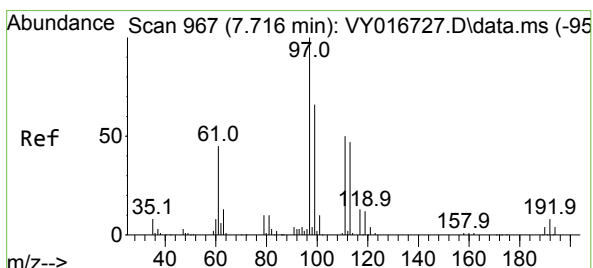
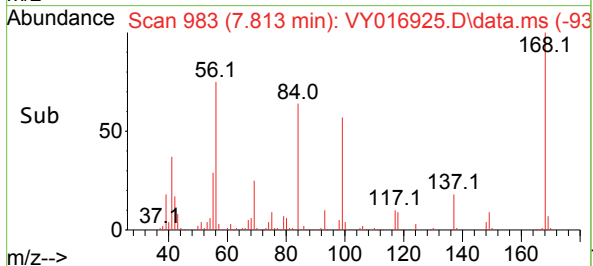
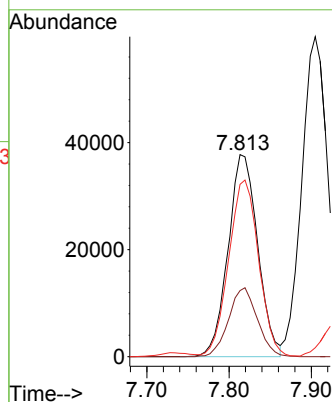
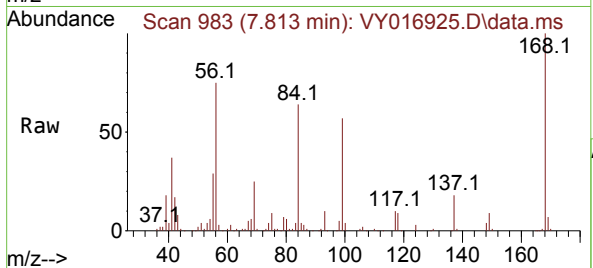




#31
Cyclohexane
Concen: 46.693 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

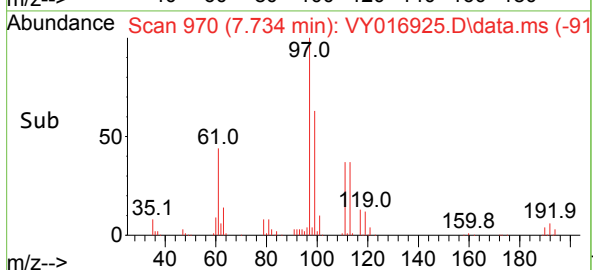
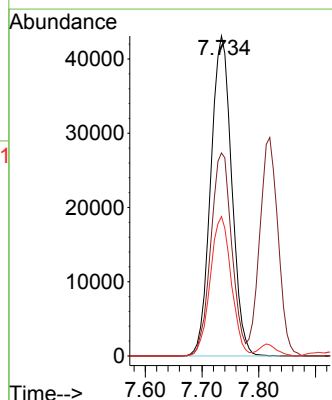
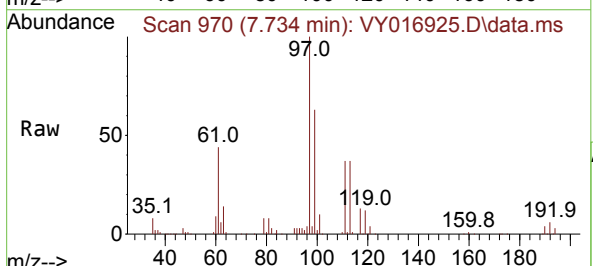
Instrument :
MSVOA_Y
ClientSampleId :

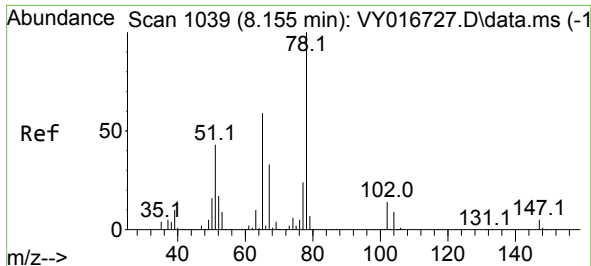
Tgt Ion: 56 Resp: 94383
Ion Ratio Lower Upper
56 100
69 32.7 27.0 40.6
84 83.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 50.808 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 97 Resp: 110664
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 43.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 45.056 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

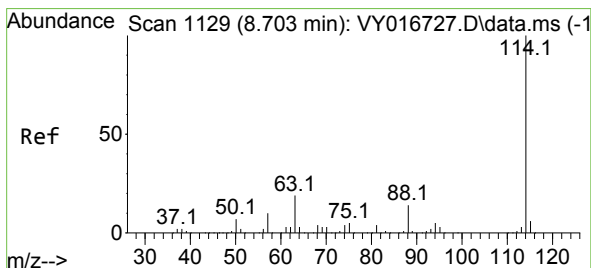
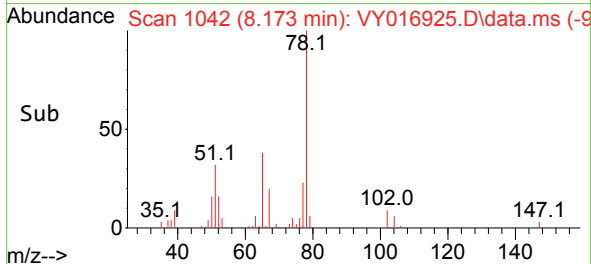
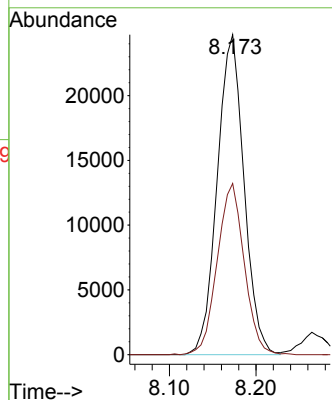
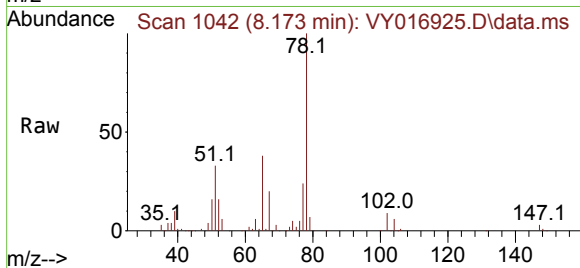
ClientSampleId :

Tgt Ion: 65 Resp: 53064

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

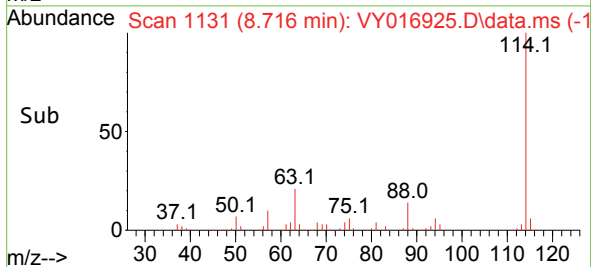
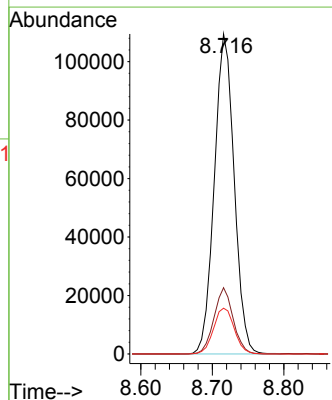
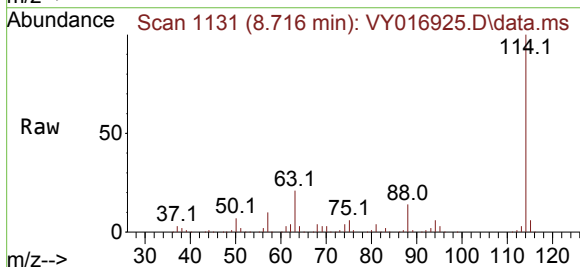
Tgt Ion: 114 Resp: 210985

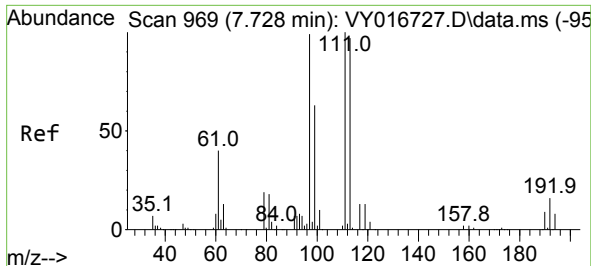
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

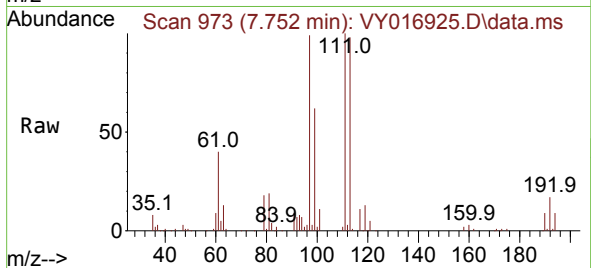
88 14.3 0.0 29.0



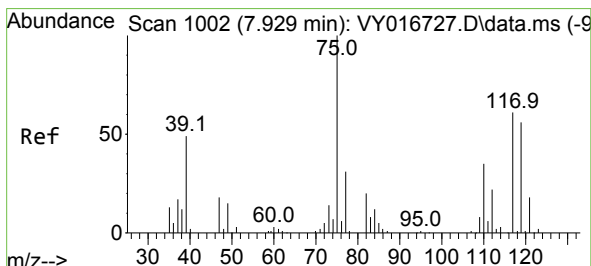
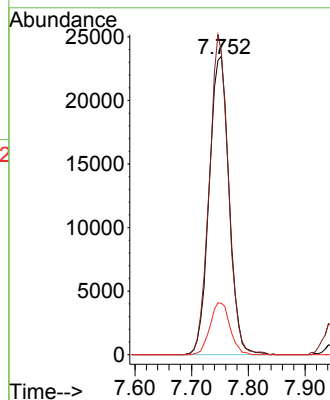
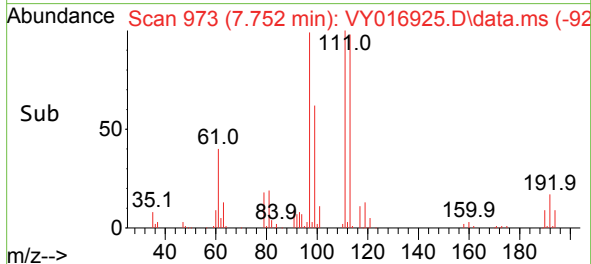


#35
Dibromofluoromethane
Concen: 42.597 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

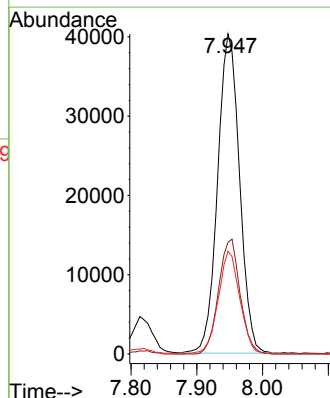
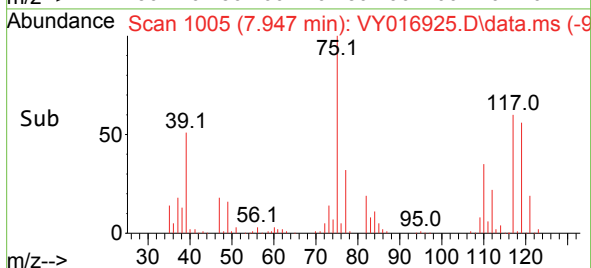
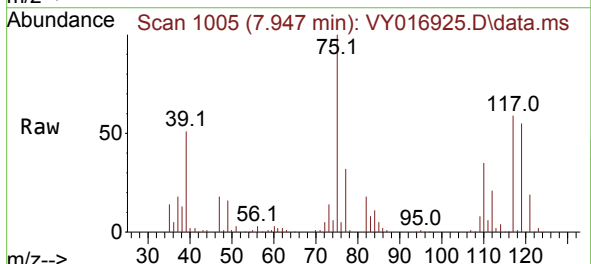


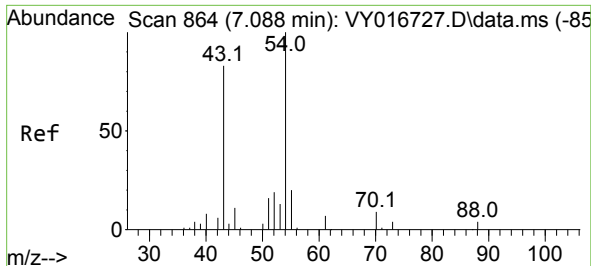
Tgt Ion:113 Resp: 57270
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 17.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 47.697 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 75 Resp: 93457
Ion Ratio Lower Upper
75 100
110 35.3 17.4 52.3
77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 47.343 ug/l

RT: 7.112 min Scan# 80

Delta R.T. 0.024 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

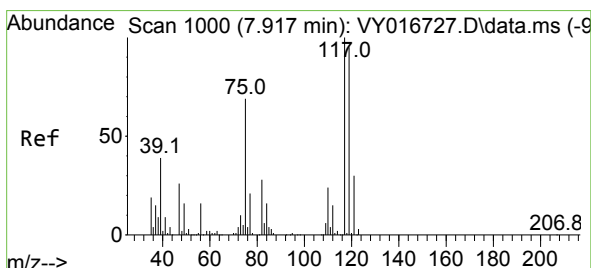
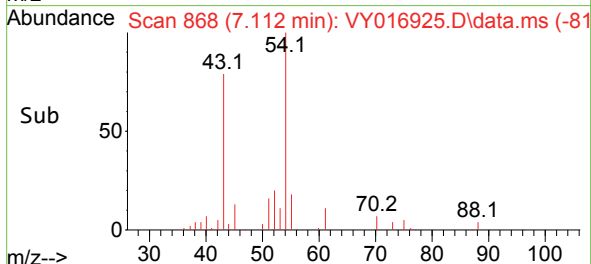
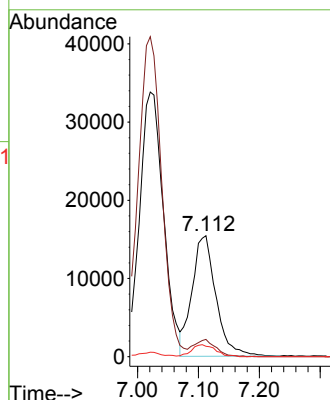
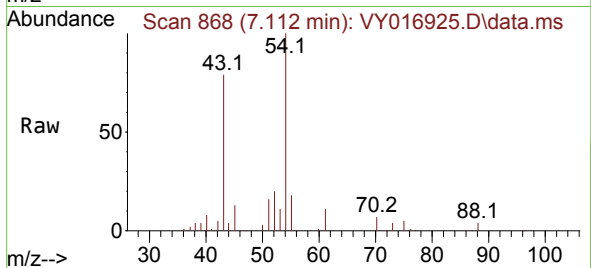
Tgt Ion: 43 Resp: 42155

Ion Ratio Lower Upper

43 100

61 13.0 11.0 16.6

70 9.8 8.1 12.1



#38

Carbon Tetrachloride

Concen: 46.312 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

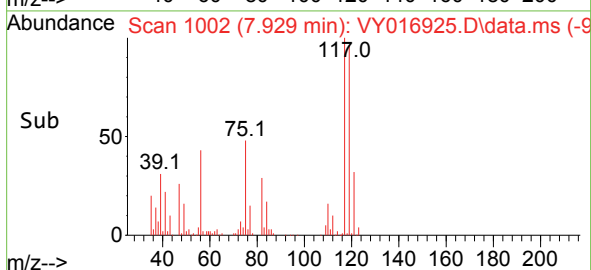
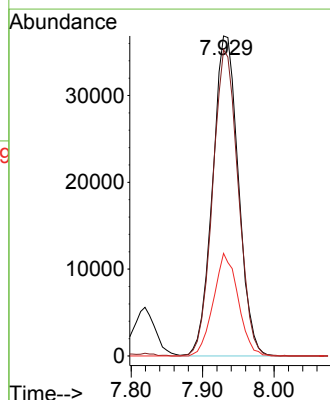
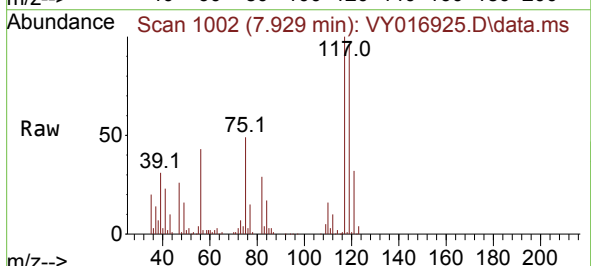
Tgt Ion: 117 Resp: 92193

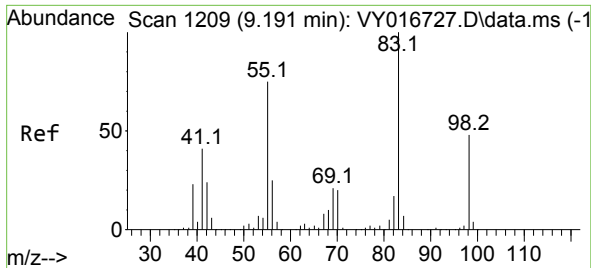
Ion Ratio Lower Upper

117 100

119 95.7 76.0 114.0

121 32.1 24.2 36.2

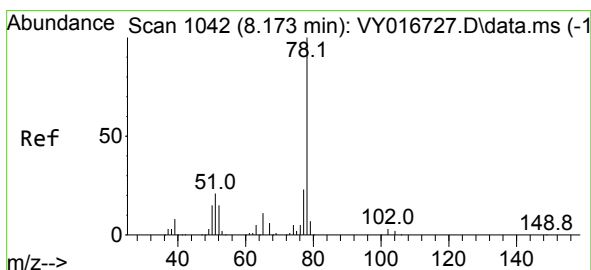
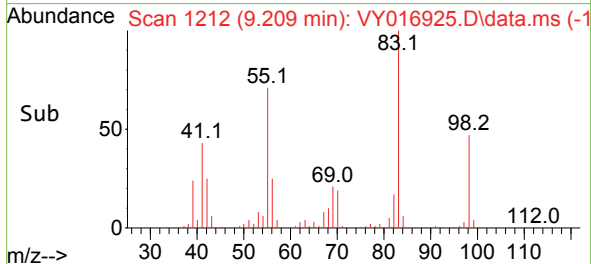
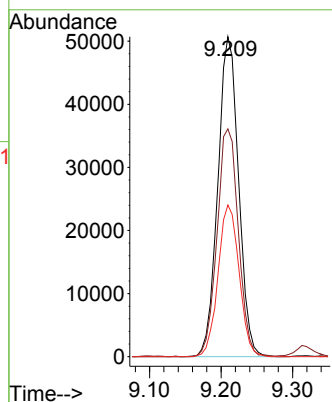
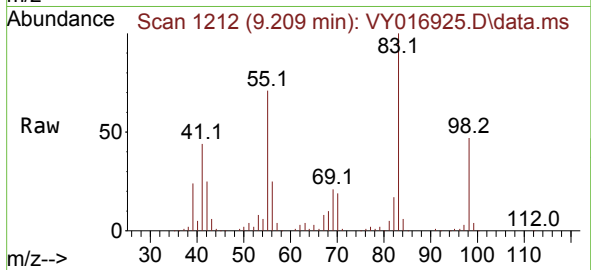




#39
Methylcyclohexane
Concen: 46.383 ug/l
RT: 9.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

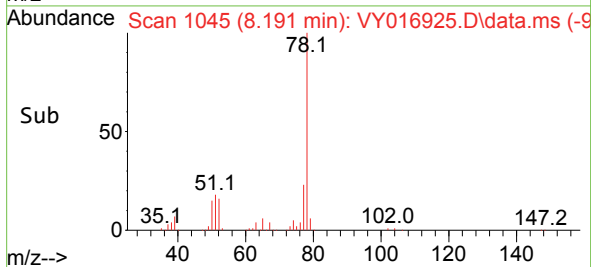
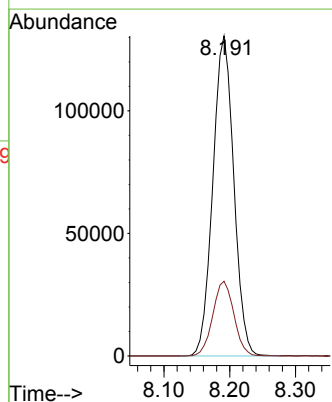
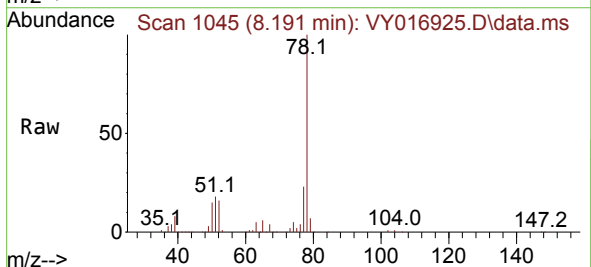
Instrument :
MSVOA_Y
ClientSampleId :

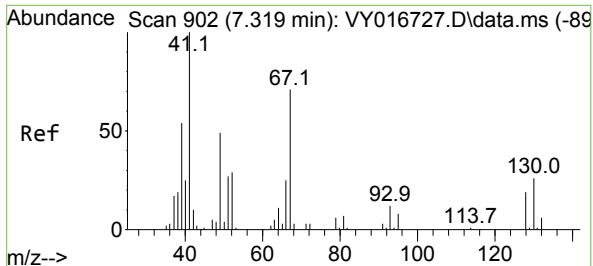
Tgt Ion: 83 Resp: 102169
Ion Ratio Lower Upper
83 100
55 71.2 59.7 89.5
98 47.4 38.0 57.0



#40
Benzene
Concen: 49.205 ug/l
RT: 8.191 min Scan# 1045
Delta R.T. 0.018 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 78 Resp: 289216
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



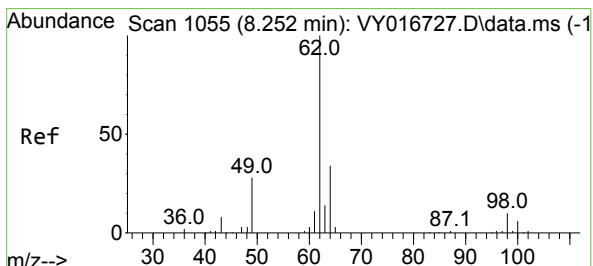
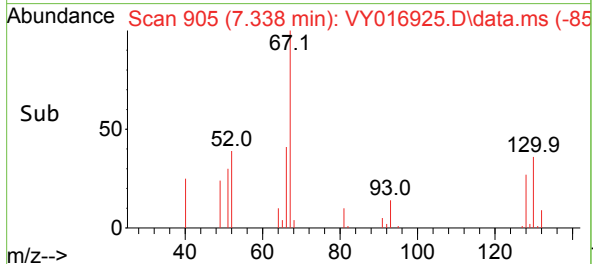
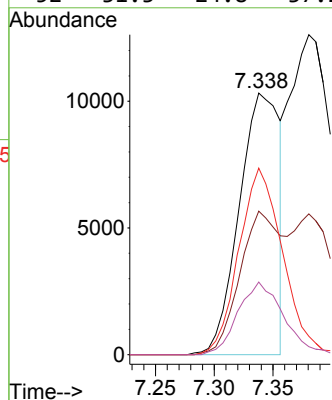
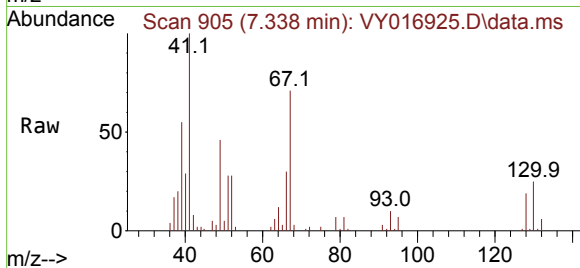


#41
Methacrylonitrile
Concen: 52.615 ug/l
RT: 7.338 min Scan# 902
Delta R.T. 0.019 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 24674

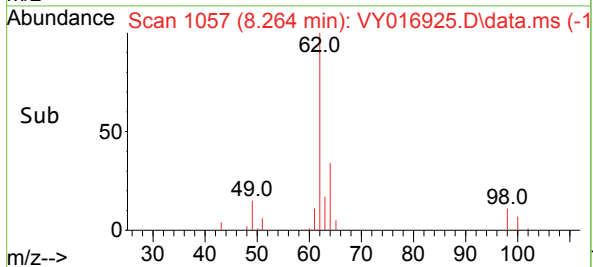
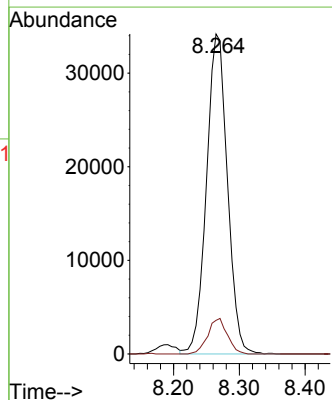
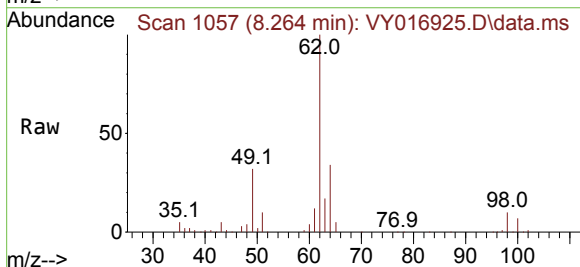
Ion	Ratio	Lower	Upper
41	100		
39	59.6	41.9	62.9
67	77.4	59.8	89.6
52	31.3	24.8	37.2

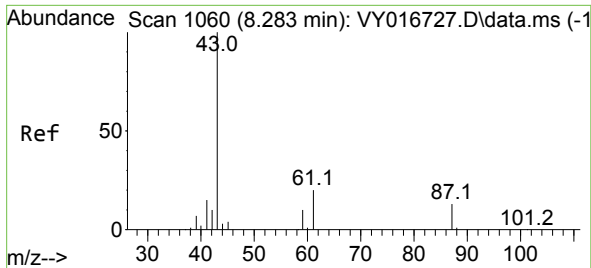


#42
1,2-Dichloroethane
Concen: 48.523 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 62 Resp: 75715

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2

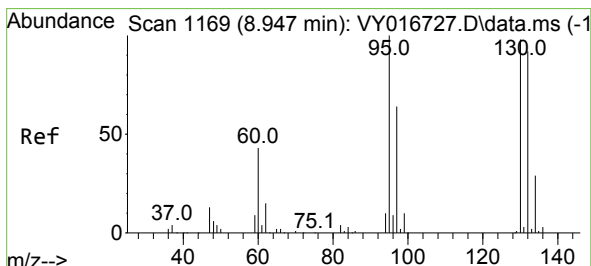
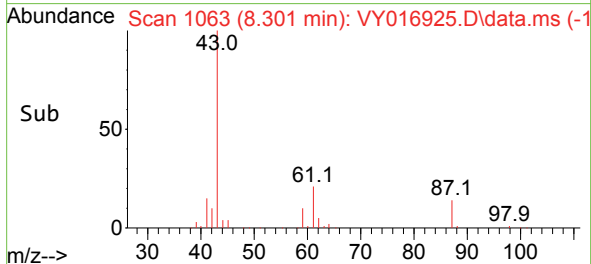
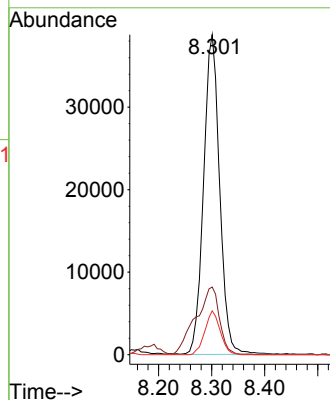
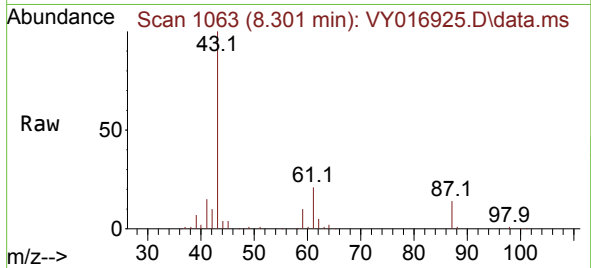




#43
Isopropyl Acetate
Concen: 47.711 ug/l
RT: 8.301 min Scan# 1107
Delta R.T. 0.018 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

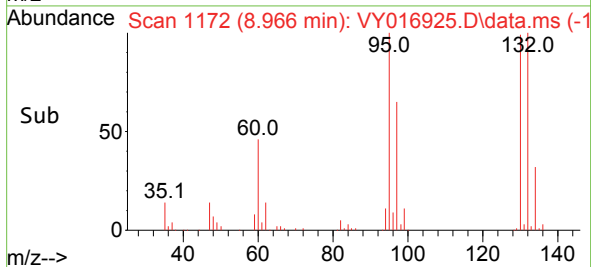
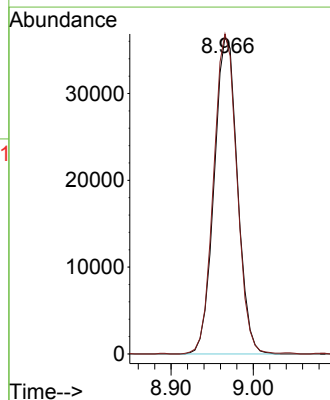
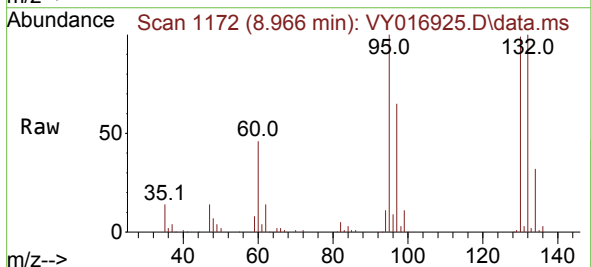
Instrument :
MSVOA_Y
ClientSampleId :

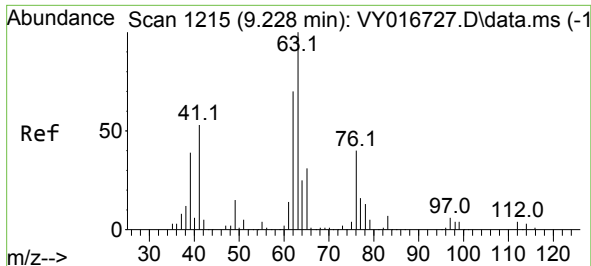
Tgt Ion: 43 Resp: 81354
Ion Ratio Lower Upper
43 100
61 31.3 24.8 37.2
87 13.1 10.7 16.1



#44
Trichloroethene
Concen: 48.051 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.019 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion:130 Resp: 71867
Ion Ratio Lower Upper
130 100
95 101.0 0.0 203.8

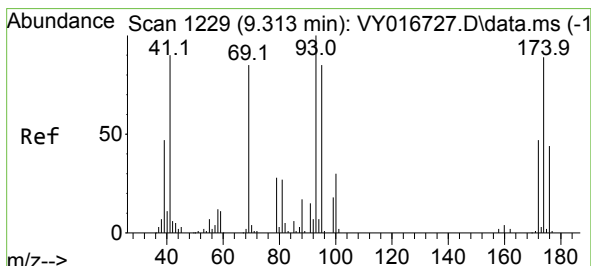
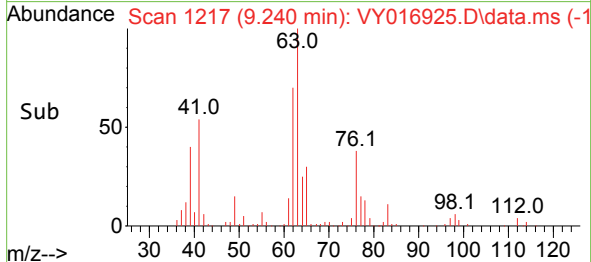
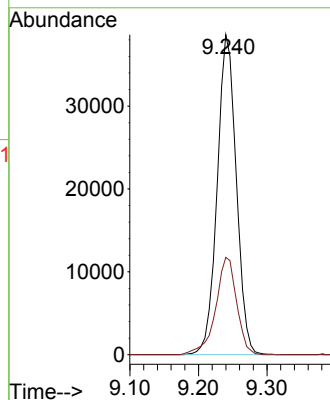
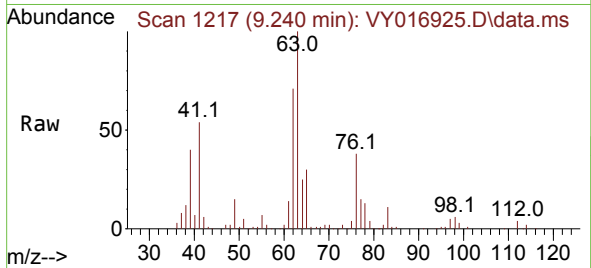




#45
1,2-Dichloropropane
Concen: 49.291 ug/l
RT: 9.240 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

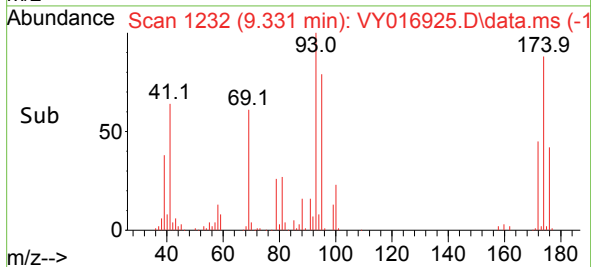
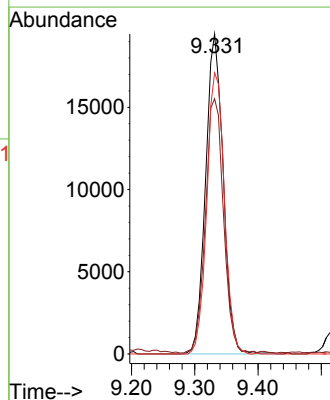
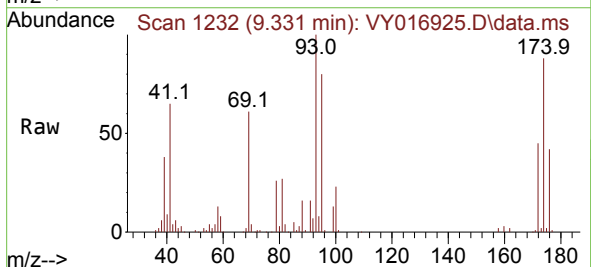
Instrument :
MSVOA_Y
ClientSampleId :

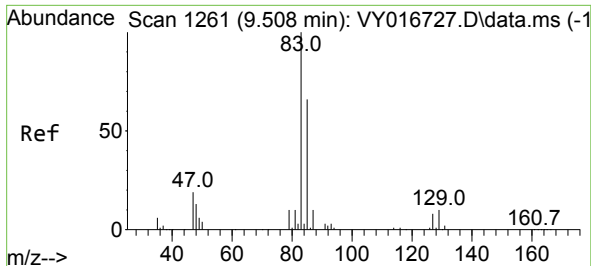
Tgt Ion: 63 Resp: 74638
Ion Ratio Lower Upper
63 100
65 30.4 24.6 36.8



#46
Dibromomethane
Concen: 48.903 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.018 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 93 Resp: 37766
Ion Ratio Lower Upper
93 100
95 81.4 66.6 99.8
174 87.7 73.8 110.6

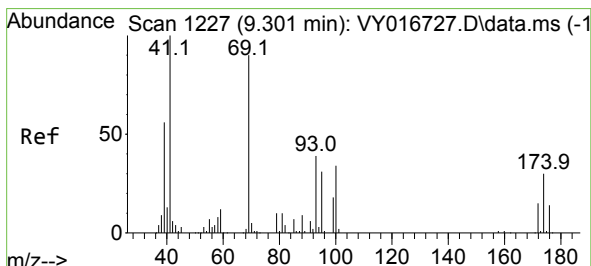
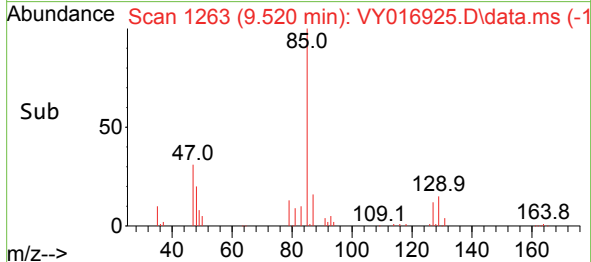
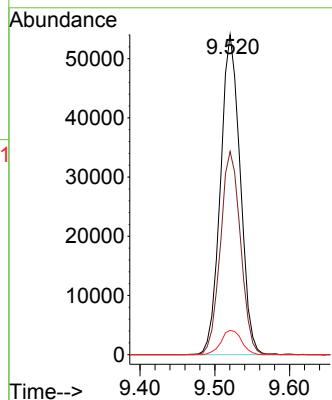
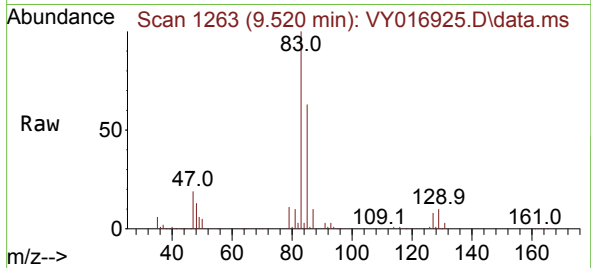




#47
Bromodichloromethane
Concen: 47.878 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.012 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

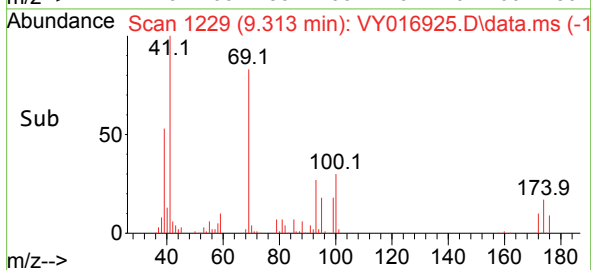
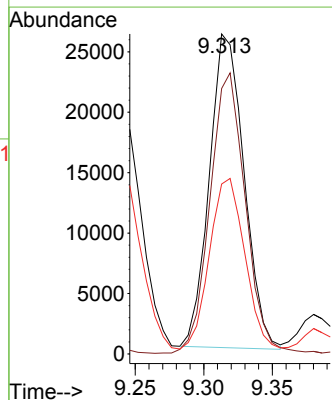
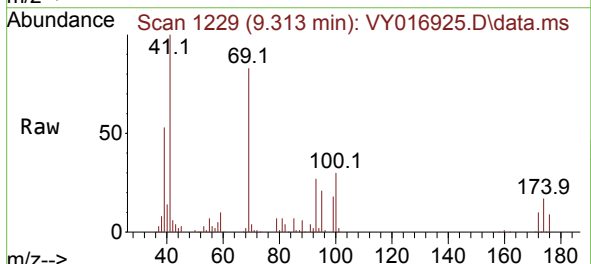
Instrument :
MSVOA_Y
ClientSampleId :

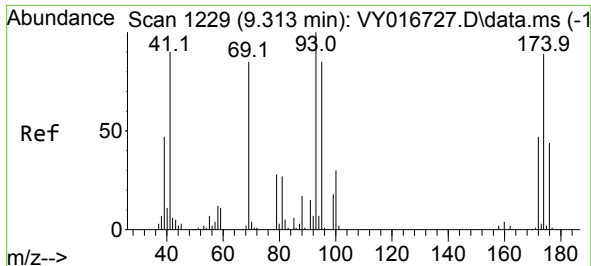
Tgt Ion: 83 Resp: 99289
Ion Ratio Lower Upper
83 100
85 63.5 53.2 79.8
127 7.6 6.4 9.6



#48
Methyl methacrylate
Concen: 49.700 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 41 Resp: 45735
Ion Ratio Lower Upper
41 100
69 91.2 72.1 108.1
39 58.8 42.8 64.2





#49

1,4-Dioxane

Concen: 970.455 ug/l

RT: 9.331 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

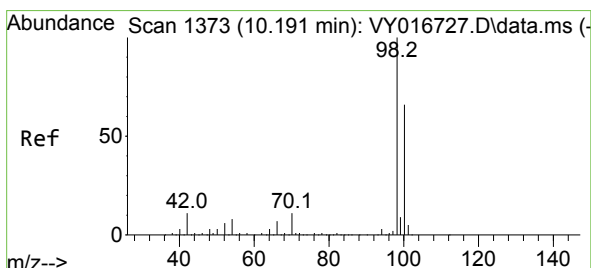
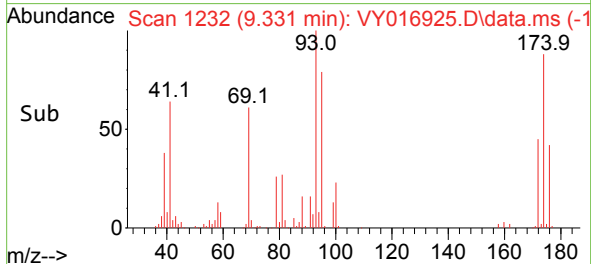
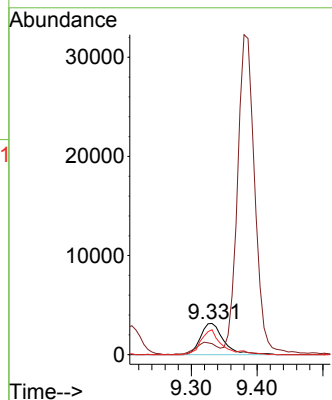
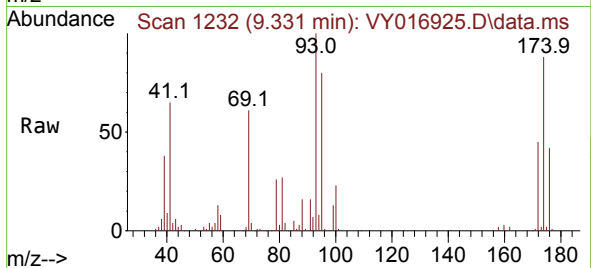
Tgt Ion: 88 Resp: 7760

Ion Ratio Lower Upper

88 100

43 36.4 28.2 42.4

58 65.5 52.2 78.2



#50

Toluene-d8

Concen: 44.098 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016925.D

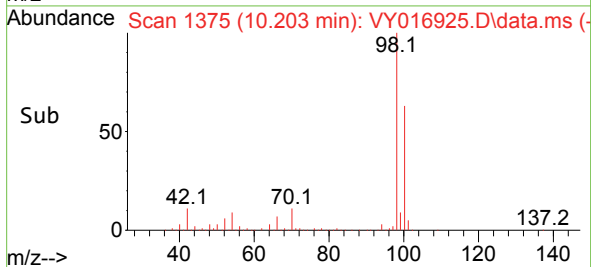
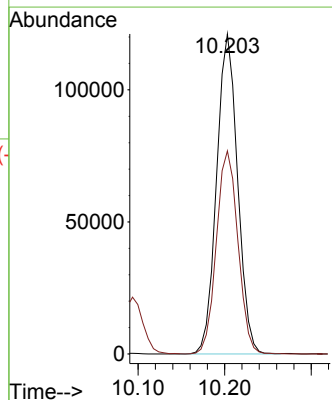
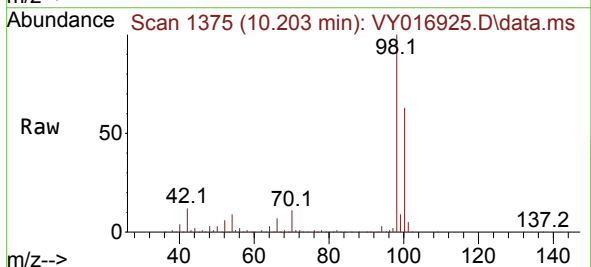
Acq: 05 Jan 2024 16:57

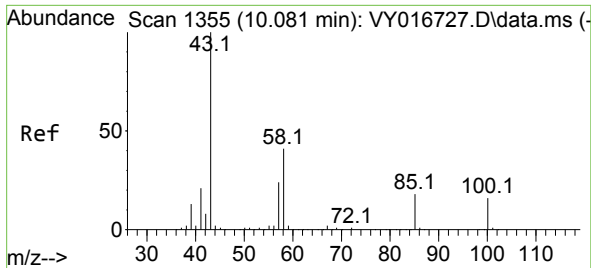
Tgt Ion: 98 Resp: 204163

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

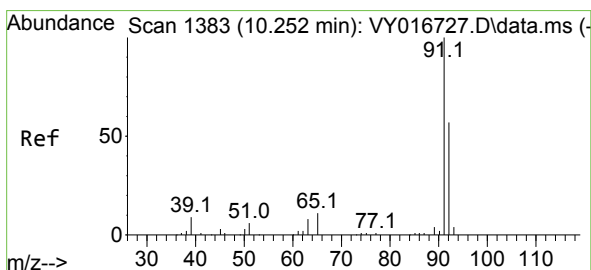
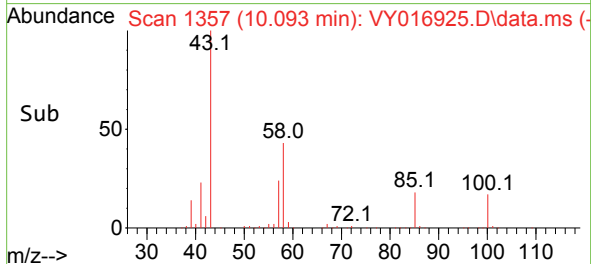
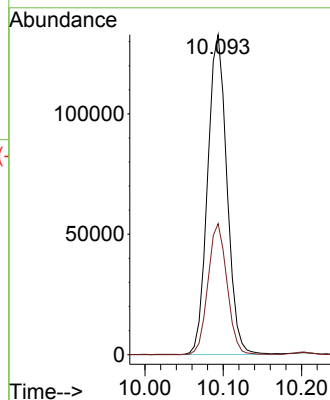
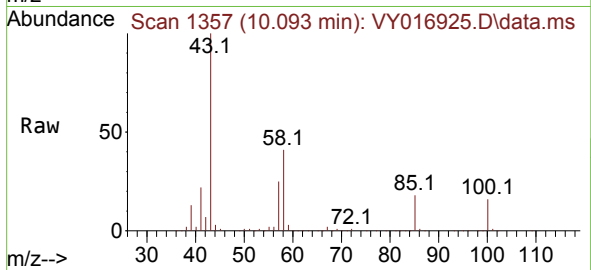




#51
4-Methyl-2-Pentanone
Concen: 250.765 ug/l
RT: 10.093 min Scan# 1357
Delta R.T. 0.012 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

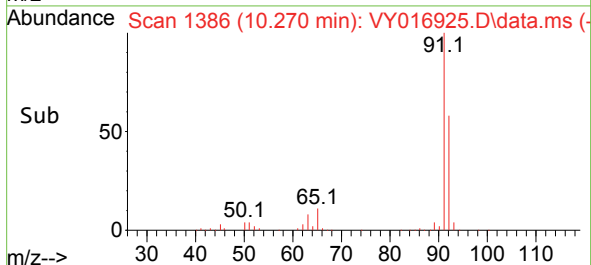
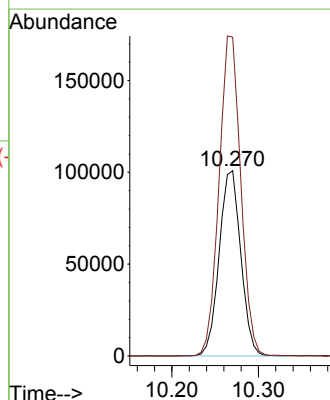
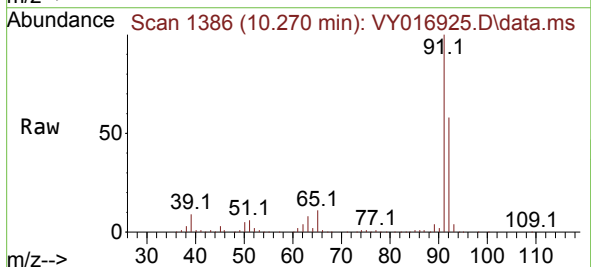
Instrument :
MSVOA_Y
ClientSampleId :

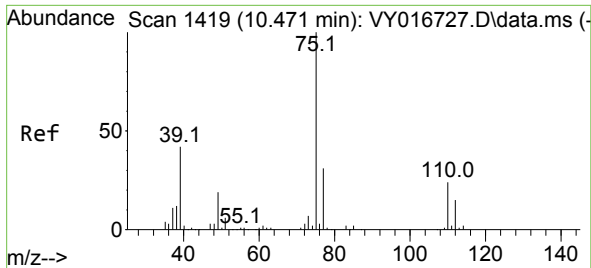
Tgt Ion: 43 Resp: 227400
Ion Ratio Lower Upper
43 100
58 40.4 32.2 48.2



#52
Toluene
Concen: 49.347 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 92 Resp: 175047
Ion Ratio Lower Upper
92 100
91 173.8 137.6 206.4

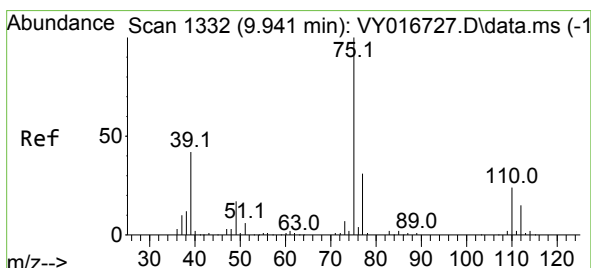
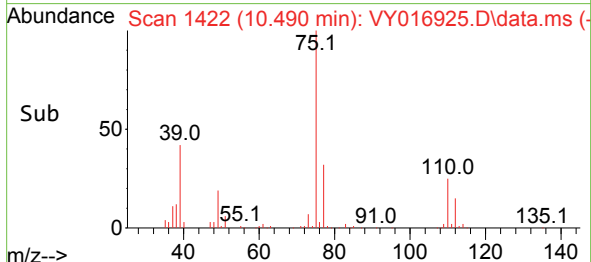
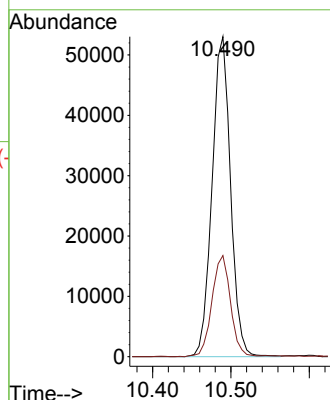
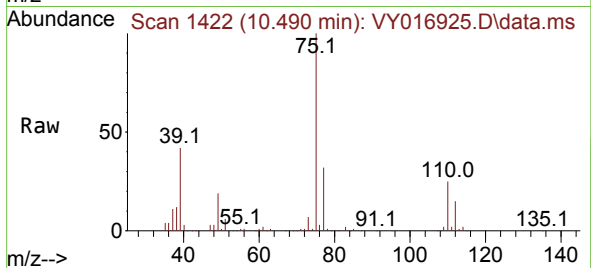




#53
t-1,3-Dichloropropene
Concen: 46.786 ug/l
RT: 10.490 min Scan# 1419
Delta R.T. 0.019 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

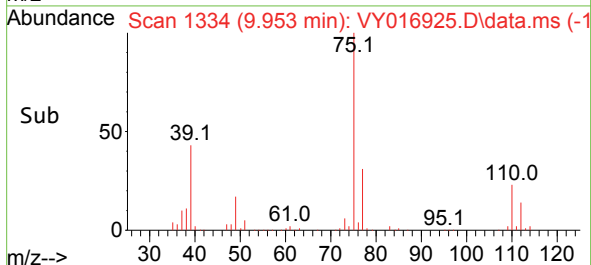
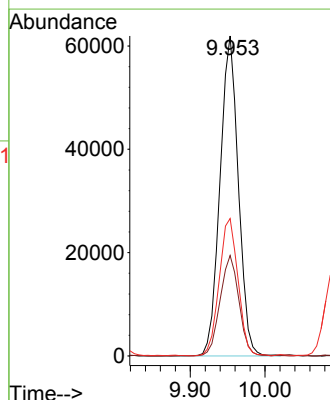
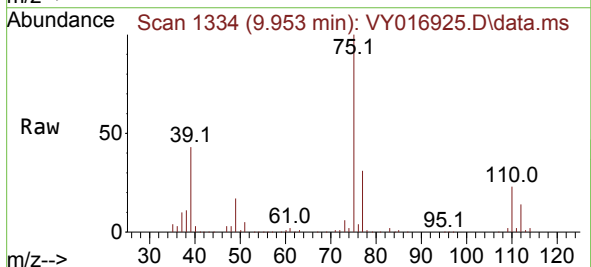
Instrument :
MSVOA_Y
ClientSampleId :

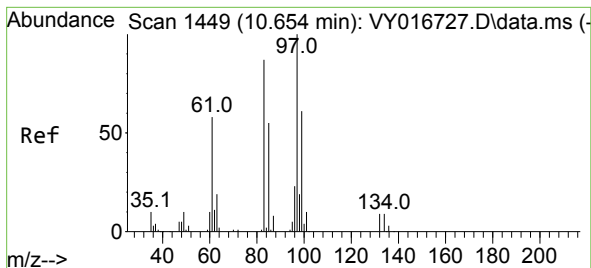
Tgt Ion: 75 Resp: 86908
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 47.442 ug/l
RT: 9.953 min Scan# 1334
Delta R.T. 0.012 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 75 Resp: 105833
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8
39 42.8 33.6 50.4

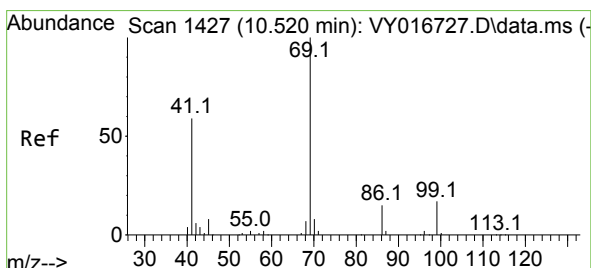
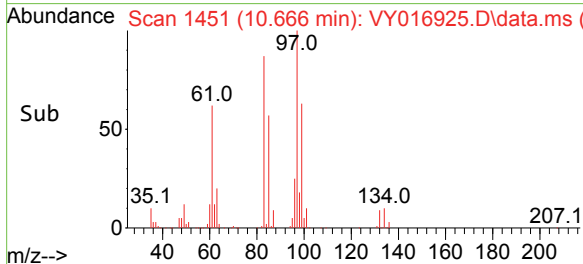
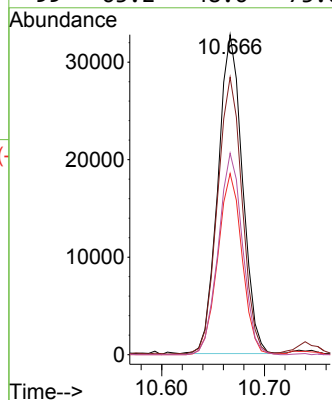
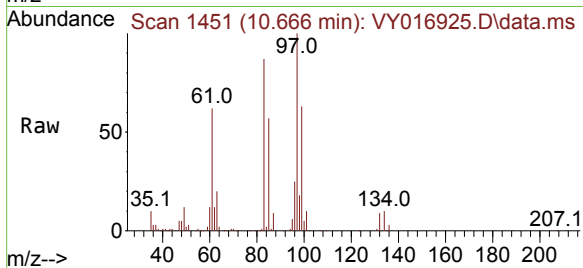




#55
1,1,2-Trichloroethane
Concen: 47.954 ug/l
RT: 10.666 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

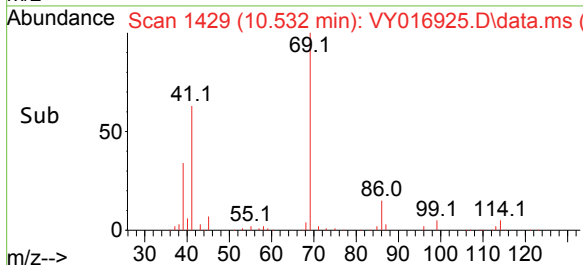
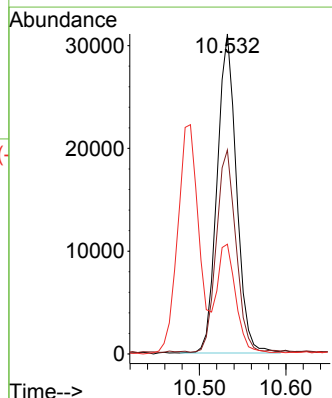
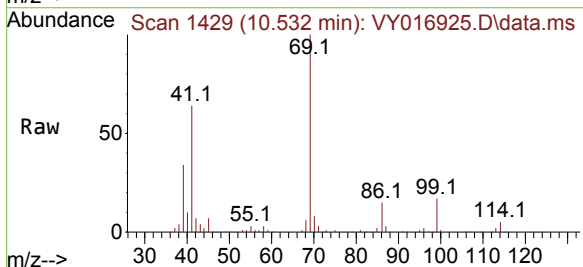
Instrument :
MSVOA_Y
ClientSampleId :

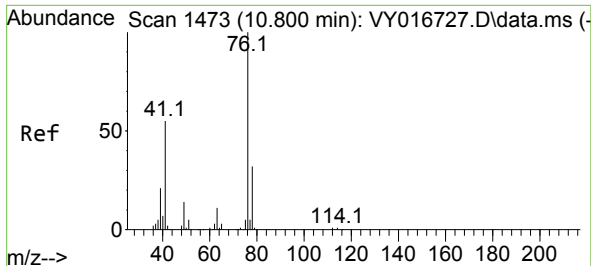
Tgt Ion: 97	Resp: 54103
Ion Ratio	Lower Upper
97 100	
83 86.6	69.4 104.2
85 56.8	43.9 65.9
99 63.2	48.6 73.0



#56
Ethyl methacrylate
Concen: 50.421 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 69	Resp: 48183
Ion Ratio	Lower Upper
69 100	
41 64.0	49.2 73.8
39 32.0	26.8 40.2





#57

1,3-Dichloropropane

Concen: 48.746 ug/l

RT: 10.813 min Scan# 1473

Delta R.T. 0.013 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

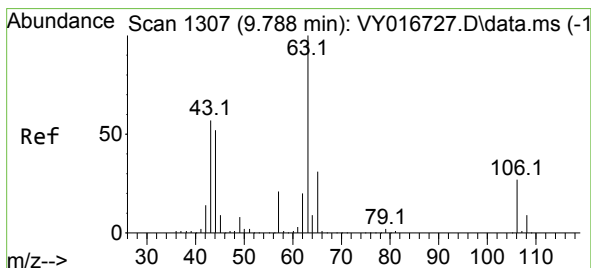
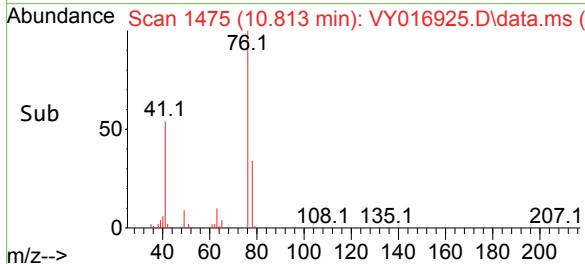
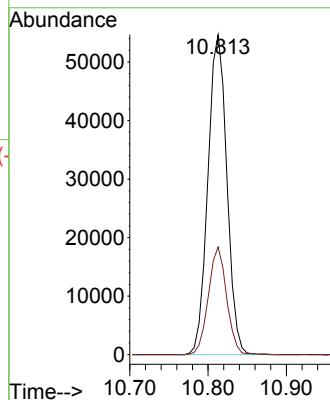
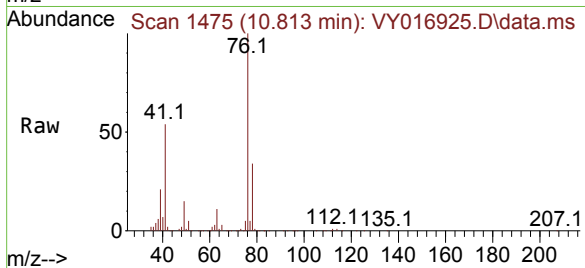
ClientSampleId :

Tgt Ion: 76 Resp: 91822

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 251.582 ug/l

RT: 9.807 min Scan# 1310

Delta R.T. 0.019 min

Lab File: VY016925.D

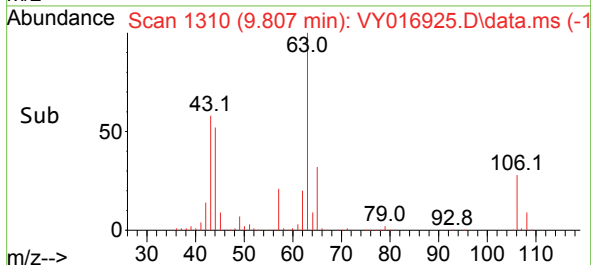
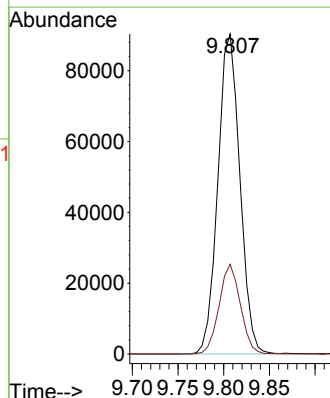
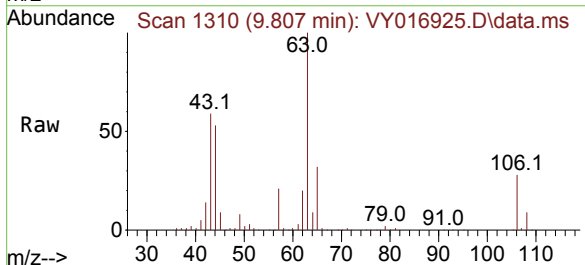
Acq: 05 Jan 2024 16:57

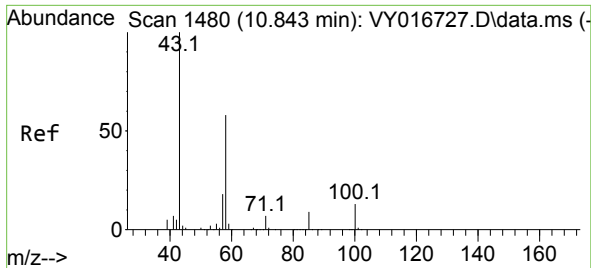
Tgt Ion: 63 Resp: 151355

Ion Ratio Lower Upper

63 100

106 27.1 22.4 33.6

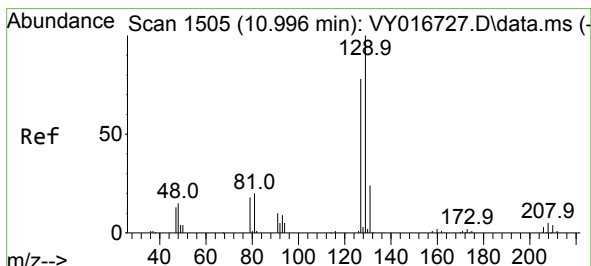
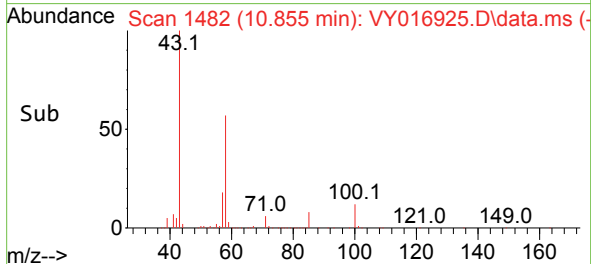
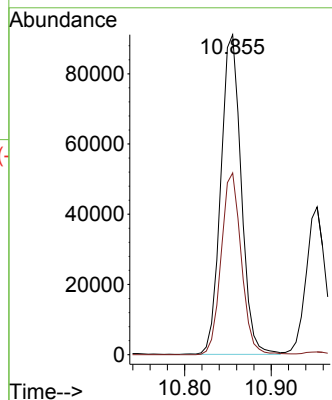
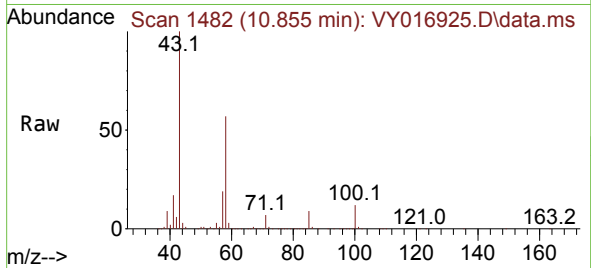




#59
2-Hexanone
Concen: 222.871 ug/l
RT: 10.855 min Scan# 1482
Delta R.T. 0.012 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

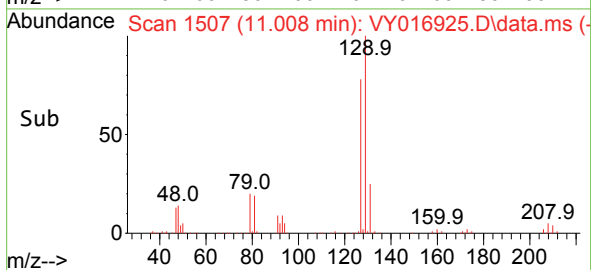
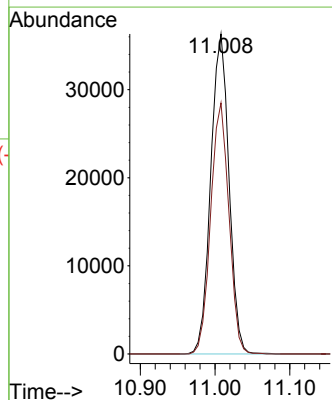
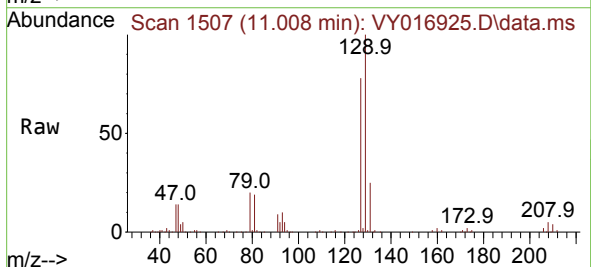
Instrument :
MSVOA_Y
ClientSampleId :

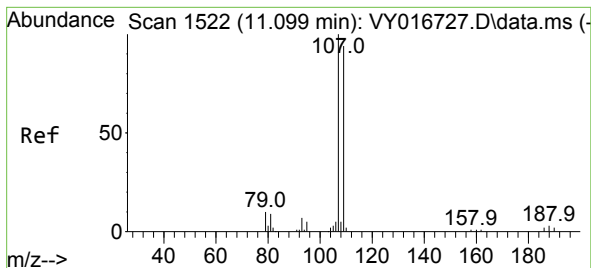
Tgt Ion: 43 Resp: 148816
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.3



#60
Dibromochloromethane
Concen: 47.398 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 129 Resp: 61669
Ion Ratio Lower Upper
129 100
127 78.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 48.972 ug/l

RT: 11.111 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

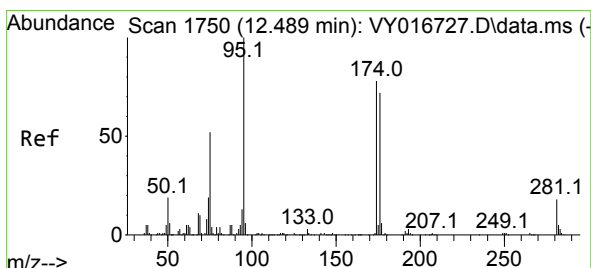
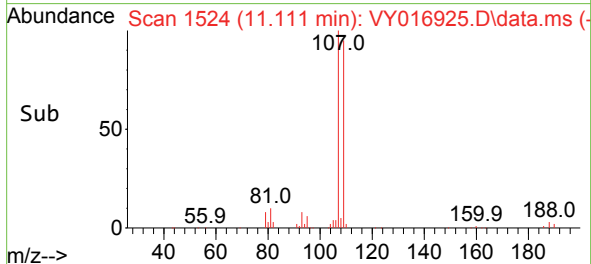
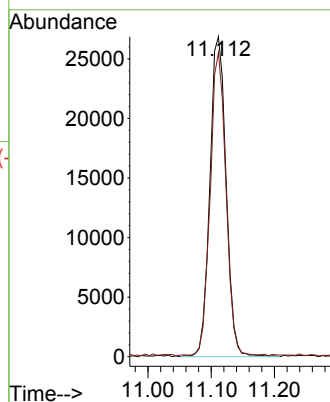
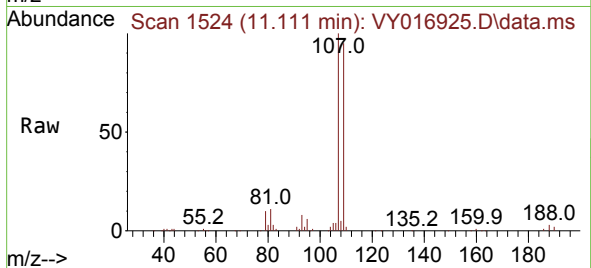
ClientSampleId :

Tgt Ion:107 Resp: 48004

Ion Ratio Lower Upper

107 100

109 92.0 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 42.202 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

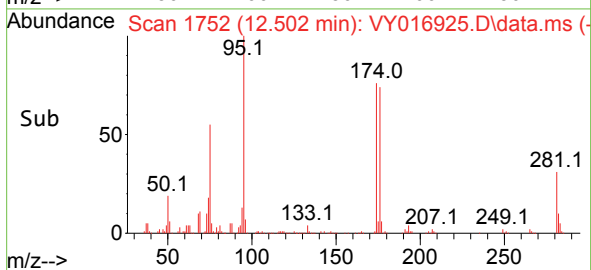
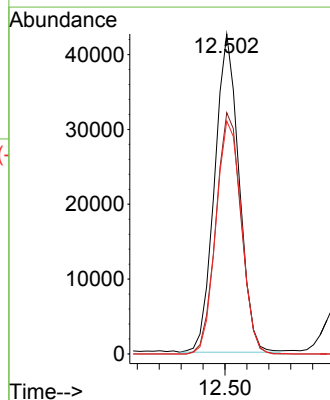
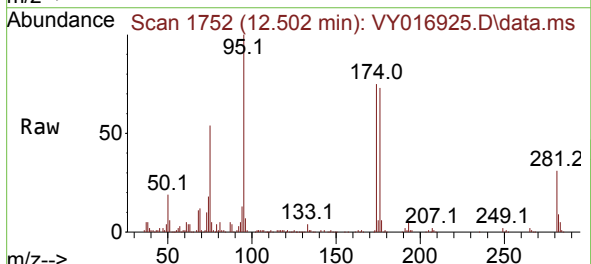
Tgt Ion: 95 Resp: 65920

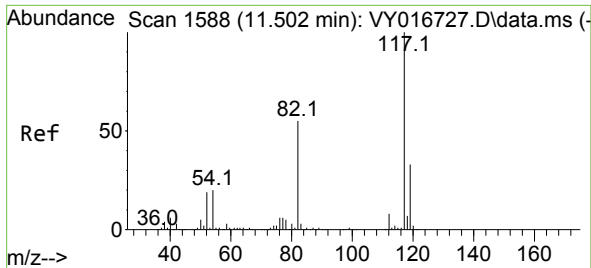
Ion Ratio Lower Upper

95 100

174 78.1 0.0 160.0

176 76.4 0.0 151.8

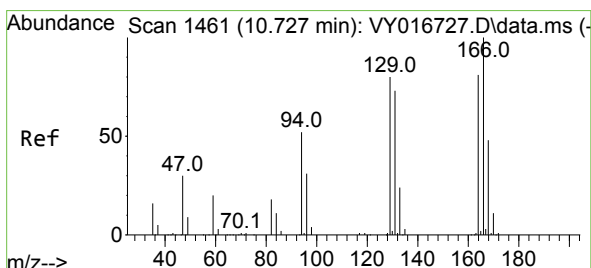
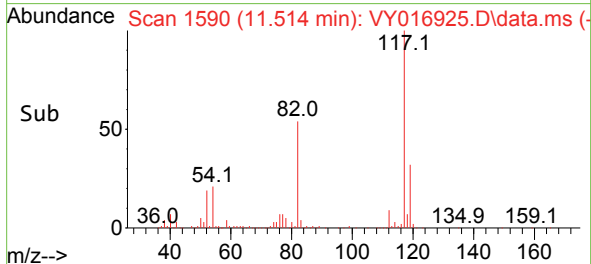
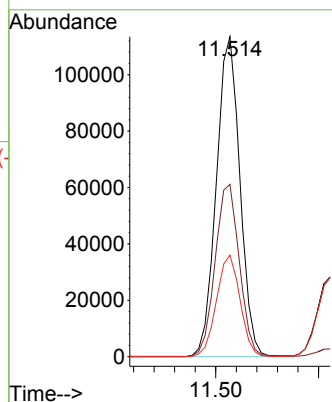
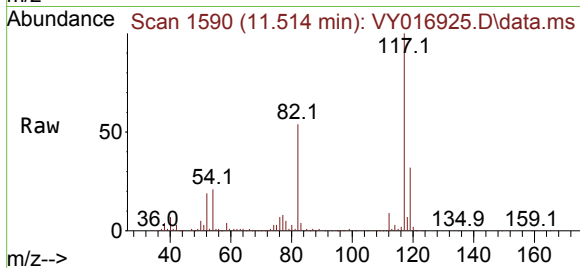




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

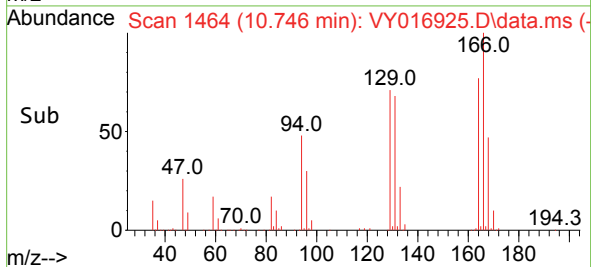
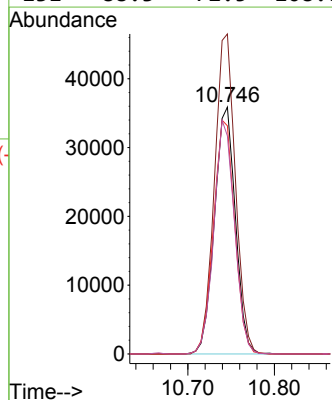
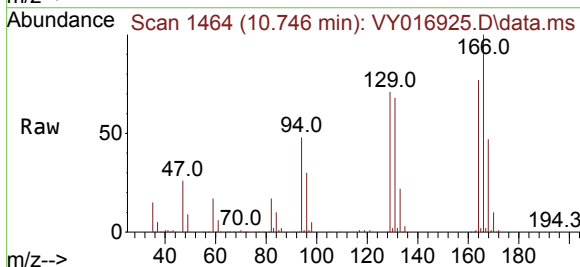
Instrument :
MSVOA_Y
ClientSampleId :

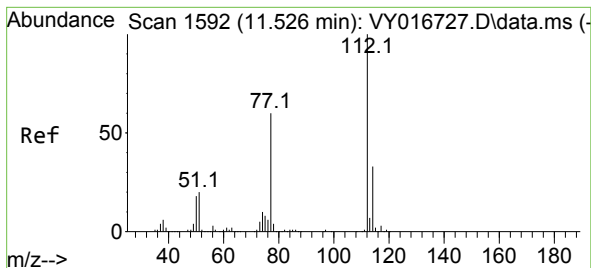
Tgt Ion:117 Resp: 180562
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 31.8 26.5 39.7



#64
Tetrachloroethene
Concen: 51.453 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.019 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion:164 Resp: 60232
Ion Ratio Lower Upper
164 100
166 129.6 98.8 148.2
129 92.4 78.9 118.3
131 88.3 72.5 108.7





#65

Chlorobenzene

Concen: 48.116 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

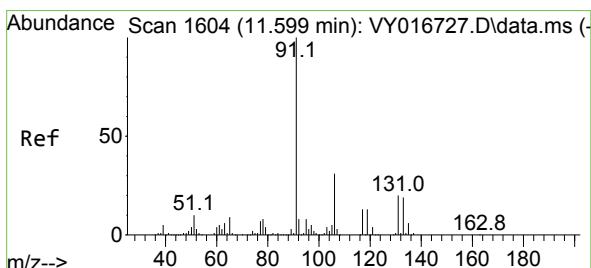
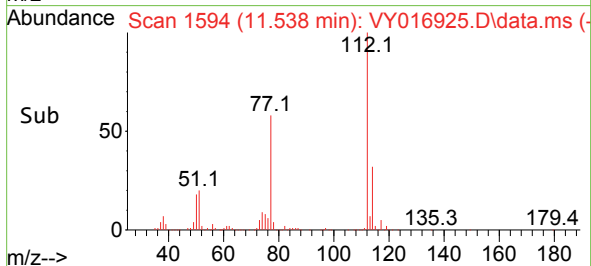
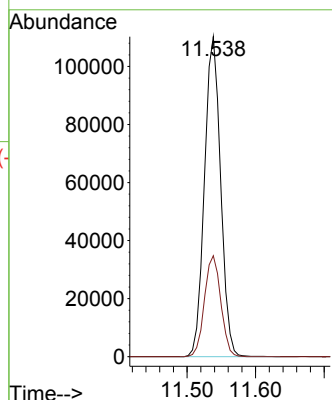
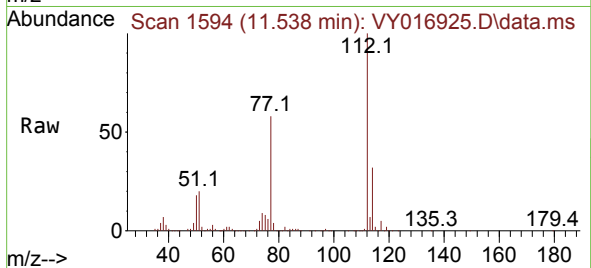
ClientSampleId :

Tgt Ion:112 Resp: 180987

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 47.359 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

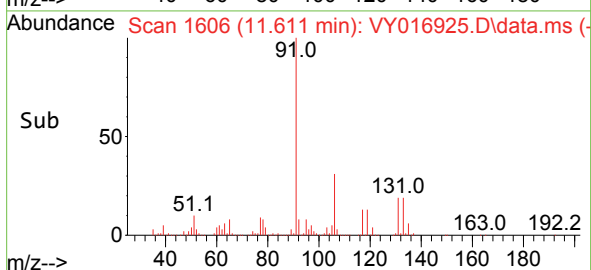
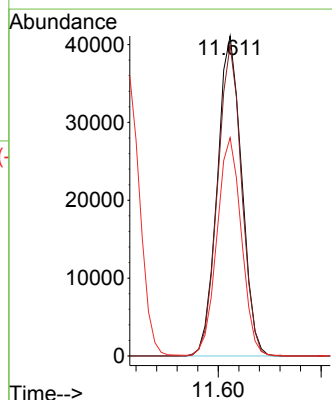
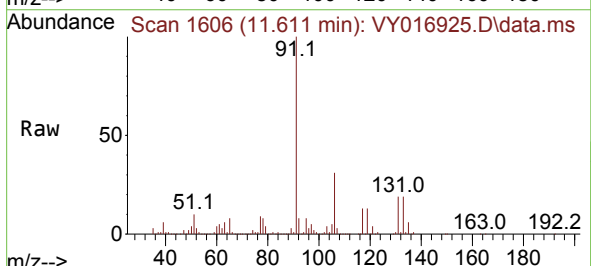
Tgt Ion:131 Resp: 67718

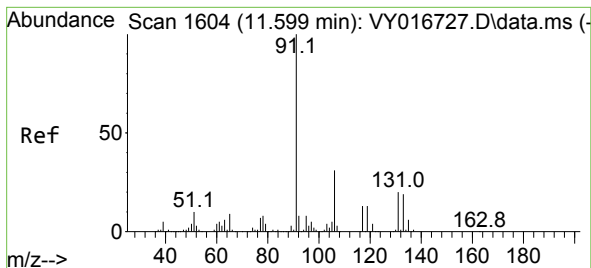
Ion Ratio Lower Upper

131 100

133 95.5 47.0 141.0

119 68.4 33.3 99.9





#67

Ethyl Benzene

Concen: 49.202 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

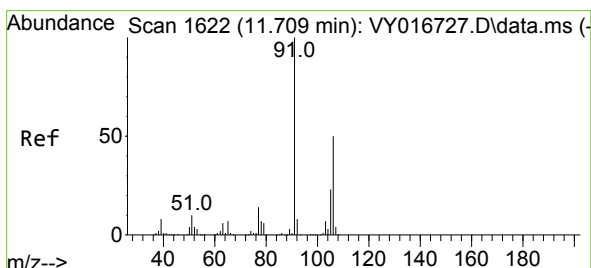
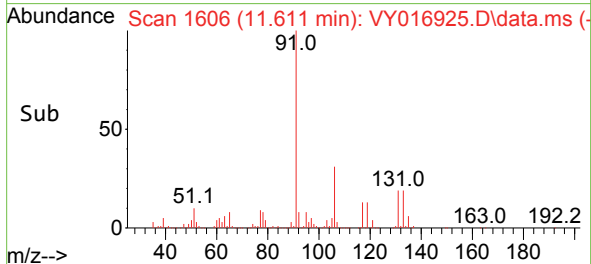
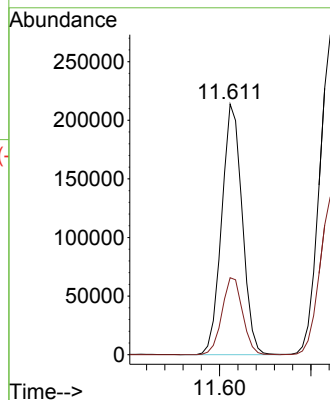
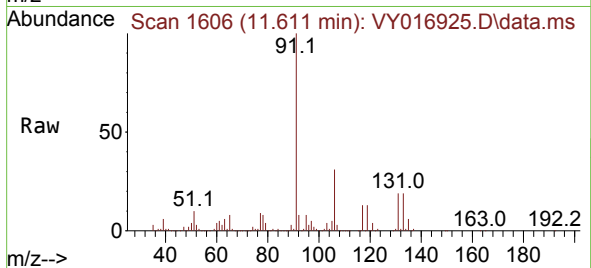
ClientSampleId :

Tgt Ion: 91 Resp: 333191

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 97.841 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016925.D

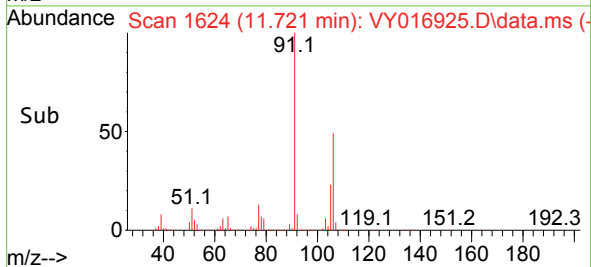
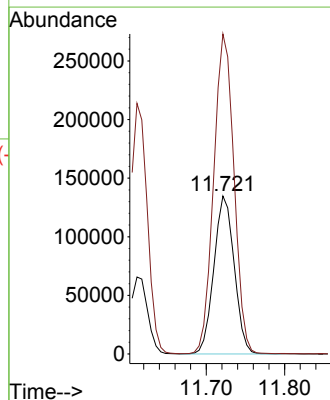
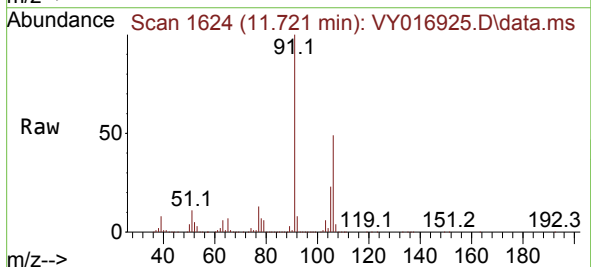
Acq: 05 Jan 2024 16:57

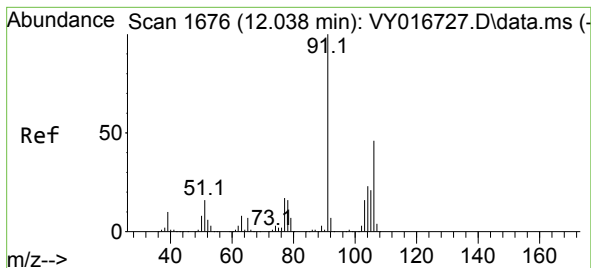
Tgt Ion:106 Resp: 243204

Ion Ratio Lower Upper

106 100

91 202.1 160.7 241.1





#69

o-Xylene

Concen: 50.525 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

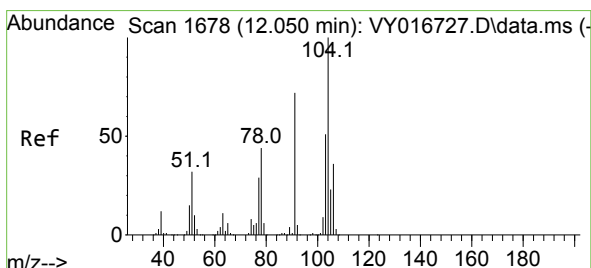
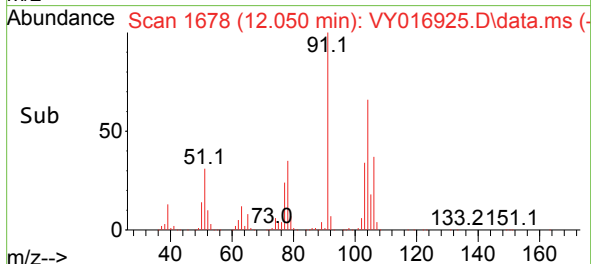
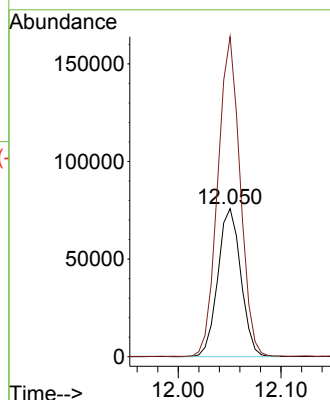
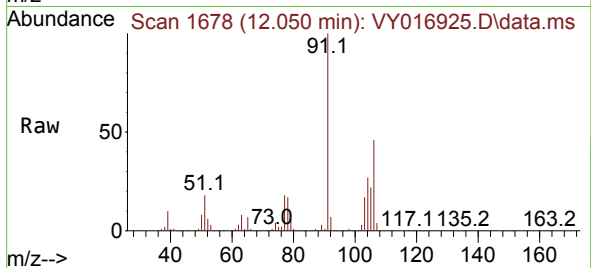
ClientSampleId :

Tgt Ion:106 Resp: 117738

Ion Ratio Lower Upper

106 100

91 210.1 106.5 319.5



#70

Styrene

Concen: 50.349 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.013 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

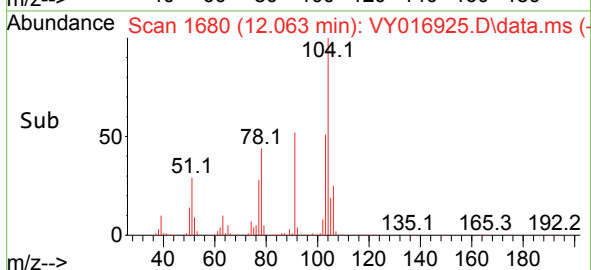
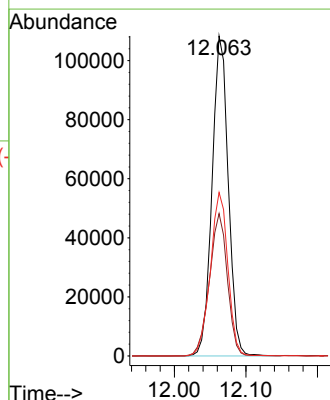
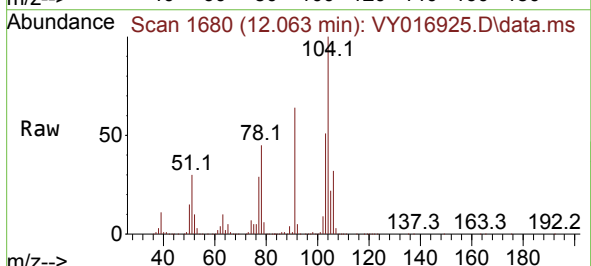
Tgt Ion:104 Resp: 170761

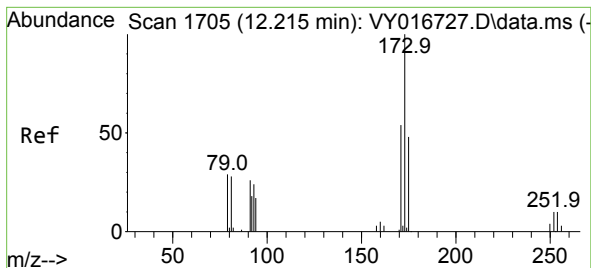
Ion Ratio Lower Upper

104 100

78 49.2 39.2 58.8

103 55.5 43.8 65.6





#71

Bromoform

Concen: 47.749 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

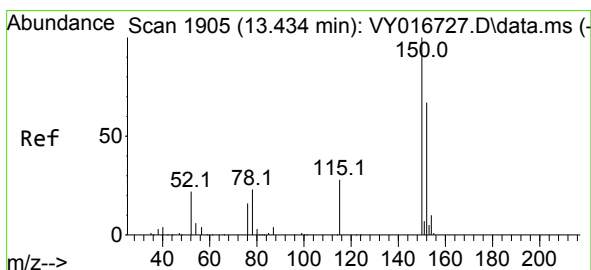
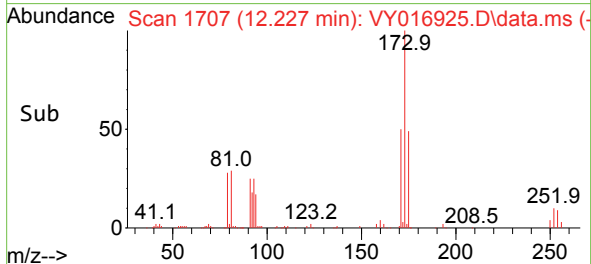
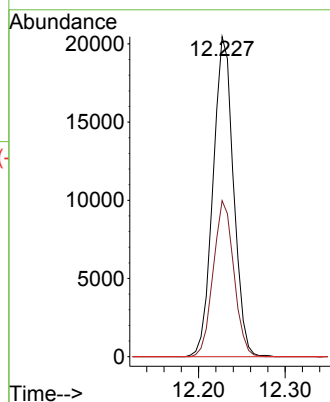
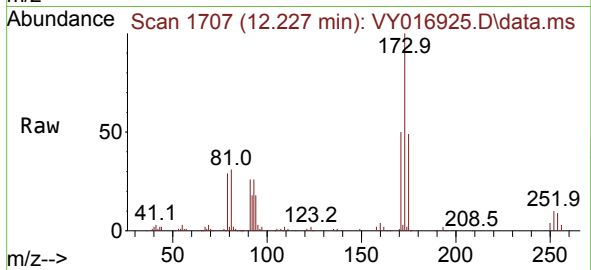
Tgt Ion:173 Resp: 33611

Ion Ratio Lower Upper

173 100

175 49.0 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

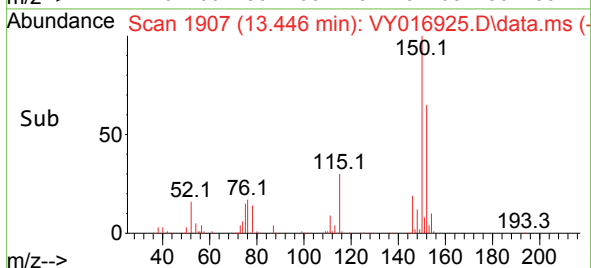
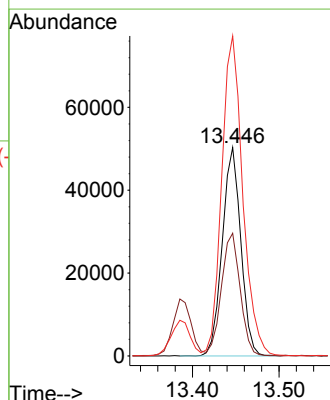
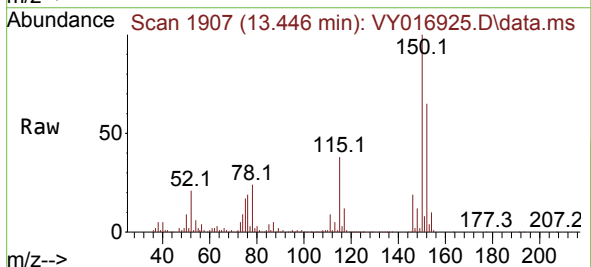
Tgt Ion:152 Resp: 74972

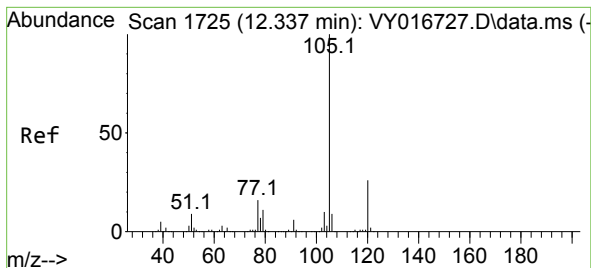
Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 174.1 0.0 344.6





#73

Isopropylbenzene

Concen: 51.556 ug/l

RT: 12.349 min Scan# 1727

Delta R.T. 0.012 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

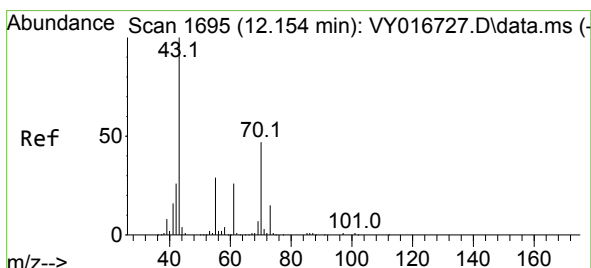
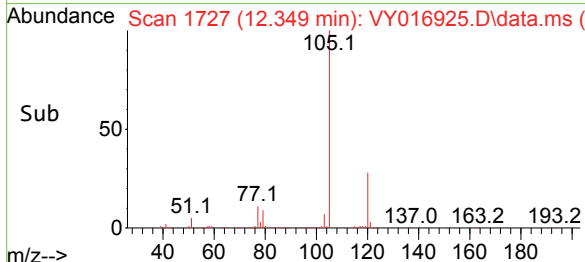
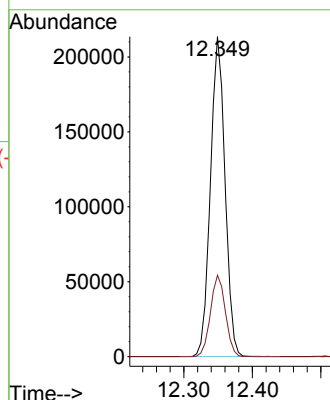
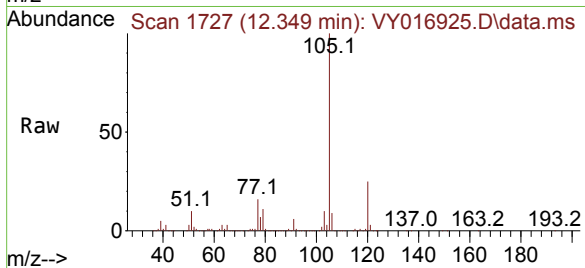
ClientSampleId :

Tgt Ion:105 Resp: 315640

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



#74

N-ethyl acetate

Concen: 51.301 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Tgt Ion: 43 Resp: 63103

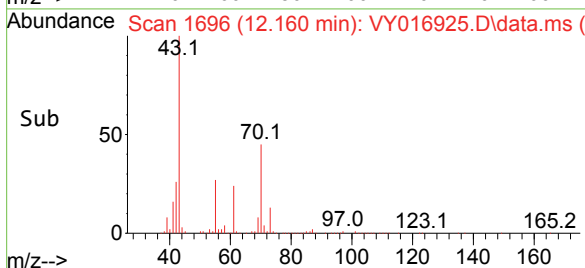
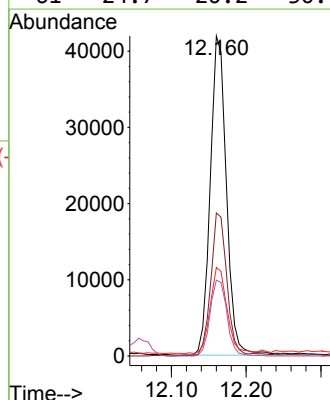
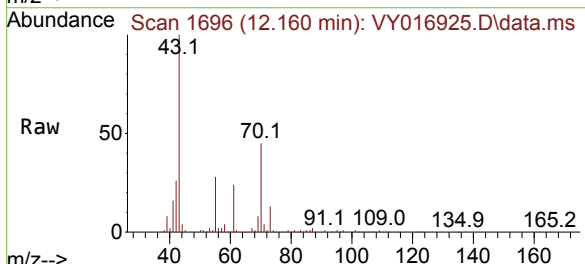
Ion Ratio Lower Upper

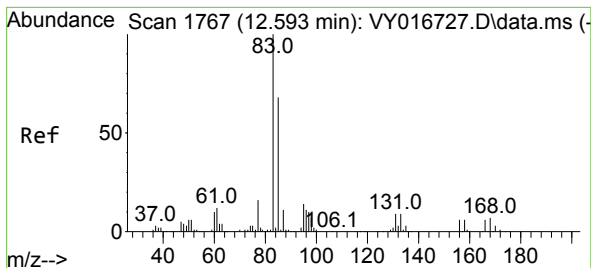
43 100

70 45.5 36.6 55.0

55 28.2 22.2 33.4

61 24.7 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.884 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

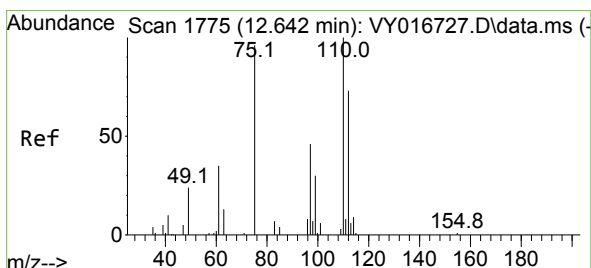
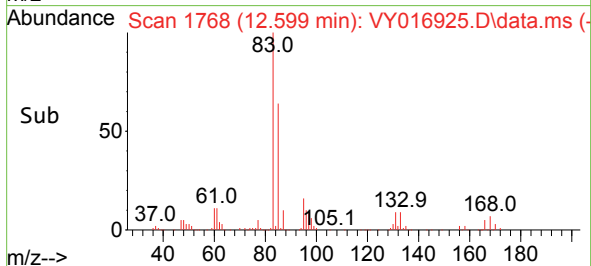
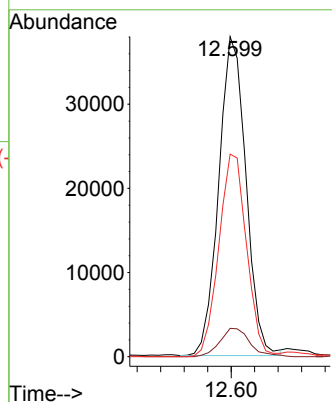
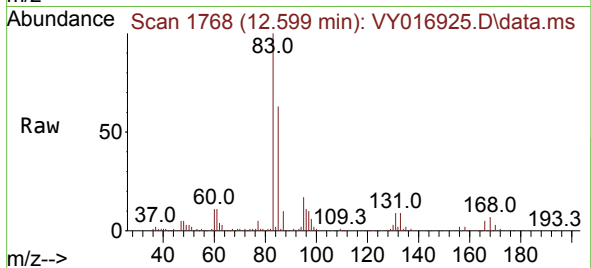
Tgt Ion: 83 Resp: 60980

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

85 64.8 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 88.577 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY016925.D

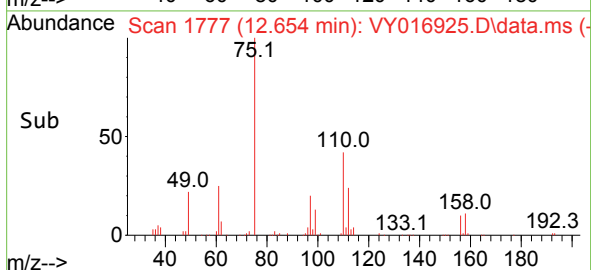
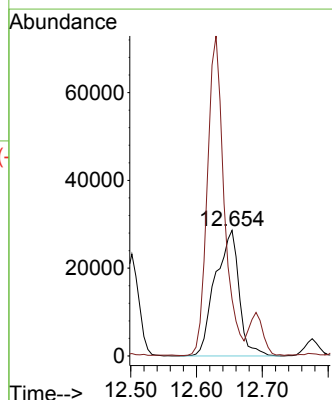
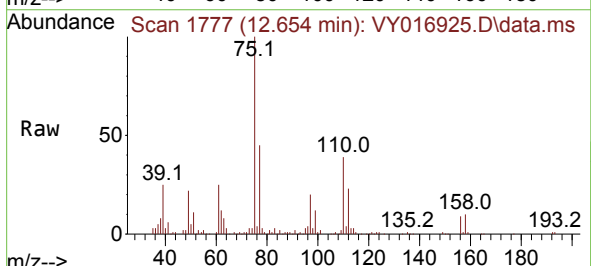
Acq: 05 Jan 2024 16:57

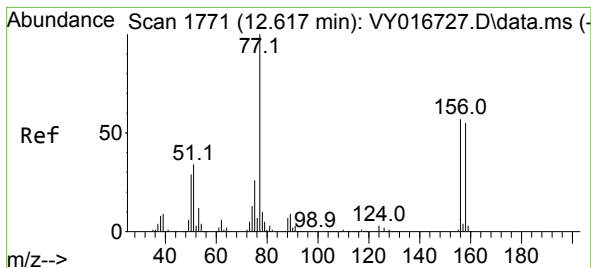
Tgt Ion: 75 Resp: 72065

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.731 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.013 min

Lab File: VY016925.D

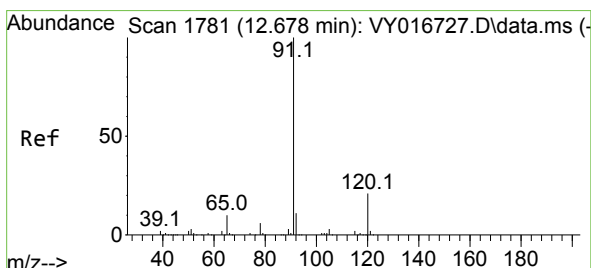
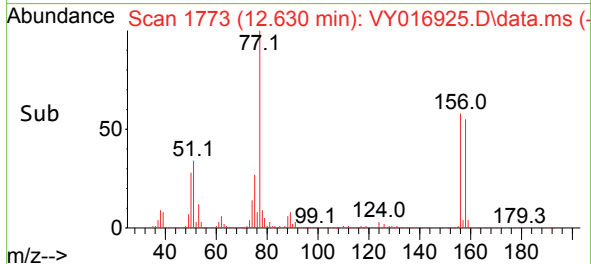
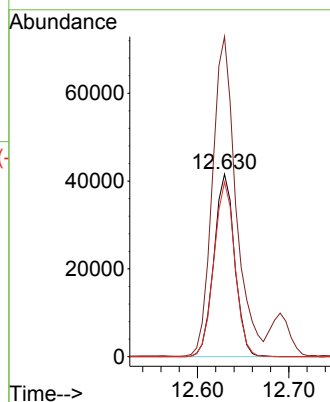
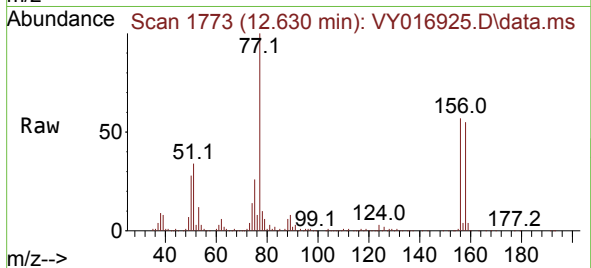
Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	65686
Ion Ratio	Lower	Upper	
156	100		
77	198.3	97.3	291.8
158	96.8	48.4	145.0



#78

n-propylbenzene

Concen: 50.373 ug/l

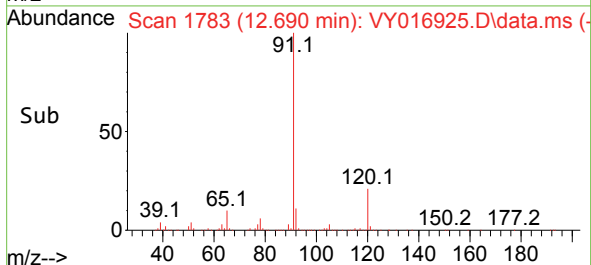
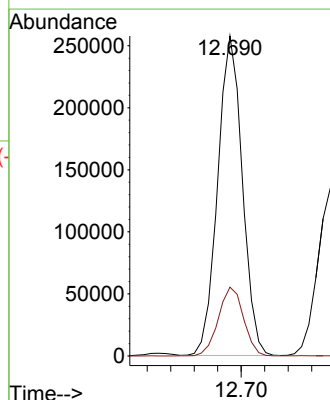
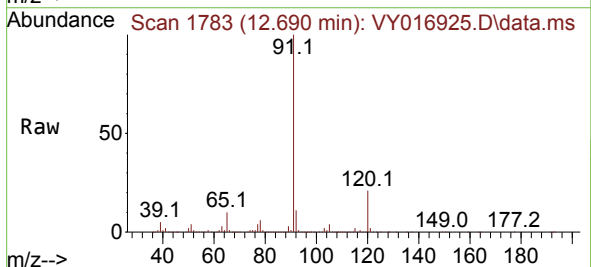
RT: 12.690 min Scan# 1783

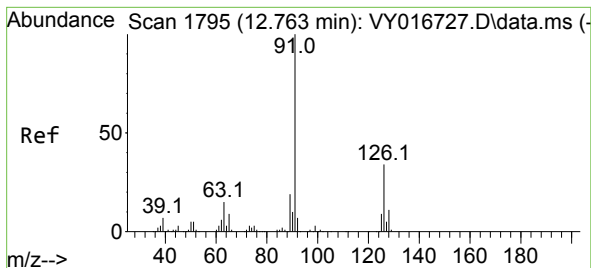
Delta R.T. 0.012 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Tgt Ion:	91	Resp:	374923
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.0	33.0





#79

2-Chlorotoluene

Concen: 49.766 ug/l

RT: 12.776 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

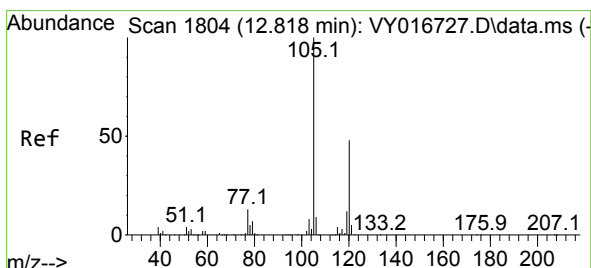
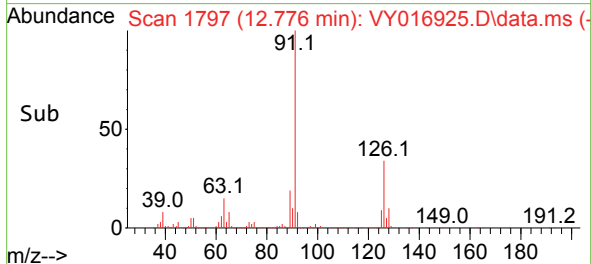
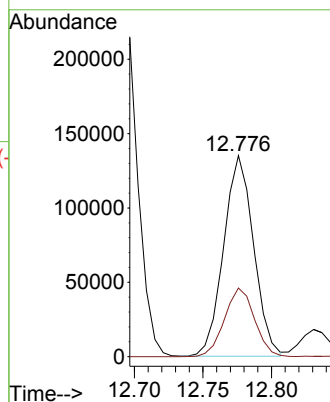
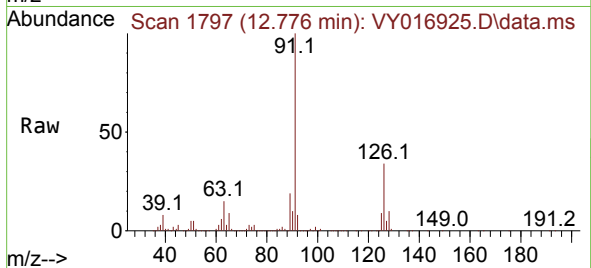
ClientSampleId :

Tgt Ion: 91 Resp: 205397

Ion Ratio Lower Upper

91 100

126 34.3 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 50.447 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.013 min

Lab File: VY016925.D

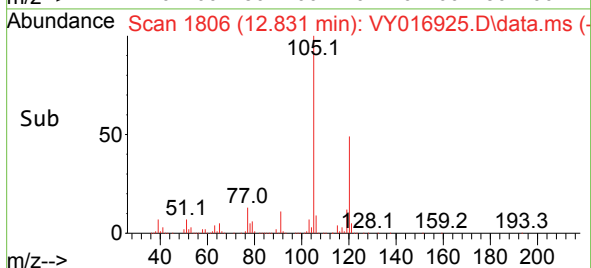
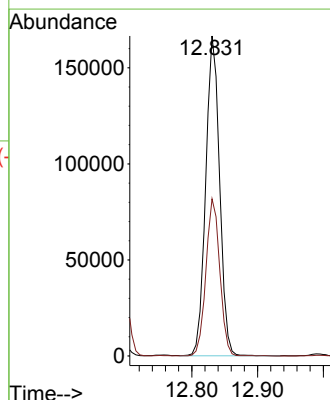
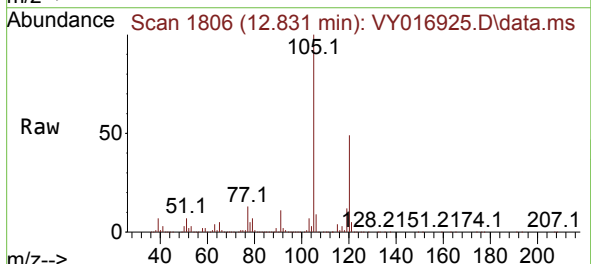
Acq: 05 Jan 2024 16:57

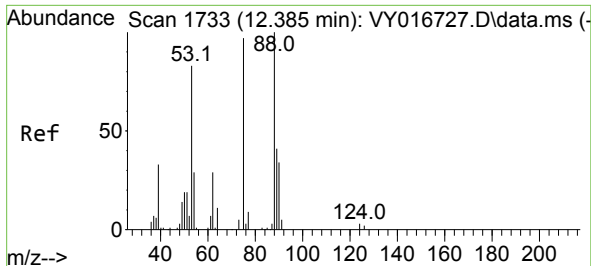
Tgt Ion: 105 Resp: 244261

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8

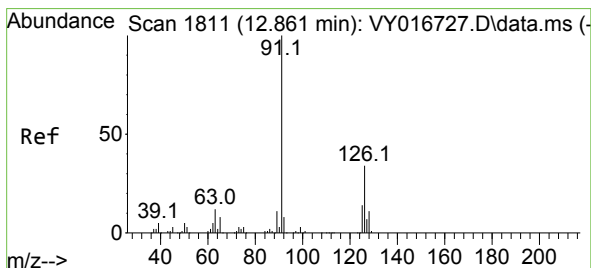
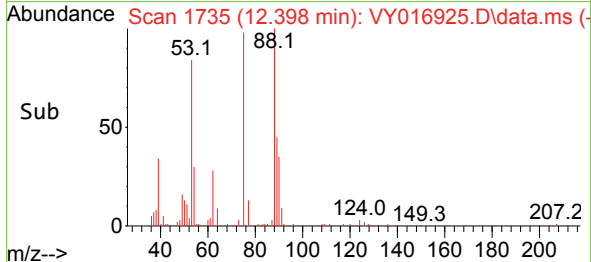
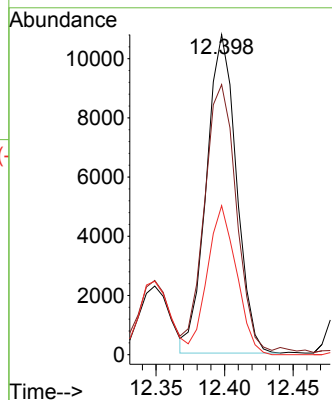
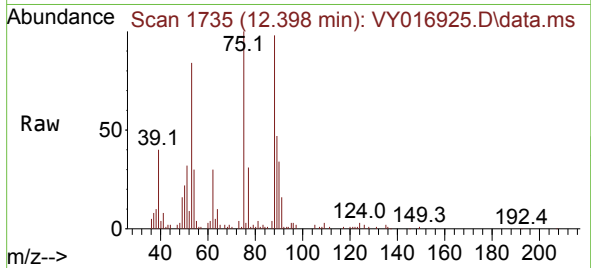




#81
trans-1,4-Dichloro-2-butene
Concen: 45.709 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.013 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

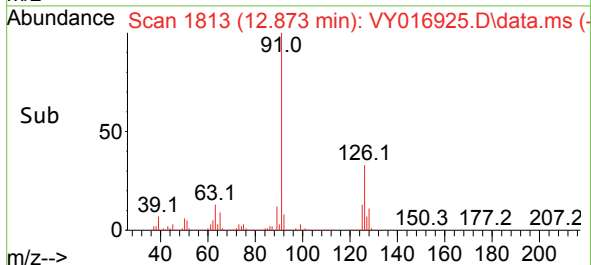
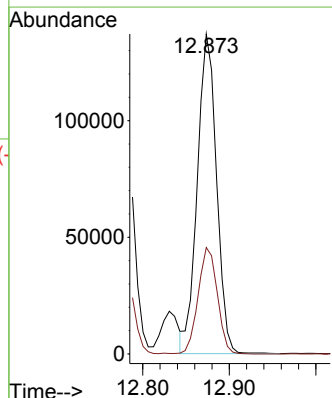
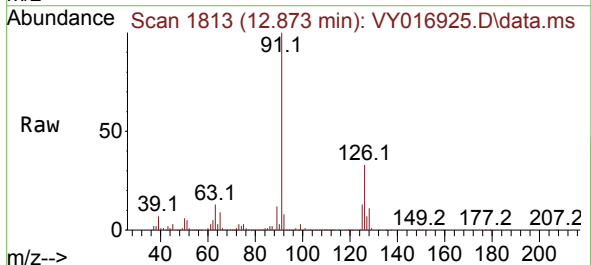
Instrument :
MSVOA_Y
ClientSampleId :

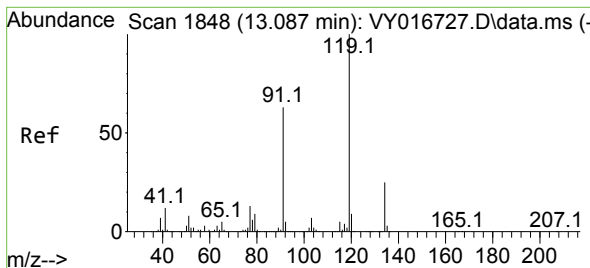
Tgt Ion: 75 Resp: 16377
Ion Ratio Lower Upper
75 100
53 90.4 74.0 111.0
89 45.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 50.063 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 91 Resp: 211093
Ion Ratio Lower Upper
91 100
126 33.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 50.874 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

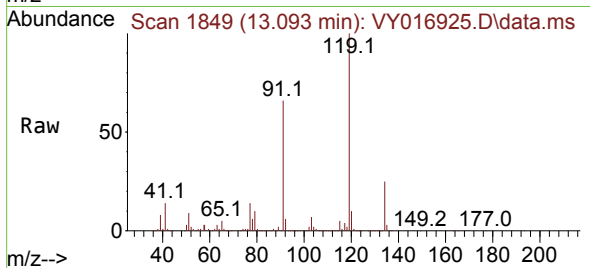
Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :



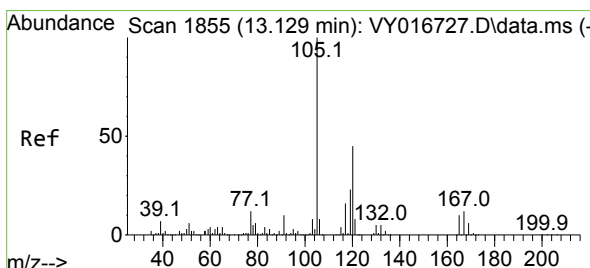
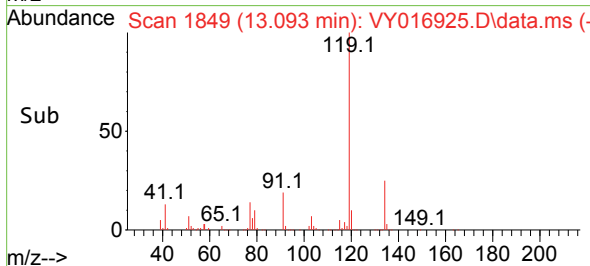
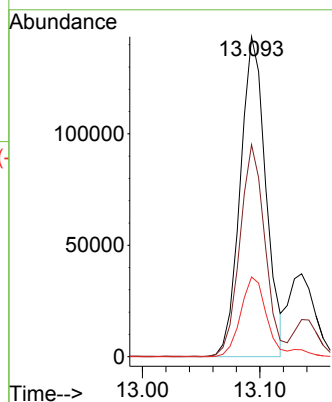
Tgt Ion:119 Resp: 216963

Ion Ratio Lower Upper

119 100

91 65.2 31.5 94.5

134 26.6 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 50.853 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.013 min

Lab File: VY016925.D

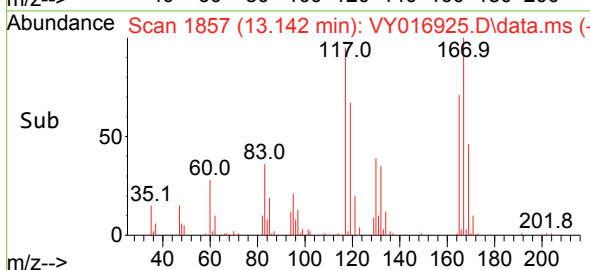
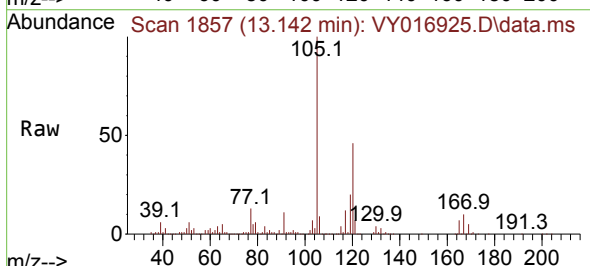
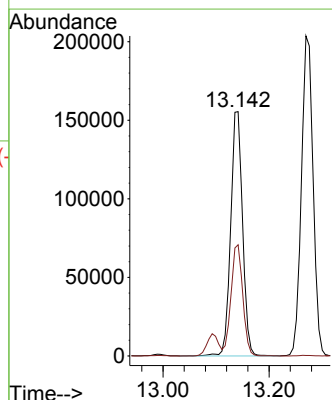
Acq: 05 Jan 2024 16:57

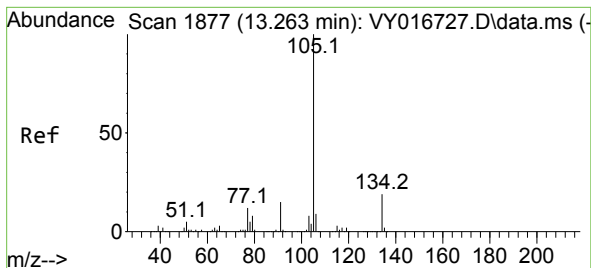
Tgt Ion:105 Resp: 242489

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.3





#85

sec-Butylbenzene

Concen: 48.914 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.007 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

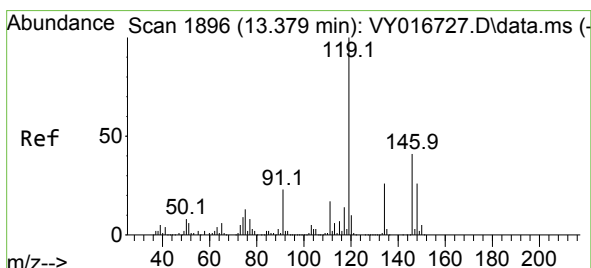
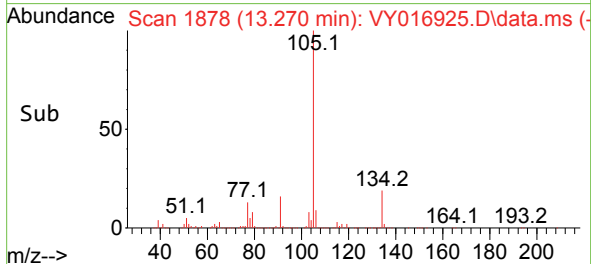
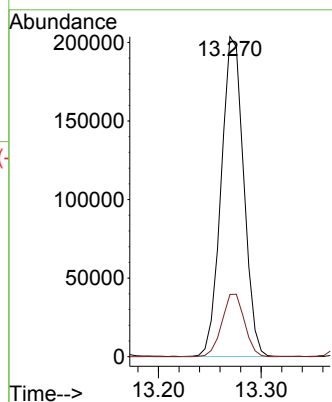
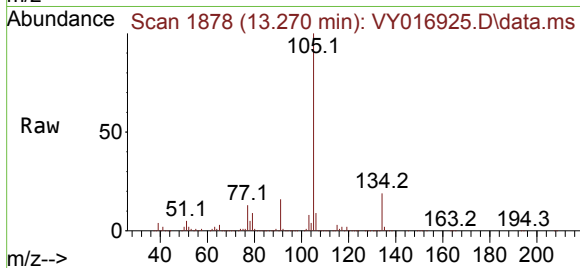
ClientSampleId :

Tgt Ion:105 Resp: 309095

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 48.852 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

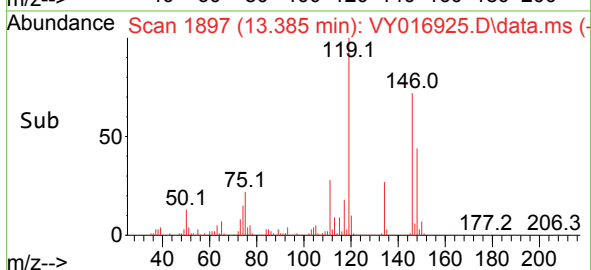
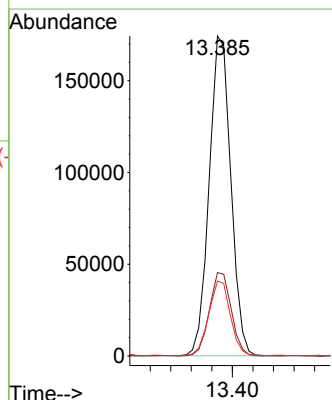
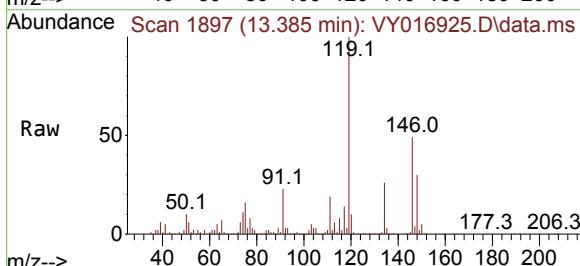
Tgt Ion:119 Resp: 254775

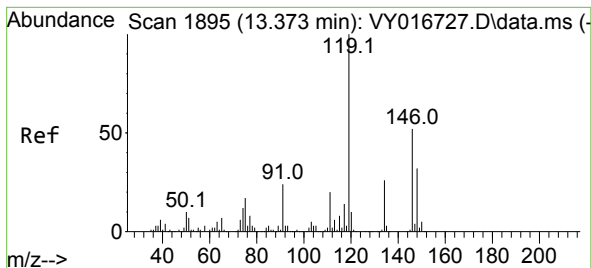
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 48.173 ug/l

RT: 13.385 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

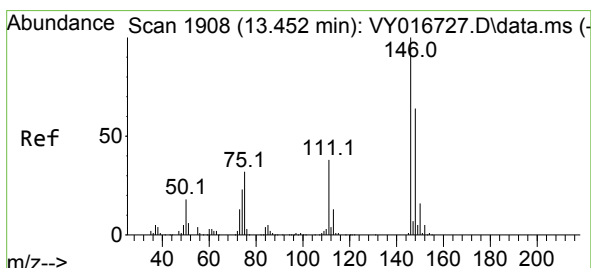
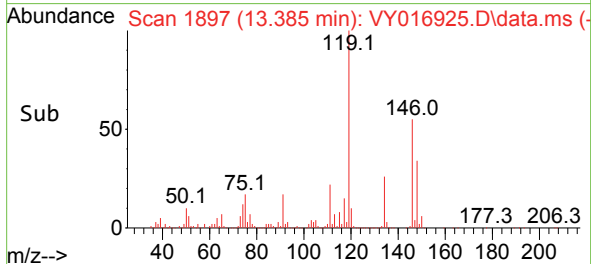
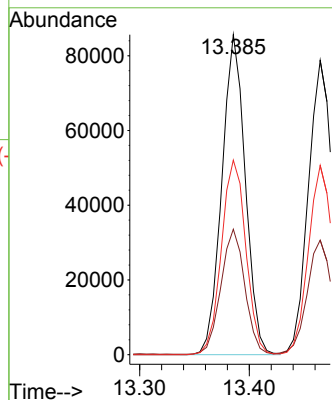
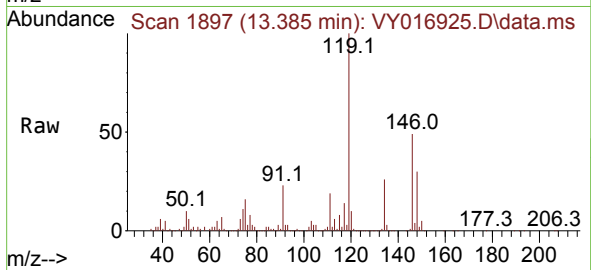
Tgt Ion:146 Resp: 127351

Ion Ratio Lower Upper

146 100

111 39.7 20.2 60.5

148 63.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 47.225 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

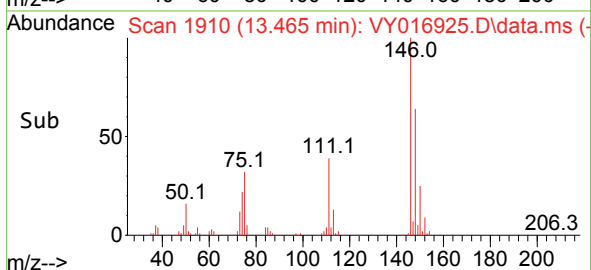
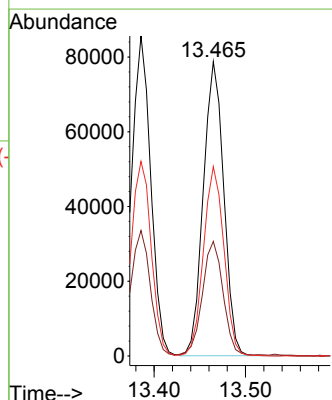
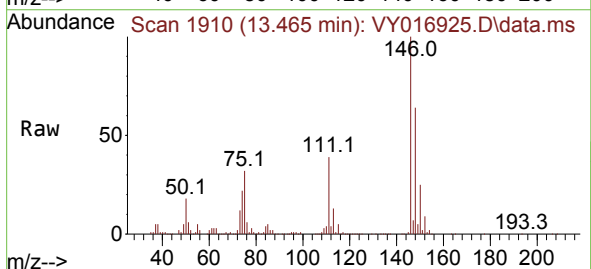
Tgt Ion:146 Resp: 122106

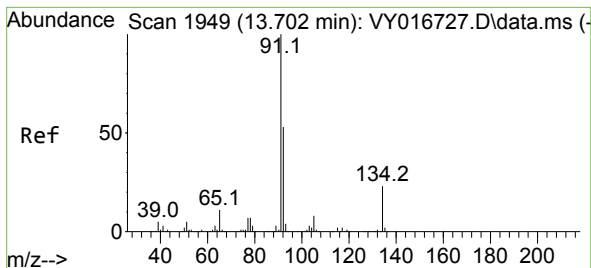
Ion Ratio Lower Upper

146 100

111 39.1 19.3 57.9

148 64.6 31.6 94.7





#89

n-Butylbenzene

Concen: 47.068 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.013 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

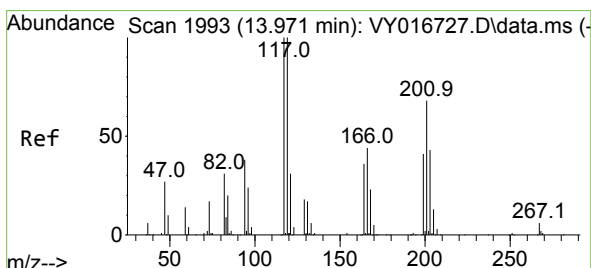
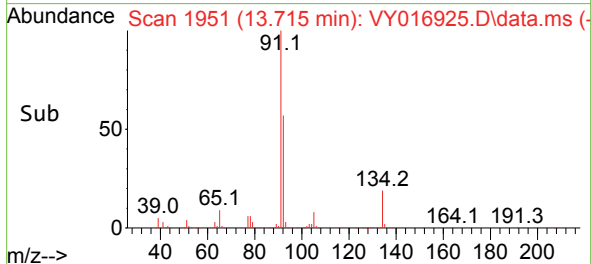
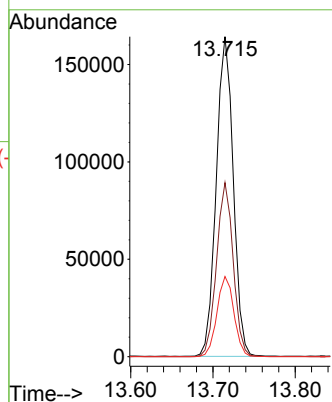
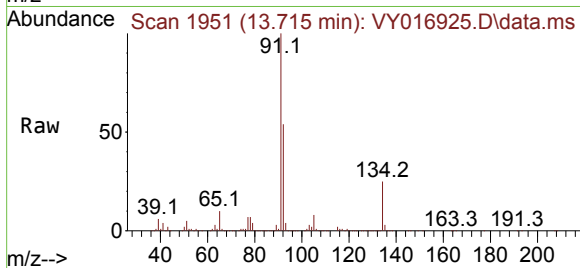
Tgt Ion: 91 Resp: 236016

Ion Ratio Lower Upper

91 100

92 53.3 26.4 79.2

134 25.1 12.3 36.8



#90

Hexachloroethane

Concen: 47.657 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY016925.D

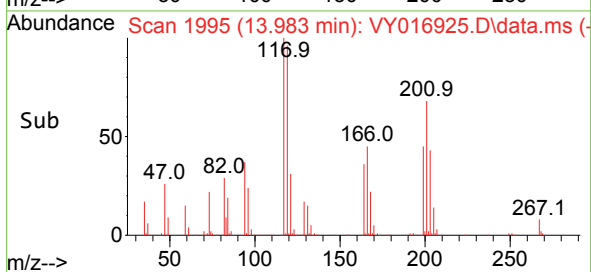
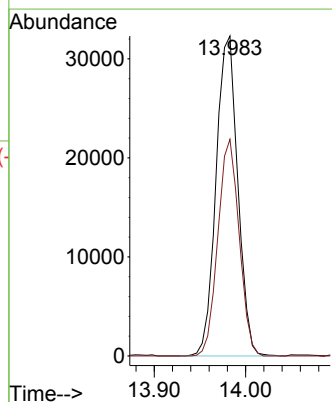
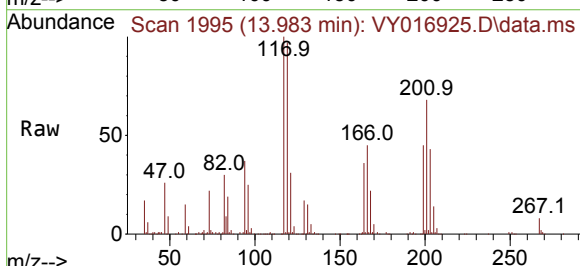
Acq: 05 Jan 2024 16:57

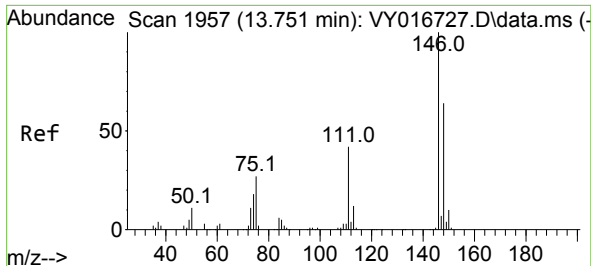
Tgt Ion: 117 Resp: 53407

Ion Ratio Lower Upper

117 100

201 66.3 33.4 100.1

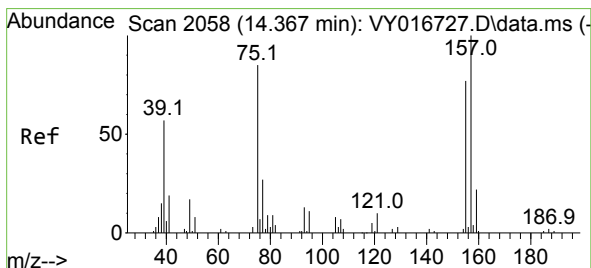
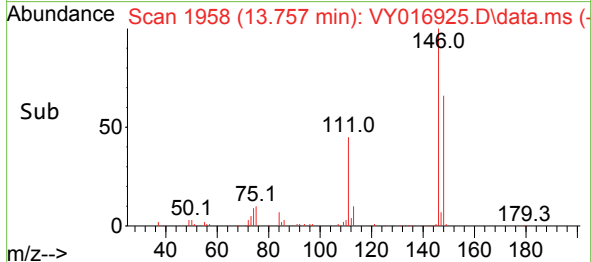
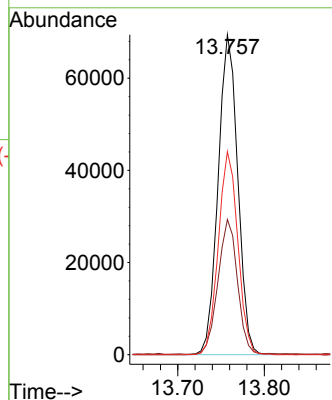
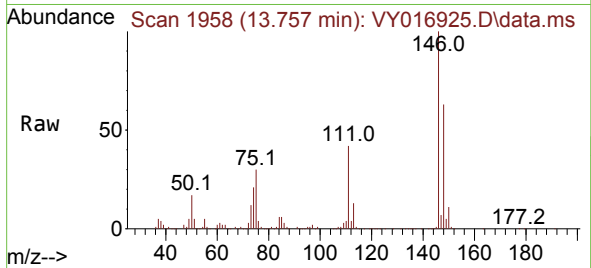




#91
1,2-Dichlorobenzene
Concen: 47.869 ug/l
RT: 13.757 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

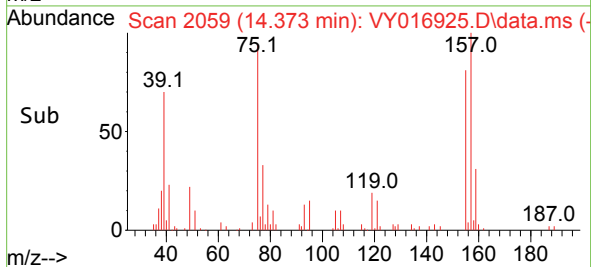
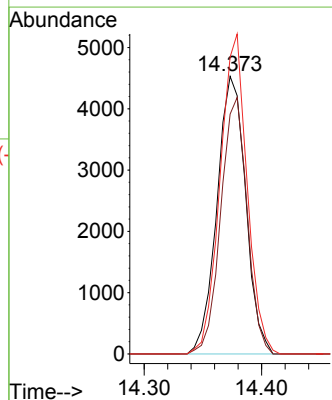
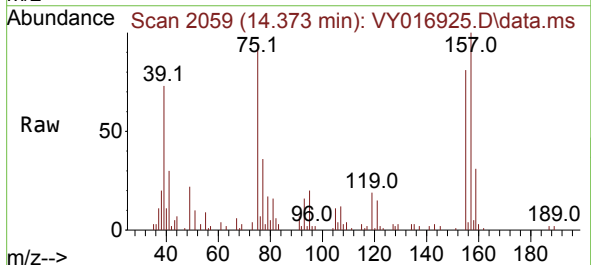
Instrument :
MSVOA_Y
ClientSampleId :

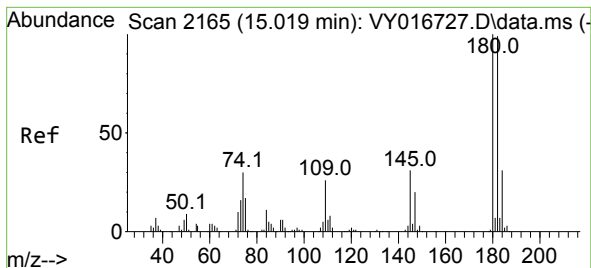
Tgt Ion:146 Resp: 109360
Ion Ratio Lower Upper
146 100
111 41.7 20.5 61.6
148 63.1 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.199 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016925.D
Acq: 05 Jan 2024 16:57

Tgt Ion: 75 Resp: 7696
Ion Ratio Lower Upper
75 100
155 84.7 42.1 126.3
157 108.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 47.806 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

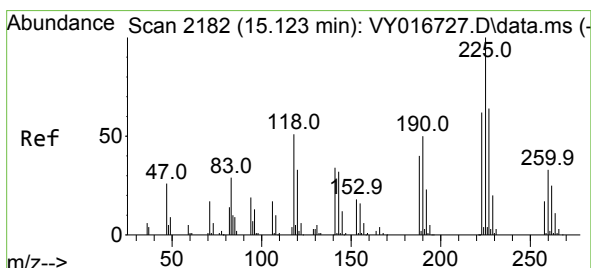
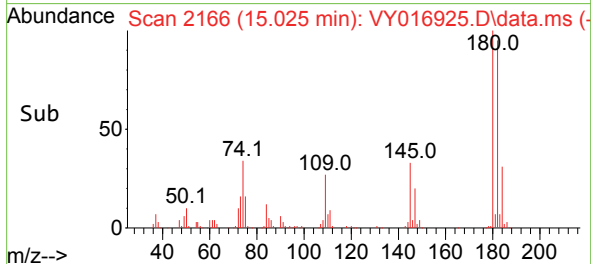
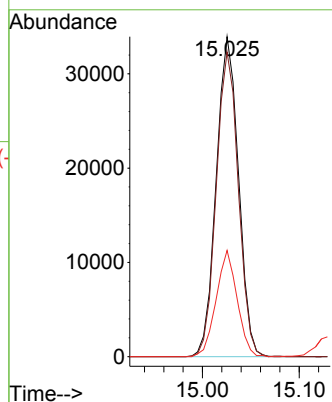
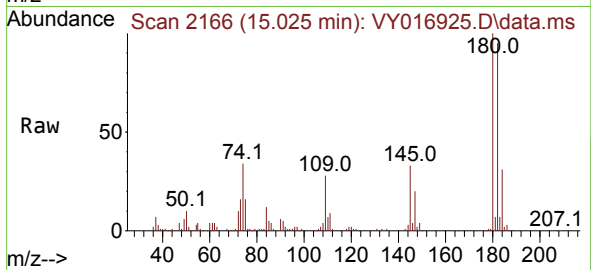
Tgt Ion:180 Resp: 54234

Ion Ratio Lower Upper

180 100

182 94.3 47.9 143.7

145 31.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 40.362 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

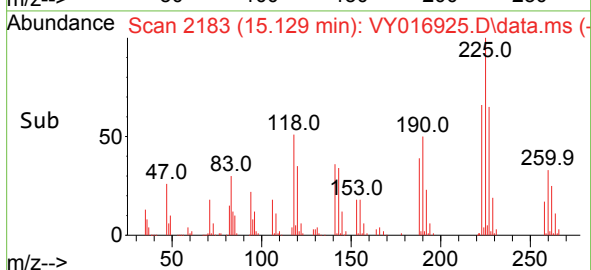
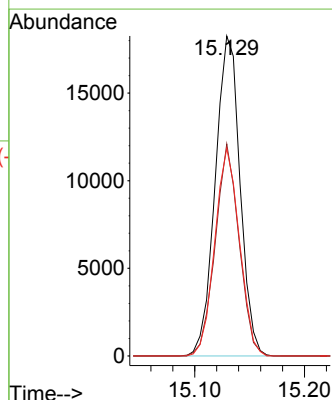
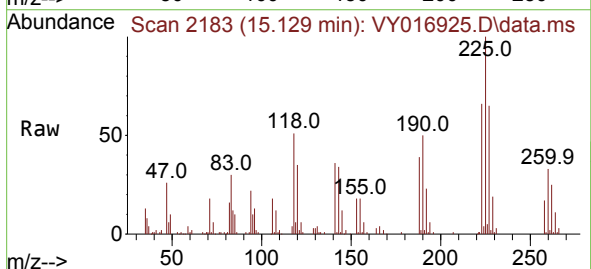
Tgt Ion:225 Resp: 28685

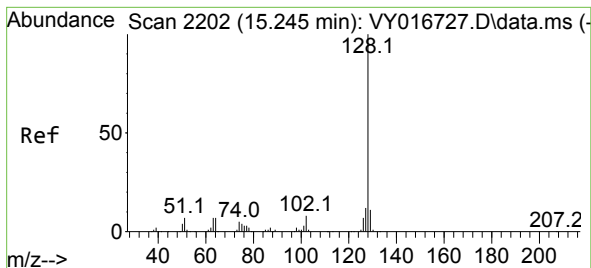
Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.3

227 64.5 32.3 96.8





#95

Naphthalene

Concen: 53.489 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

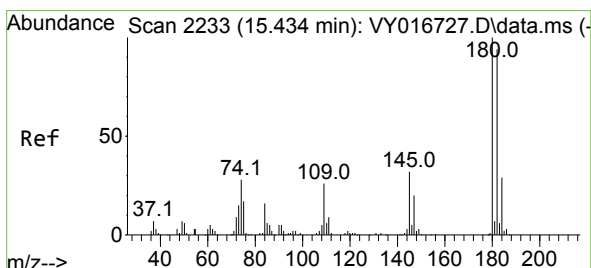
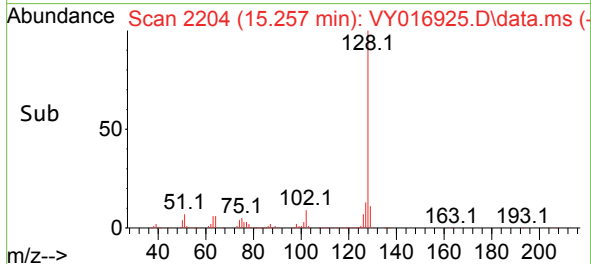
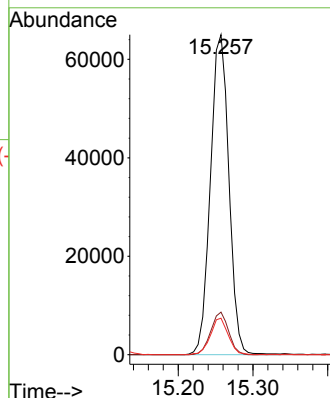
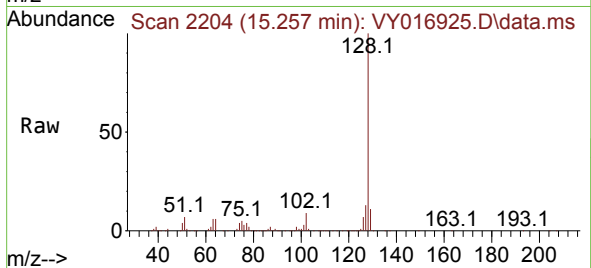
Tgt Ion:128 Resp: 111579

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.814 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016925.D

Acq: 05 Jan 2024 16:57

Tgt Ion:180 Resp: 47021

Ion Ratio Lower Upper

180 100

182 92.9 46.3 138.8

145 32.3 16.1 48.2

