

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016916.D
 Acq On : 05 Jan 2024 12:04
 Operator : SY/MD
 Sample : VY0105SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 05 22:33:17 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	7.813	168	119165	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	204634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	173502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	75871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	62049	52.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.360%	
35) Dibromofluoromethane	7.740	113	66889	51.295	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.600%	
50) Toluene-d8	10.197	98	237300	52.847	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.700%	
62) 4-Bromofluorobenzene	12.495	95	76466	50.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	20643	21.126	ug/l	99
3) Chloromethane	2.125	50	29986	21.421	ug/l	99
4) Vinyl Chloride	2.265	62	34666	20.995	ug/l	98
5) Bromomethane	2.662	94	25752	21.770	ug/l	98
6) Chloroethane	2.808	64	24179	21.647	ug/l	98
7) Trichlorofluoromethane	3.143	101	43756	21.507	ug/l	99
8) Diethyl Ether	3.546	74	13842	21.289	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.924	101	28660	21.665	ug/l	99
10) Methyl Iodide	4.113	142	22525	20.015	ug/l	99
11) Tert butyl alcohol	4.978	59	10623	104.684	ug/l	96
12) 1,1-Dichloroethene	3.893	96	24114	21.246	ug/l	96
13) Acrolein	3.747	56	15128	113.489	ug/l	99
14) Allyl chloride	4.503	41	38930	21.696	ug/l	98
15) Acrylonitrile	5.192	53	31402	103.255	ug/l	99
16) Acetone	3.966	43	40363	127.191	ug/l	98
17) Carbon Disulfide	4.216	76	54744	20.186	ug/l	100
18) Methyl Acetate	4.503	43	23525	18.643	ug/l	98
19) Methyl tert-butyl Ether	5.247	73	61466	20.816	ug/l	97
20) Methylene Chloride	4.741	84	38363	20.499	ug/l	97
21) trans-1,2-Dichloroethene	5.241	96	27595	21.228	ug/l	97
22) Diisopropyl ether	6.137	45	91767	22.122	ug/l	99
23) Vinyl Acetate	6.082	43	207940	109.323	ug/l	99
24) 1,1-Dichloroethane	6.039	63	54355	21.805	ug/l	98
25) 2-Butanone	7.009	43	49215	117.300	ug/l	98
26) 2,2-Dichloropropane	7.002	77	47723	22.080	ug/l	98
27) cis-1,2-Dichloroethene	7.009	96	32563	21.369	ug/l	95
28) Bromochloromethane	7.356	49	21449	22.919	ug/l	96
29) Tetrahydrofuran	7.374	42	23569	98.872	ug/l	97
30) Chloroform	7.527	83	56437	21.969	ug/l	99
31) Cyclohexane	7.807	56	42122	20.838	ug/l	94
32) 1,1,1-Trichloroethane	7.722	97	47705	21.901	ug/l	100
36) 1,1-Dichloropropene	7.941	75	39423	20.745	ug/l	99
37) Ethyl Acetate	7.100	43	17650	20.437	ug/l	99
38) Carbon Tetrachloride	7.923	117	40530	20.991	ug/l	95
39) Methylcyclohexane	9.203	83	43168	20.206	ug/l	95
40) Benzene	8.179	78	120735	21.179	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	9588	21.080	ug/l	92
42) 1,2-Dichloroethane	8.252	62	31306	20.686	ug/l	100
43) Isopropyl Acetate	8.289	43	32792	19.828	ug/l	100
44) Trichloroethene	8.959	130	30088	20.742	ug/l	96
45) 1,2-Dichloropropane	9.234	63	31328	21.331	ug/l	98
46) Dibromomethane	9.319	93	15503	20.698	ug/l	97
47) Bromodichloromethane	9.514	83	41881	20.822	ug/l	100
48) Methyl methacrylate	9.307	41	16837	18.864	ug/l	95
49) 1,4-Dioxane	9.325	88	2787	359.356	ug/l	94
51) 4-Methyl-2-Pentanone	10.087	43	86988	98.903	ug/l	100
52) Toluene	10.258	92	73411	21.338	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	36913	20.489	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	45507	21.033	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	22373	20.446	ug/l	99
56) Ethyl methacrylate	10.526	69	17686	19.082	ug/l	94
57) 1,3-Dichloropropane	10.807	76	38188	20.902	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	48504	94.801	ug/l	99
59) 2-Hexanone	10.849	43	67367	104.022	ug/l	100
60) Dibromochloromethane	11.002	129	25716	20.378	ug/l	99
61) 1,2-Dibromoethane	11.105	107	19330	20.332	ug/l	97
64) Tetrachloroethene	10.740	164	23200	20.625	ug/l	97
65) Chlorobenzene	11.532	112	77055	21.319	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	28949	21.070	ug/l	99
67) Ethyl Benzene	11.611	91	136833	21.028	ug/l	99
68) m/p-Xylenes	11.721	106	102752	43.019	ug/l	99
69) o-Xylene	12.044	106	47180	21.070	ug/l	100
70) Styrene	12.063	104	68965	21.162	ug/l	99
71) Bromoform	12.227	173	13741	20.315	ug/l #	99
73) Isopropylbenzene	12.349	105	130889	21.126	ug/l	100
74) N-amyl acetate	12.160	43	24887	19.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	25308	20.048	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	29750	36.133	ug/l #	100
77) Bromobenzene	12.623	156	28522	20.909	ug/l	100
78) n-propylbenzene	12.690	91	161351	21.422	ug/l	99
79) 2-Chlorotoluene	12.776	91	87977	21.064	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	104956	21.419	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	7288	20.100	ug/l	95
82) 4-Chlorotoluene	12.873	91	91339	21.405	ug/l	100
83) tert-Butylbenzene	13.093	119	92242	21.373	ug/l	99
84) 1,2,4-Trimethylbenzene	13.135	105	100944	20.919	ug/l	98
85) sec-Butylbenzene	13.270	105	137296	21.469	ug/l	99
86) p-Isopropyltoluene	13.385	119	112779	21.369	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	55240	20.648	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	54384	20.784	ug/l	99
89) n-Butylbenzene	13.715	91	107540	21.192	ug/l	99
90) Hexachloroethane	13.977	117	23841	21.022	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	47575	20.578	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3211	20.284	ug/l	92
93) 1,2,4-Trichlorobenzene	15.025	180	23593	20.550	ug/l	97
94) Hexachlorobutadiene	15.129	225	14870	20.675	ug/l	96
95) Naphthalene	15.257	128	38248	19.931	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	19775	20.286	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

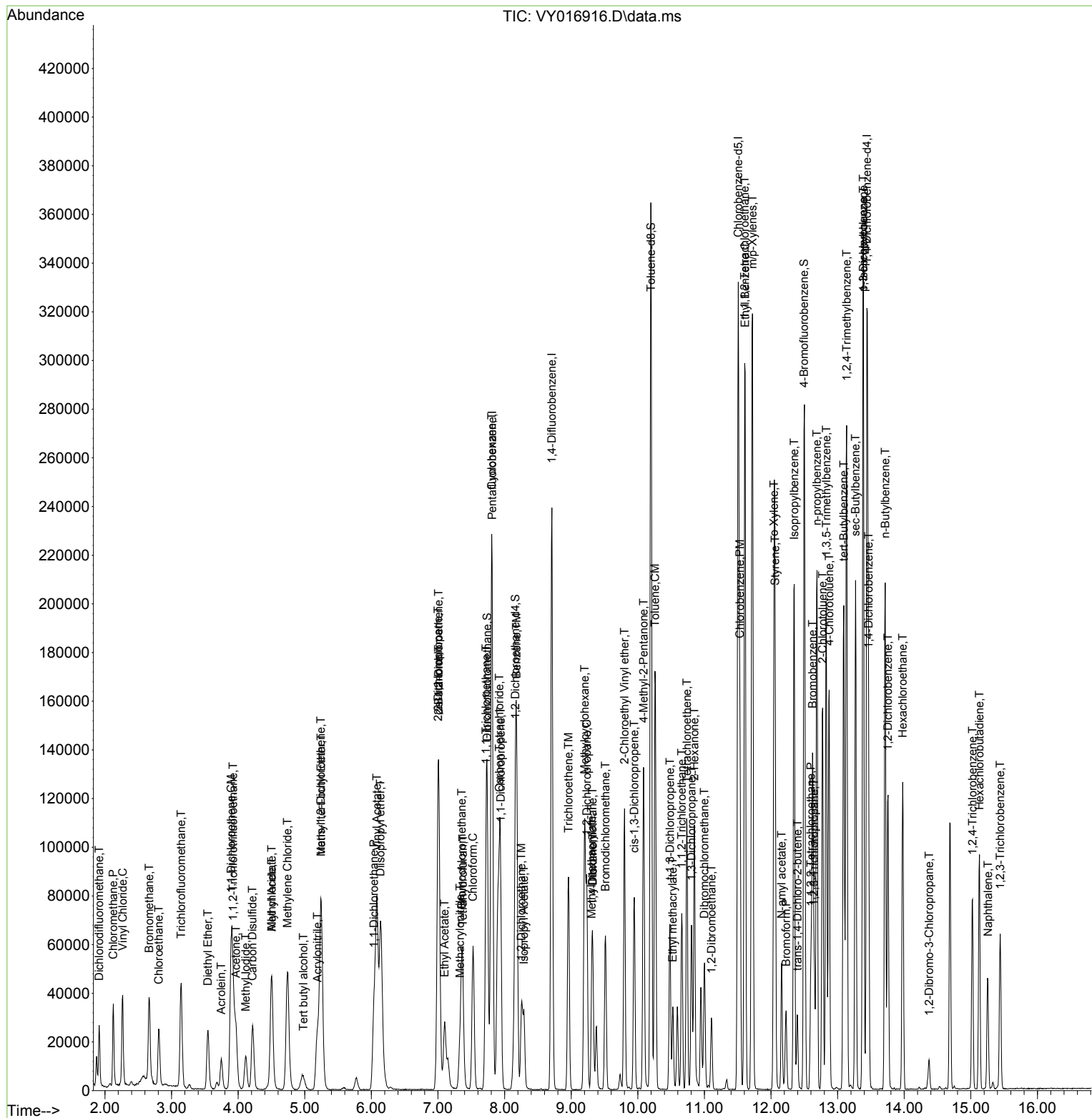
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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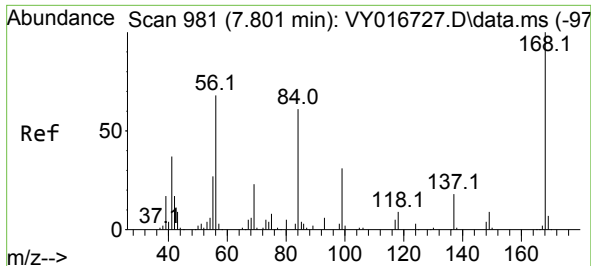
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 Quant Title : SW846 8260
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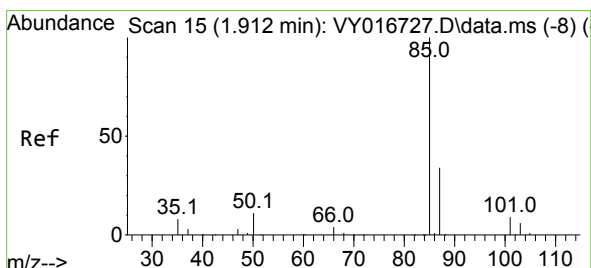
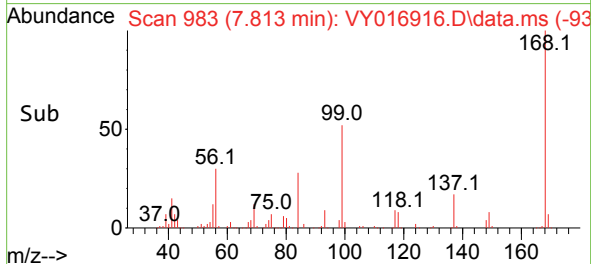
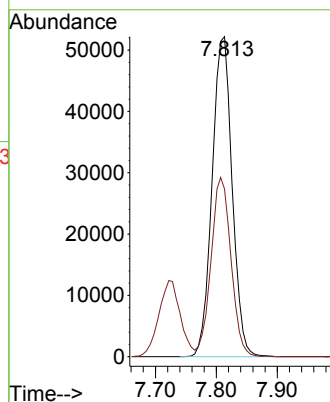
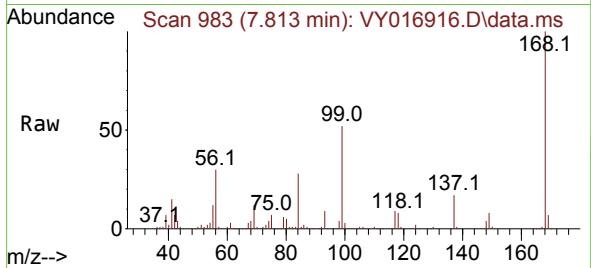




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY016916.D
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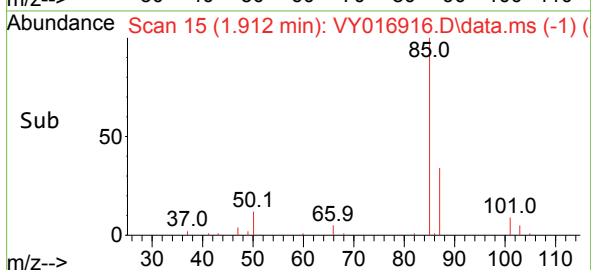
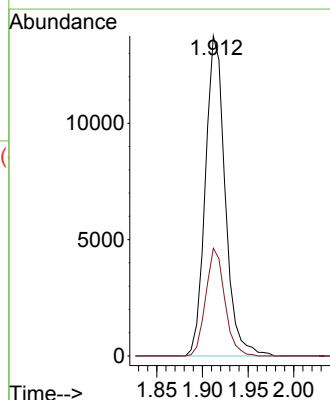
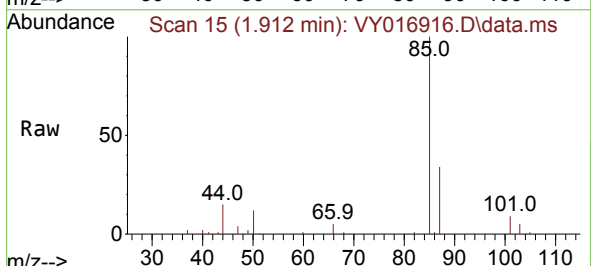
Instrument :
MSVOA_Y
ClientSampleId :

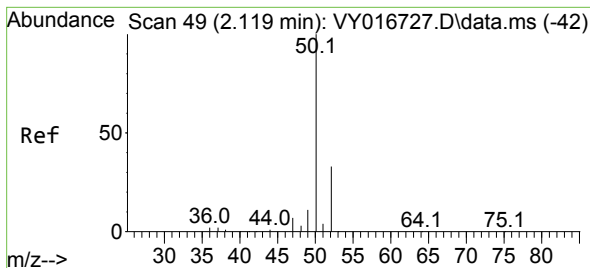
Tgt Ion:168 Resp: 119165
Ion Ratio Lower Upper
168 100
99 52.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 21.126 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion: 85 Resp: 20643
Ion Ratio Lower Upper
85 100
87 33.6 17.1 51.3





#3

Chloromethane

Concen: 21.421 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

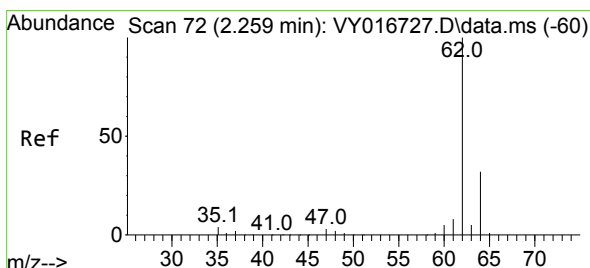
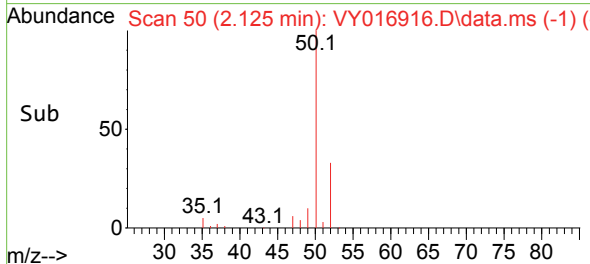
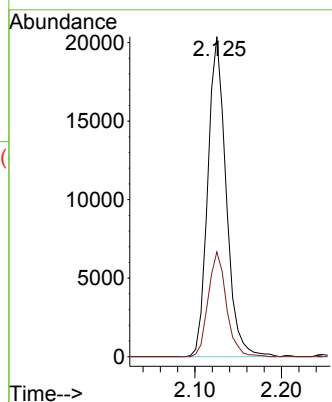
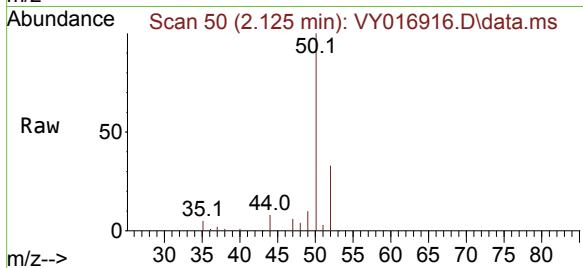
ClientSampleId :

Tgt Ion: 50 Resp: 29986

Ion Ratio Lower Upper

50 100

52 32.7 26.7 40.1



#4

Vinyl Chloride

Concen: 20.995 ug/l

RT: 2.265 min Scan# 73

Delta R.T. 0.006 min

Lab File: VY016916.D

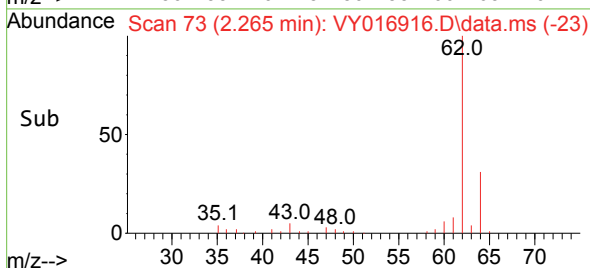
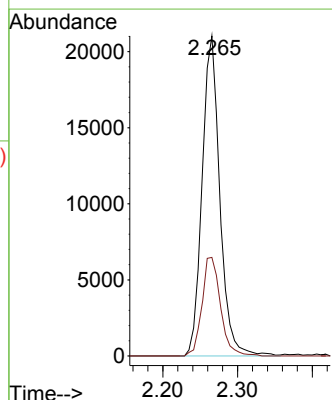
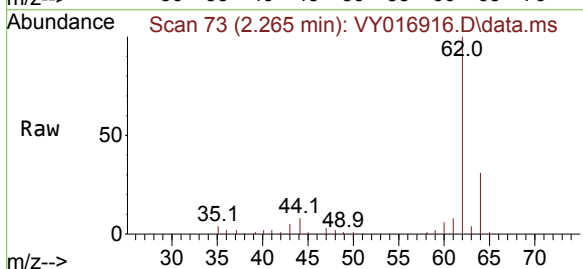
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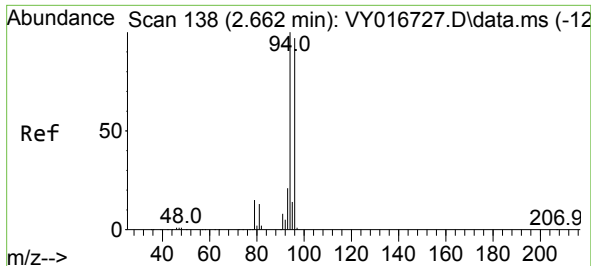
Tgt Ion: 62 Resp: 34666

Ion Ratio Lower Upper

62 100

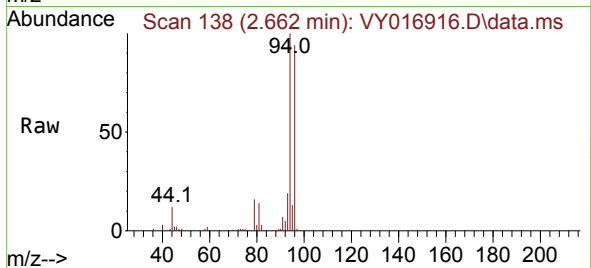
64 30.8 25.7 38.5



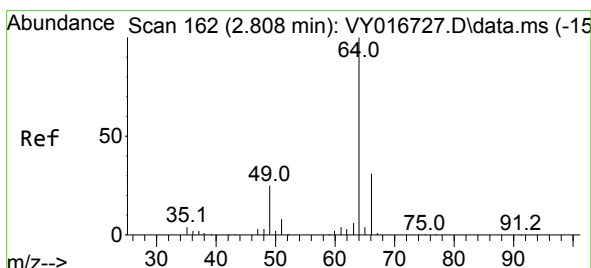
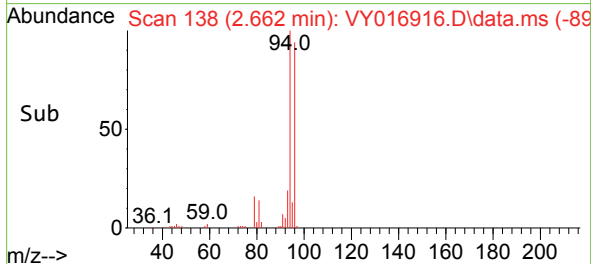
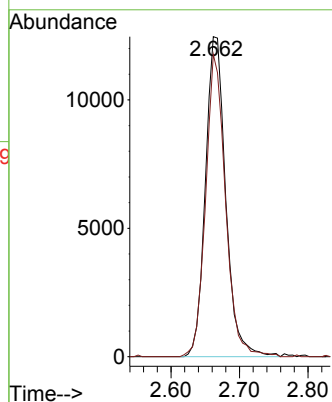


#5
Bromomethane
Concen: 21.770 ug/l
RT: 2.662 min Scan# 138
Delta R.T. -0.000 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Instrument :
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ClientSampleId :

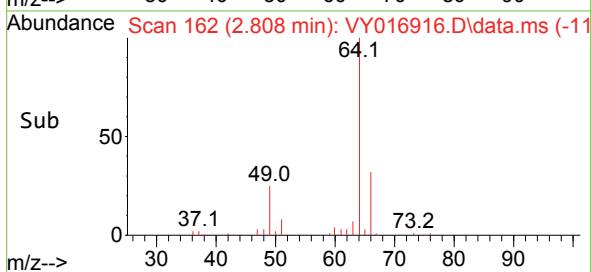
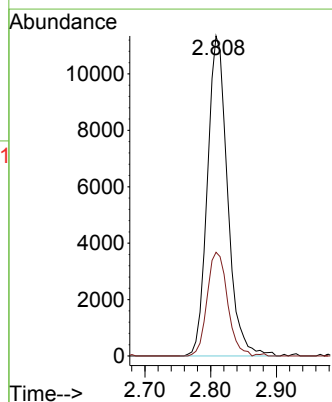
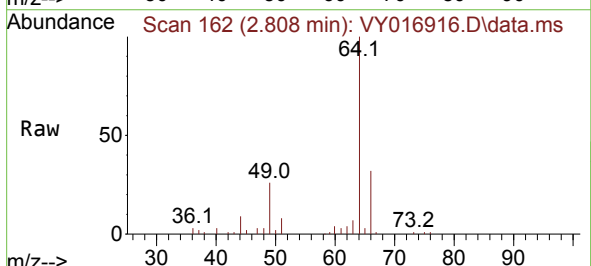


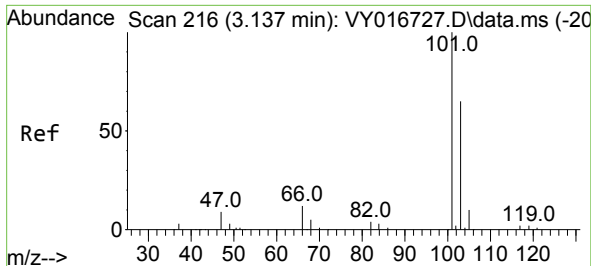
Tgt Ion: 94 Resp: 25752
Ion Ratio Lower Upper
94 100
96 94.4 77.3 115.9



#6
Chloroethane
Concen: 21.647 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

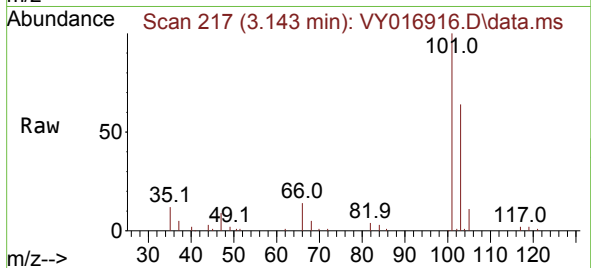
Tgt Ion: 64 Resp: 24179
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7



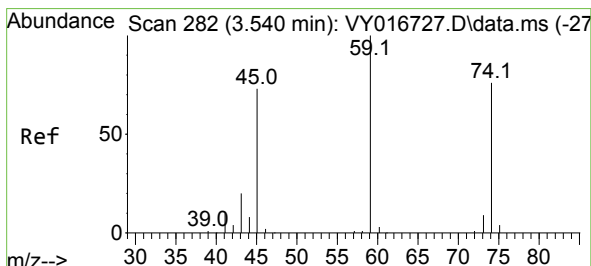
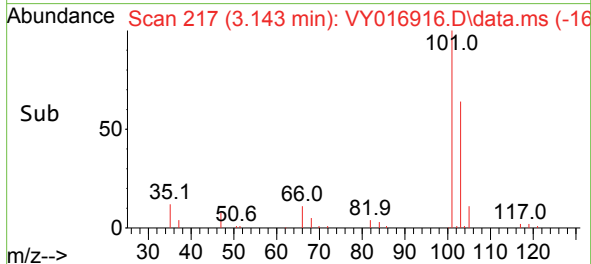
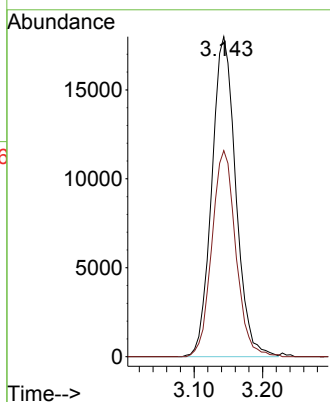


#7
 Trichlorofluoromethane
 Concen: 21.507 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016916.D
 Acq: 05 Jan 2024 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :

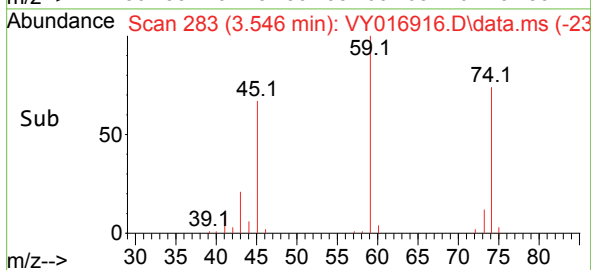
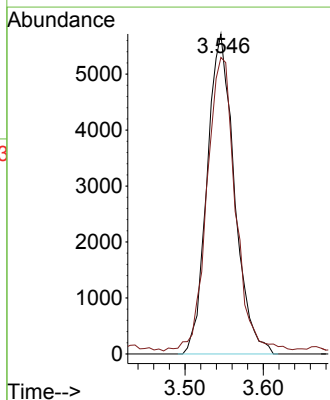
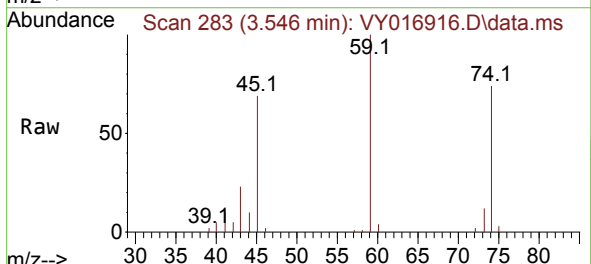


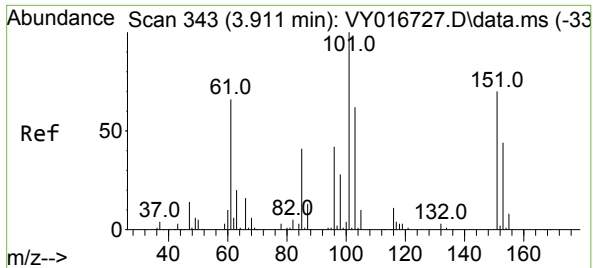
Tgt Ion:101 Resp: 43756
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.9 77.9



#8
 Diethyl Ether
 Concen: 21.289 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016916.D
 Acq: 05 Jan 2024 12:04

Tgt Ion: 74 Resp: 13842
 Ion Ratio Lower Upper
 74 100
 45 96.8 47.9 143.7

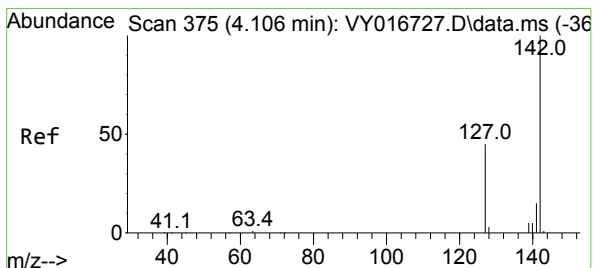
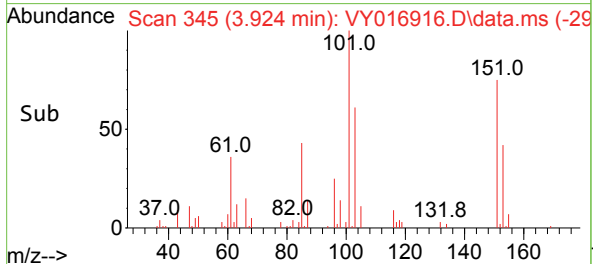
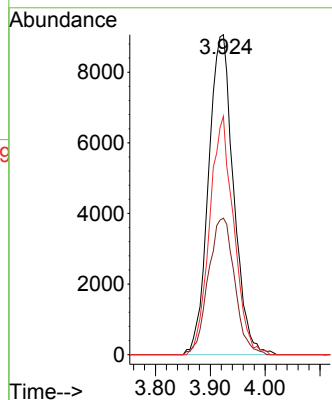
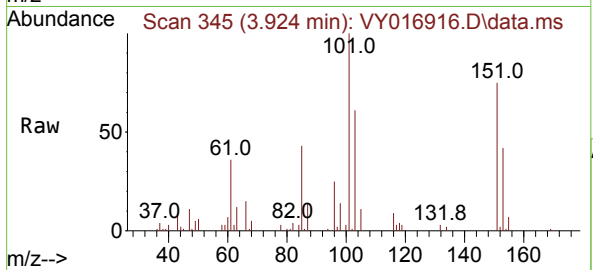




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.665 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.013 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

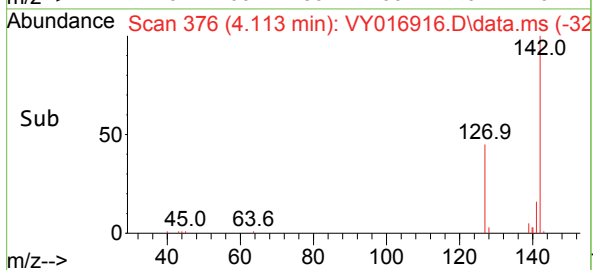
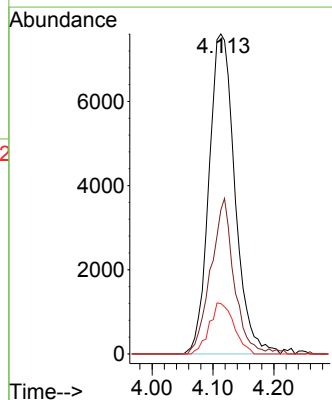
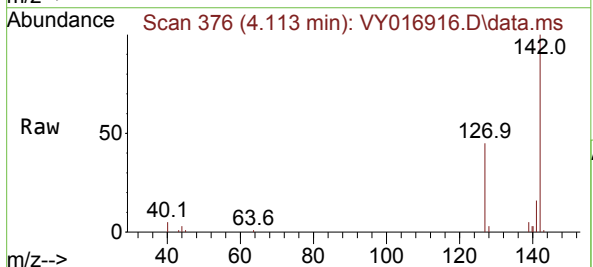
Instrument :
MSVOA_Y
ClientSampleId :

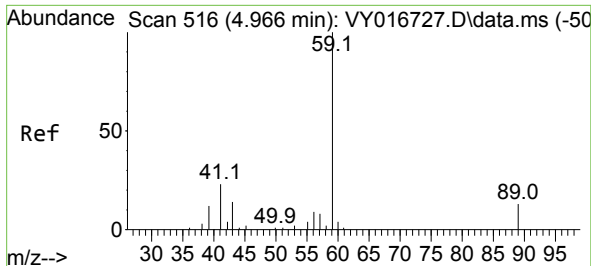
Tgt Ion:101 Resp: 28660
Ion Ratio Lower Upper
101 100
85 44.9 35.8 53.6
151 71.9 58.6 88.0



#10
Methyl Iodide
Concen: 20.015 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

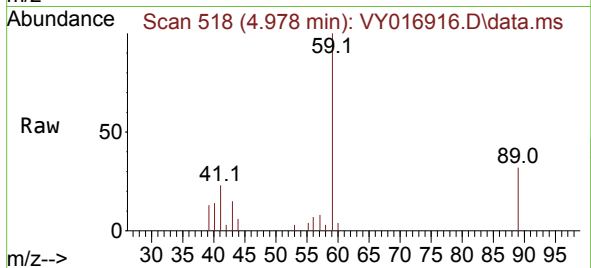
Tgt Ion:142 Resp: 22525
Ion Ratio Lower Upper
142 100
127 43.3 35.1 52.7
141 15.1 11.8 17.6



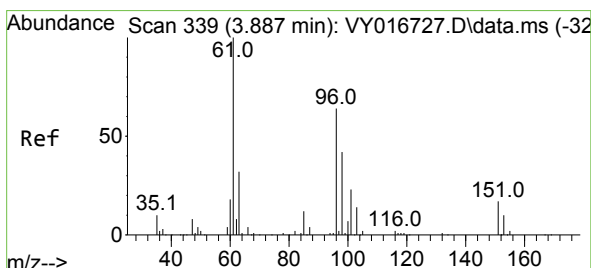
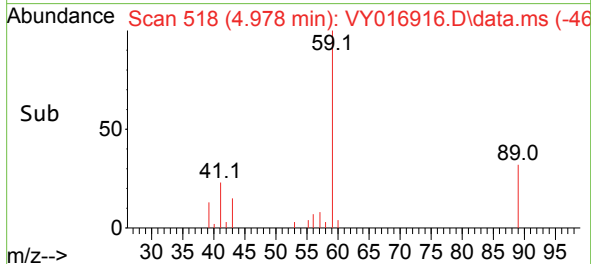
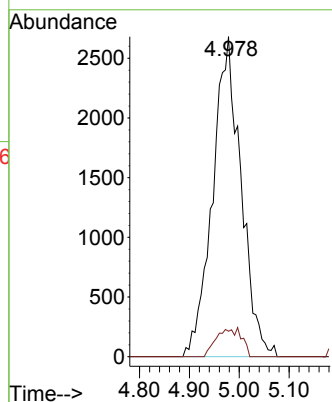


#11
Tert butyl alcohol
Concen: 104.684 ug/l
RT: 4.978 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Instrument :
MSVOA_Y
ClientSampleId :

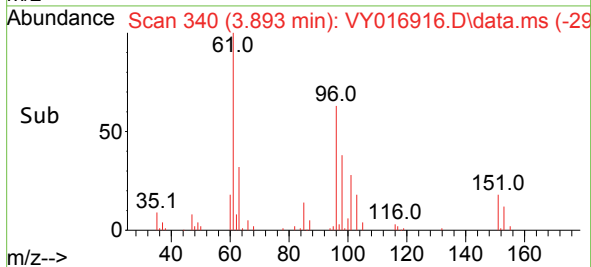
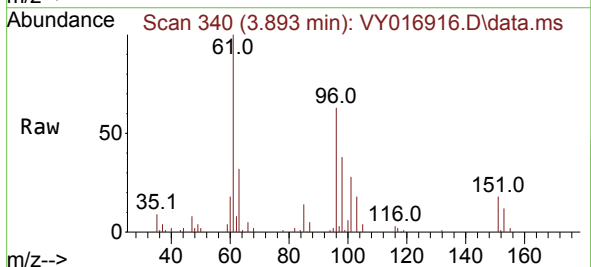
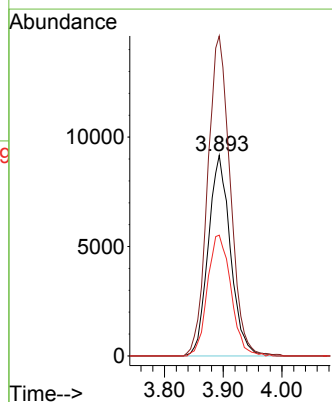


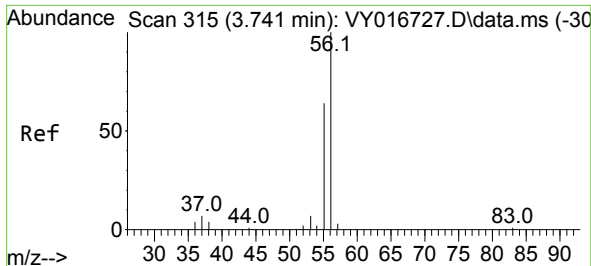
Tgt Ion: 59 Resp: 10623
Ion Ratio Lower Upper
59 100
57 7.9 7.4 11.0



#12
1,1-Dichloroethene
Concen: 21.246 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion: 96 Resp: 24114
Ion Ratio Lower Upper
96 100
61 159.5 124.2 186.2
98 60.2 52.6 79.0





#13

Acrolein

Concen: 113.489 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

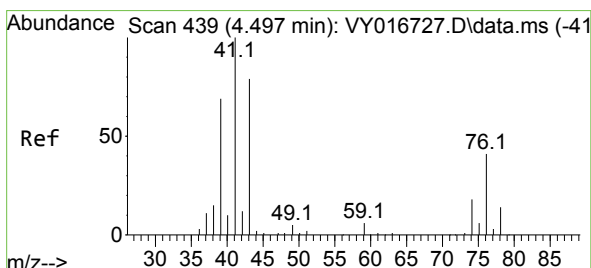
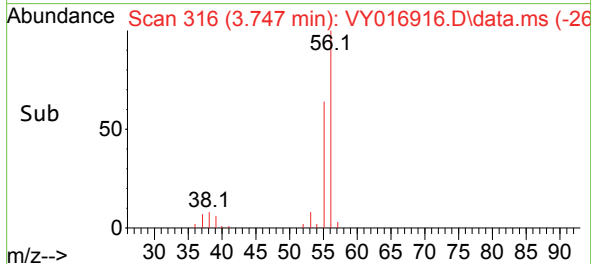
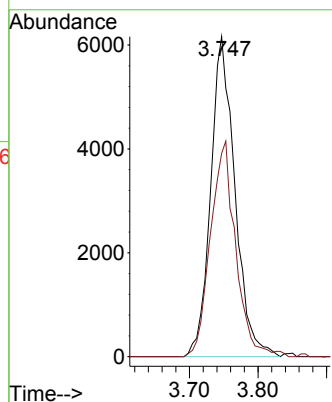
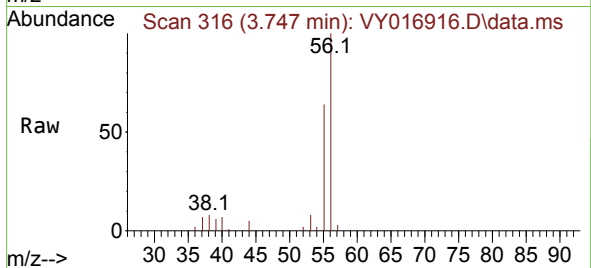
ClientSampleId :

Tgt Ion: 56 Resp: 15128

Ion Ratio Lower Upper

56 100

55 70.2 55.4 83.0



#14

Allyl chloride

Concen: 21.696 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

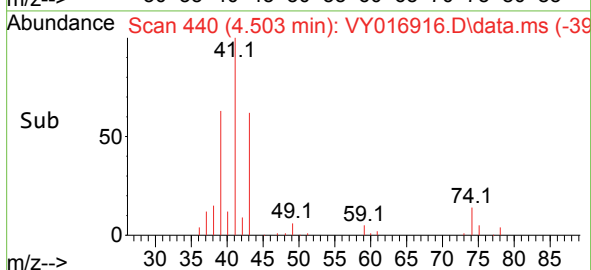
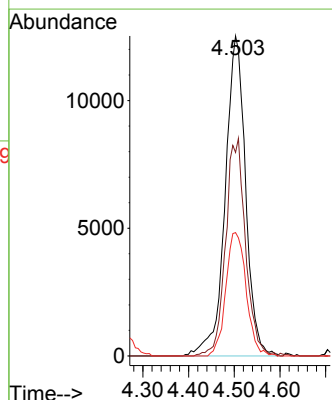
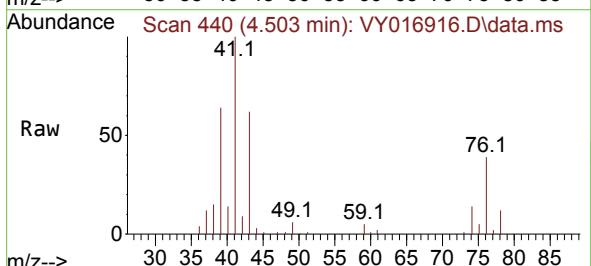
Tgt Ion: 41 Resp: 38930

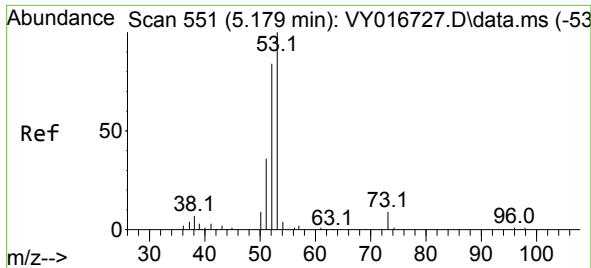
Ion Ratio Lower Upper

41 100

39 66.2 54.7 82.1

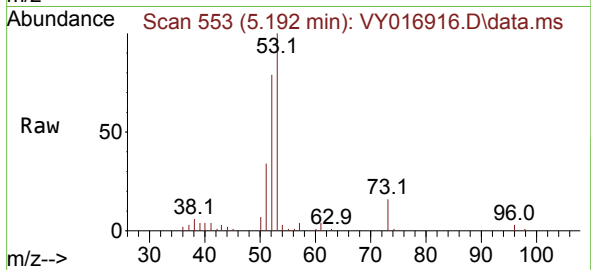
76 38.5 31.8 47.6



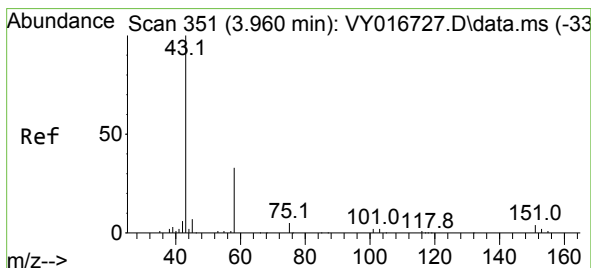
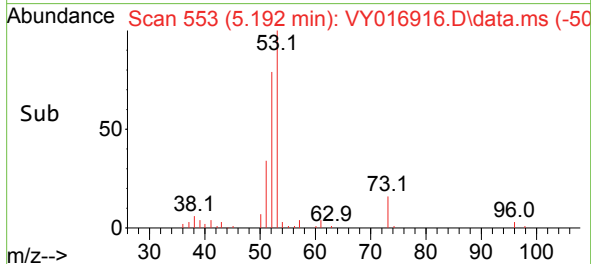
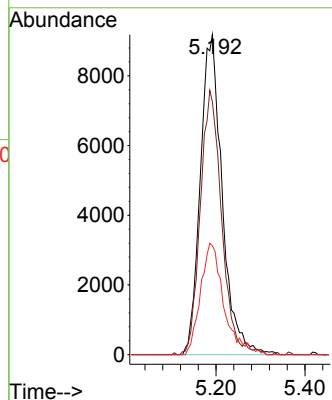


#15
Acrylonitrile
Concen: 103.255 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Instrument :
MSVOA_Y
ClientSampleId :

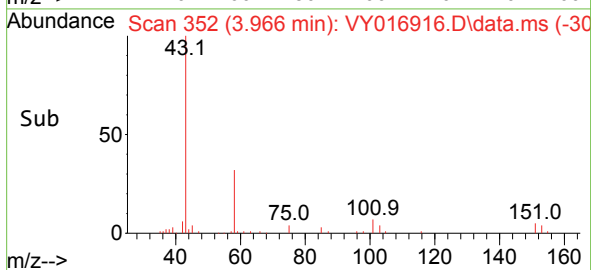
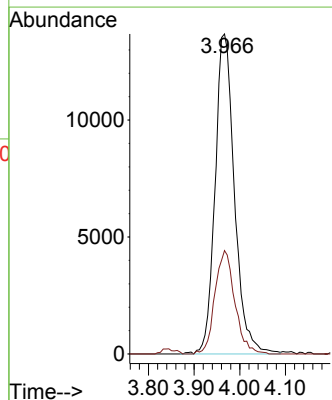
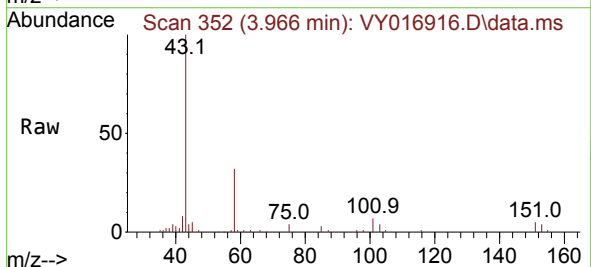


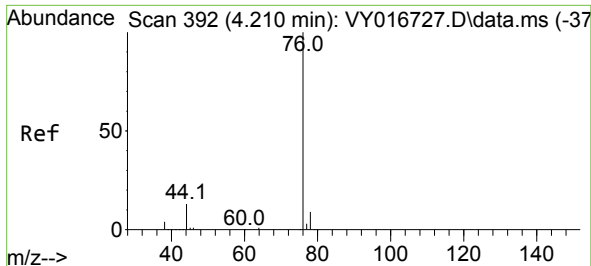
Tgt Ion:	53	Resp:	31402
Ion	Ratio	Lower	Upper
53	100		
52	80.6	65.1	97.7
51	37.2	29.0	43.4



#16
Acetone
Concen: 127.191 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion:	43	Resp:	40363
Ion	Ratio	Lower	Upper
43	100		
58	32.3	26.6	39.8

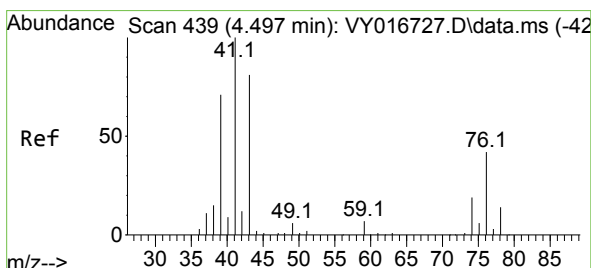
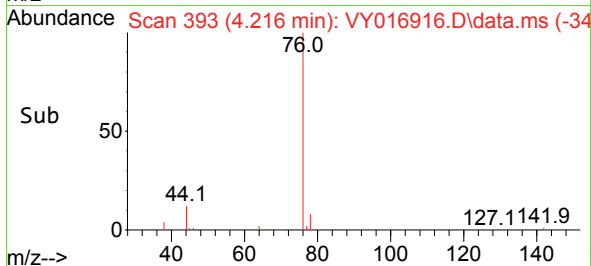
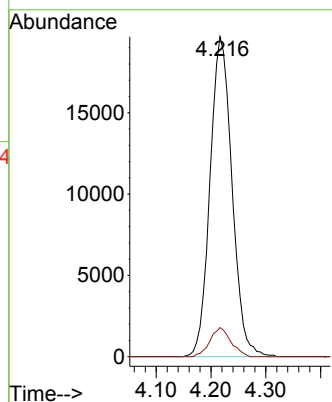
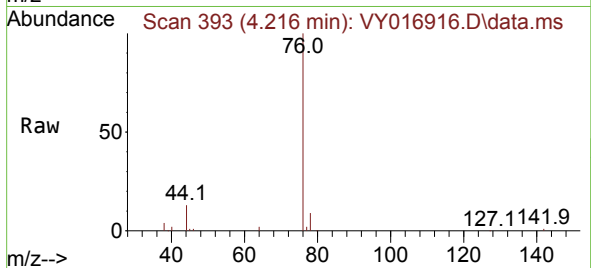




#17
Carbon Disulfide
Concen: 20.186 ug/l
RT: 4.216 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

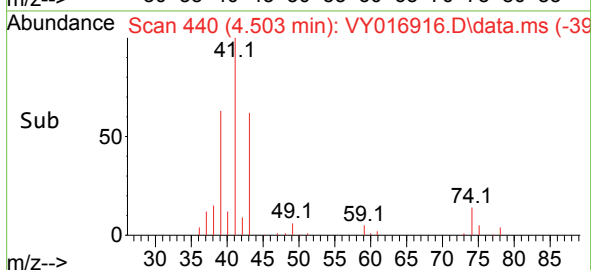
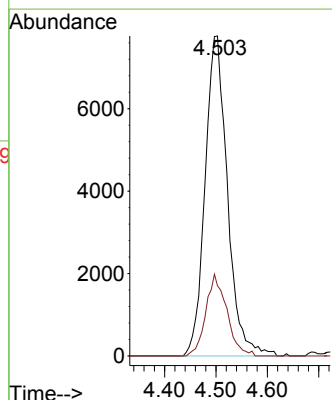
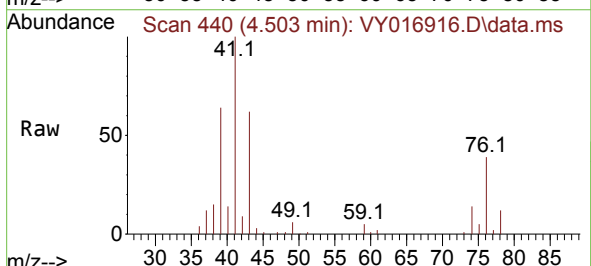
Instrument :
MSVOA_Y
ClientSampleId :

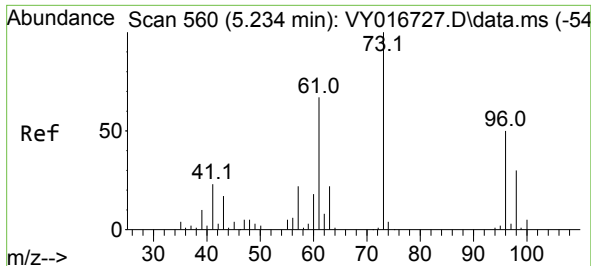
Tgt Ion: 76 Resp: 54744
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 18.643 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion: 43 Resp: 23525
Ion Ratio Lower Upper
43 100
74 23.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 20.816 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.013 min

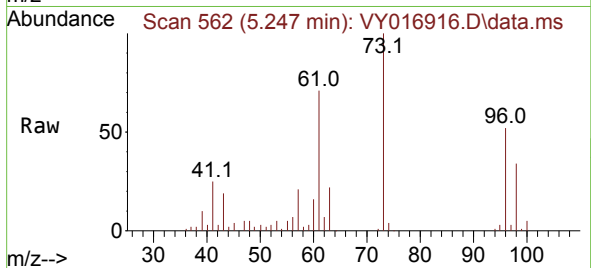
Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

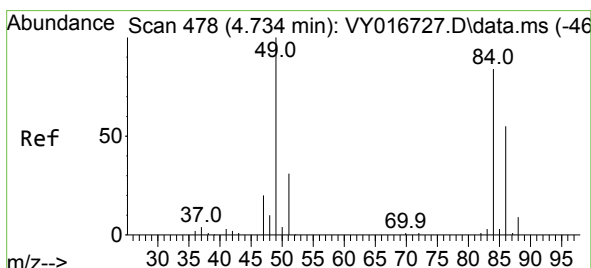
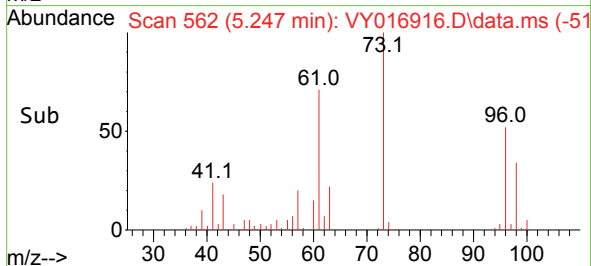
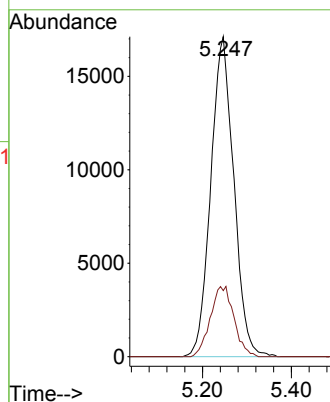


Tgt Ion: 73 Resp: 61466

Ion Ratio Lower Upper

73 100

57 20.6 17.7 26.5



#20

Methylene Chloride

Concen: 20.499 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.007 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Tgt Ion: 84 Resp: 38363

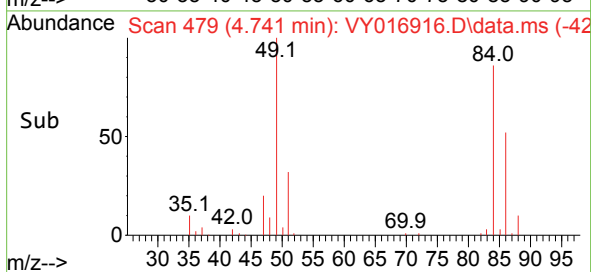
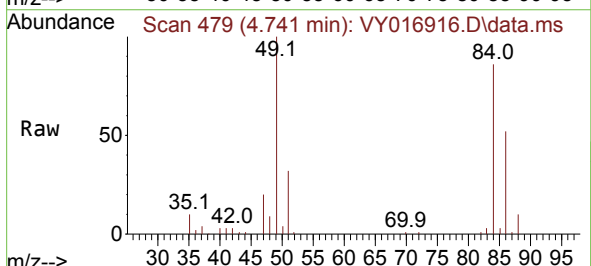
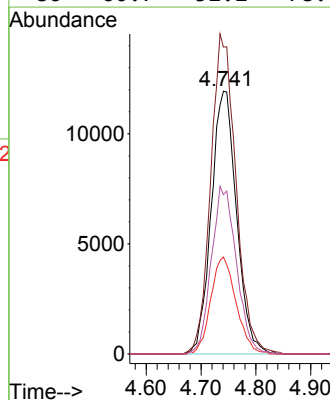
Ion Ratio Lower Upper

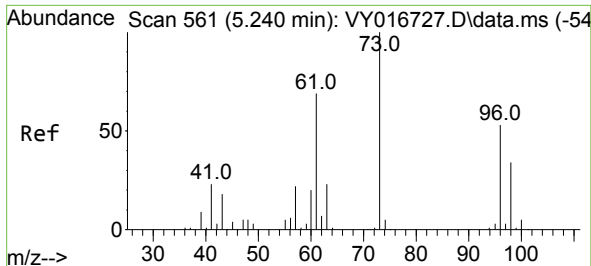
84 100

49 116.9 95.2 142.8

51 36.9 29.9 44.9

86 60.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.228 ug/l

RT: 5.241 min Scan# 50

Delta R.T. 0.001 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

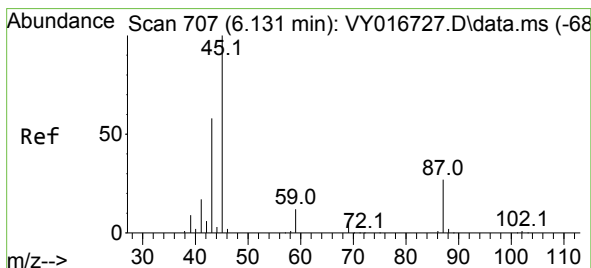
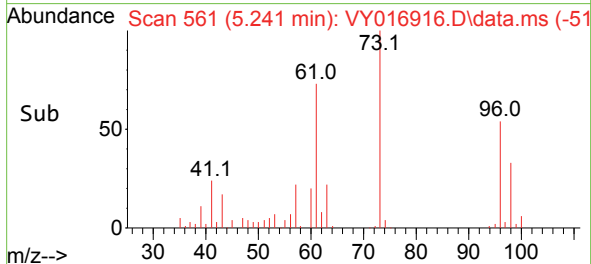
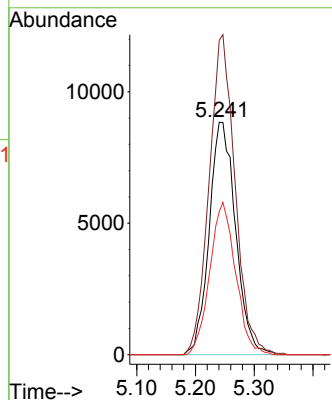
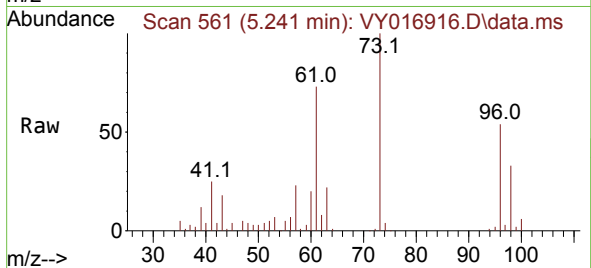
Tgt Ion: 96 Resp: 27595

Ion Ratio Lower Upper

96 100

61 135.3 104.6 156.8

98 61.5 50.9 76.3



#22

Diisopropyl ether

Concen: 22.122 ug/l

RT: 6.137 min Scan# 708

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Tgt Ion: 45 Resp: 91767

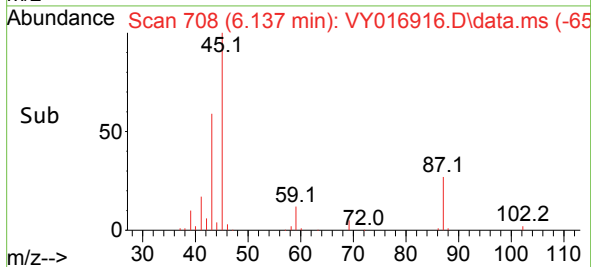
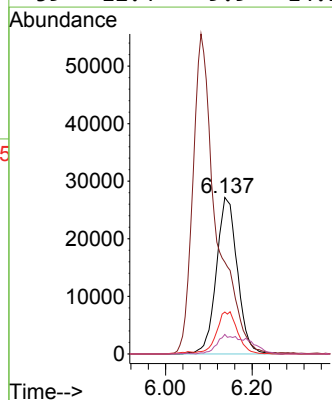
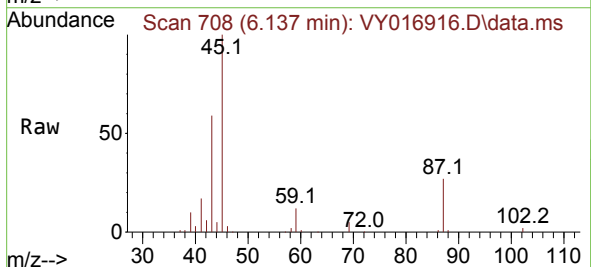
Ion Ratio Lower Upper

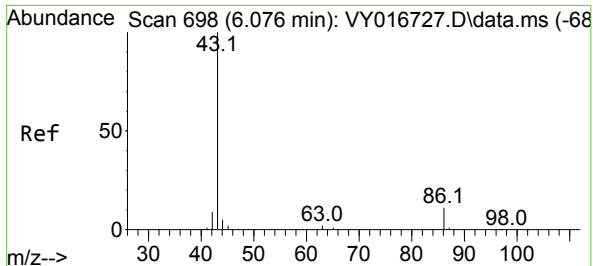
45 100

43 57.9 46.8 70.2

87 26.8 22.2 33.2

59 12.4 9.9 14.9

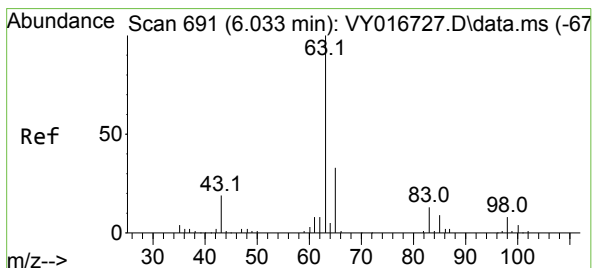
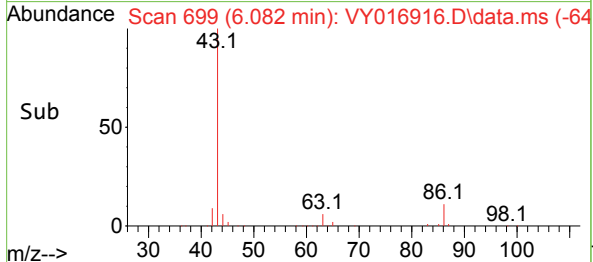
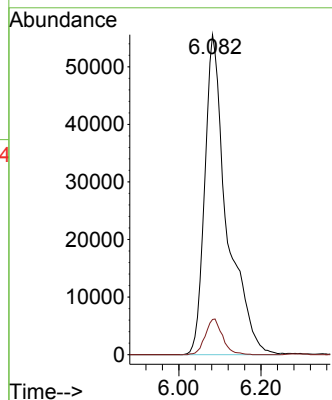
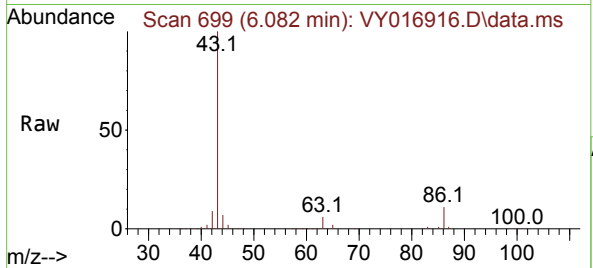




#23
 Vinyl Acetate
 Concen: 109.323 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016916.D
 Acq: 05 Jan 2024 12:04

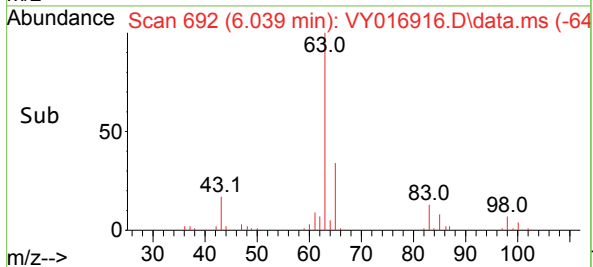
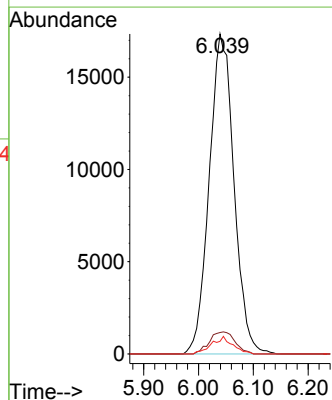
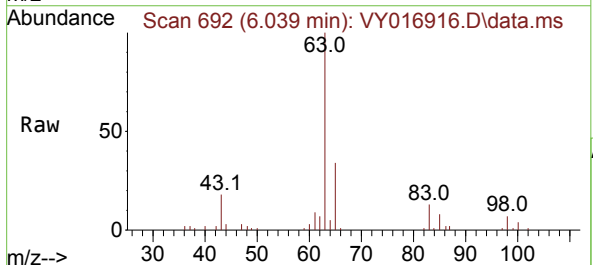
Instrument :
 MSVOA_Y
 ClientSampleId :

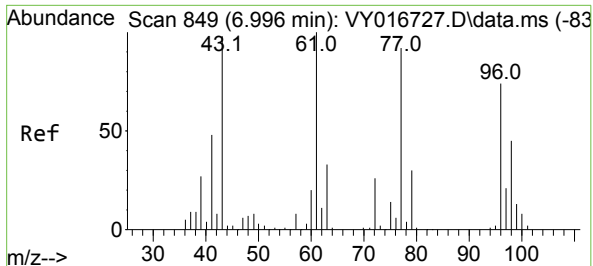
Tgt Ion: 43 Resp: 207940
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.805 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016916.D
 Acq: 05 Jan 2024 12:04

Tgt Ion: 63 Resp: 54355
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 4.0 2.1 6.2





#25

2-Butanone

Concen: 117.300 ug/l

RT: 7.009 min Scan# 8

Delta R.T. 0.013 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

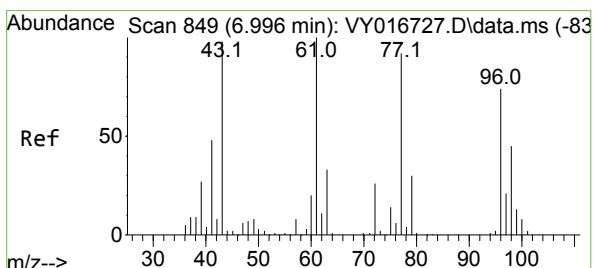
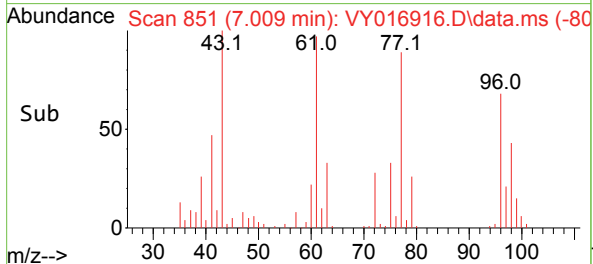
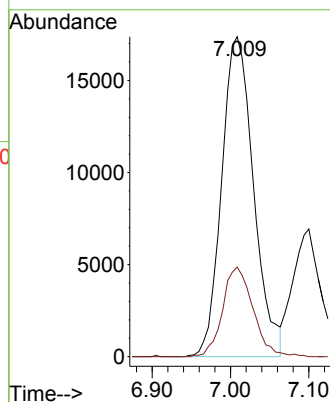
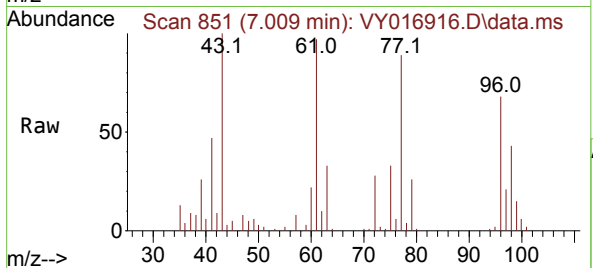
ClientSampleId :

Tgt Ion: 43 Resp: 49215

Ion Ratio Lower Upper

43 100

72 28.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 22.080 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016916.D

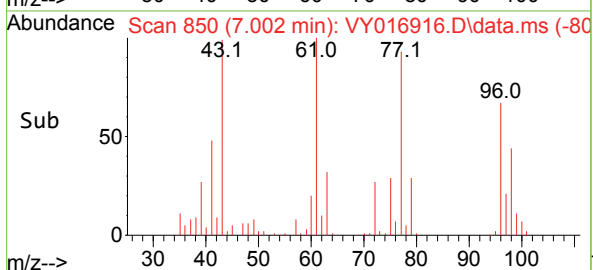
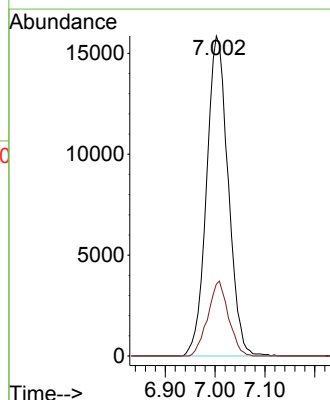
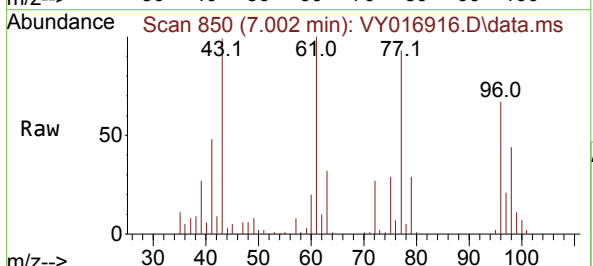
Acq: 05 Jan 2024 12:04

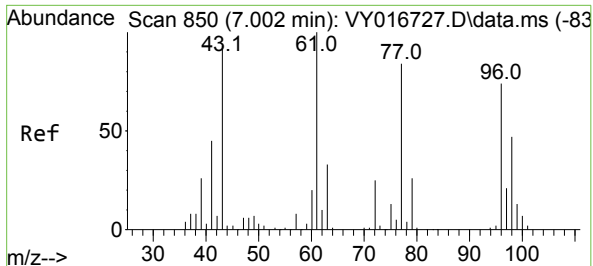
Tgt Ion: 77 Resp: 47723

Ion Ratio Lower Upper

77 100

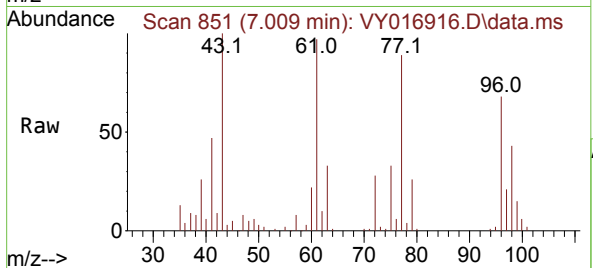
97 22.4 11.7 35.0



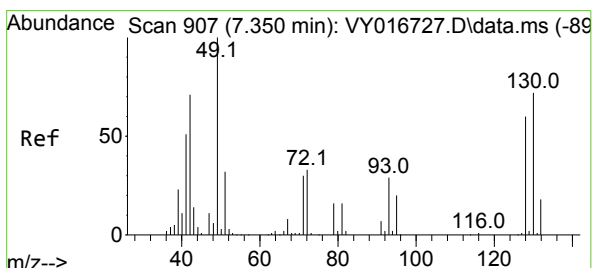
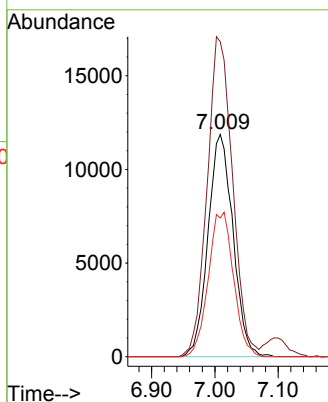
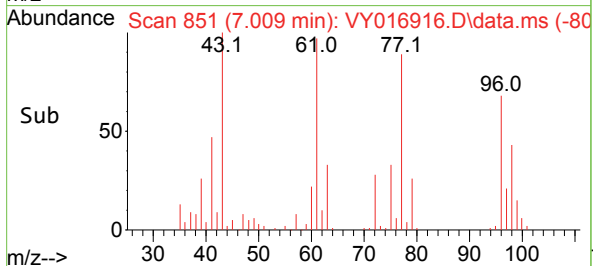


#27
cis-1,2-Dichloroethene
Concen: 21.369 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.007 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Instrument :
MSVOA_Y
ClientSampleId :

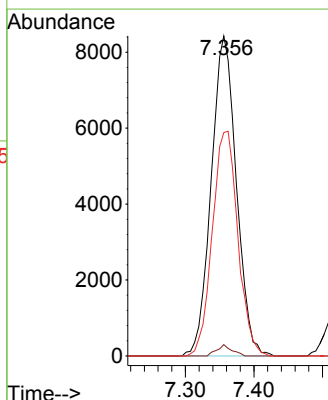
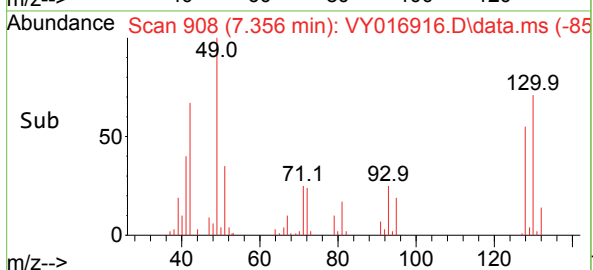
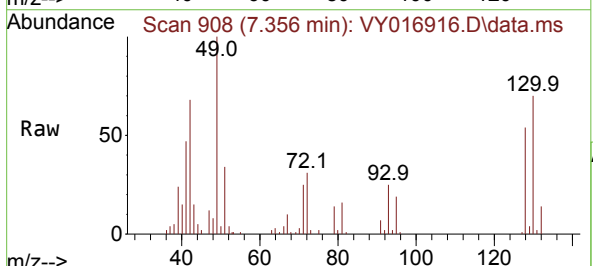


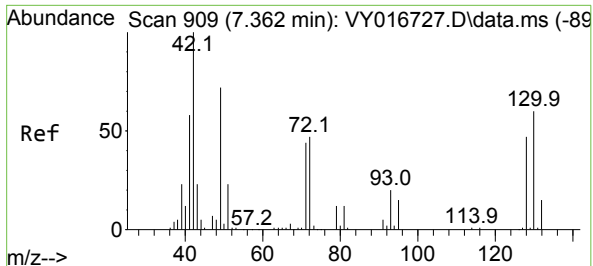
Tgt Ion: 96 Resp: 32563
Ion Ratio Lower Upper
96 100
61 146.4 0.0 278.8
98 65.7 0.0 127.0



#28
Bromochloromethane
Concen: 22.919 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion: 49 Resp: 21449
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 71.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 98.872 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

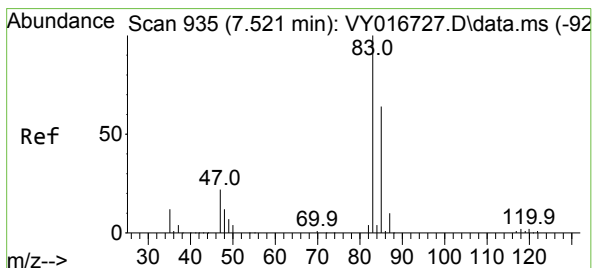
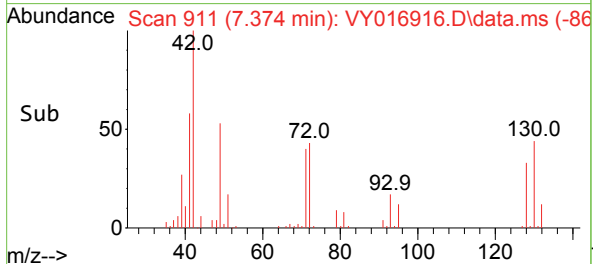
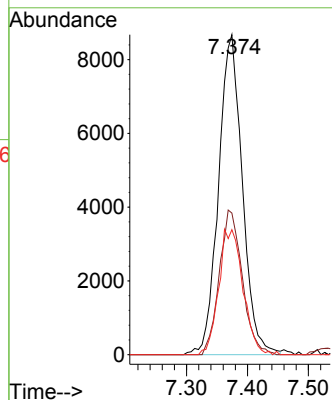
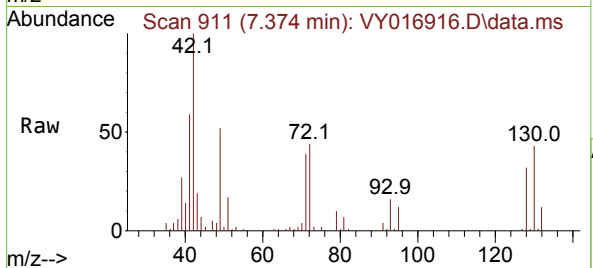
Tgt Ion: 42 Resp: 23569

Ion Ratio Lower Upper

42 100

72 43.5 36.6 54.8

71 39.9 33.8 50.6



#30

Chloroform

Concen: 21.969 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016916.D

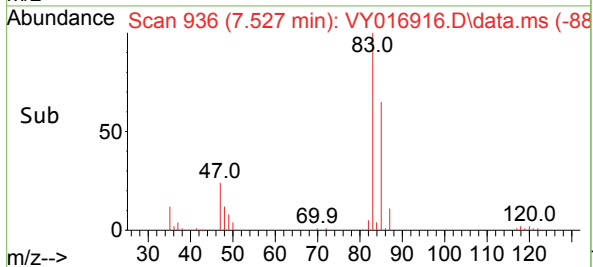
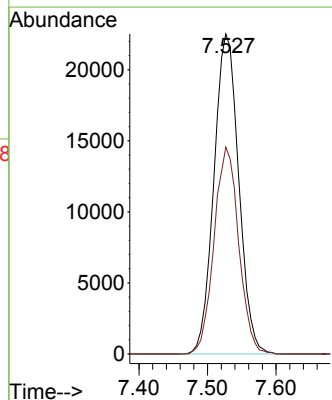
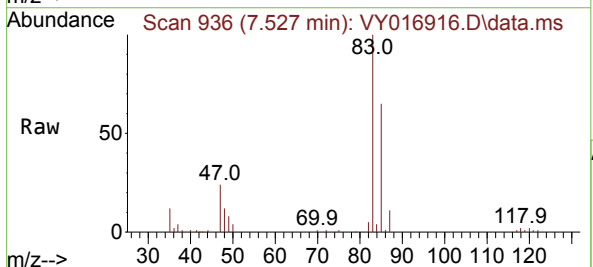
Acq: 05 Jan 2024 12:04

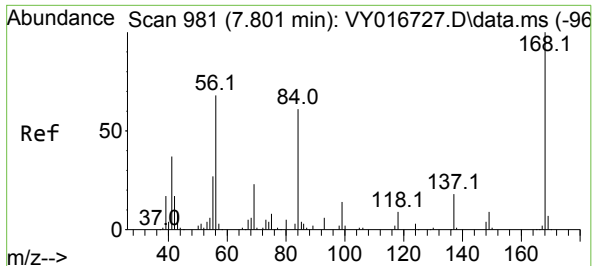
Tgt Ion: 83 Resp: 56437

Ion Ratio Lower Upper

83 100

85 64.6 51.2 76.8

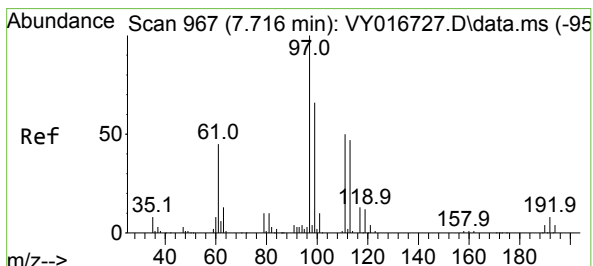
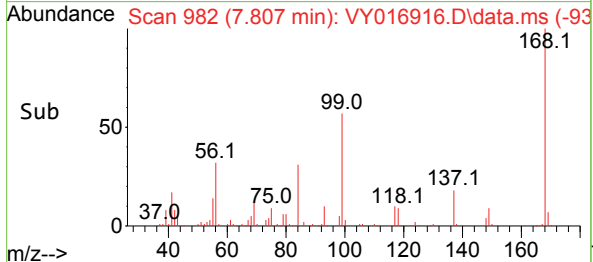
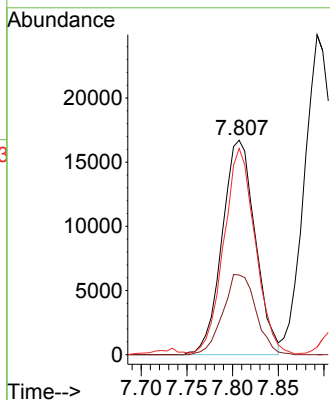
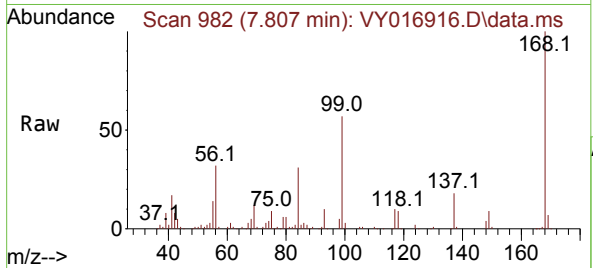




#31
Cyclohexane
Concen: 20.838 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

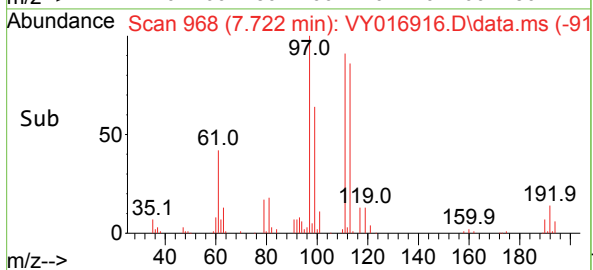
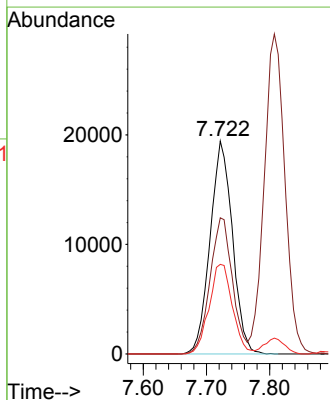
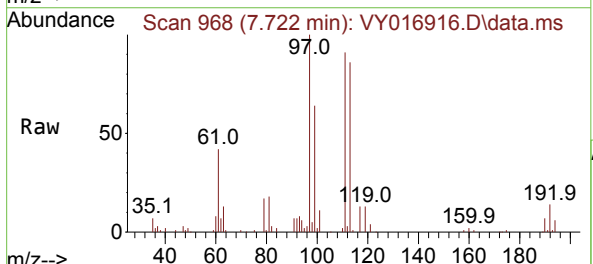
Instrument :
MSVOA_Y
ClientSampleId :

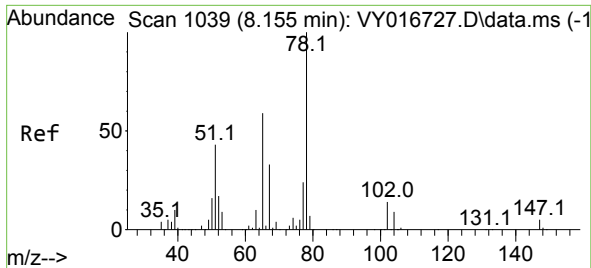
Tgt Ion: 56 Resp: 42122
Ion Ratio Lower Upper
56 100
69 37.1 27.0 40.6
84 95.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.901 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion: 97 Resp: 47705
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 43.9 35.0 52.6

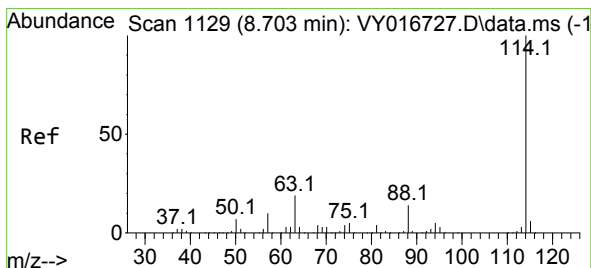
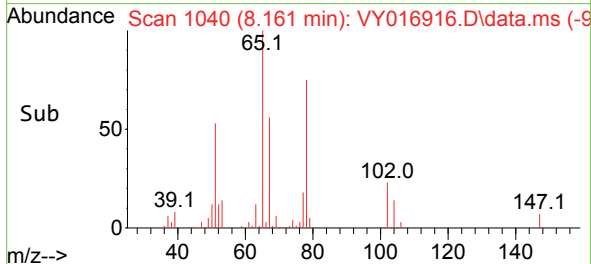
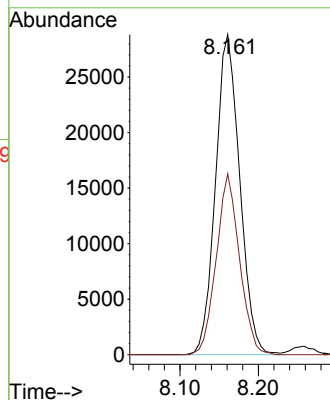
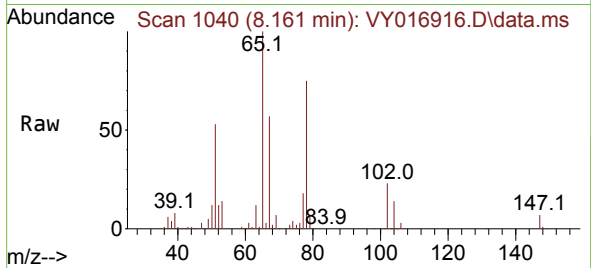




#33
 1,2-Dichloroethane-d4
 Concen: 52.683 ug/l
 RT: 8.161 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VY016916.D
 Acq: 05 Jan 2024 12:04

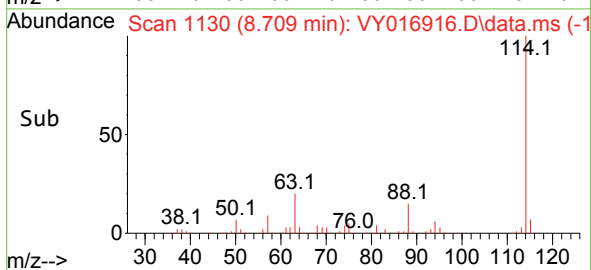
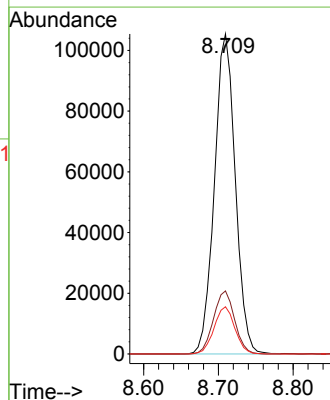
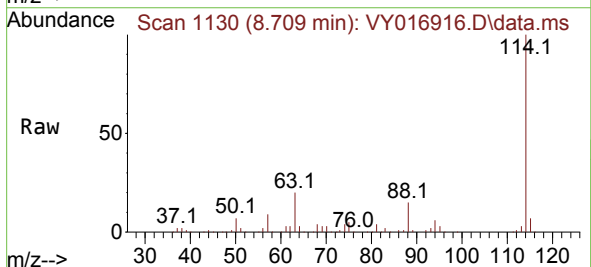
Instrument :
 MSVOA_Y
 ClientSampleId :

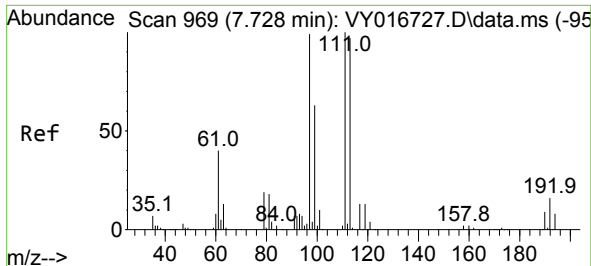
Tgt Ion: 65 Resp: 62049
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.709 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY016916.D
 Acq: 05 Jan 2024 12:04

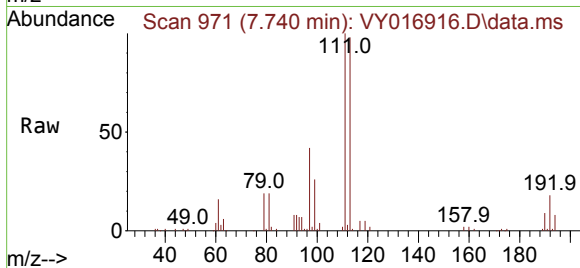
Tgt Ion: 114 Resp: 204634
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.4
 88 14.8 0.0 29.0



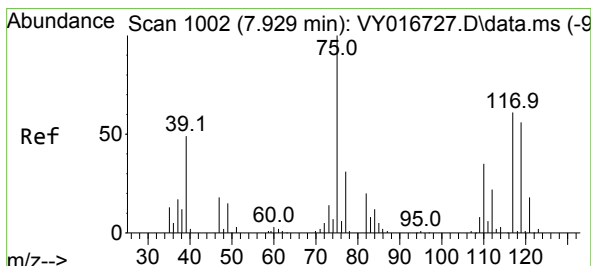
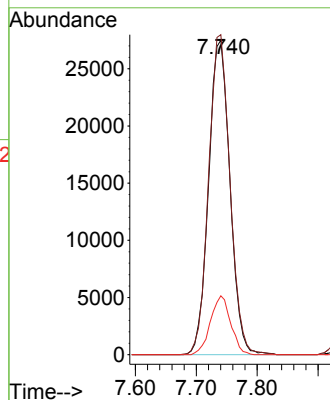
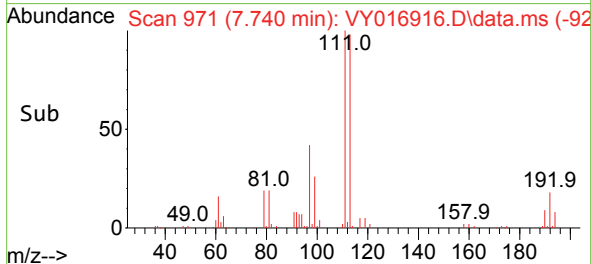


#35
Dibromofluoromethane
Concen: 51.295 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Instrument :
MSVOA_Y
ClientSampleId :

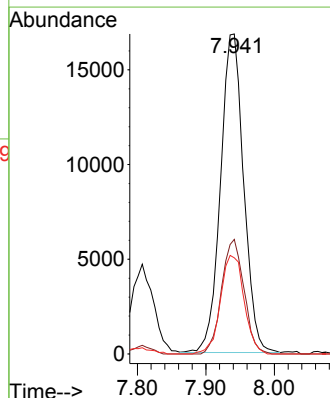
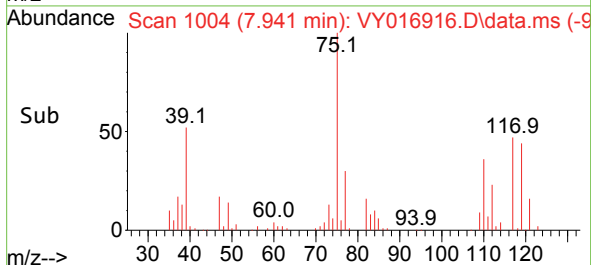
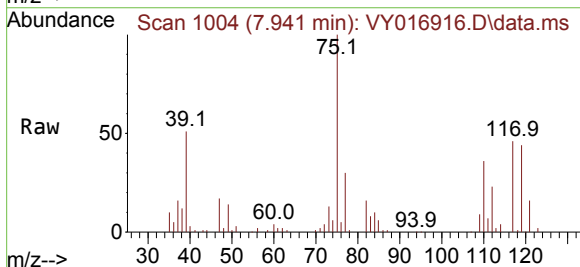


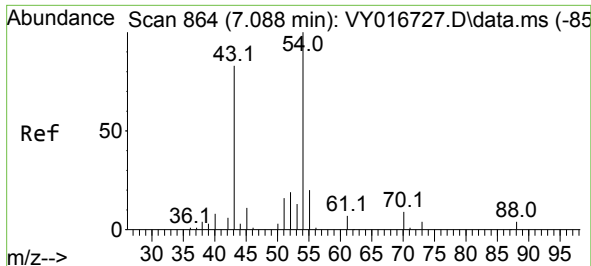
Tgt Ion:113 Resp: 66889
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 17.8 14.5 21.7



#36
1,1-Dichloropropene
Concen: 20.745 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

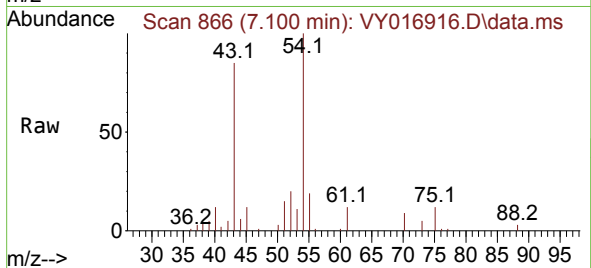
Tgt Ion: 75 Resp: 39423
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.3
77 31.6 24.7 37.1



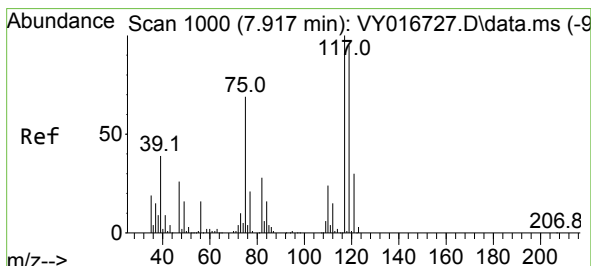
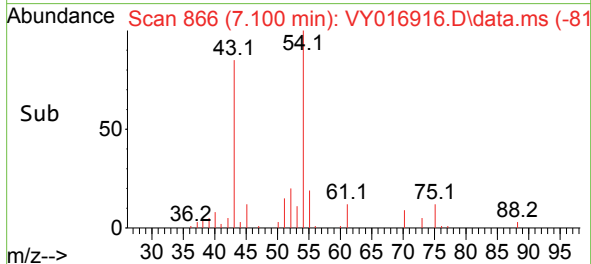
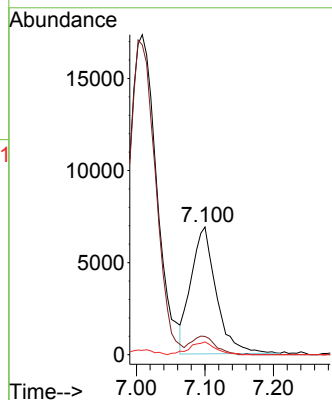


#37
Ethyl Acetate
Concen: 20.437 ug/l
RT: 7.100 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Instrument :
MSVOA_Y
ClientSampleId :

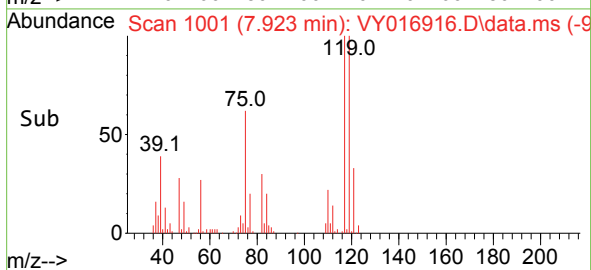
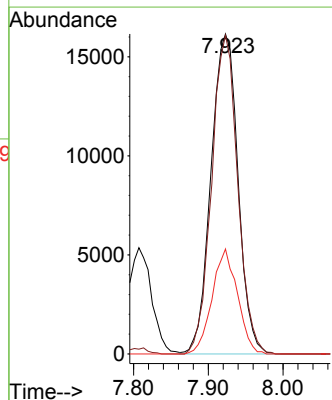
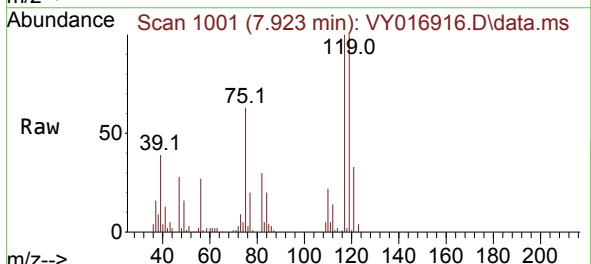


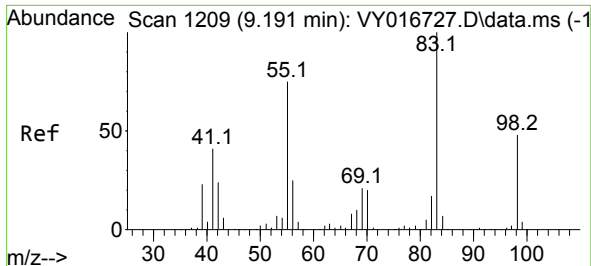
Tgt Ion: 43 Resp: 17650
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.6
70 10.3 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.991 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion: 117 Resp: 40530
Ion Ratio Lower Upper
117 100
119 99.5 76.0 114.0
121 32.8 24.2 36.2





#39

Methylcyclohexane

Concen: 20.206 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

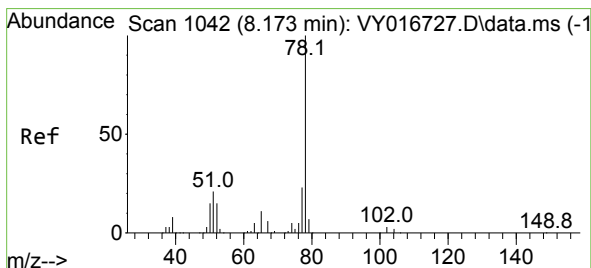
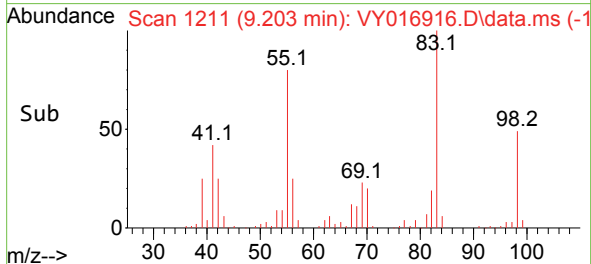
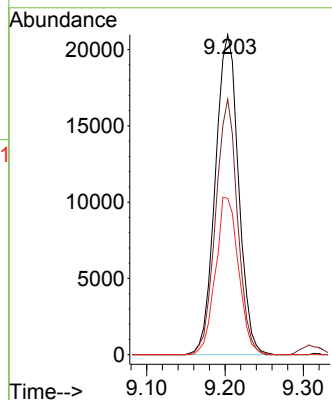
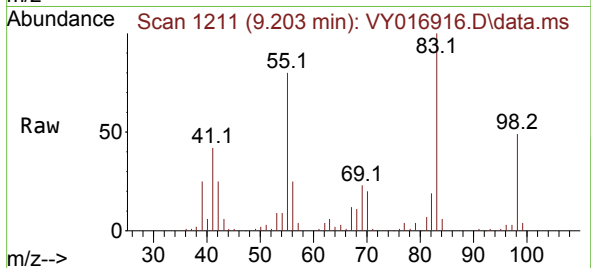
Tgt Ion: 83 Resp: 43168

Ion Ratio Lower Upper

83 100

55 79.9 59.7 89.5

98 48.9 38.0 57.0



#40

Benzene

Concen: 21.179 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016916.D

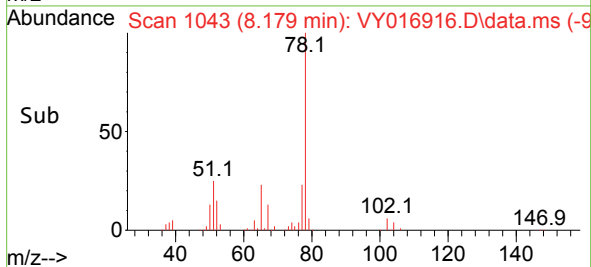
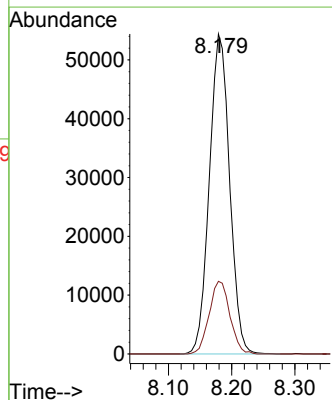
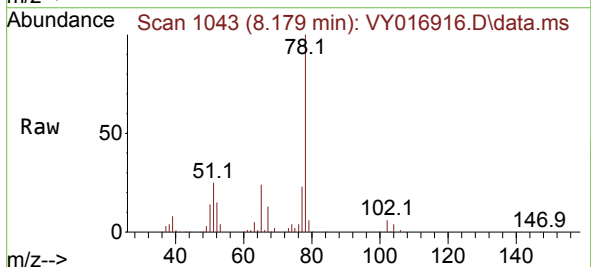
Acq: 05 Jan 2024 12:04

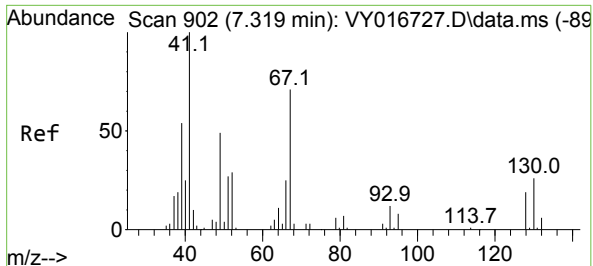
Tgt Ion: 78 Resp: 120735

Ion Ratio Lower Upper

78 100

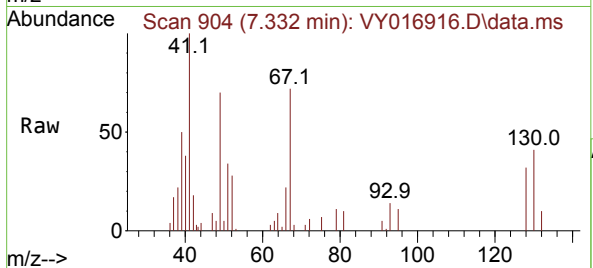
77 22.7 18.8 28.2



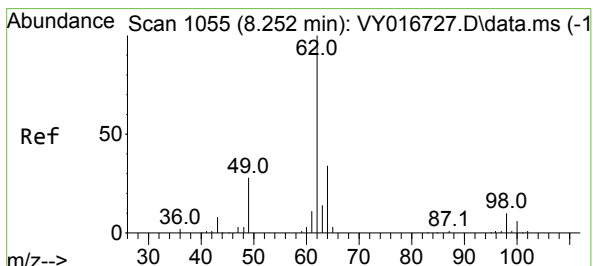
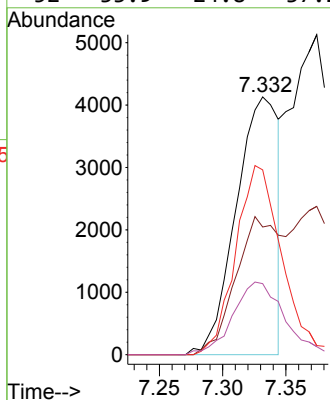
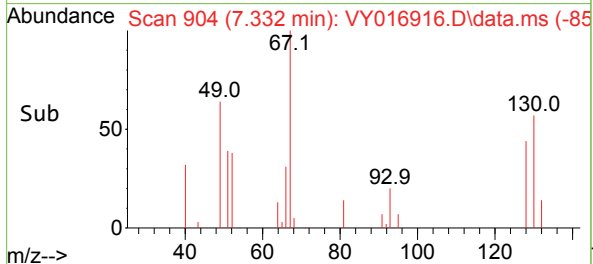


#41
Methacrylonitrile
Concen: 21.080 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.013 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Instrument :
MSVOA_Y
ClientSampleId :

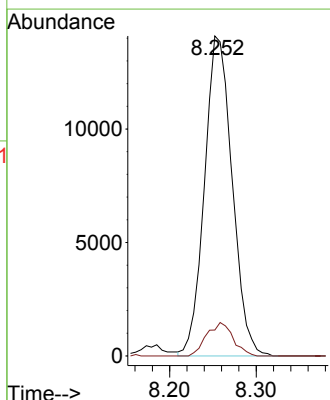
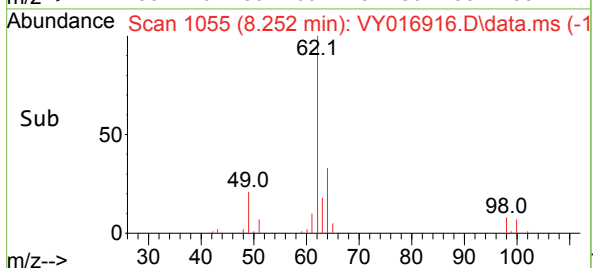
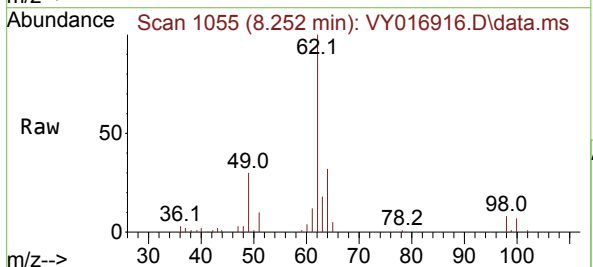


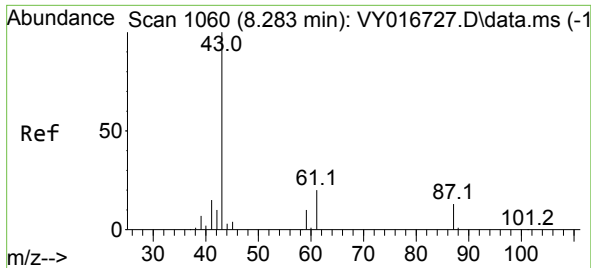
Tgt Ion:	41	Resp:	9588
Ion	Ratio	Lower	Upper
41	100		
39	59.6	41.9	62.9
67	80.4	59.8	89.6
52	33.9	24.8	37.2



#42
1,2-Dichloroethane
Concen: 20.686 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion:	62	Resp:	31306
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2

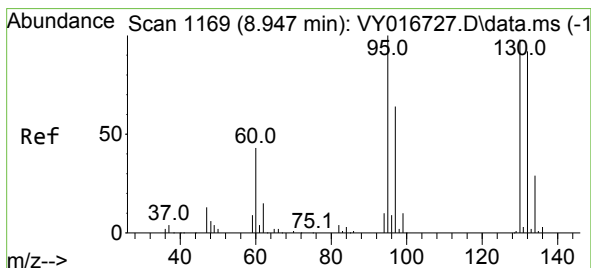
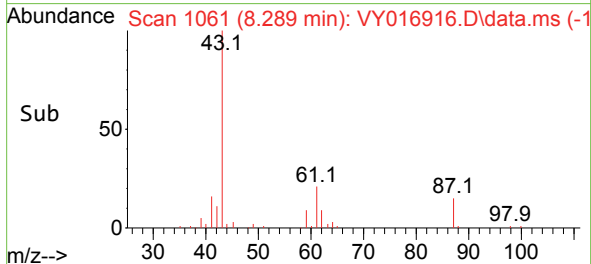
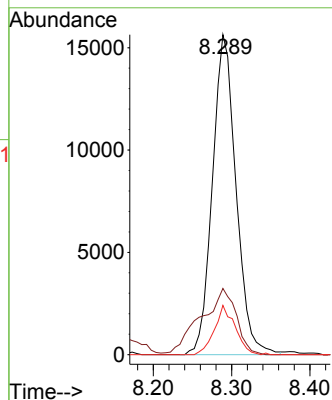
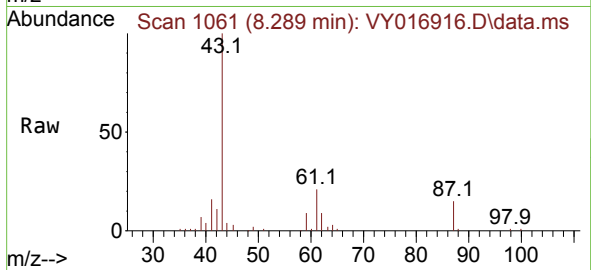




#43
Isopropyl Acetate
Concen: 19.828 ug/l
RT: 8.289 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

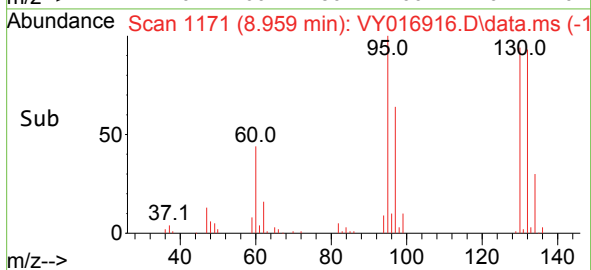
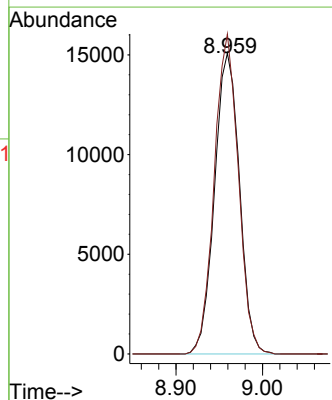
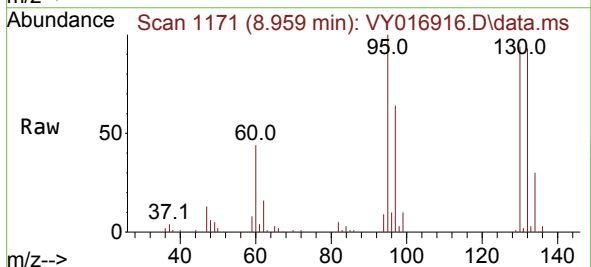
Instrument :
MSVOA_Y
ClientSampleId :

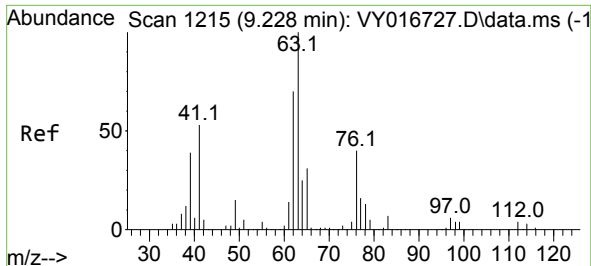
Tgt Ion: 43 Resp: 32792
Ion Ratio Lower Upper
43 100
61 31.1 24.8 37.2
87 13.5 10.7 16.1



#44
Trichloroethene
Concen: 20.742 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.012 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion:130 Resp: 30088
Ion Ratio Lower Upper
130 100
95 106.4 0.0 203.8

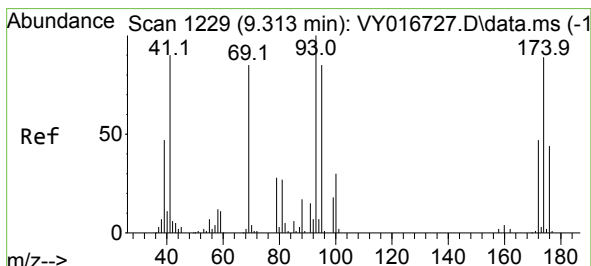
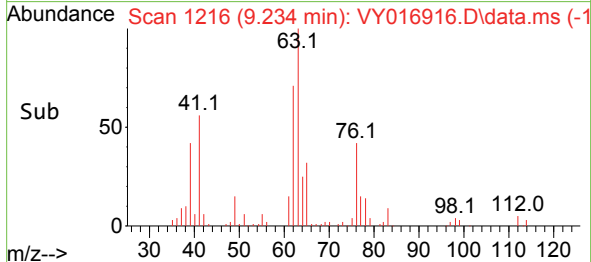
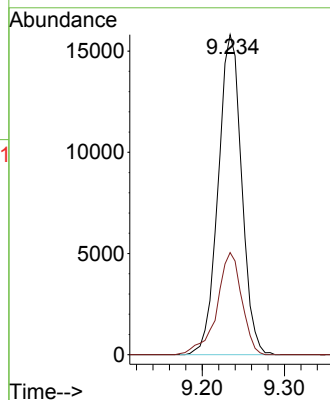
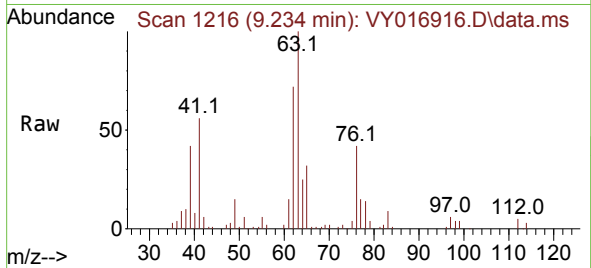




#45
1,2-Dichloropropane
Concen: 21.331 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

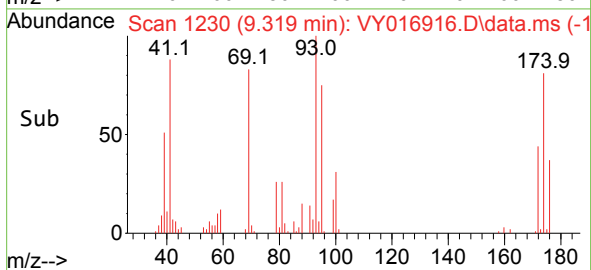
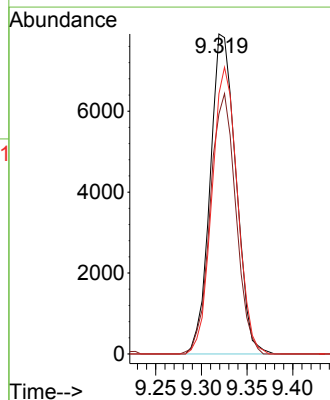
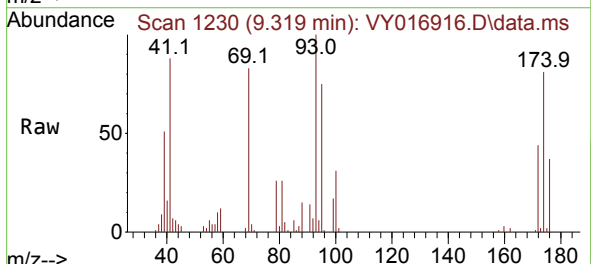
Instrument :
MSVOA_Y
ClientSampleId :

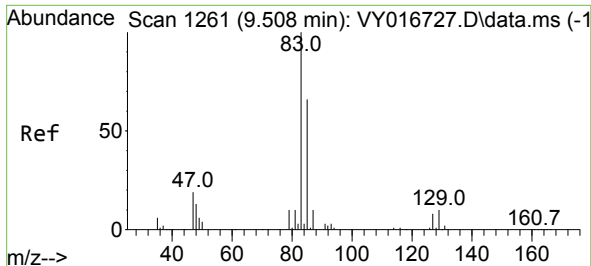
Tgt Ion: 63 Resp: 31328
Ion Ratio Lower Upper
63 100
65 31.9 24.6 36.8



#46
Dibromomethane
Concen: 20.698 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion: 93 Resp: 15503
Ion Ratio Lower Upper
93 100
95 80.9 66.6 99.8
174 88.4 73.8 110.6

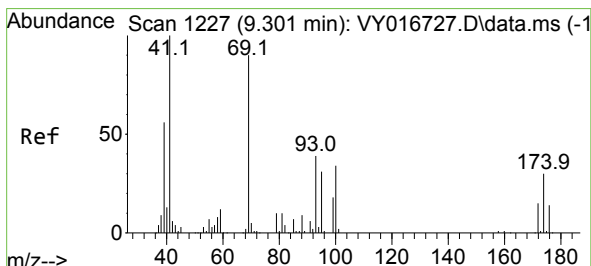
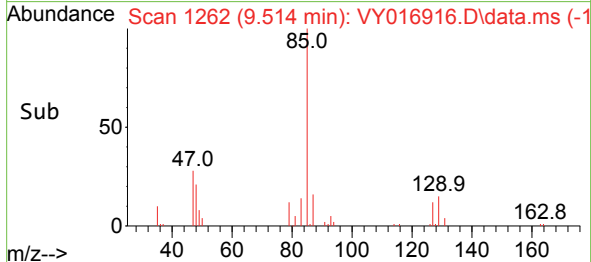
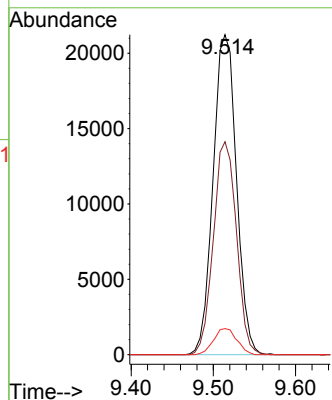
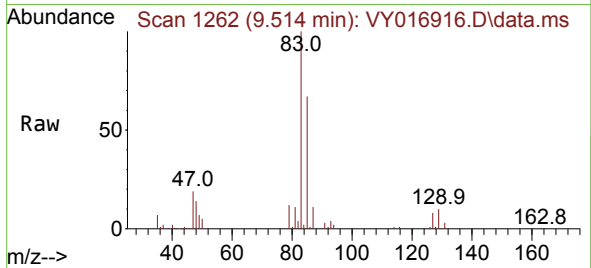




#47
Bromodichloromethane
Concen: 20.822 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

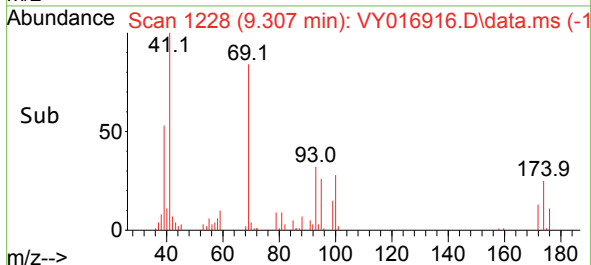
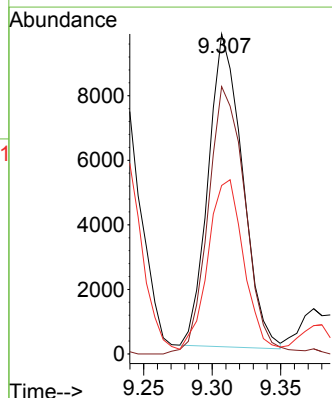
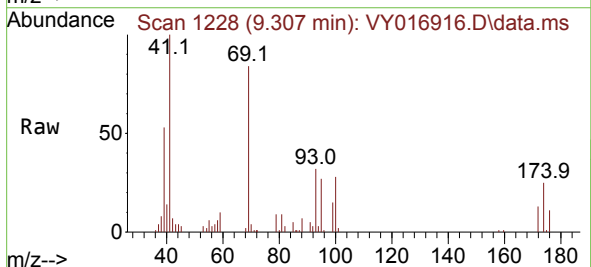
Instrument :
MSVOA_Y
ClientSampleId :

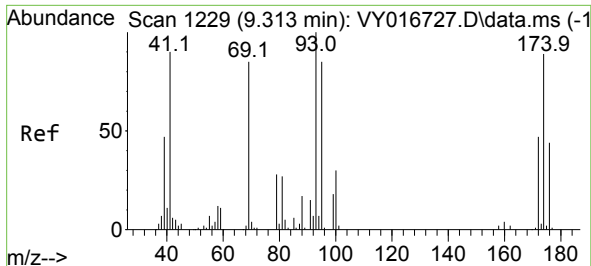
Tgt Ion: 83 Resp: 41881
Ion Ratio Lower Upper
83 100
85 66.6 53.2 79.8
127 8.1 6.4 9.6



#48
Methyl methacrylate
Concen: 18.864 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion: 41 Resp: 16837
Ion Ratio Lower Upper
41 100
69 92.9 72.1 108.1
39 59.6 42.8 64.2





#49

1,4-Dioxane

Concen: 359.356 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

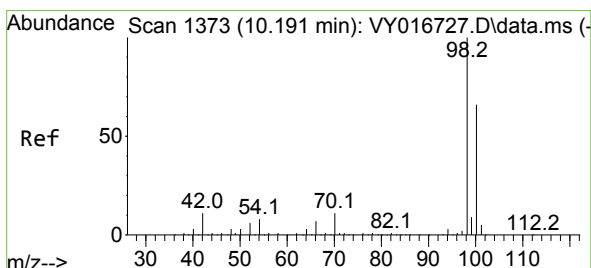
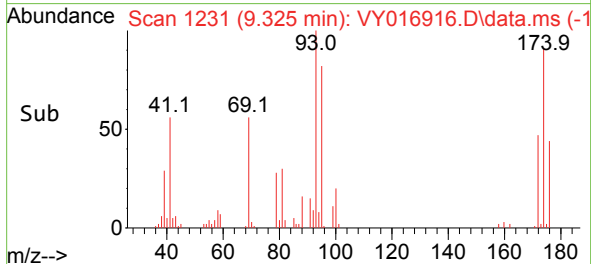
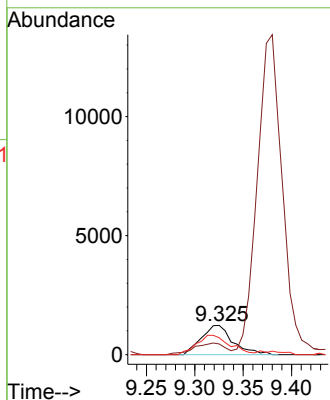
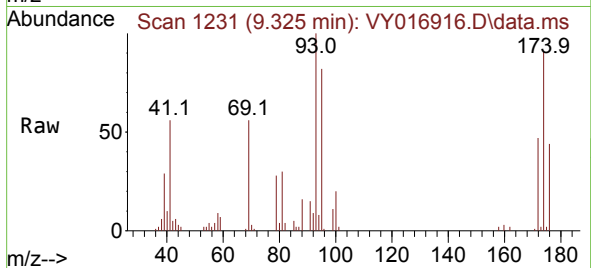
Tgt Ion: 88 Resp: 2787

Ion Ratio Lower Upper

88 100

43 39.3 28.2 42.4

58 69.9 52.2 78.2



#50

Toluene-d8

Concen: 52.847 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016916.D

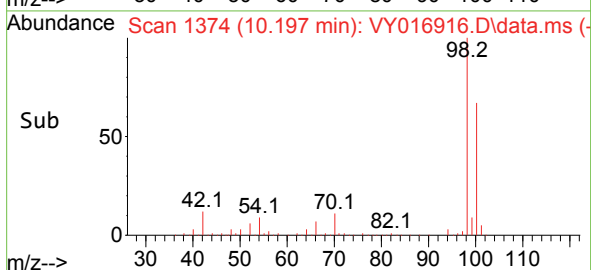
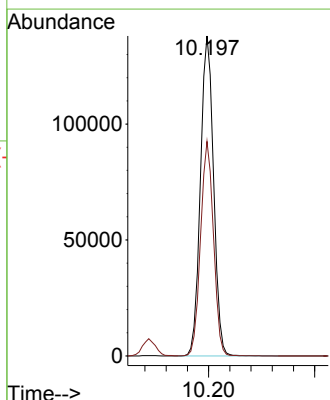
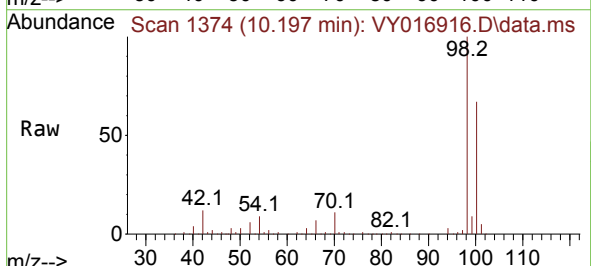
Acq: 05 Jan 2024 12:04

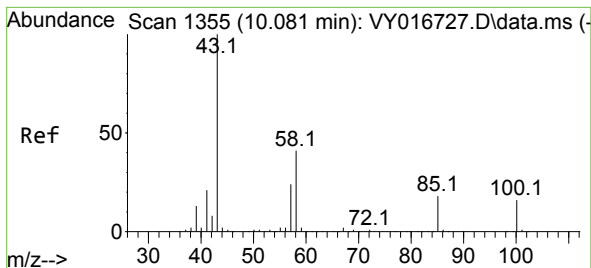
Tgt Ion: 98 Resp: 237300

Ion Ratio Lower Upper

98 100

100 66.0 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 98.903 ug/l

RT: 10.087 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

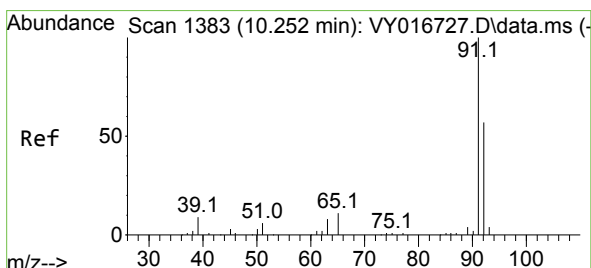
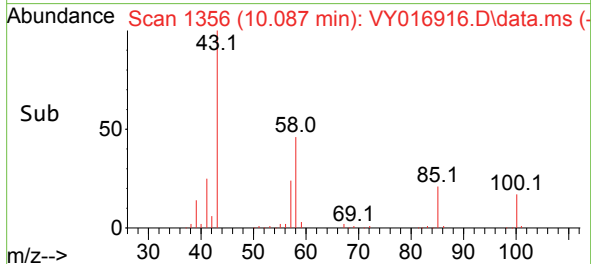
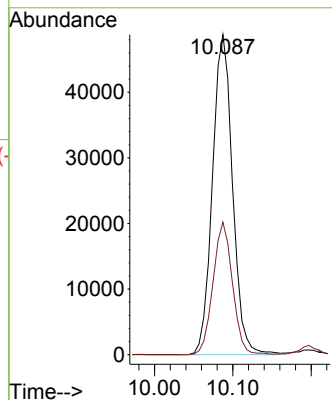
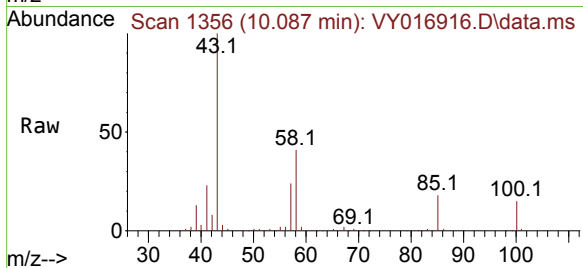
ClientSampleId :

Tgt Ion: 43 Resp: 86988

Ion Ratio Lower Upper

43 100

58 40.1 32.2 48.2



#52

Toluene

Concen: 21.338 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016916.D

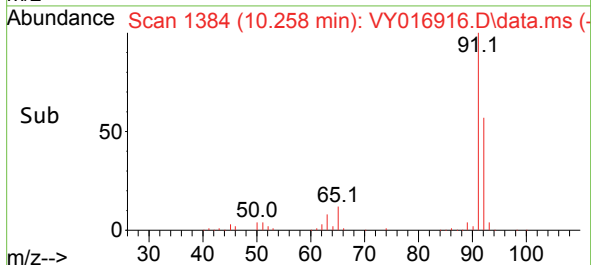
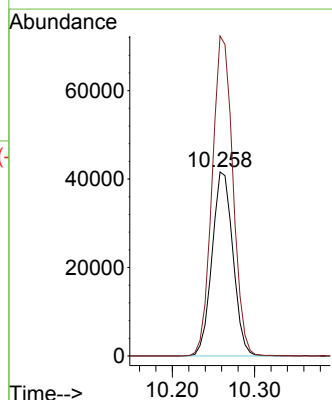
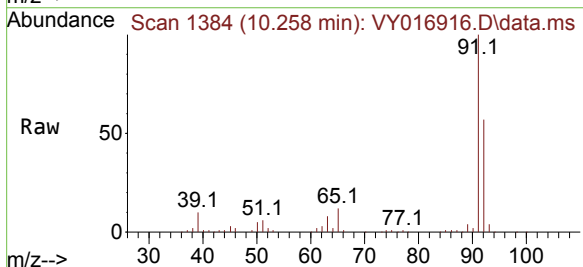
Acq: 05 Jan 2024 12:04

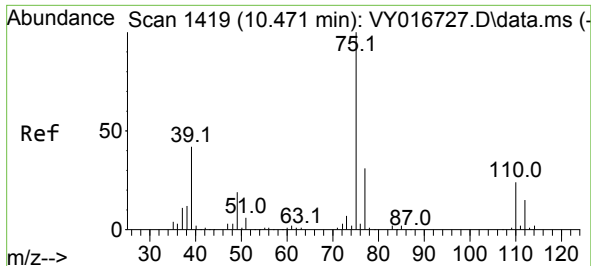
Tgt Ion: 92 Resp: 73411

Ion Ratio Lower Upper

92 100

91 173.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 20.489 ug/l

RT: 10.484 min Scan# 1419

Delta R.T. 0.013 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

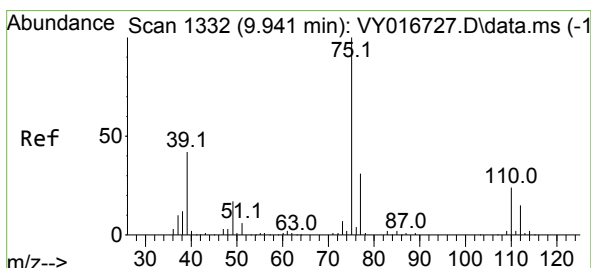
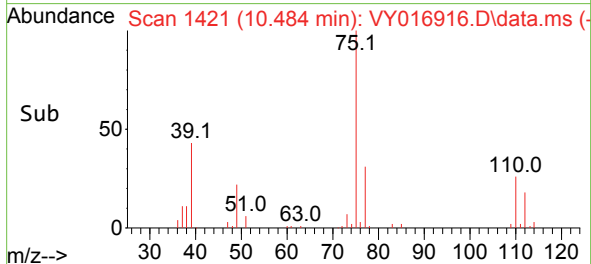
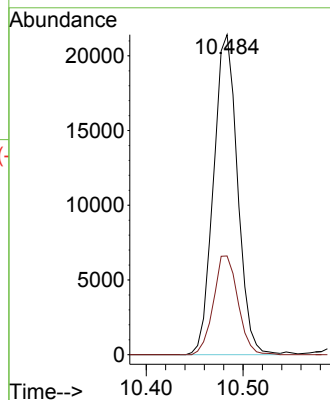
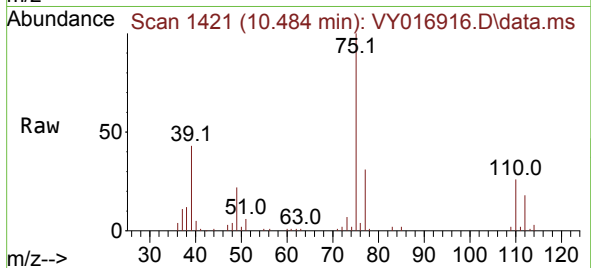
ClientSampleId :

Tgt Ion: 75 Resp: 36913

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 21.033 ug/l

RT: 9.947 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

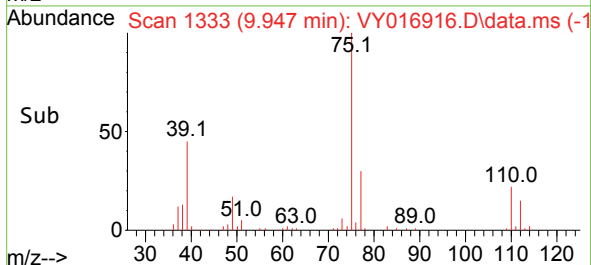
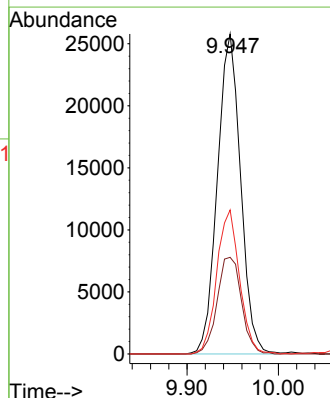
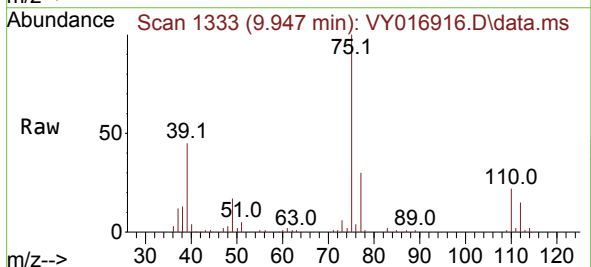
Tgt Ion: 75 Resp: 45507

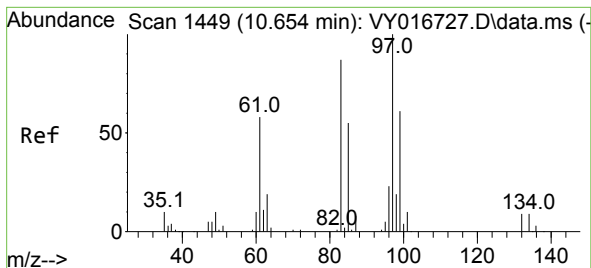
Ion Ratio Lower Upper

75 100

77 30.2 24.6 36.8

39 45.0 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 20.446 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 22373

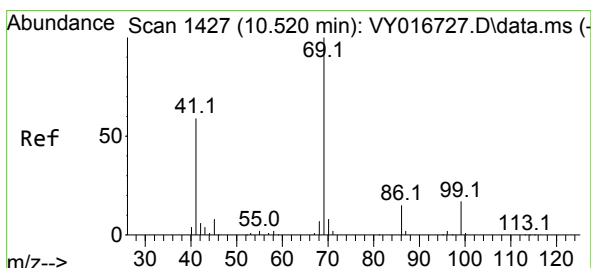
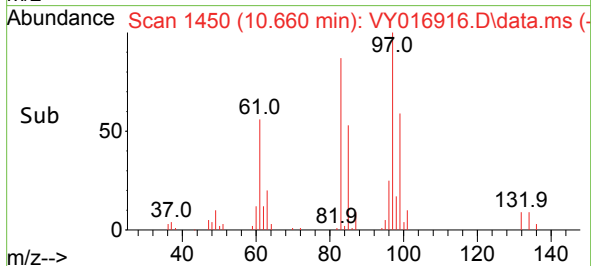
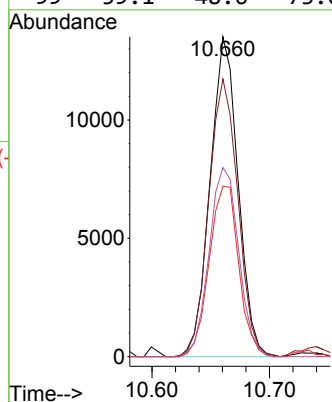
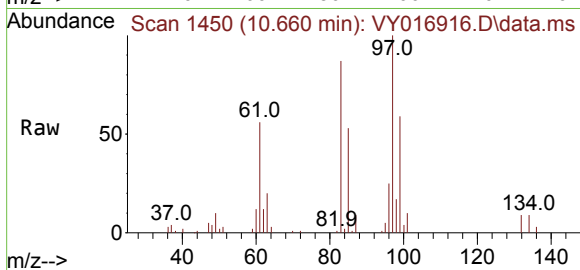
Ion Ratio Lower Upper

97 100

83 86.8 69.4 104.2

85 53.2 43.9 65.9

99 59.1 48.6 73.0



#56

Ethyl methacrylate

Concen: 19.082 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

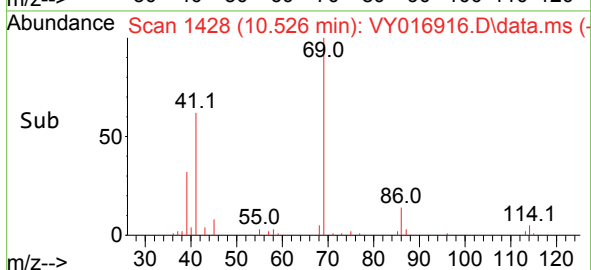
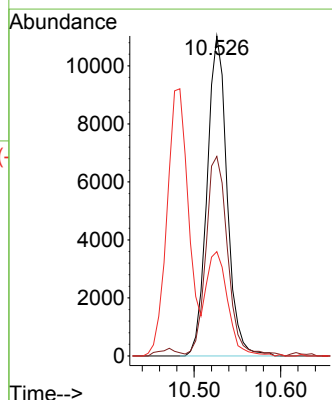
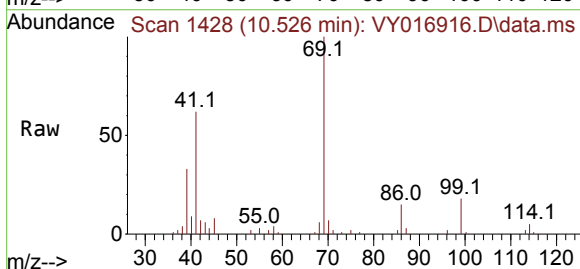
Tgt Ion: 69 Resp: 17686

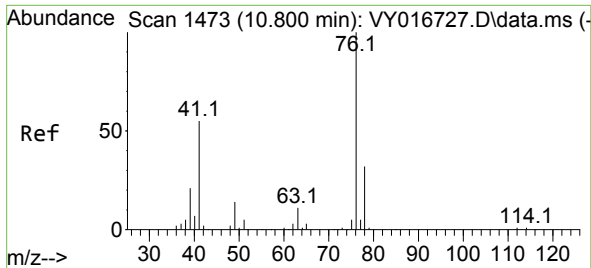
Ion Ratio Lower Upper

69 100

41 68.1 49.2 73.8

39 34.4 26.8 40.2

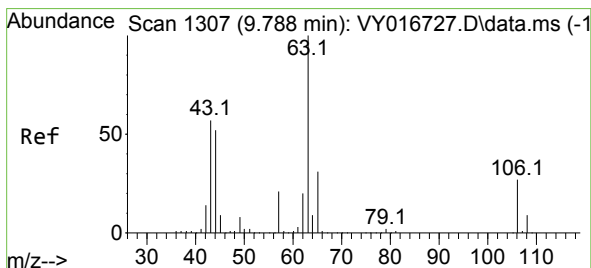
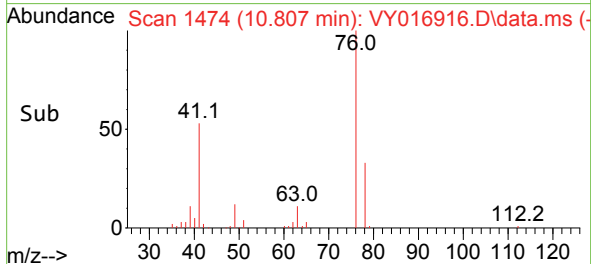
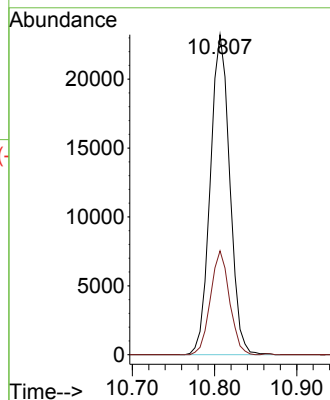
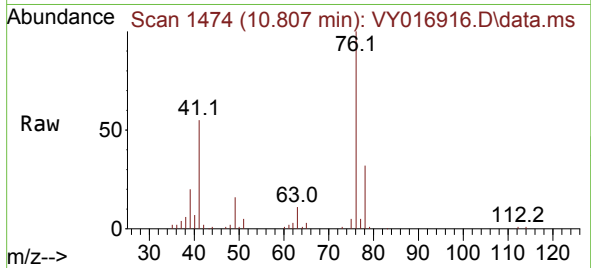




#57
1,3-Dichloropropane
Concen: 20.902 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.007 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

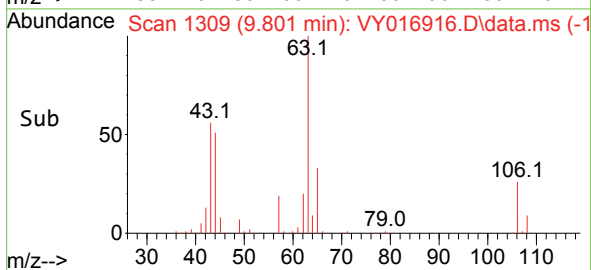
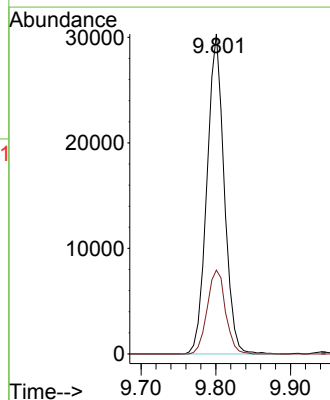
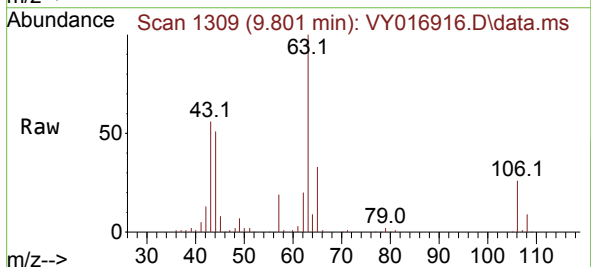
Instrument :
MSVOA_Y
ClientSampleId :

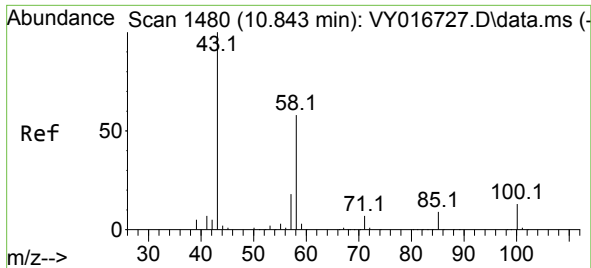
Tgt Ion: 76 Resp: 38188
Ion Ratio Lower Upper
76 100
78 31.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 94.801 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.013 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion: 63 Resp: 48504
Ion Ratio Lower Upper
63 100
106 27.7 22.4 33.6

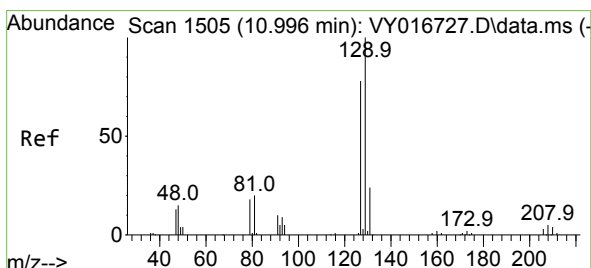
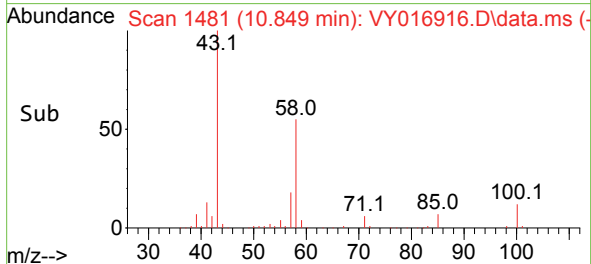
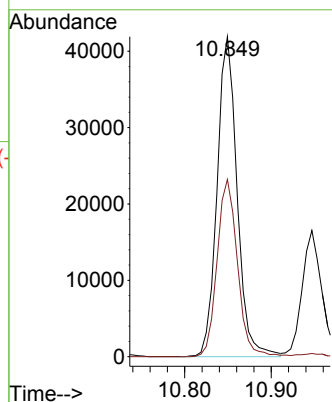
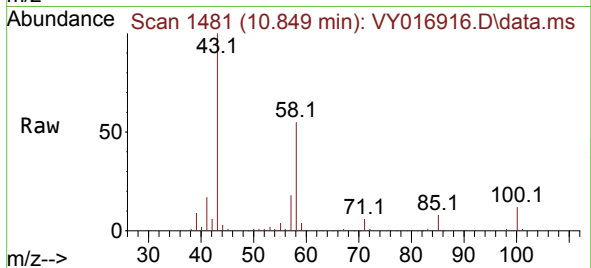




#59
2-Hexanone
Concen: 104.022 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

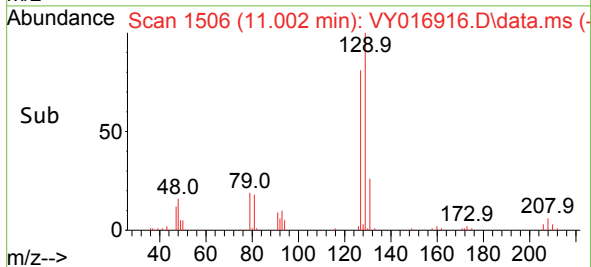
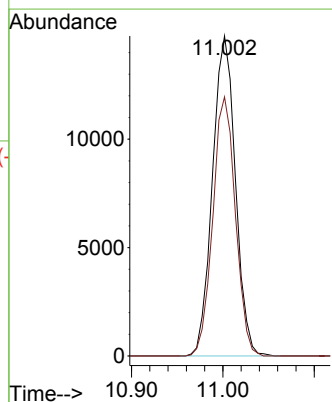
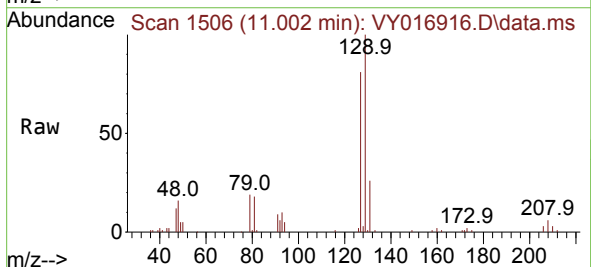
Instrument :
MSVOA_Y
ClientSampleId :

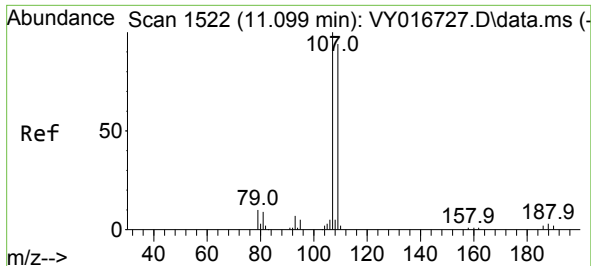
Tgt Ion: 43 Resp: 67367
Ion Ratio Lower Upper
43 100
58 56.4 28.1 84.3



#60
Dibromochloromethane
Concen: 20.378 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion:129 Resp: 25716
Ion Ratio Lower Upper
129 100
127 79.7 39.2 117.6

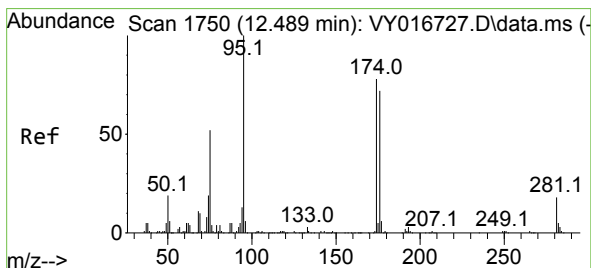
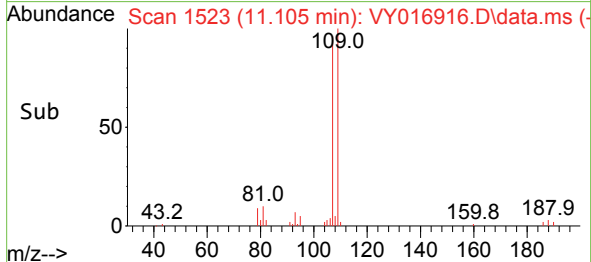
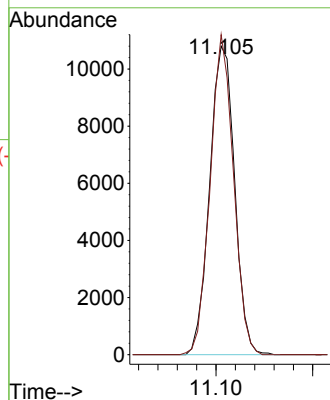
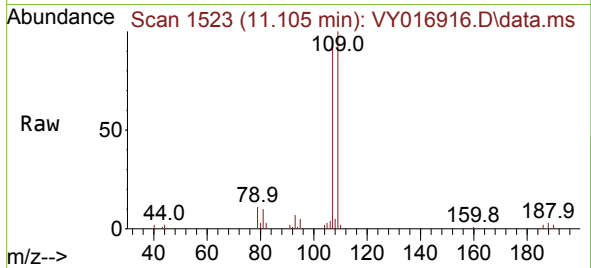




#61
1,2-Dibromoethane
Concen: 20.332 ug/l
RT: 11.105 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

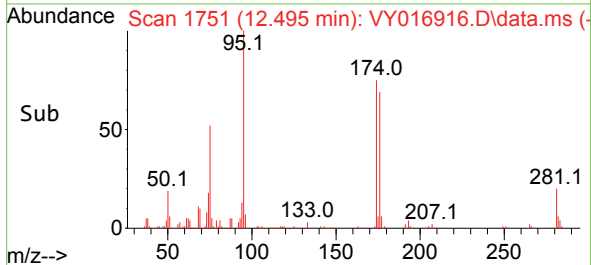
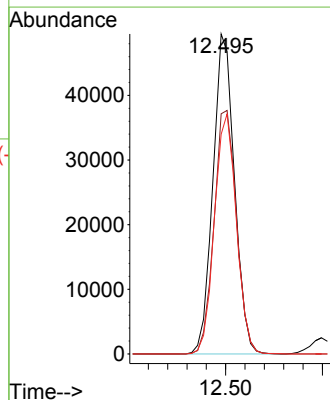
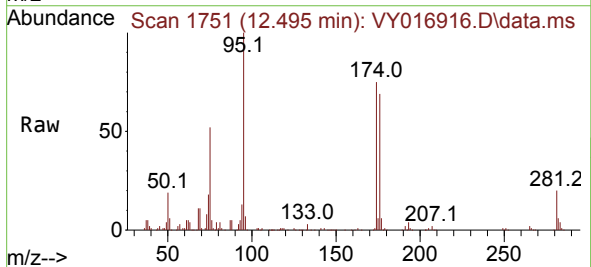
Instrument :
MSVOA_Y
ClientSampleId :

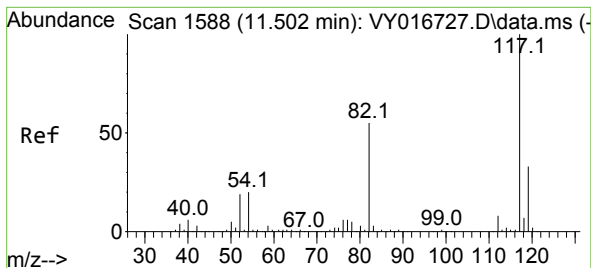
Tgt Ion:107 Resp: 19330
Ion Ratio Lower Upper
107 100
109 97.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 50.473 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion: 95 Resp: 76466
Ion Ratio Lower Upper
95 100
174 79.4 0.0 160.0
176 76.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

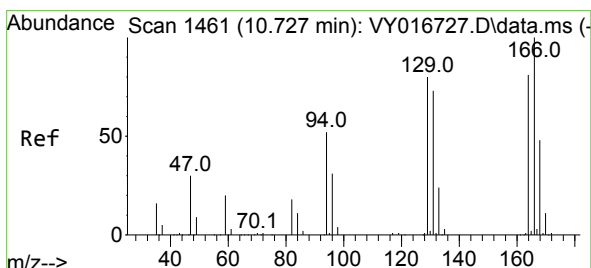
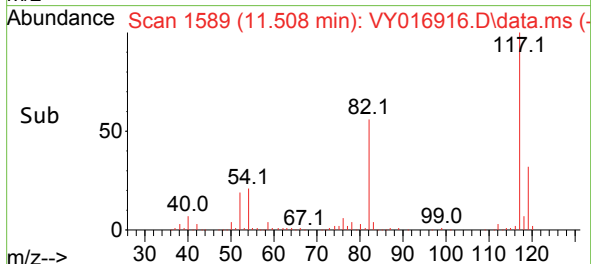
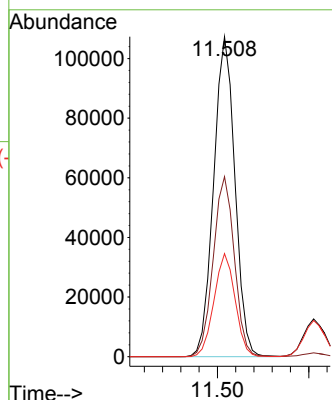
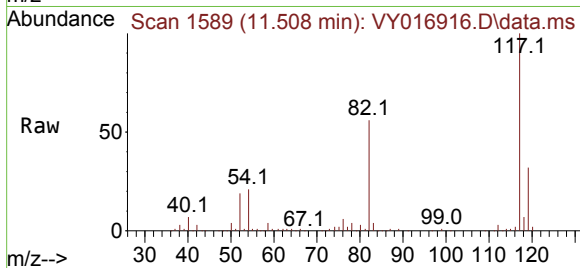
Tgt Ion:117 Resp: 173502

Ion Ratio Lower Upper

117 100

82 56.2 43.8 65.8

119 32.2 26.5 39.7



#64

Tetrachloroethene

Concen: 20.625 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.013 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Tgt Ion:164 Resp: 23200

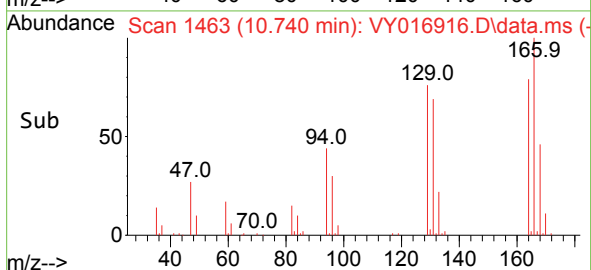
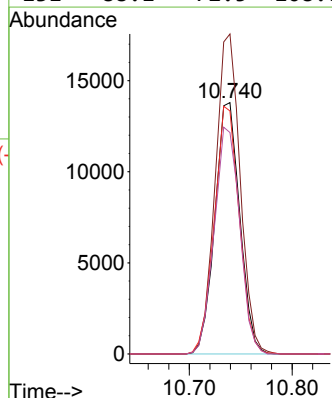
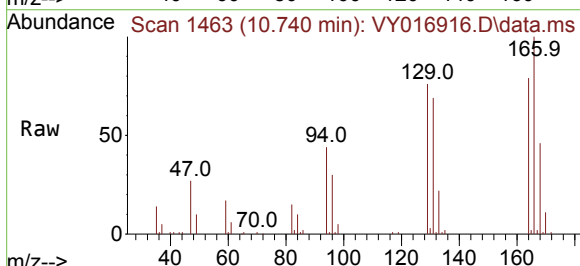
Ion Ratio Lower Upper

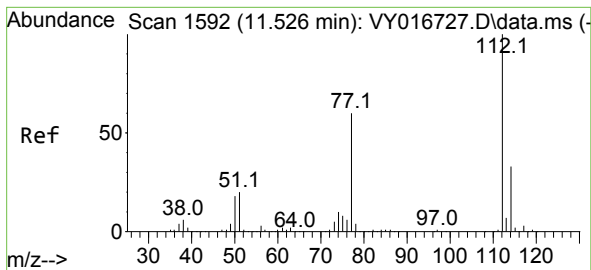
164 100

166 127.3 98.8 148.2

129 96.7 78.9 118.3

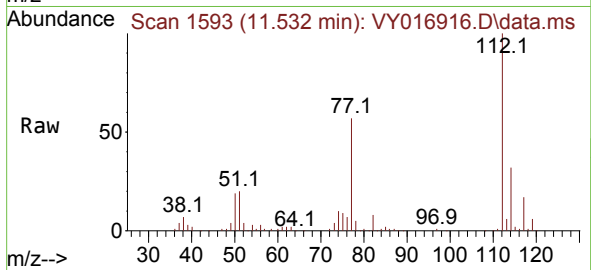
131 88.1 72.5 108.7



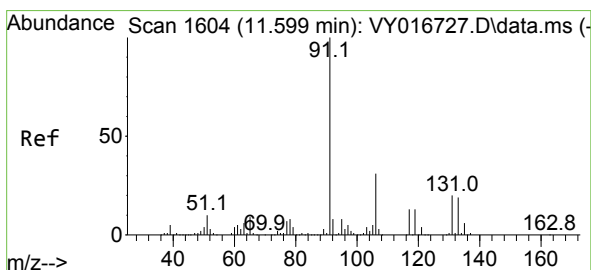
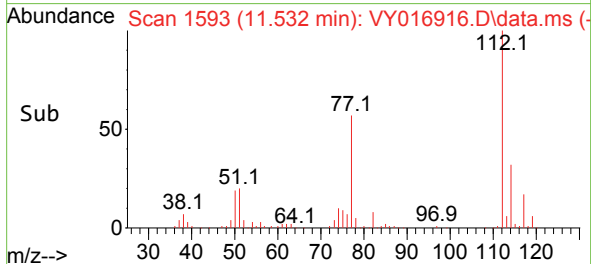
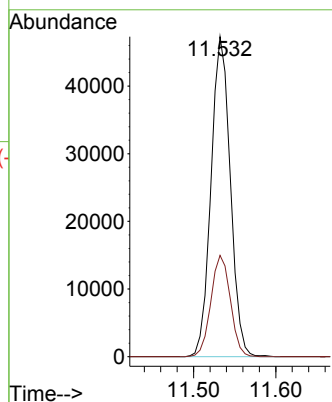


#65
Chlorobenzene
Concen: 21.319 ug/l
RT: 11.532 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Instrument :
MSVOA_Y
ClientSampleId :

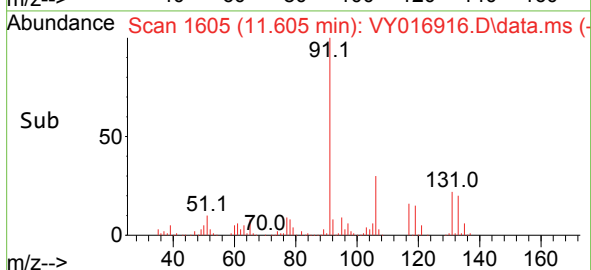
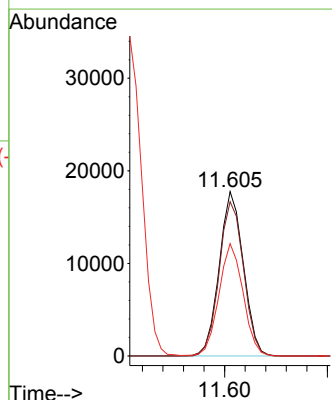
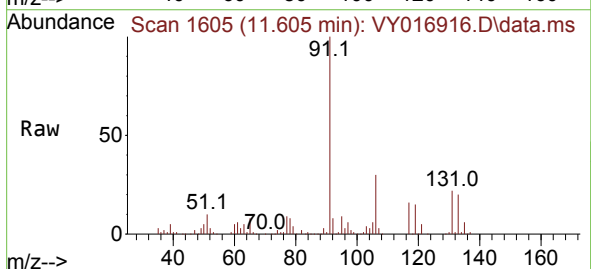


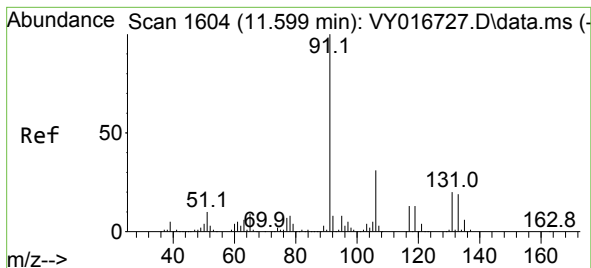
Tgt Ion:112 Resp: 77055
Ion Ratio Lower Upper
112 100
114 31.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.070 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion:131 Resp: 28949
Ion Ratio Lower Upper
131 100
133 94.9 47.0 141.0
119 68.4 33.3 99.9





#67

Ethyl Benzene

Concen: 21.028 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

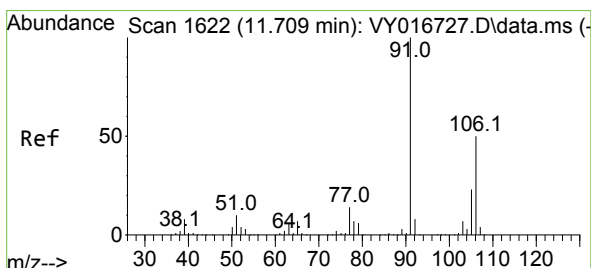
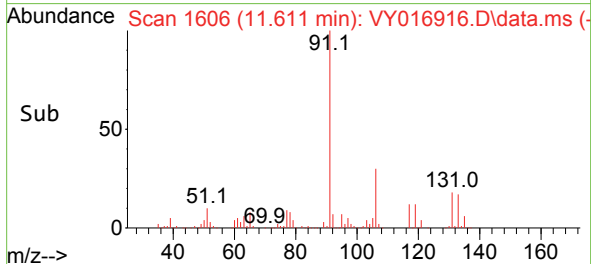
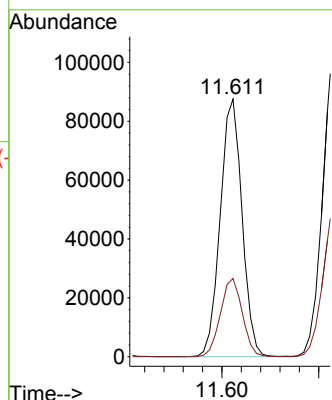
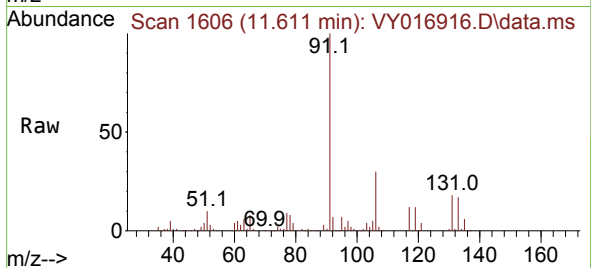
ClientSampleId :

Tgt Ion: 91 Resp: 136833

Ion Ratio Lower Upper

91 100

106 30.4 25.0 37.4



#68

m/p-Xylenes

Concen: 43.019 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016916.D

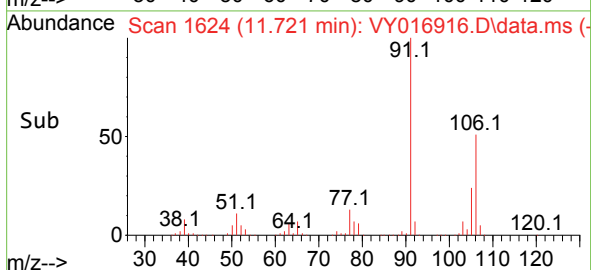
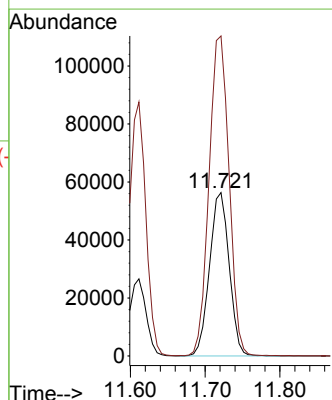
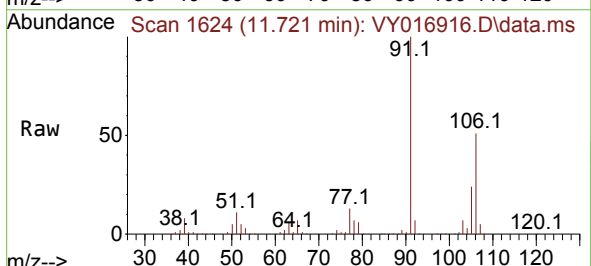
Acq: 05 Jan 2024 12:04

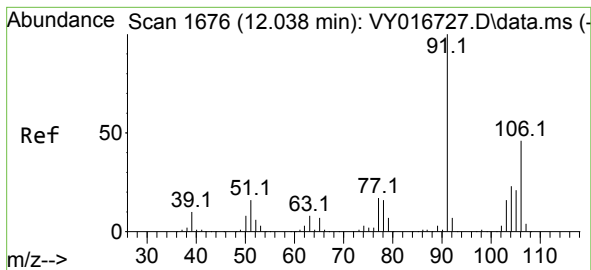
Tgt Ion:106 Resp: 102752

Ion Ratio Lower Upper

106 100

91 200.0 160.7 241.1





#69

o-Xylene

Concen: 21.070 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

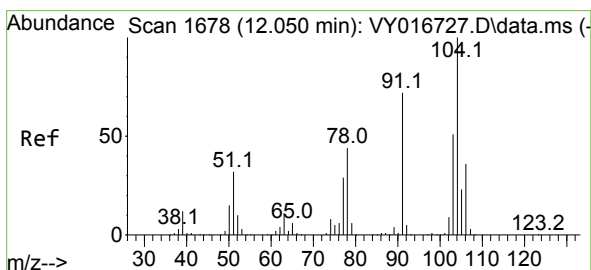
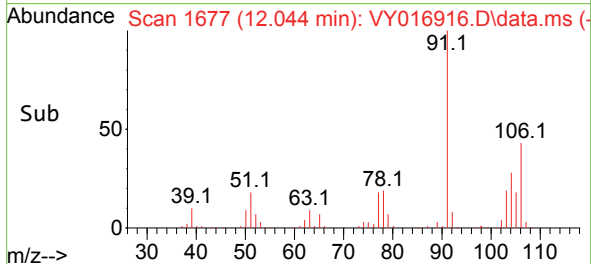
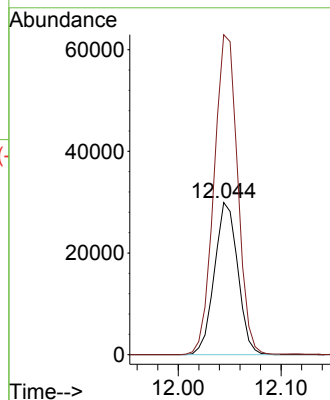
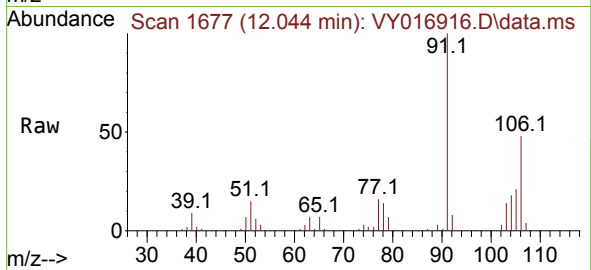
ClientSampleId :

Tgt Ion:106 Resp: 47180

Ion Ratio Lower Upper

106 100

91 213.1 106.5 319.5



#70

Styrene

Concen: 21.162 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.012 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

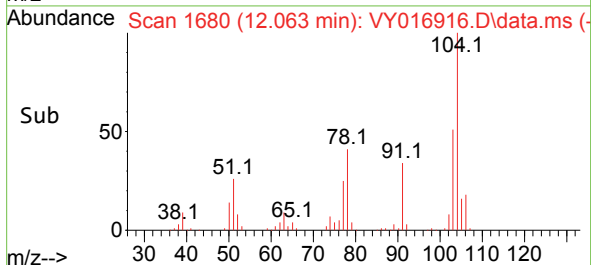
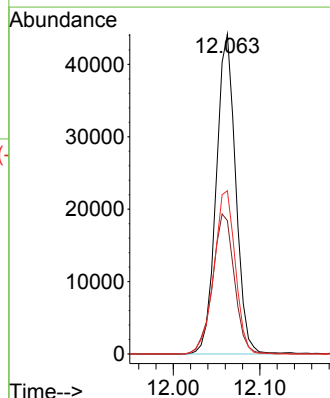
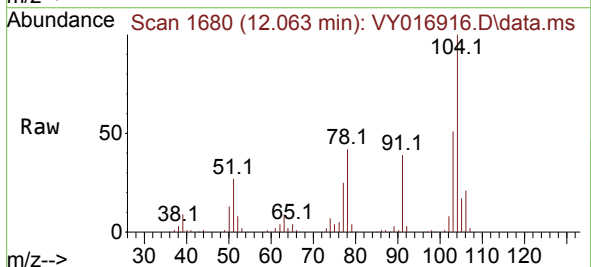
Tgt Ion:104 Resp: 68965

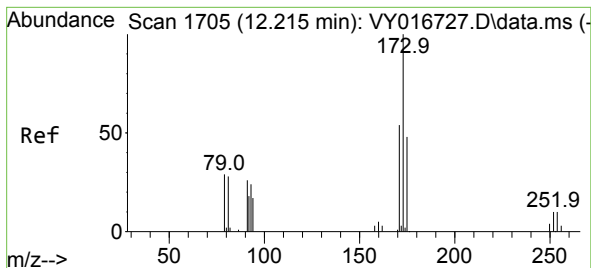
Ion Ratio Lower Upper

104 100

78 49.2 39.2 58.8

103 56.0 43.8 65.6





#71

Bromoform

Concen: 20.315 ug/l

RT: 12.227 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

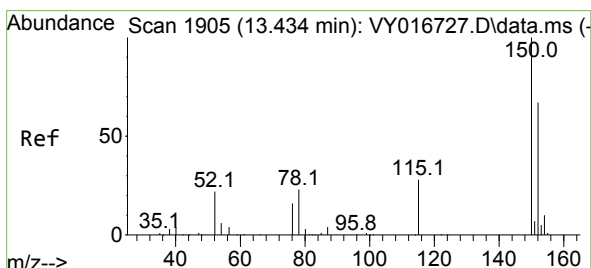
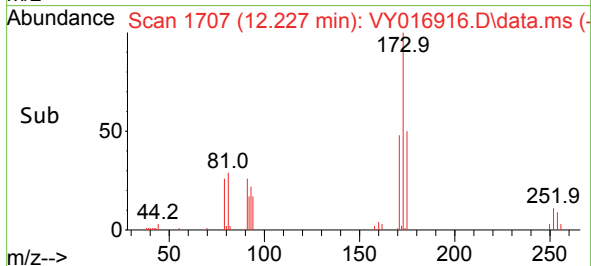
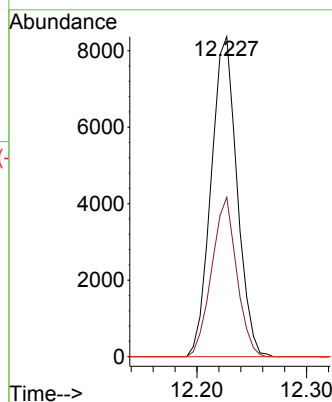
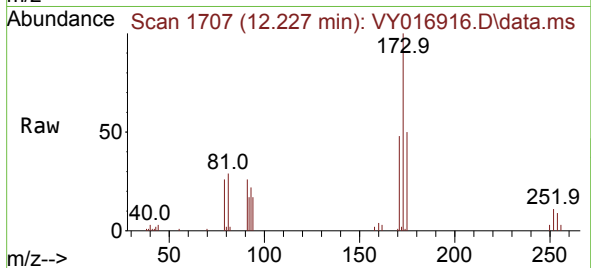
Tgt Ion:173 Resp: 13741

Ion Ratio Lower Upper

173 100

175 48.1 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

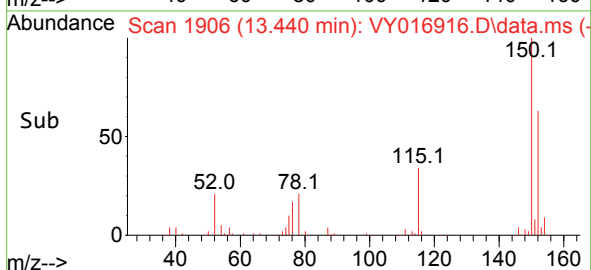
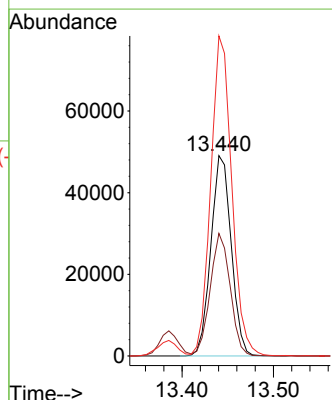
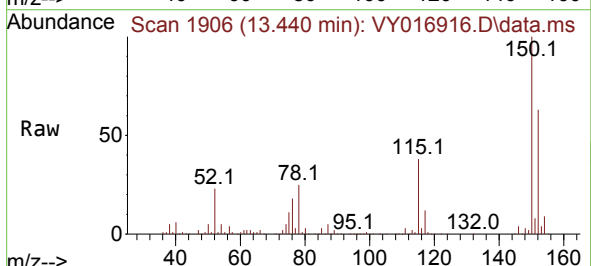
Tgt Ion:152 Resp: 75871

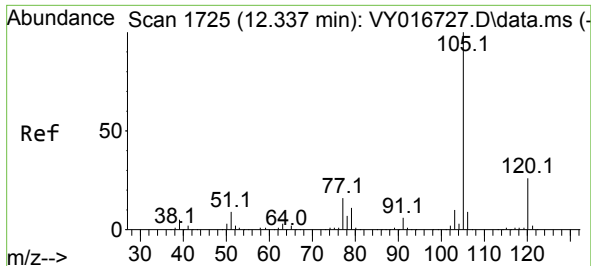
Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 164.8 0.0 344.6

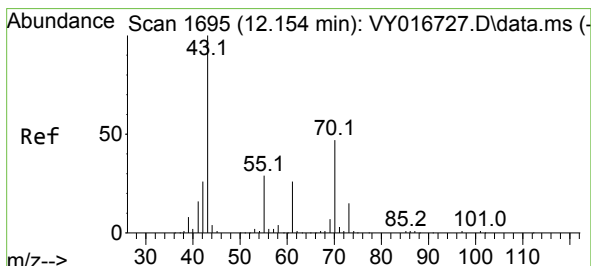
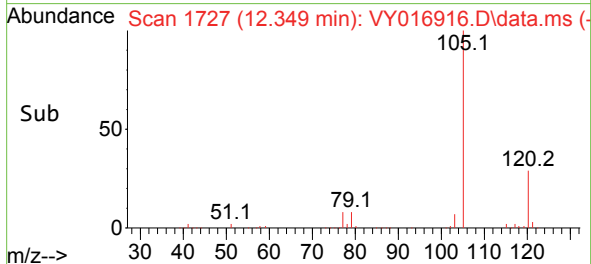
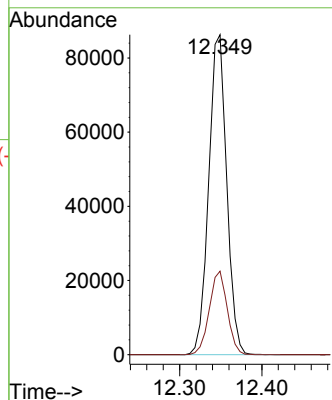
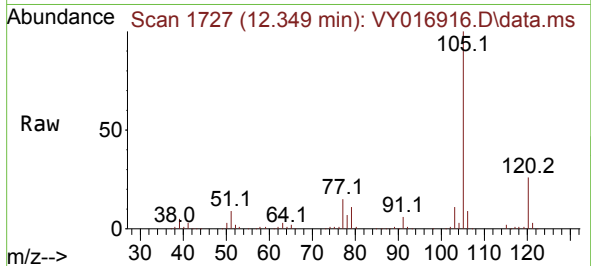




#73
Isopropylbenzene
Concen: 21.126 ug/l
RT: 12.349 min Scan# 1727
Delta R.T. 0.012 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

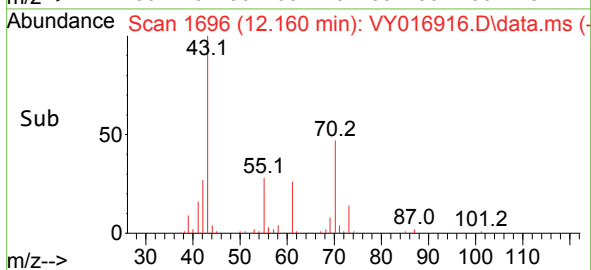
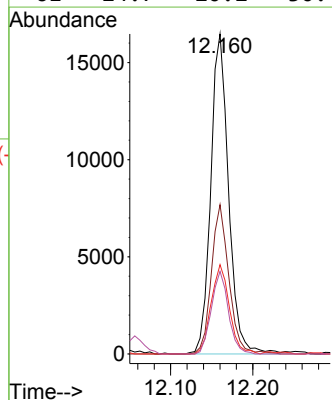
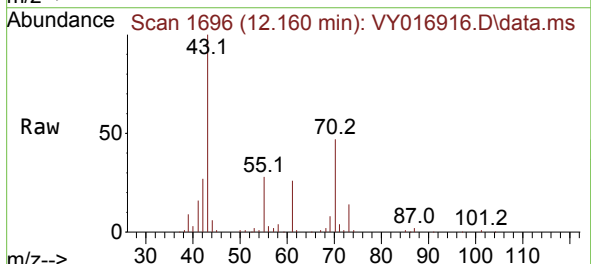
Instrument :
MSVOA_Y
ClientSampleId :

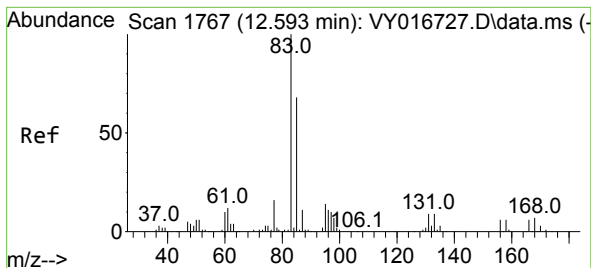
Tgt Ion:105 Resp: 130889
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0



#74
N-ethyl acetate
Concen: 19.993 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion: 43 Resp: 24887
Ion Ratio Lower Upper
43 100
70 45.9 36.6 55.0
55 28.5 22.2 33.4
61 24.7 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.048 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

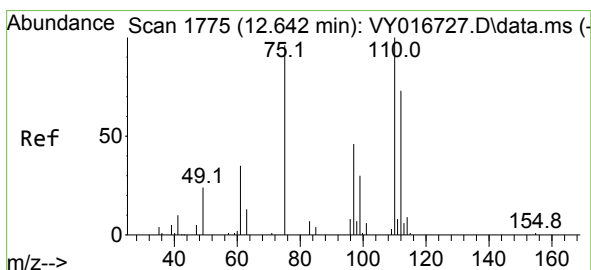
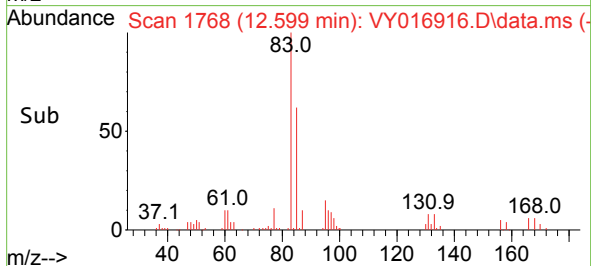
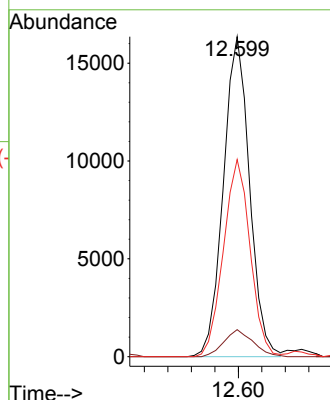
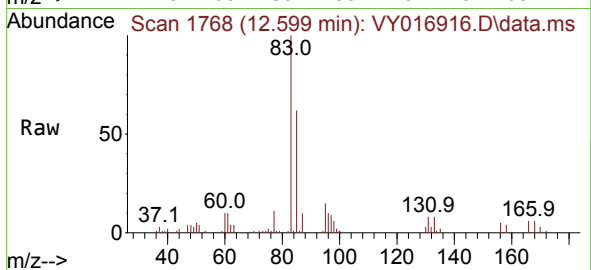
Tgt Ion: 83 Resp: 25308

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.6

85 62.8 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 36.133 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016916.D

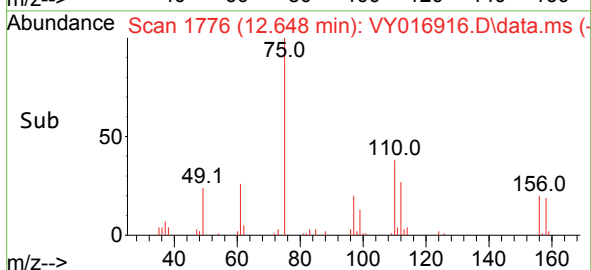
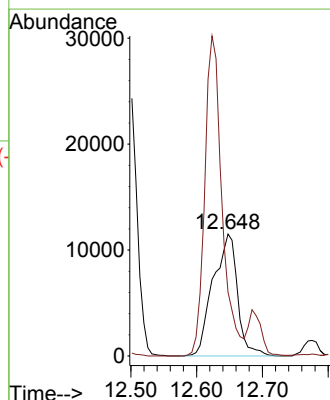
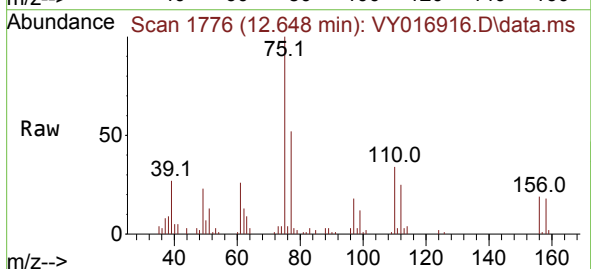
Acq: 05 Jan 2024 12:04

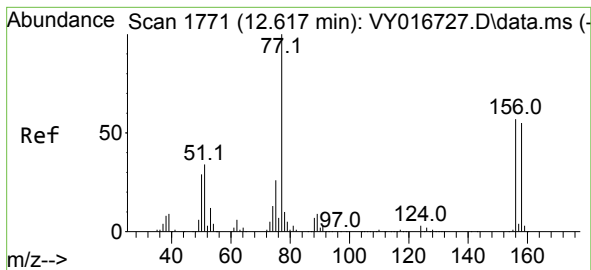
Tgt Ion: 75 Resp: 29750

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.909 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

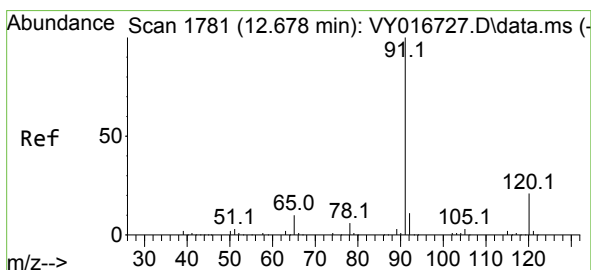
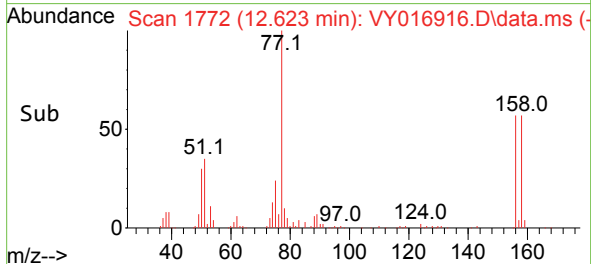
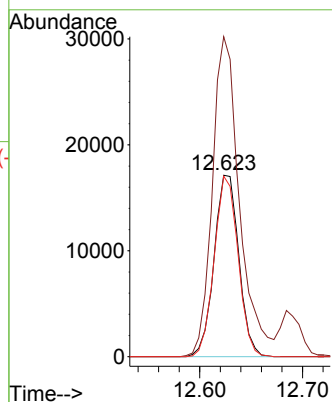
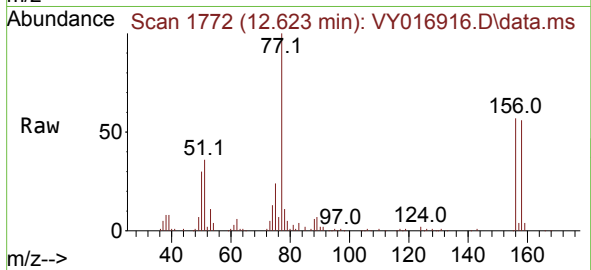
Tgt Ion:156 Resp: 28522

Ion Ratio Lower Upper

156 100

77 194.0 97.3 291.8

158 96.0 48.4 145.0



#78

n-propylbenzene

Concen: 21.422 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016916.D

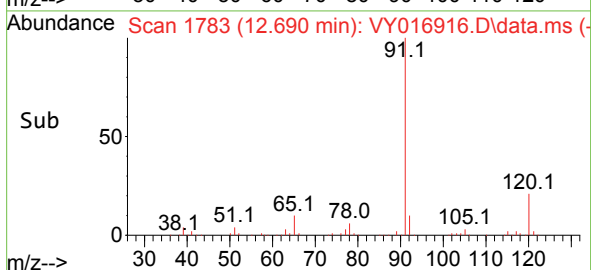
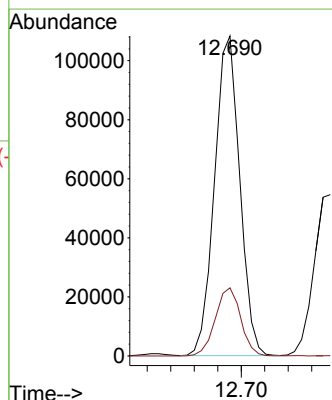
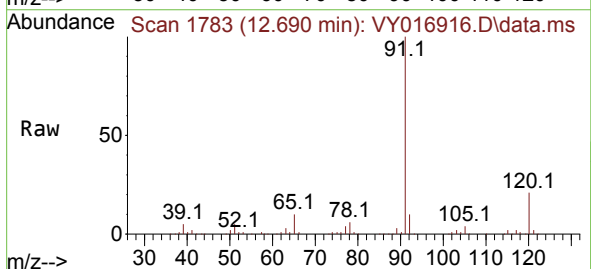
Acq: 05 Jan 2024 12:04

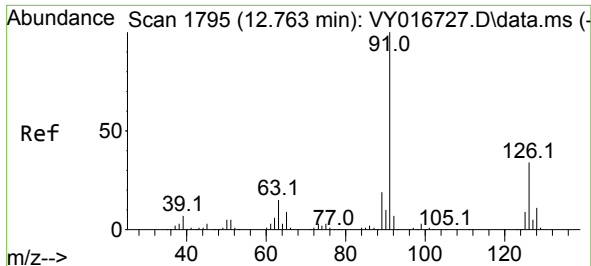
Tgt Ion: 91 Resp: 161351

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0





#79

2-Chlorotoluene

Concen: 21.064 ug/l

RT: 12.776 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

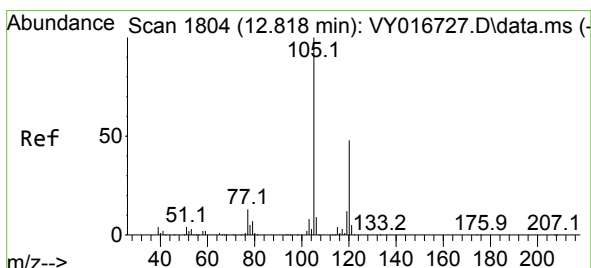
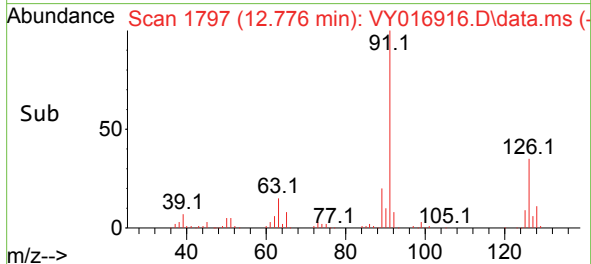
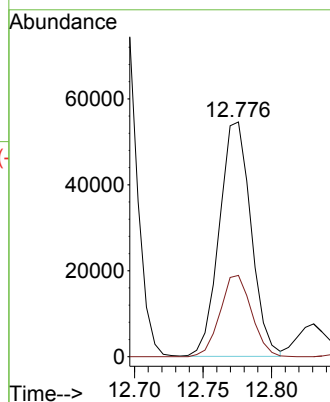
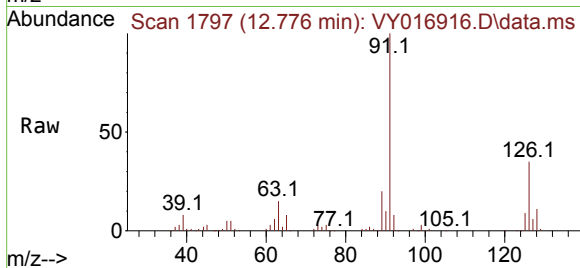
ClientSampleId :

Tgt Ion: 91 Resp: 87977

Ion Ratio Lower Upper

91 100

126 34.4 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.419 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.013 min

Lab File: VY016916.D

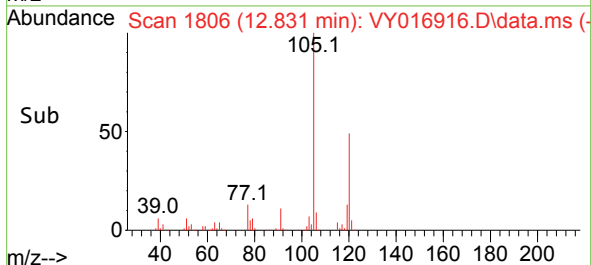
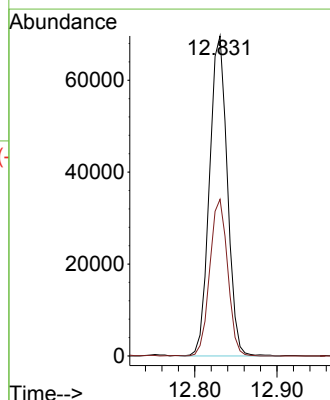
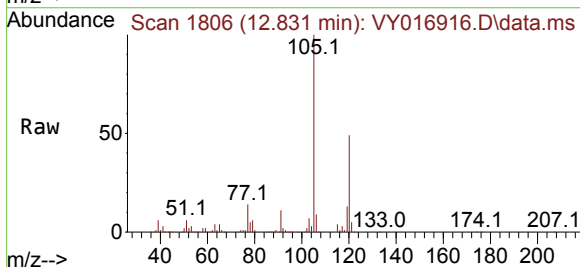
Acq: 05 Jan 2024 12:04

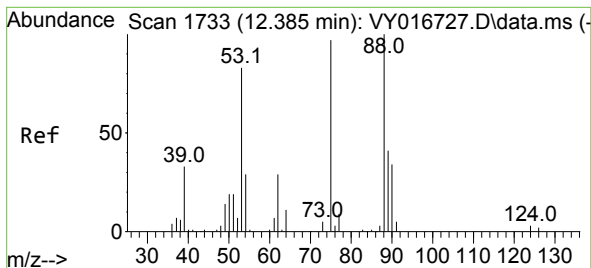
Tgt Ion:105 Resp: 104956

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8

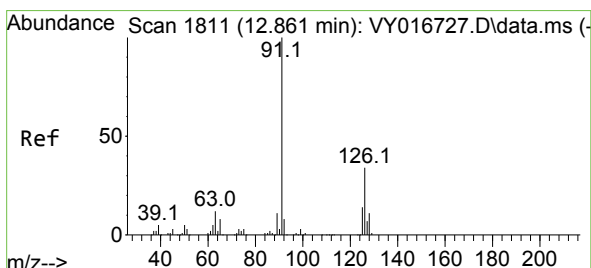
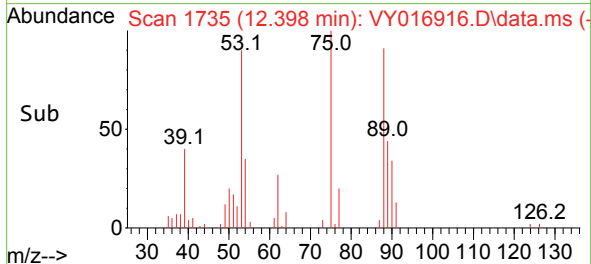
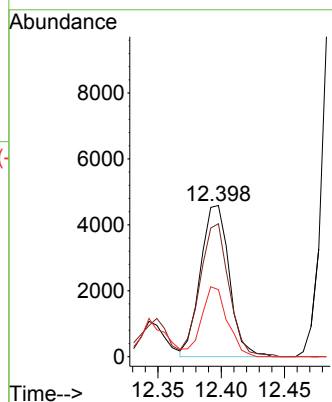
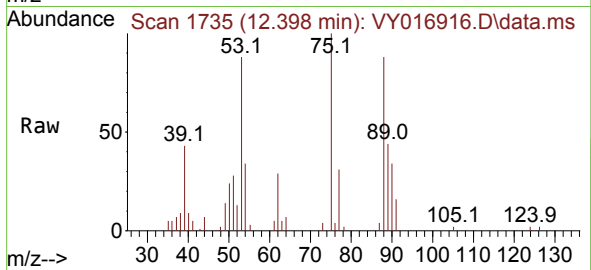




#81
trans-1,4-Dichloro-2-butene
Concen: 20.100 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

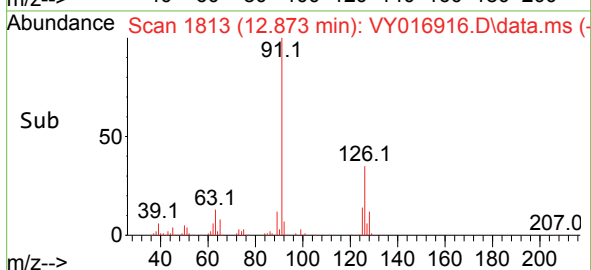
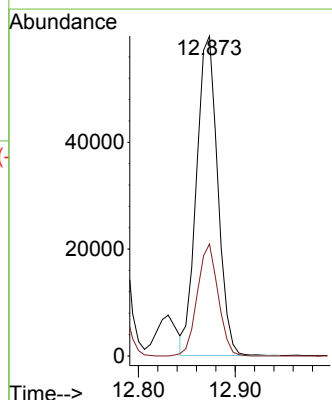
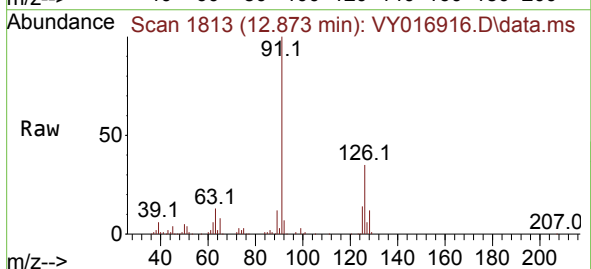
Instrument :
MSVOA_Y
ClientSampleId :

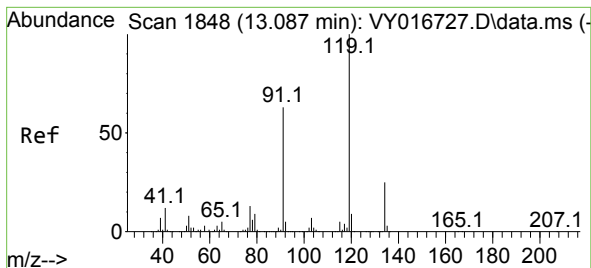
Tgt Ion: 75 Resp: 7288
Ion Ratio Lower Upper
75 100
53 88.3 74.0 111.0
89 41.9 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.405 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

Tgt Ion: 91 Resp: 91339
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.373 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

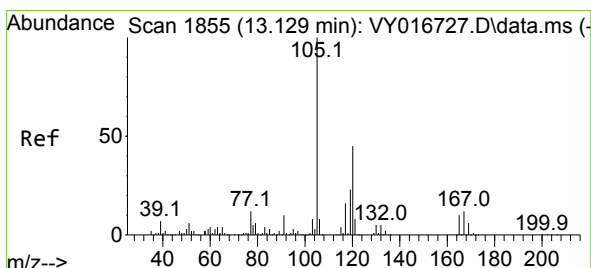
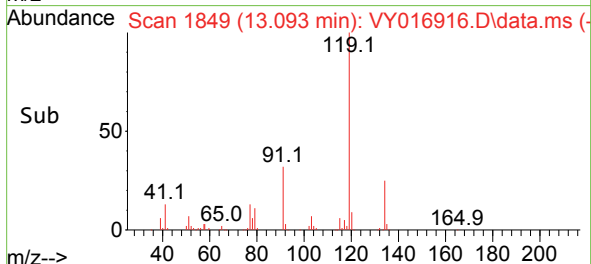
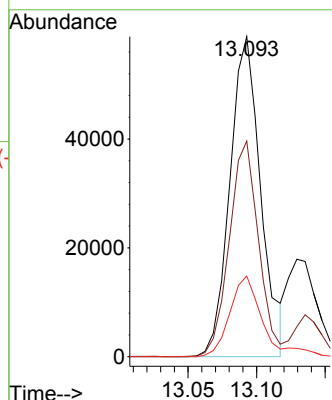
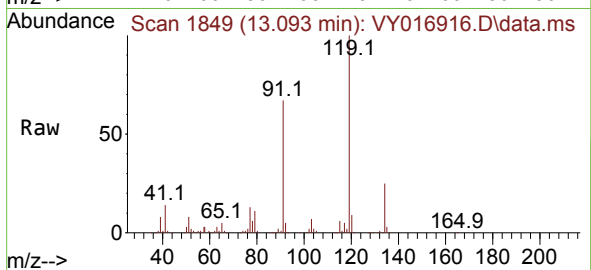
Tgt Ion:119 Resp: 92242

Ion Ratio Lower Upper

119 100

91 63.8 31.5 94.5

134 26.7 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.919 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016916.D

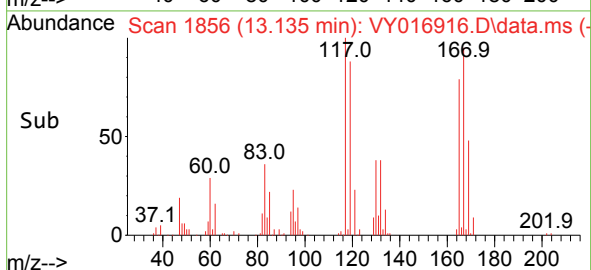
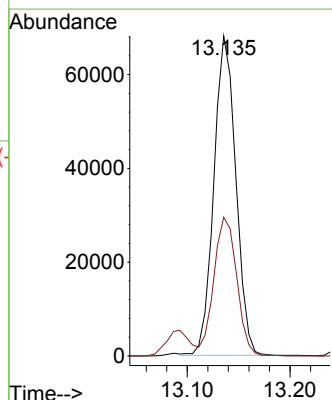
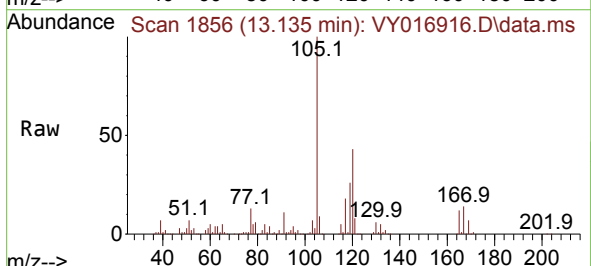
Acq: 05 Jan 2024 12:04

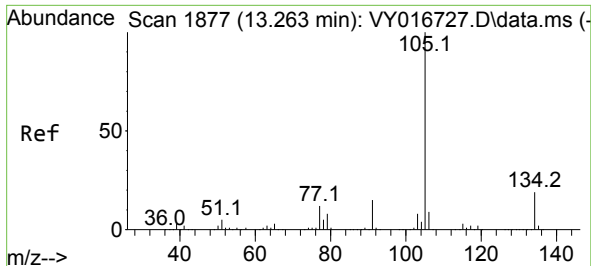
Tgt Ion:105 Resp: 100944

Ion Ratio Lower Upper

105 100

120 45.3 22.1 66.3

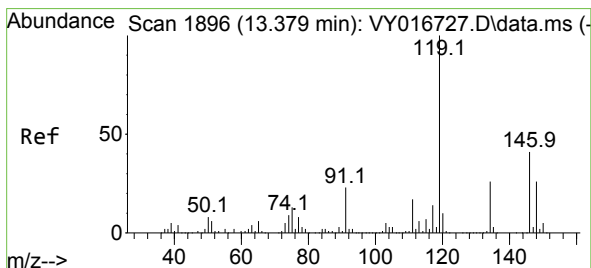
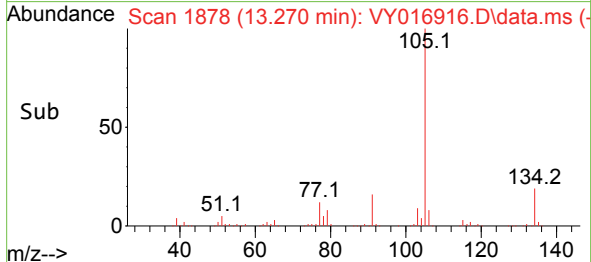
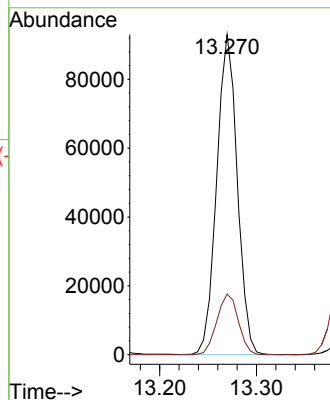
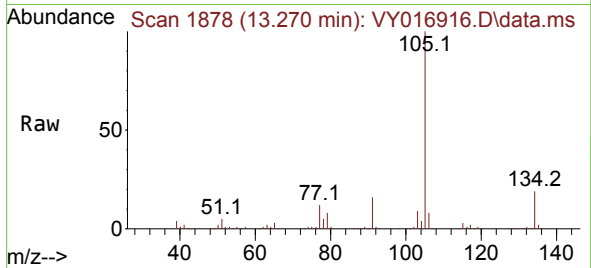




#85
 sec-Butylbenzene
 Concen: 21.469 ug/l
 RT: 13.270 min Scan# 1878
 Delta R.T. 0.007 min
 Lab File: VY016916.D
 Acq: 05 Jan 2024 12:04

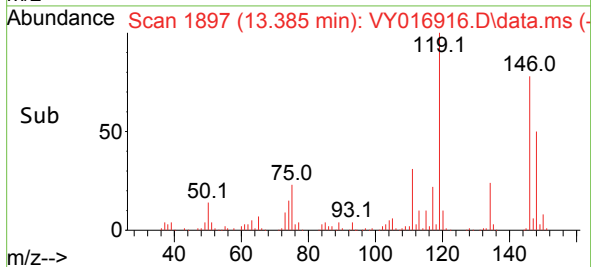
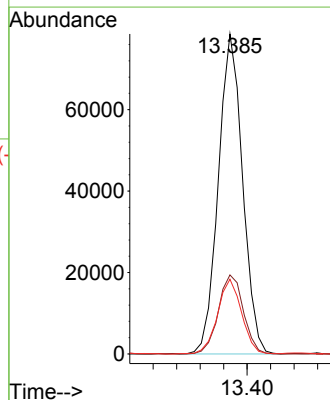
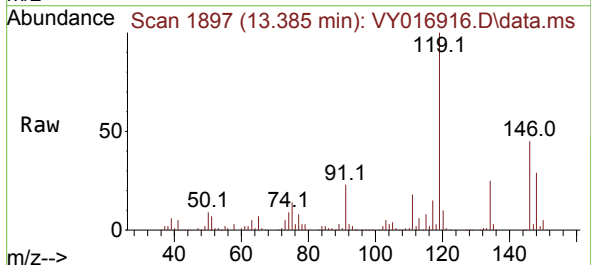
Instrument :
 MSVOA_Y
 ClientSampleId :

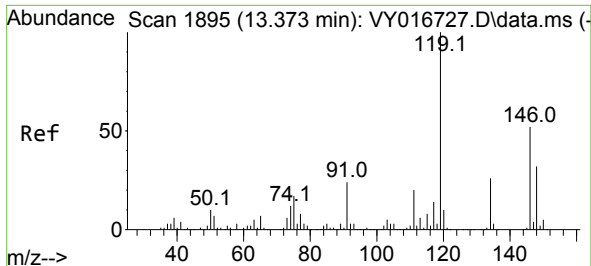
Tgt Ion:105 Resp: 137296
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 21.369 ug/l
 RT: 13.385 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY016916.D
 Acq: 05 Jan 2024 12:04

Tgt Ion:119 Resp: 112779
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.1
 91 23.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.648 ug/l

RT: 13.385 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

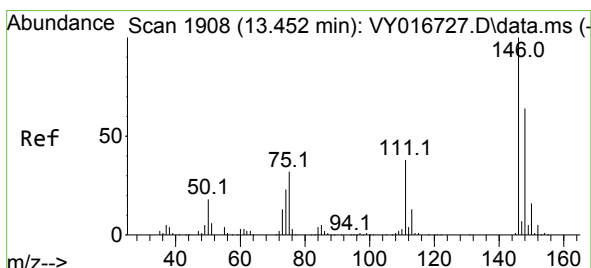
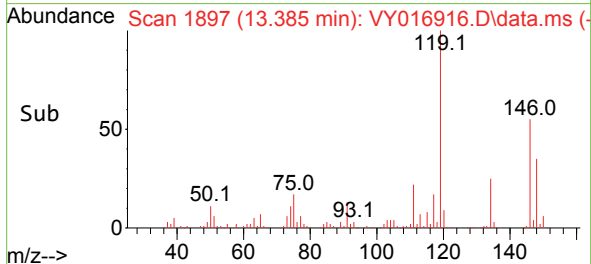
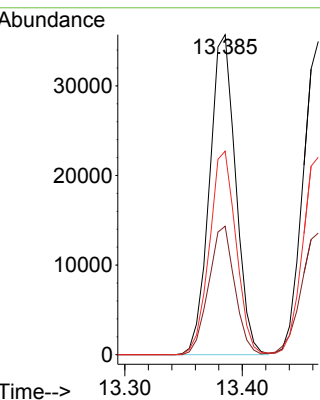
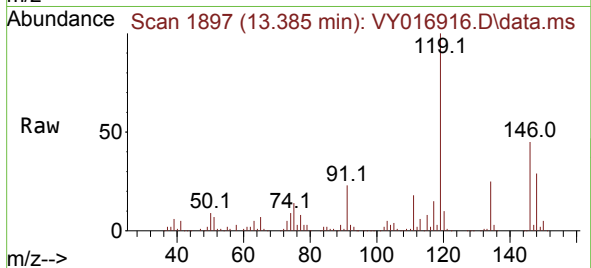
Tgt Ion:146 Resp: 55240

Ion Ratio Lower Upper

146 100

111 40.0 20.2 60.5

148 64.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.784 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

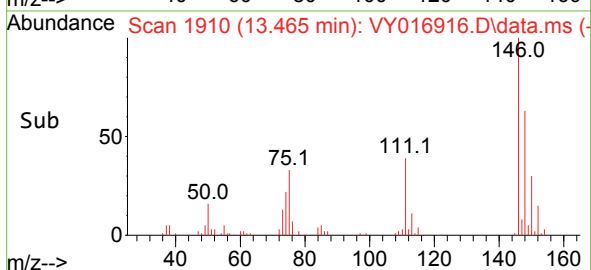
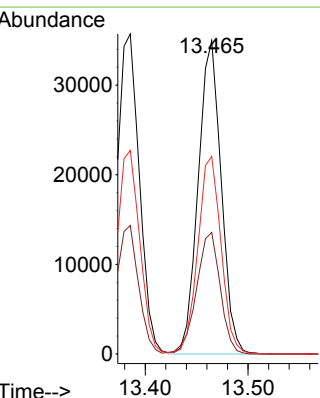
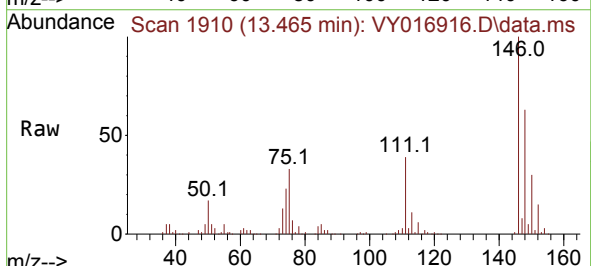
Tgt Ion:146 Resp: 54384

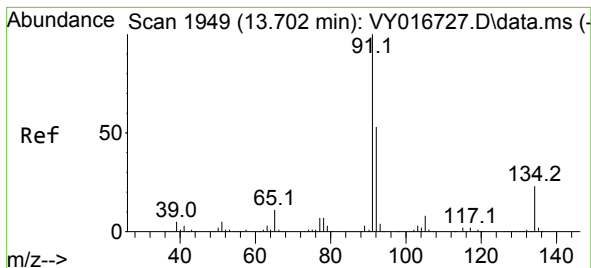
Ion Ratio Lower Upper

146 100

111 40.1 19.3 57.9

148 63.5 31.6 94.7





#89

n-Butylbenzene

Concen: 21.192 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.013 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

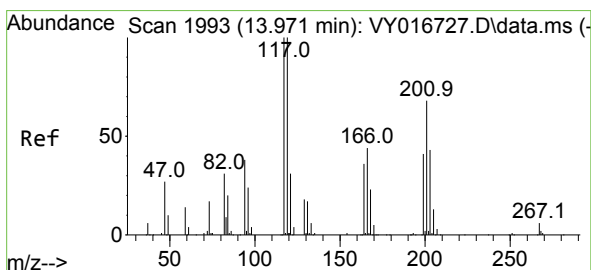
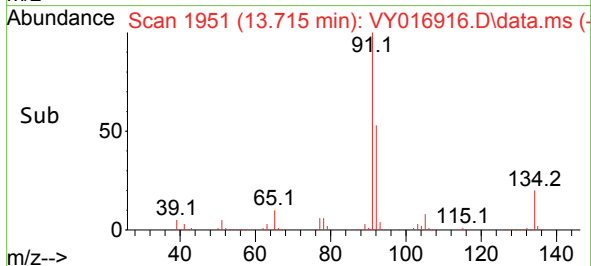
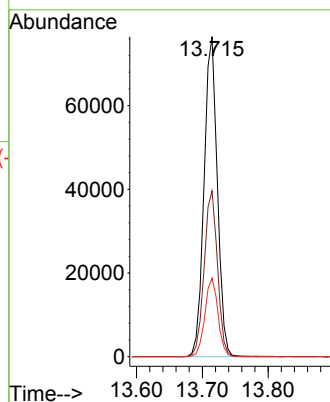
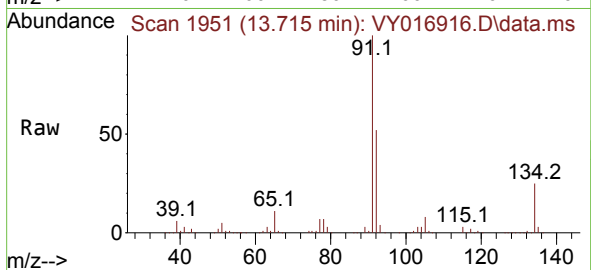
Tgt Ion: 91 Resp: 107540

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.2

134 24.1 12.3 36.8



#90

Hexachloroethane

Concen: 21.022 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016916.D

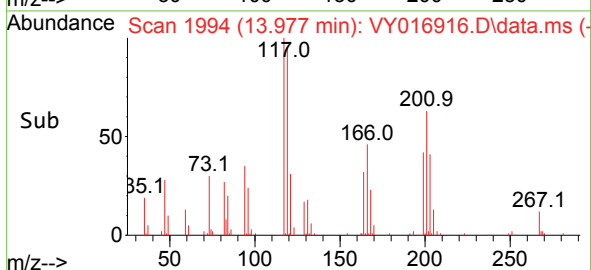
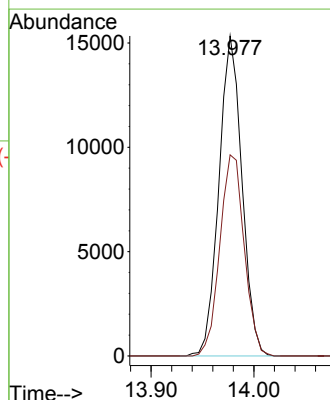
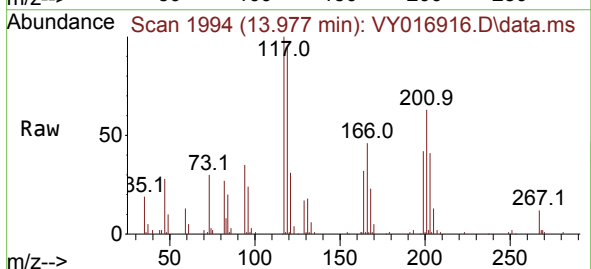
Acq: 05 Jan 2024 12:04

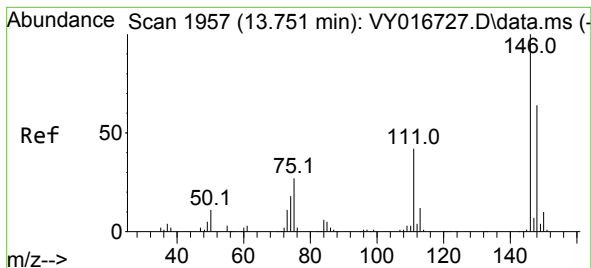
Tgt Ion: 117 Resp: 23841

Ion Ratio Lower Upper

117 100

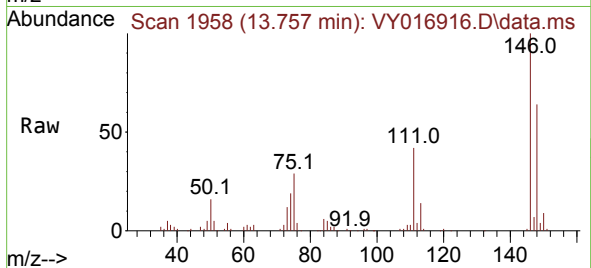
201 66.6 33.4 100.1



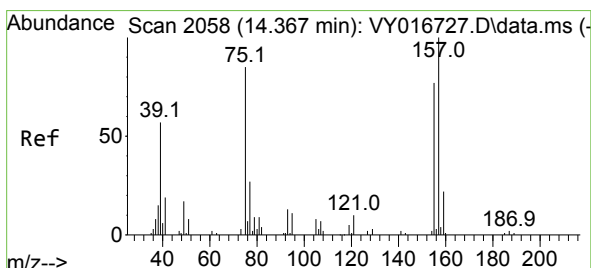
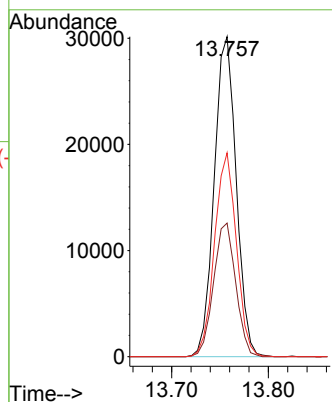
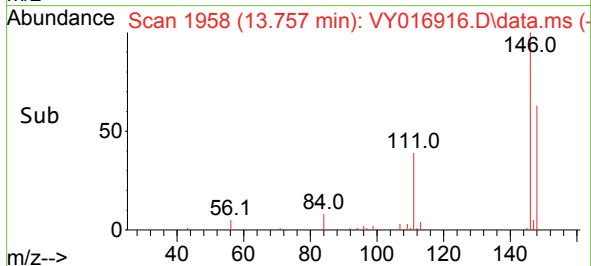


#91
1,2-Dichlorobenzene
Concen: 20.578 ug/l
RT: 13.757 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04

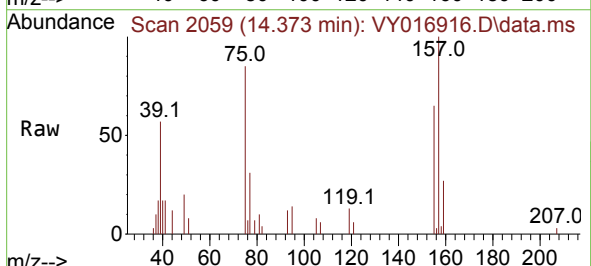
Instrument :
MSVOA_Y
ClientSampleId :



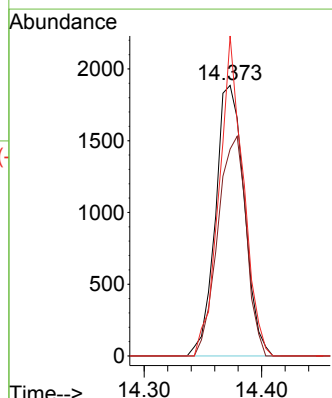
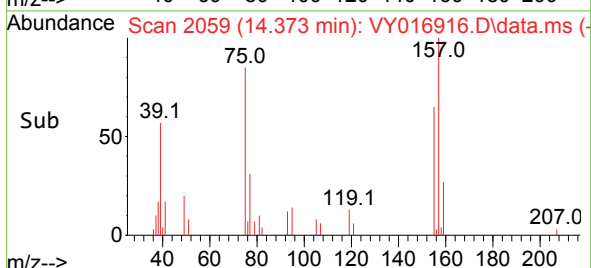
Tgt Ion:146 Resp: 47575
Ion Ratio Lower Upper
146 100
111 42.1 20.5 61.6
148 63.3 31.4 94.3

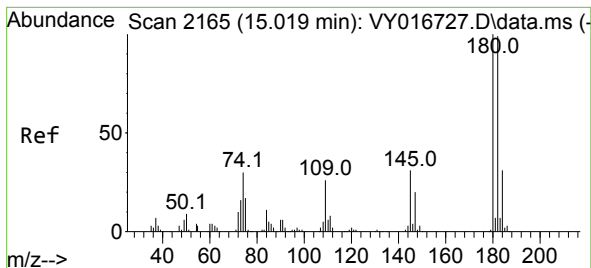


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.284 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016916.D
Acq: 05 Jan 2024 12:04



Tgt Ion: 75 Resp: 3211
Ion Ratio Lower Upper
75 100
155 80.4 42.1 126.3
157 99.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.550 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

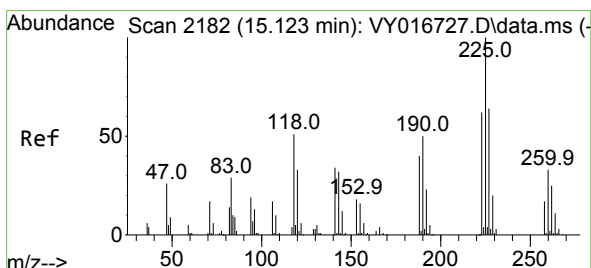
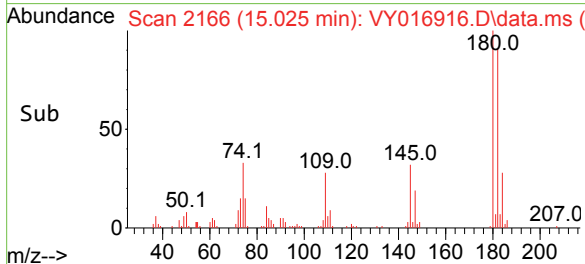
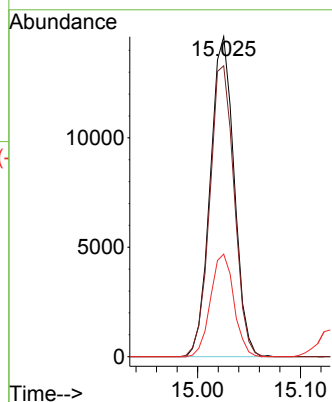
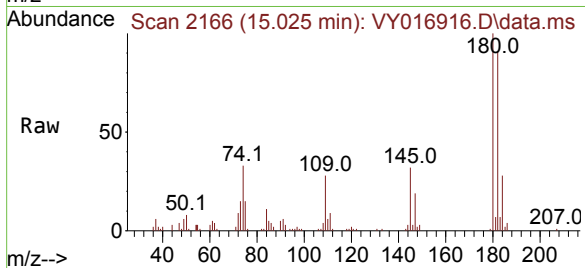
Tgt Ion:180 Resp: 23593

Ion Ratio Lower Upper

180 100

182 92.8 47.9 143.7

145 31.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 20.675 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

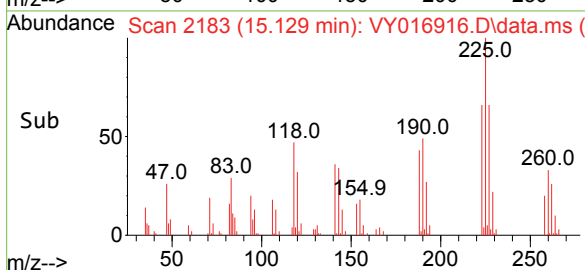
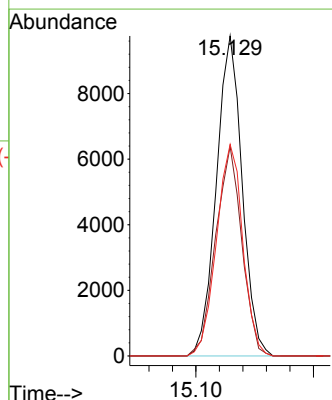
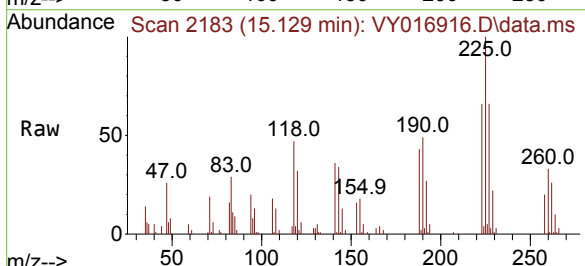
Tgt Ion:225 Resp: 14870

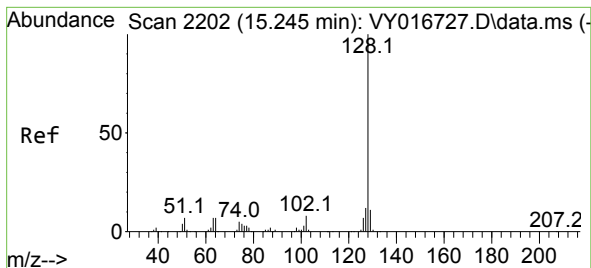
Ion Ratio Lower Upper

225 100

223 66.2 31.4 94.3

227 67.5 32.3 96.8





#95

Naphthalene

Concen: 19.931 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY016916.D

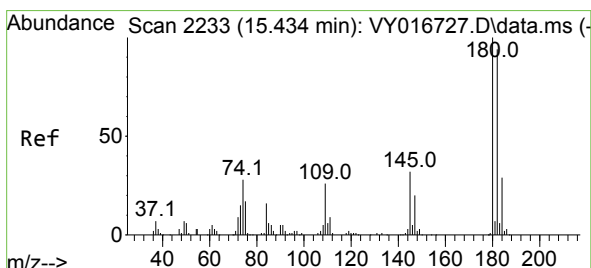
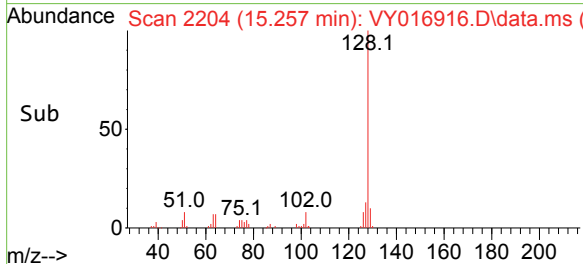
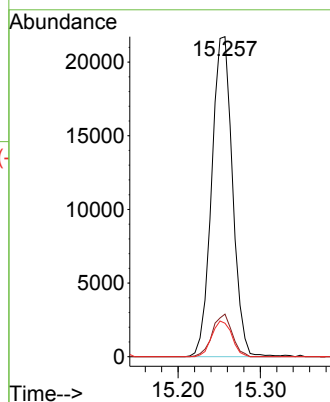
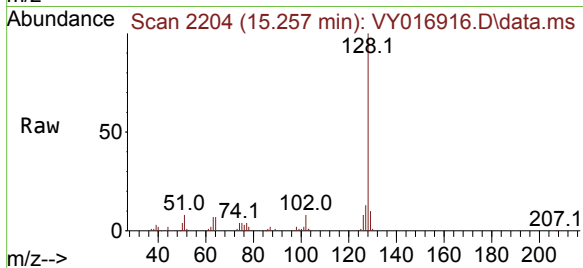
Acq: 05 Jan 2024 12:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	38248
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.2 15.4
129	10.7	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.286 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016916.D

Acq: 05 Jan 2024 12:04

Tgt Ion:180	Resp:	19775
Ion Ratio	Lower	Upper
180	100	
182	94.1	46.3 138.8
145	32.2	16.1 48.2

