

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016896.D
 Acq On : 02 Jan 2024 15:58
 Operator : SY/MD
 Sample : VY0102SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 03 00:18:41 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	7.807	168	139418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	232443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	198749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	85753	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	66995	48.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.240%
35) Dibromofluoromethane	7.734	113	72522	48.961	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.920%
50) Toluene-d8	10.191	98	259689	50.914	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.820%
62) 4-Bromofluorobenzene	12.495	95	84395	49.042	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	22360	19.356	ug/l	97
3) Chloromethane	2.125	50	32077	19.586	ug/l	99
4) Vinyl Chloride	2.265	62	37797	19.565	ug/l	99
5) Bromomethane	2.662	94	27853	20.126	ug/l	92
6) Chloroethane	2.808	64	24789	18.969	ug/l	92
7) Trichlorofluoromethane	3.137	101	48391	20.330	ug/l	95
8) Diethyl Ether	3.546	74	15467	20.333	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.911	101	30311	19.585	ug/l	98
10) Methyl Iodide	4.113	142	24176	18.361	ug/l	98
11) Tert butyl alcohol	4.978	59	13385	115.688	ug/l #	92
12) 1,1-Dichloroethene	3.893	96	26448	19.917	ug/l	96
13) Acrolein	3.741	56	18267	117.391	ug/l	96
14) Allyl chloride	4.503	41	41517	19.777	ug/l	99
15) Acrylonitrile	5.186	53	35210	98.957	ug/l	99
16) Acetone	3.960	43	46798	125.806	ug/l	99
17) Carbon Disulfide	4.216	76	58161	18.331	ug/l	99
18) Methyl Acetate	4.497	43	26222	17.762	ug/l	100
19) Methyl tert-butyl Ether	5.240	73	68718	19.891	ug/l	98
20) Methylene Chloride	4.734	84	59707	30.192	ug/l	97
21) trans-1,2-Dichloroethene	5.247	96	29445	19.361	ug/l	93
22) Diisopropyl ether	6.137	45	98311	20.257	ug/l	97
23) Vinyl Acetate	6.082	43	228621	102.735	ug/l	99
24) 1,1-Dichloroethane	6.039	63	58207	19.958	ug/l	99
25) 2-Butanone	7.008	43	55969	113.737	ug/l	98
26) 2,2-Dichloropropane	7.002	77	48788	19.293	ug/l	100
27) cis-1,2-Dichloroethene	7.008	96	35490	19.907	ug/l	99
28) Bromochloromethane	7.356	49	22331	20.395	ug/l	98
29) Tetrahydrofuran	7.368	42	27054	97.005	ug/l	97
30) Chloroform	7.527	83	59383	19.758	ug/l	99
31) Cyclohexane	7.807	56	45513	19.244	ug/l	95
32) 1,1,1-Trichloroethane	7.722	97	50016	19.627	ug/l	99
36) 1,1-Dichloropropene	7.935	75	42195	19.547	ug/l	98
37) Ethyl Acetate	7.094	43	20147	20.538	ug/l	97
38) Carbon Tetrachloride	7.923	117	43693	19.922	ug/l	98
39) Methylcyclohexane	9.203	83	46373	19.109	ug/l	97
40) Benzene	8.179	78	127310	19.660	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	8132	15.740	ug/l #	71
42) 1,2-Dichloroethane	8.252	62	34437	20.032	ug/l	99
43) Isopropyl Acetate	8.289	43	37117	19.758	ug/l	99
44) Trichloroethene	8.959	130	33399	20.269	ug/l	89
45) 1,2-Dichloropropane	9.234	63	33086	19.833	ug/l	98
46) Dibromomethane	9.325	93	16611	19.524	ug/l	98
47) Bromodichloromethane	9.514	83	45343	19.846	ug/l	97
48) Methyl methacrylate	9.307	41	18926	18.668	ug/l	93
49) 1,4-Dioxane	9.313	88	3467	393.552	ug/l	97
51) 4-Methyl-2-Pentanone	10.081	43	98934	99.028	ug/l	99
52) Toluene	10.258	92	78851	20.177	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	39782	19.439	ug/l	92
54) cis-1,3-Dichloropropene	9.941	75	48835	19.871	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	24322	19.568	ug/l	97
56) Ethyl methacrylate	10.520	69	20572	19.540	ug/l	93
57) 1,3-Dichloropropane	10.800	76	41511	20.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	54658	94.187	ug/l	100
59) 2-Hexanone	10.843	43	77298	105.077	ug/l	99
60) Dibromochloromethane	10.996	129	28561	19.925	ug/l	98
61) 1,2-Dibromoethane	11.099	107	21658	20.055	ug/l	97
64) Tetrachloroethene	10.733	164	25504	19.793	ug/l	98
65) Chlorobenzene	11.532	112	81593	19.707	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	31397	19.949	ug/l	99
67) Ethyl Benzene	11.605	91	148080	19.866	ug/l	96
68) m/p-Xylenes	11.715	106	109670	40.083	ug/l	99
69) o-Xylene	12.044	106	51463	20.064	ug/l	98
70) Styrene	12.056	104	74306	19.904	ug/l	99
71) Bromoform	12.221	173	15113	19.505	ug/l #	98
73) Isopropylbenzene	12.343	105	139705	19.950	ug/l	99
74) N-amyl acetate	12.154	43	28408	20.191	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	27668	19.391	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	33044	35.509	ug/l #	100
77) Bromobenzene	12.623	156	30219	19.600	ug/l	99
78) n-propylbenzene	12.684	91	171372	20.130	ug/l	100
79) 2-Chlorotoluene	12.770	91	94069	19.927	ug/l	99
80) 1,3,5-Trimethylbenzene	12.824	105	112399	20.295	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	7916	19.316	ug/l	98
82) 4-Chlorotoluene	12.867	91	96576	20.024	ug/l	100
83) tert-Butylbenzene	13.087	119	95183	19.513	ug/l	97
84) 1,2,4-Trimethylbenzene	13.135	105	109788	20.129	ug/l	98
85) sec-Butylbenzene	13.270	105	146911	20.326	ug/l	99
86) p-Isopropyltoluene	13.385	119	119549	20.041	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	59116	19.551	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	59323	20.059	ug/l	99
89) n-Butylbenzene	13.708	91	113290	19.753	ug/l	99
90) Hexachloroethane	13.977	117	25086	19.571	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	50905	19.481	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3576	19.986	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	24964	19.239	ug/l	98
94) Hexachlorobutadiene	15.129	225	15017	18.474	ug/l	99
95) Naphthalene	15.251	128	42299	19.532	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	20247	18.376	ug/l	95

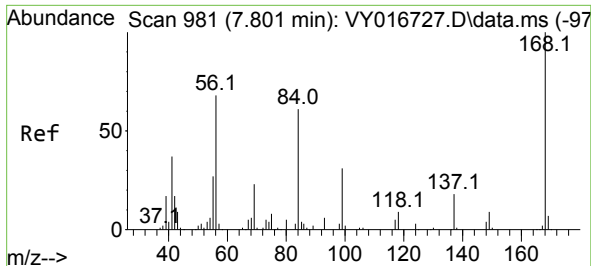
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
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Response via : Initial Calibration

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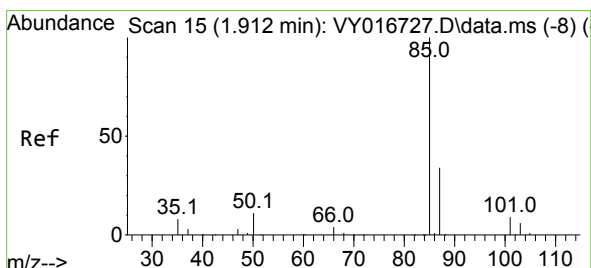
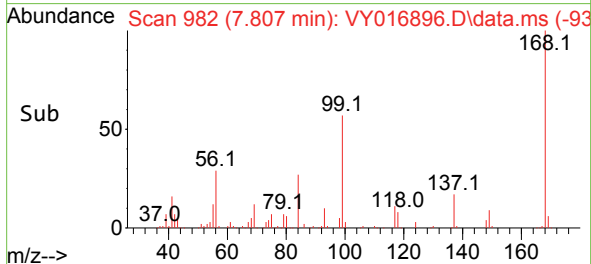
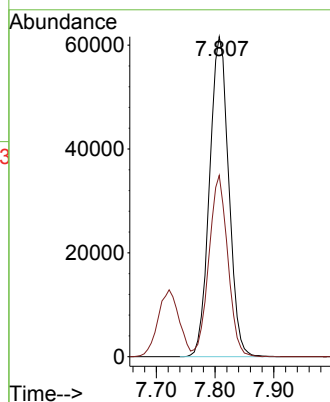
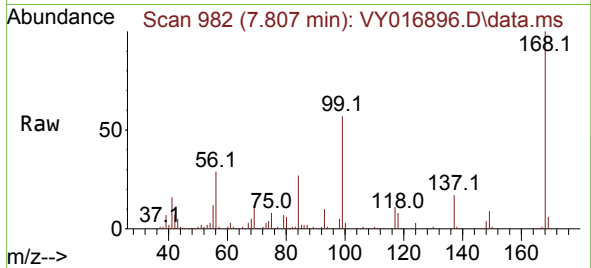
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

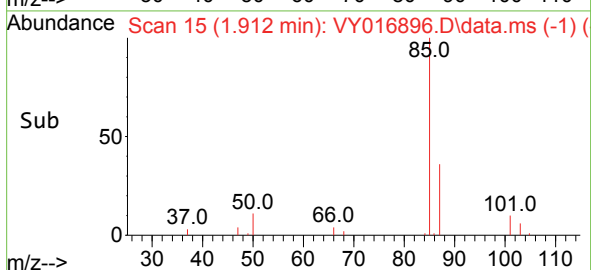
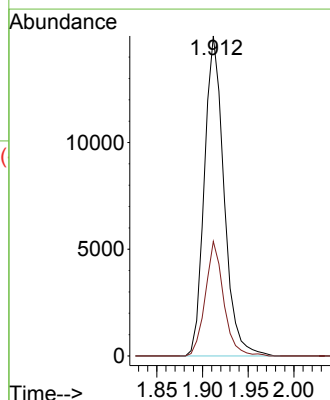
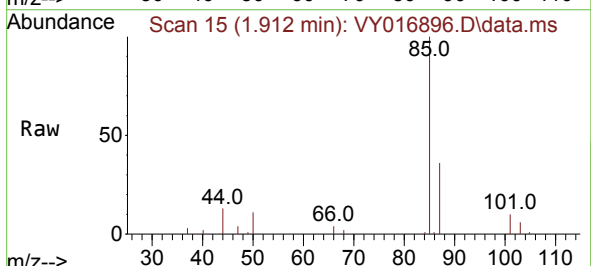
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MSVOA_Y
ClientSampleId :

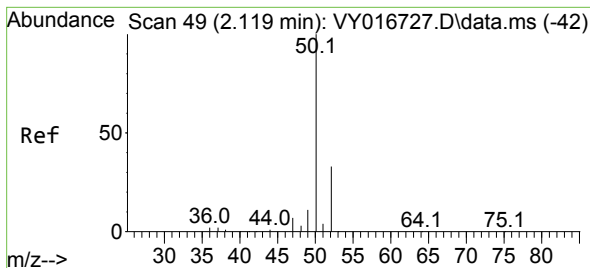
Tgt Ion:168 Resp: 139418
Ion Ratio Lower Upper
168 100
99 56.6 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 19.356 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 85 Resp: 22360
Ion Ratio Lower Upper
85 100
87 35.8 17.1 51.3





#3

Chloromethane

Concen: 19.586 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

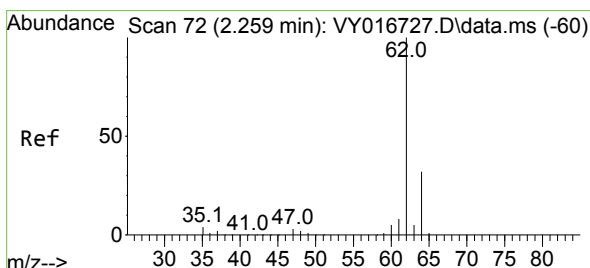
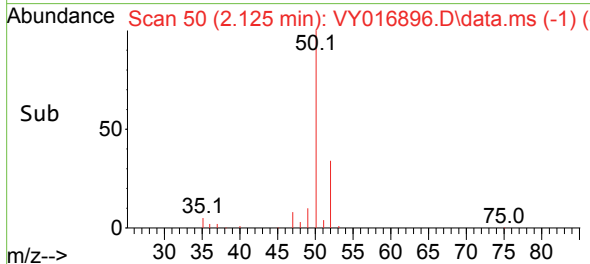
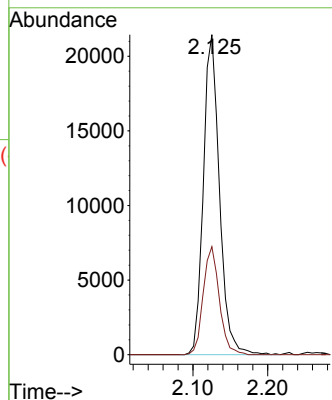
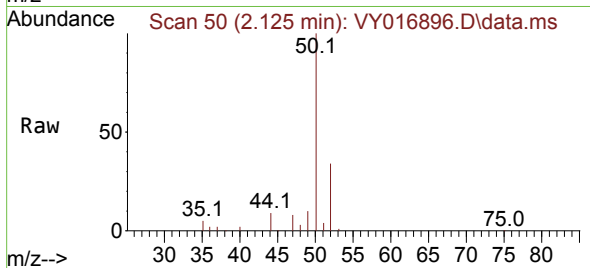
ClientSampleId :

Tgt Ion: 50 Resp: 32077

Ion Ratio Lower Upper

50 100

52 33.8 26.7 40.1



#4

Vinyl Chloride

Concen: 19.565 ug/l

RT: 2.265 min Scan# 73

Delta R.T. 0.006 min

Lab File: VY016896.D

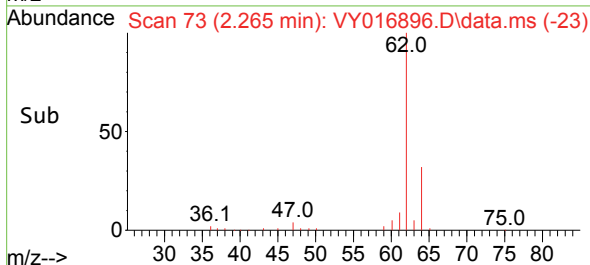
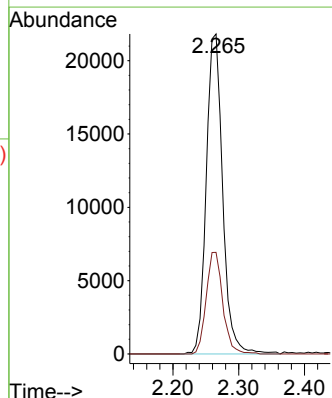
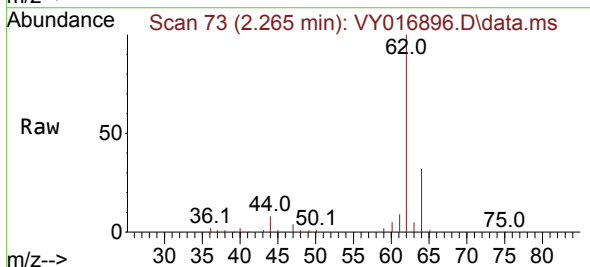
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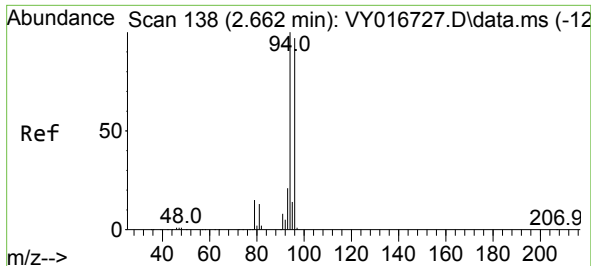
Tgt Ion: 62 Resp: 37797

Ion Ratio Lower Upper

62 100

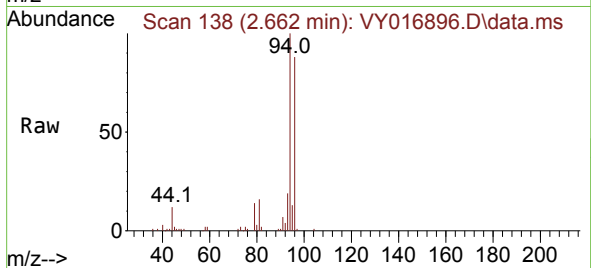
64 31.7 25.7 38.5



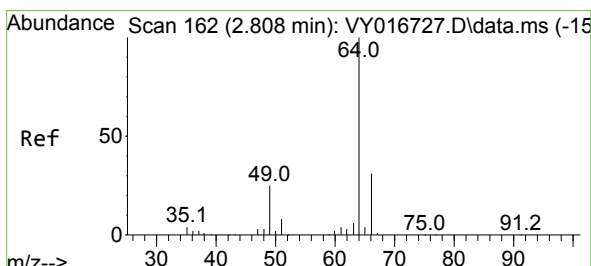
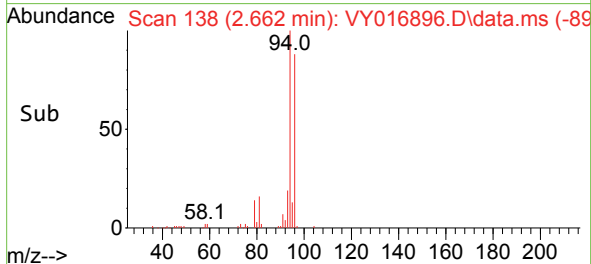
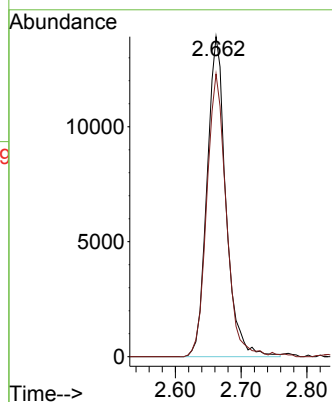


#5
Bromomethane
Concen: 20.126 ug/l
RT: 2.662 min Scan# 138
Delta R.T. -0.000 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Instrument :
MSVOA_Y
ClientSampleId :

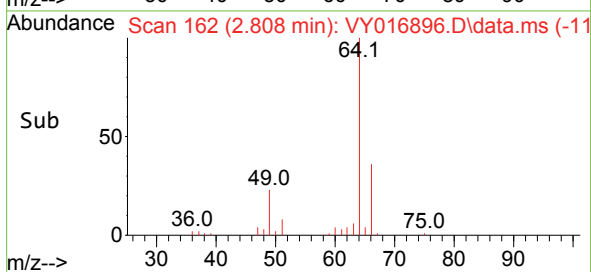
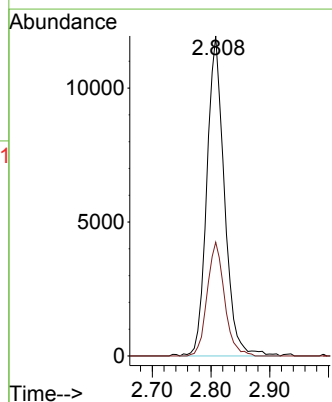
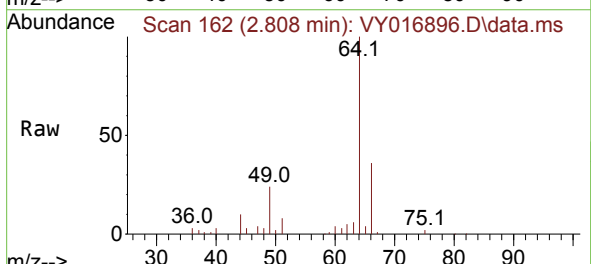


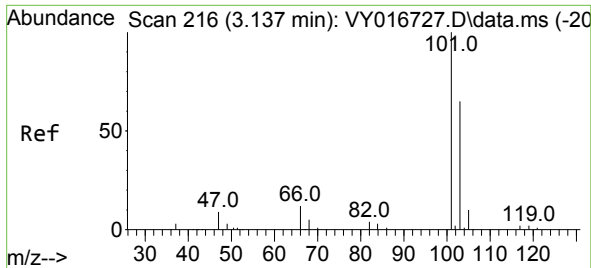
Tgt Ion: 94 Resp: 27853
Ion Ratio Lower Upper
94 100
96 88.4 77.3 115.9



#6
Chloroethane
Concen: 18.969 ug/l
RT: 2.808 min Scan# 162
Delta R.T. -0.000 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

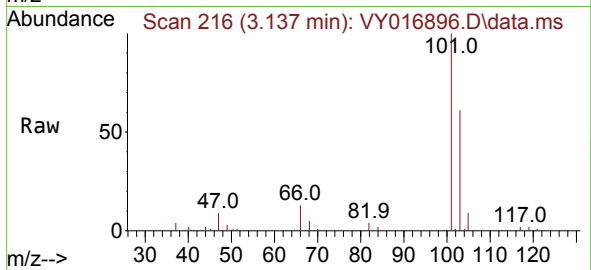
Tgt Ion: 64 Resp: 24789
Ion Ratio Lower Upper
64 100
66 35.6 25.1 37.7



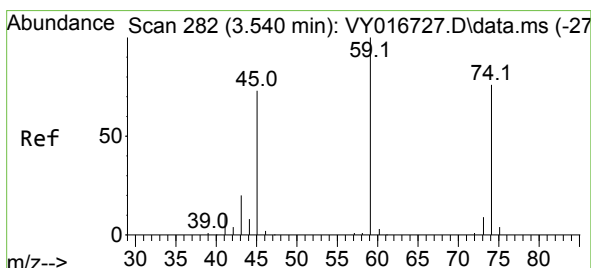
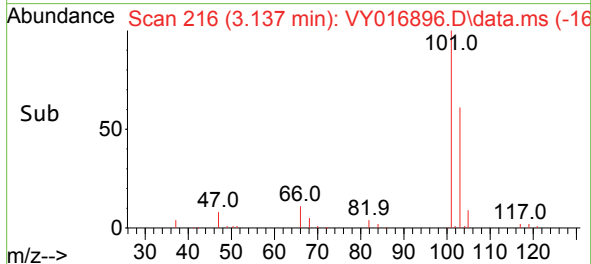
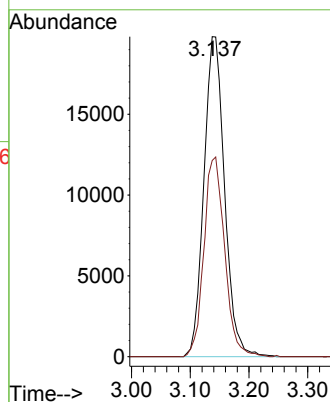


#7
 Trichlorofluoromethane
 Concen: 20.330 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016896.D
 Acq: 02 Jan 2024 15:58

Instrument :
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 ClientSampleId :

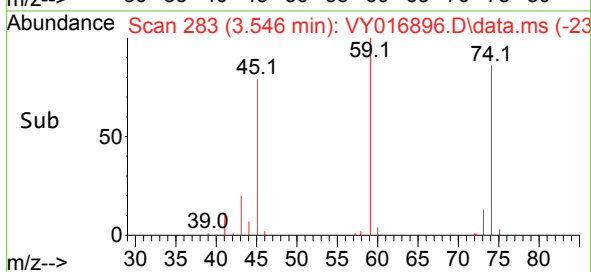
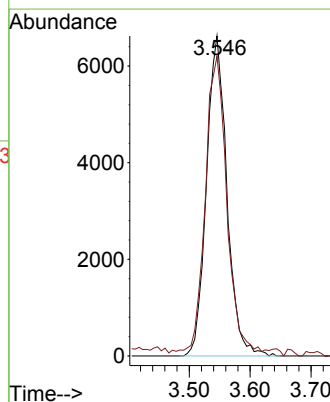
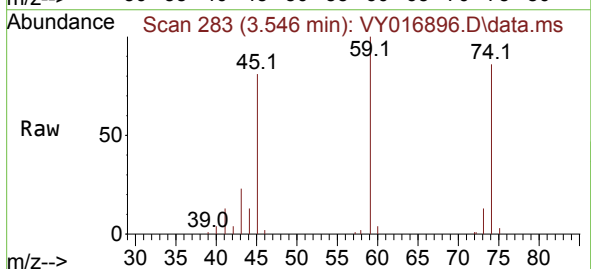


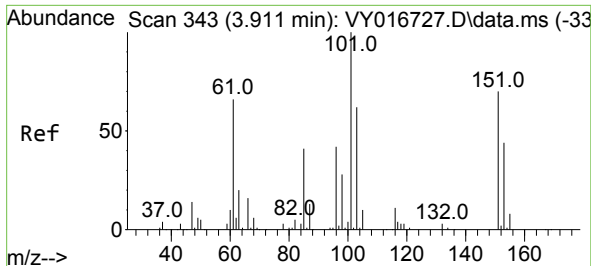
Tgt Ion:101 Resp: 48391
 Ion Ratio Lower Upper
 101 100
 103 61.3 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.333 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016896.D
 Acq: 02 Jan 2024 15:58

Tgt Ion: 74 Resp: 15467
 Ion Ratio Lower Upper
 74 100
 45 94.9 47.9 143.7

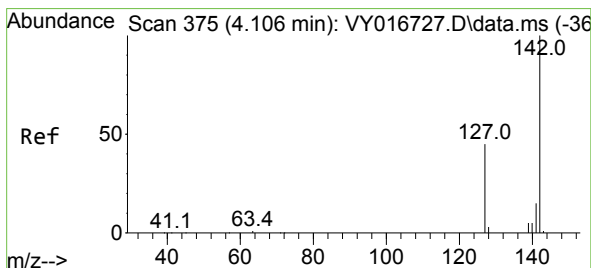
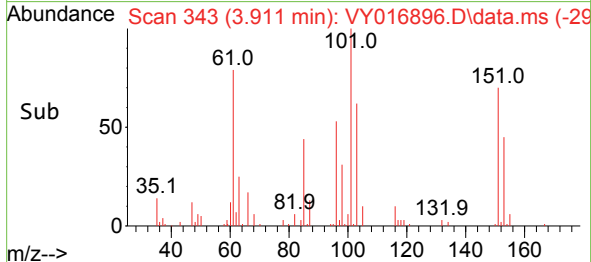
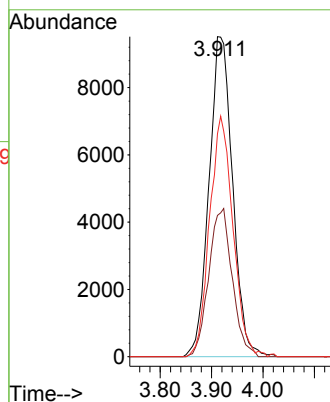
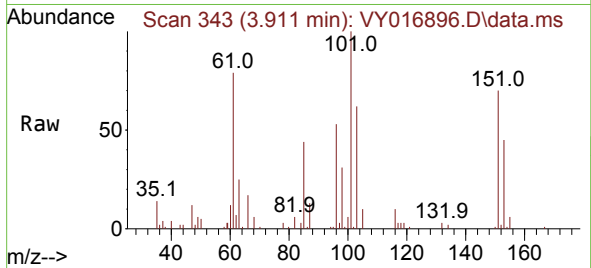




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.585 ug/l
RT: 3.911 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016896.D
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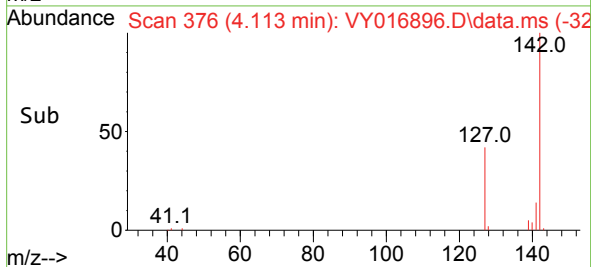
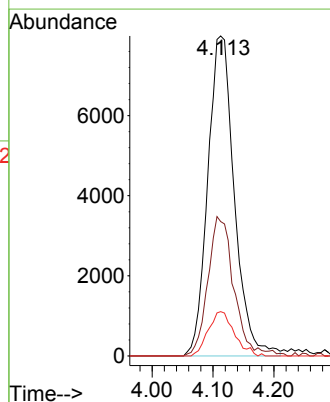
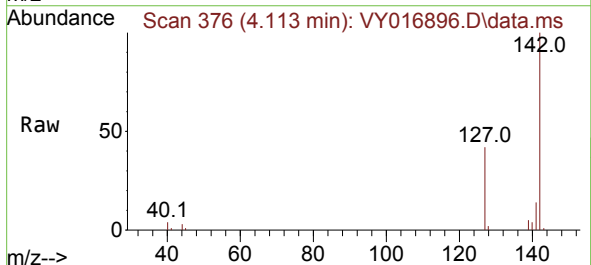
Instrument :
MSVOA_Y
ClientSampleId :

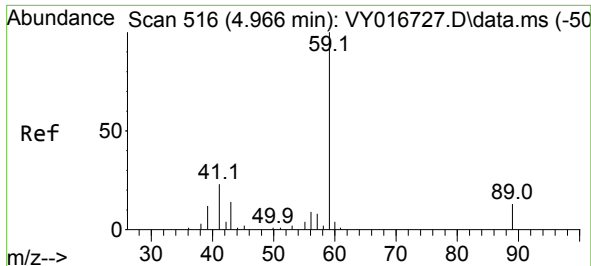
Tgt Ion:101	Resp:	30311
Ion Ratio	Lower	Upper
101	100	
85	46.2	35.8 53.6
151	74.4	58.6 88.0



#10
Methyl Iodide
Concen: 18.361 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion:142	Resp:	24176
Ion Ratio	Lower	Upper
142	100	
127	42.7	35.1 52.7
141	13.6	11.8 17.6

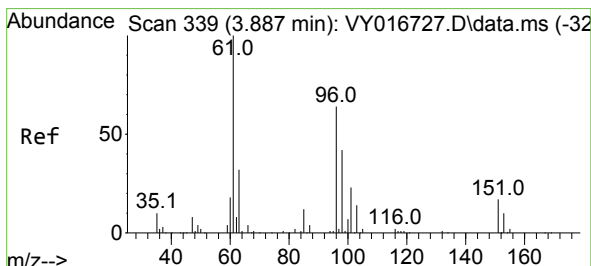
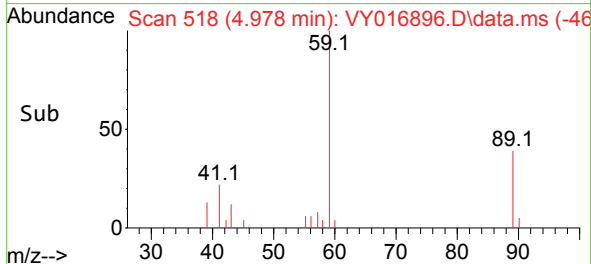
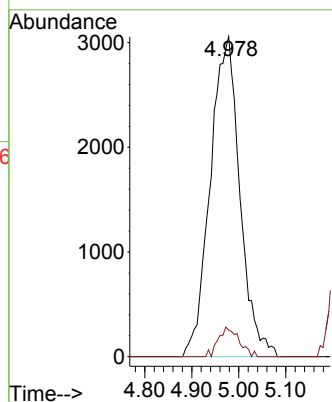
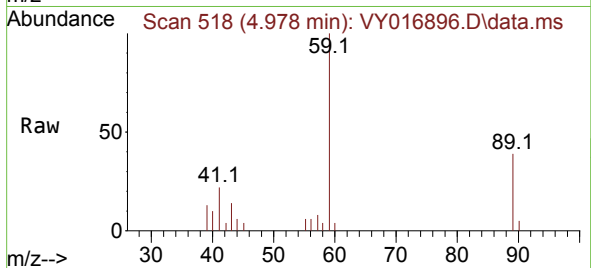




#11
Tert butyl alcohol
Concen: 115.688 ug/l
RT: 4.978 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

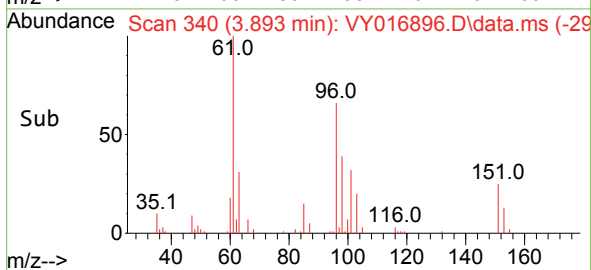
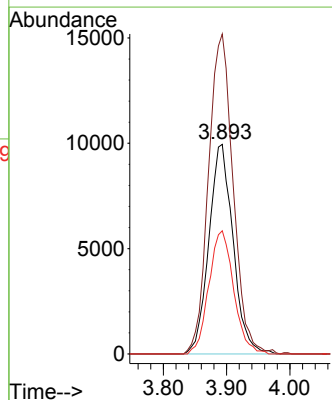
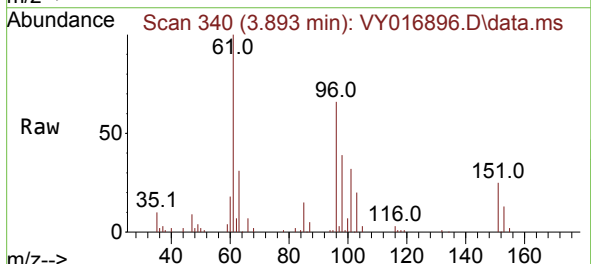
Instrument :
MSVOA_Y
ClientSampleId :

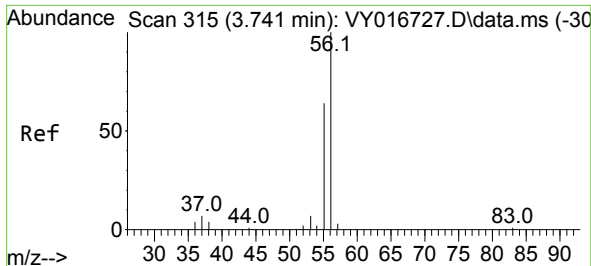
Tgt Ion: 59 Resp: 13385
Ion Ratio Lower Upper
59 100
57 6.5 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 19.917 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

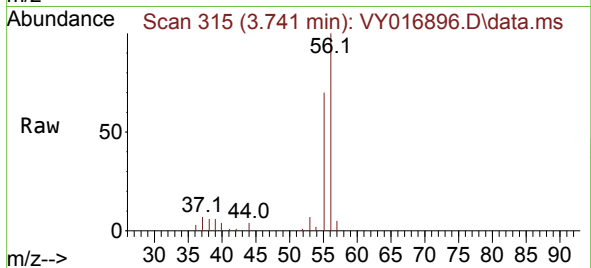
Tgt Ion: 96 Resp: 26448
Ion Ratio Lower Upper
96 100
61 152.6 124.2 186.2
98 58.8 52.6 79.0



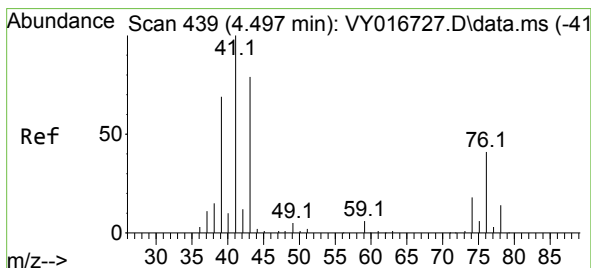
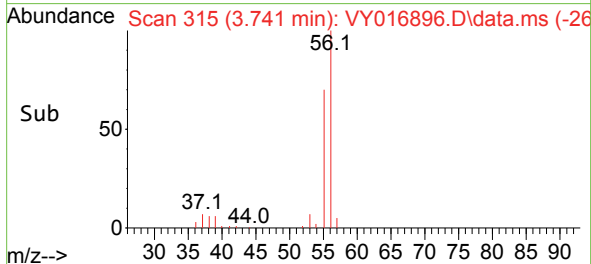
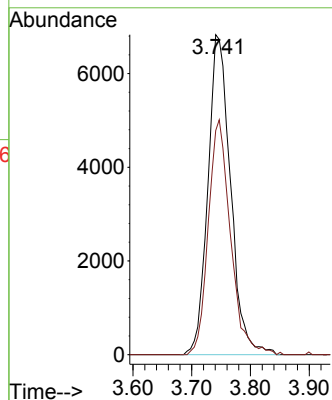


#13
Acrolein
Concen: 117.391 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Instrument :
MSVOA_Y
ClientSampleId :

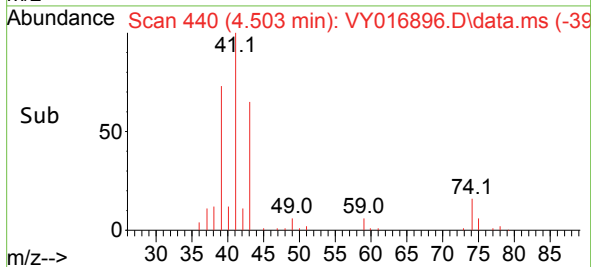
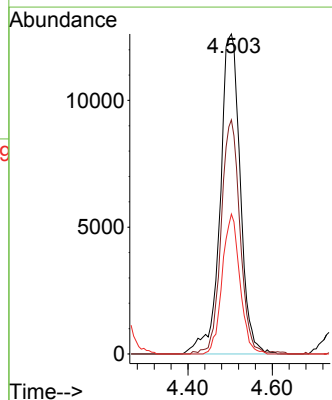
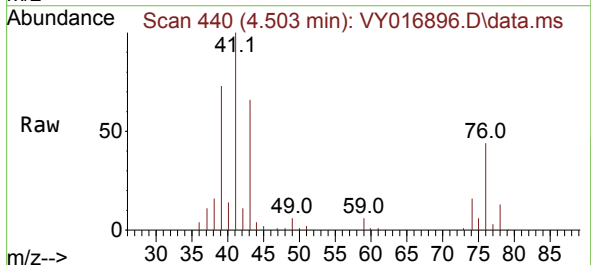


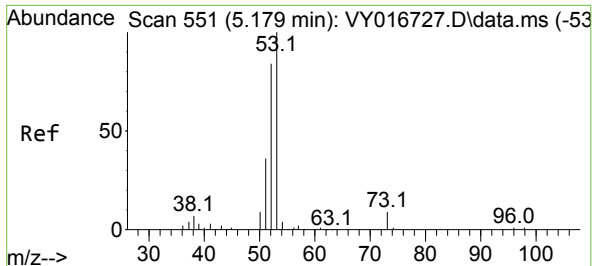
Tgt Ion: 56 Resp: 18267
Ion Ratio Lower Upper
56 100
55 72.1 55.4 83.0



#14
Allyl chloride
Concen: 19.777 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 41 Resp: 41517
Ion Ratio Lower Upper
41 100
39 68.7 54.7 82.1
76 38.6 31.8 47.6

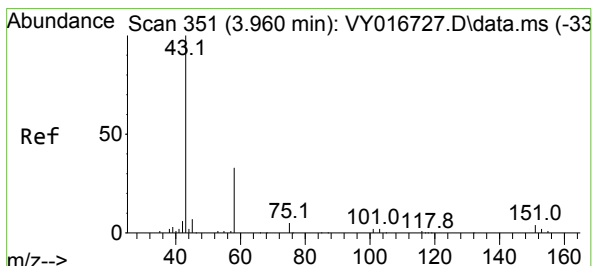
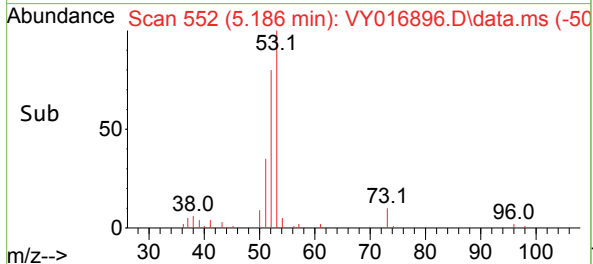
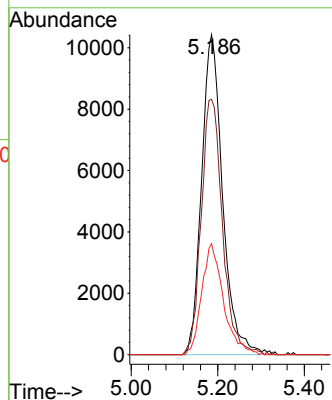
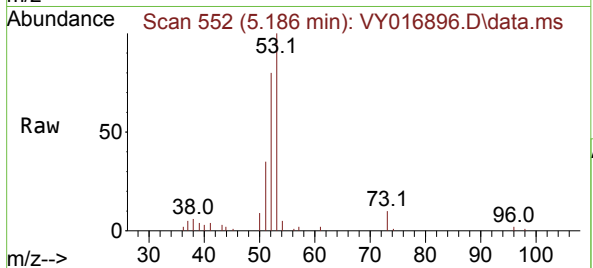




#15
Acrylonitrile
Concen: 98.957 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

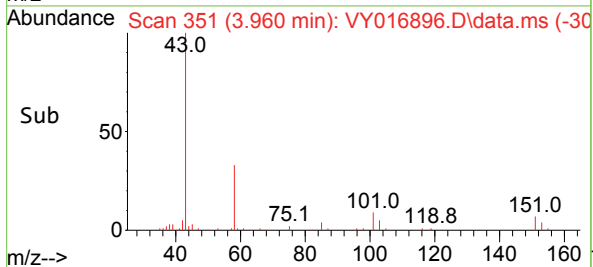
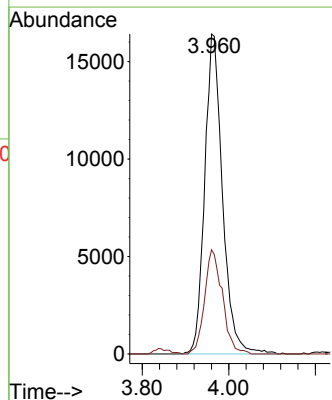
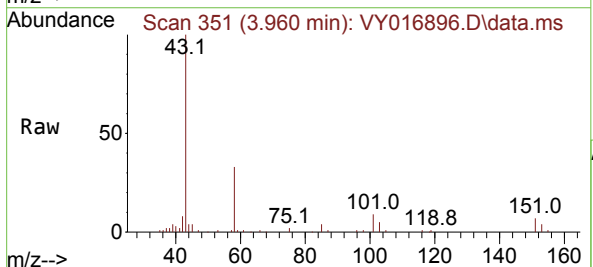
Instrument :
MSVOA_Y
ClientSampleId :

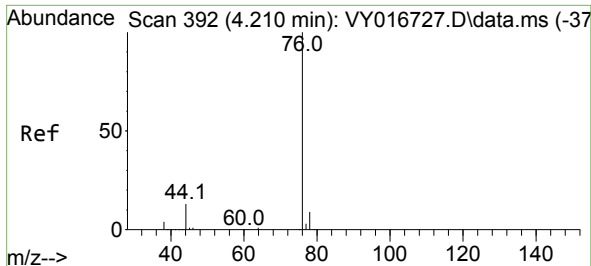
Tgt Ion: 53	Resp:	35210
Ion	Ratio	Lower Upper
53	100	
52	80.4	65.1 97.7
51	35.9	29.0 43.4



#16
Acetone
Concen: 125.806 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 43	Resp:	46798
Ion	Ratio	Lower Upper
43	100	
58	32.5	26.6 39.8

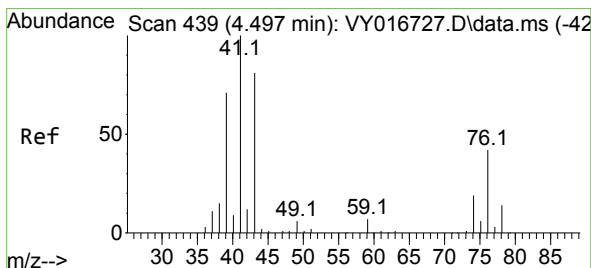
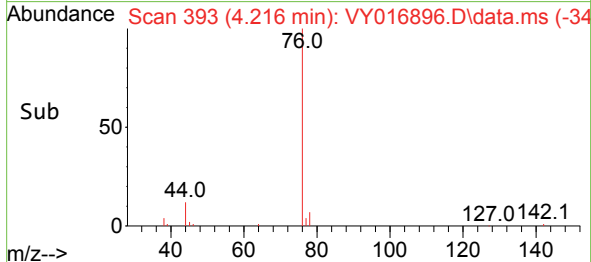
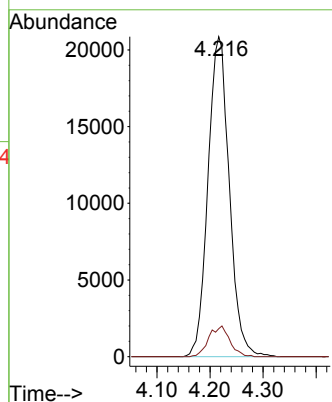
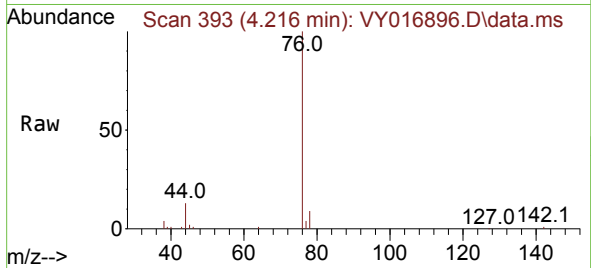




#17
Carbon Disulfide
Concen: 18.331 ug/l
RT: 4.216 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

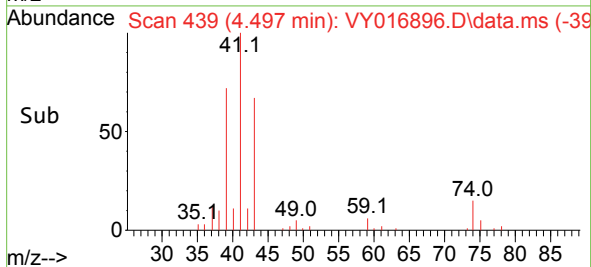
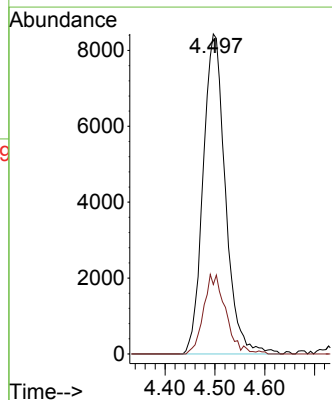
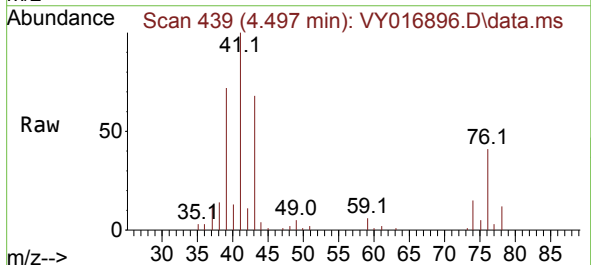
Instrument :
MSVOA_Y
ClientSampleId :

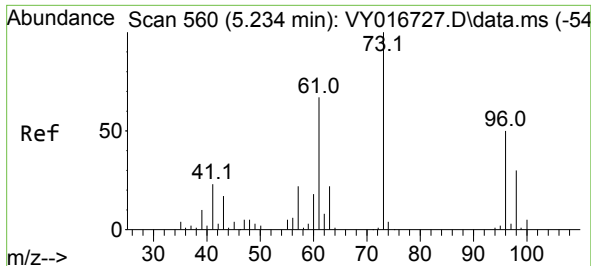
Tgt Ion: 76 Resp: 58161
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 17.762 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 43 Resp: 26222
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 19.891 ug/l

RT: 5.240 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

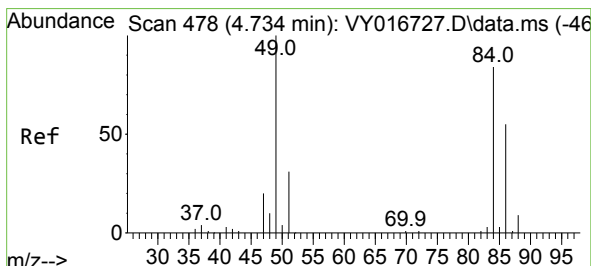
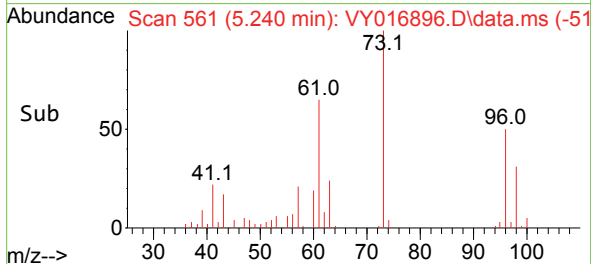
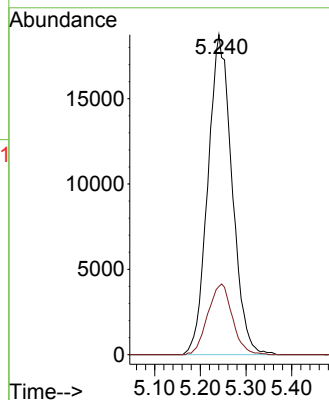
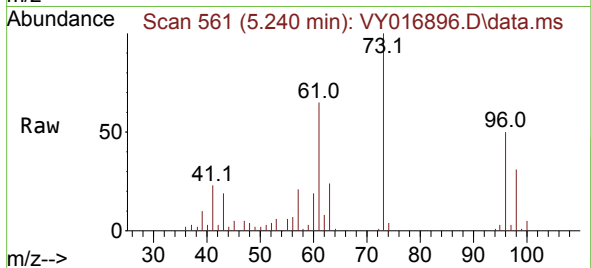
ClientSampleId :

Tgt Ion: 73 Resp: 68718

Ion Ratio Lower Upper

73 100

57 21.3 17.7 26.5



#20

Methylene Chloride

Concen: 30.192 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Tgt Ion: 84 Resp: 59707

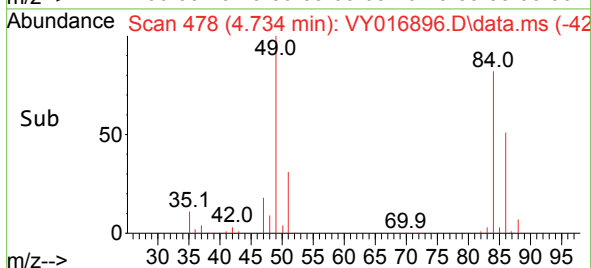
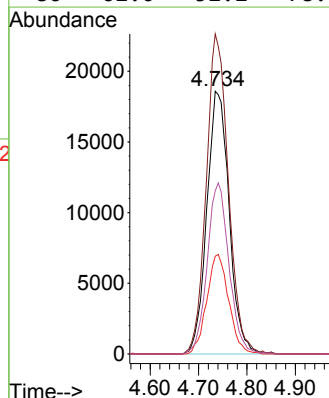
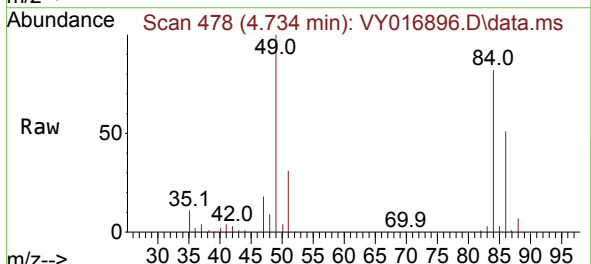
Ion Ratio Lower Upper

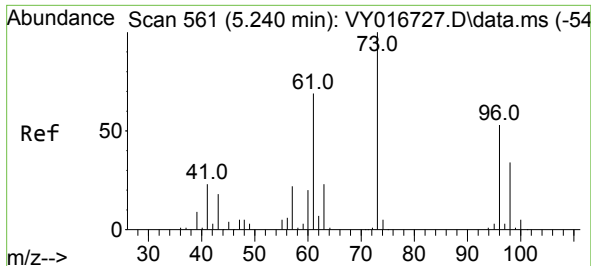
84 100

49 121.8 95.2 142.8

51 37.2 29.9 44.9

86 62.0 52.2 78.4

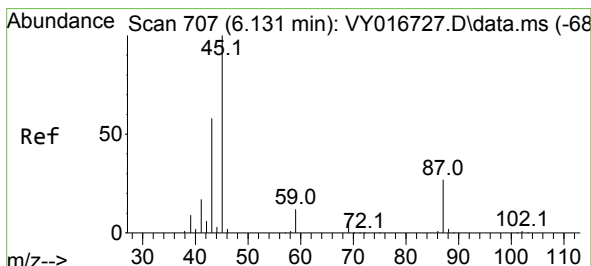
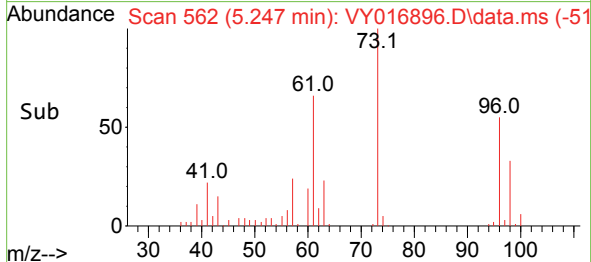
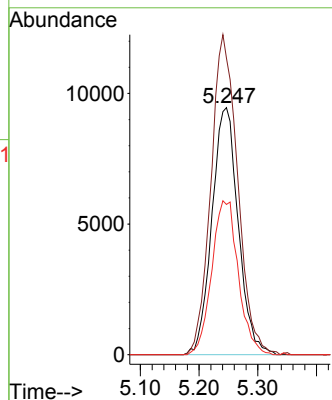
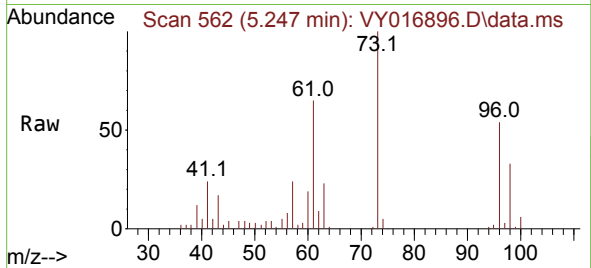




#21
trans-1,2-Dichloroethene
Concen: 19.361 ug/l
RT: 5.247 min Scan# 501
Delta R.T. 0.007 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

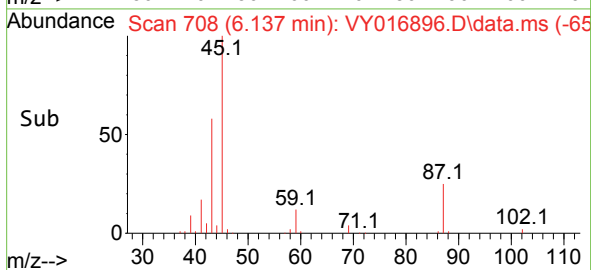
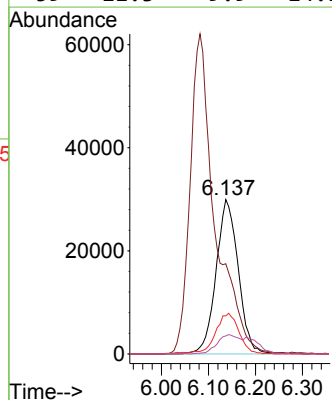
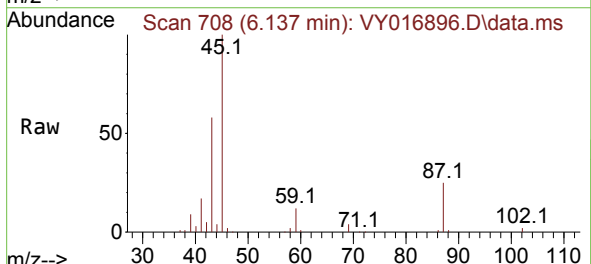
Instrument :
MSVOA_Y
ClientSampleId :

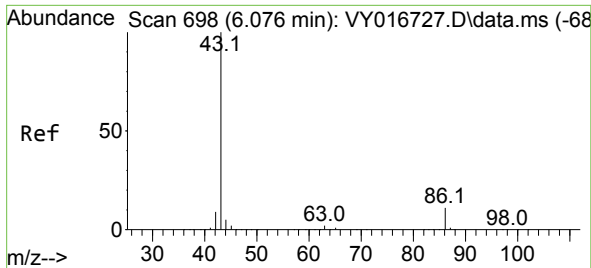
Tgt Ion: 96 Resp: 29445
Ion Ratio Lower Upper
96 100
61 120.1 104.6 156.8
98 60.8 50.9 76.3



#22
Diisopropyl ether
Concen: 20.257 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 45 Resp: 98311
Ion Ratio Lower Upper
45 100
43 57.5 46.8 70.2
87 24.6 22.2 33.2
59 11.3 9.9 14.9

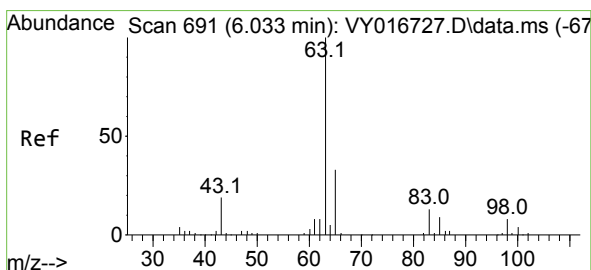
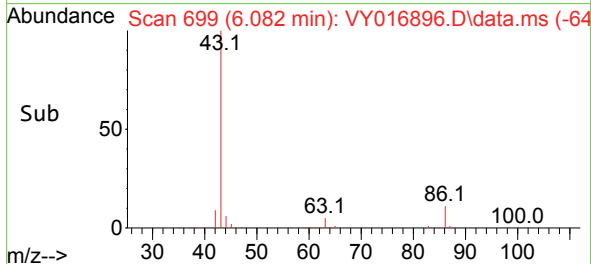
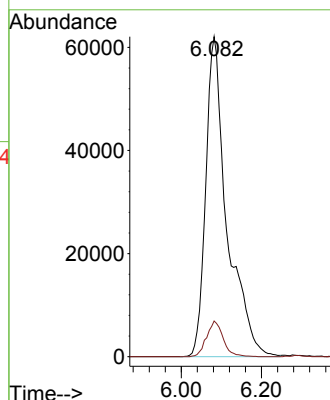
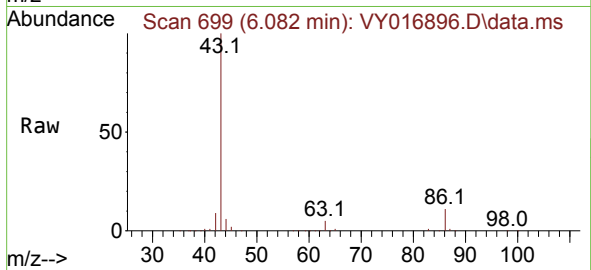




#23
 Vinyl Acetate
 Concen: 102.735 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016896.D
 Acq: 02 Jan 2024 15:58

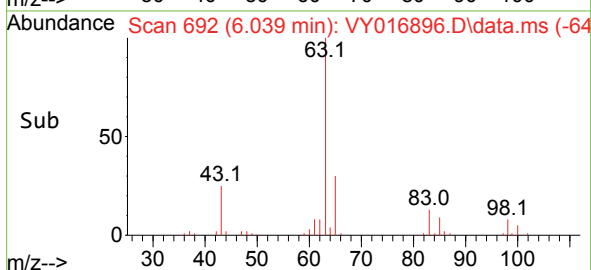
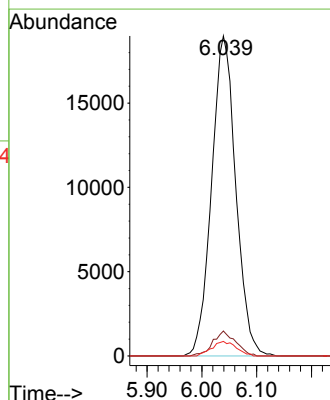
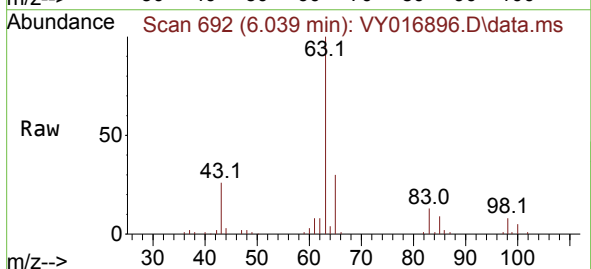
Instrument :
 MSVOA_Y
 ClientSampleId :

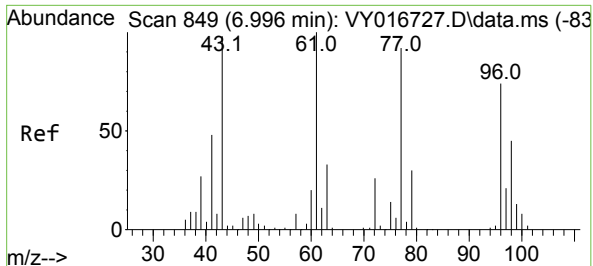
Tgt Ion: 43 Resp: 228621
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.958 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016896.D
 Acq: 02 Jan 2024 15:58

Tgt Ion: 63 Resp: 58207
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.4
 100 4.5 2.1 6.2





#25

2-Butanone

Concen: 113.737 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

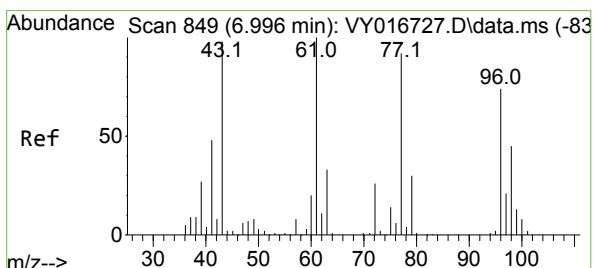
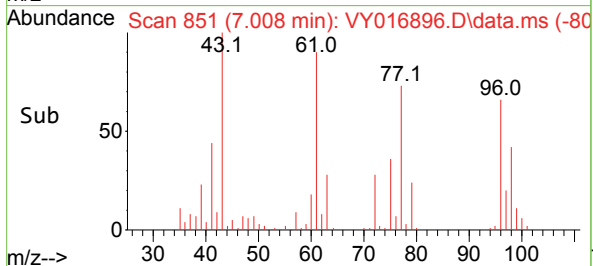
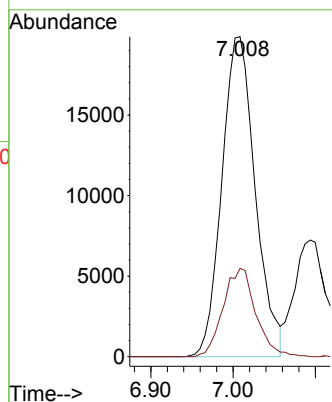
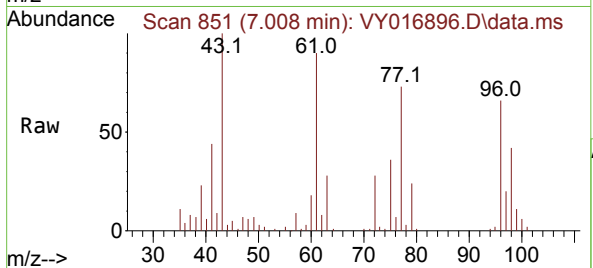
ClientSampleId :

Tgt Ion: 43 Resp: 55969

Ion Ratio Lower Upper

43 100

72 27.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.293 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016896.D

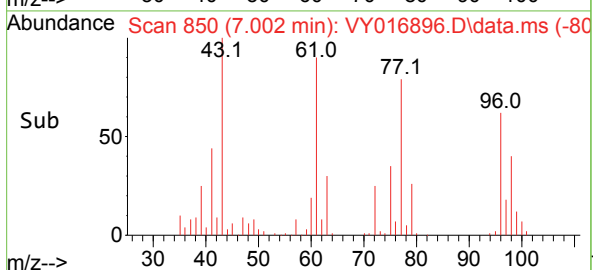
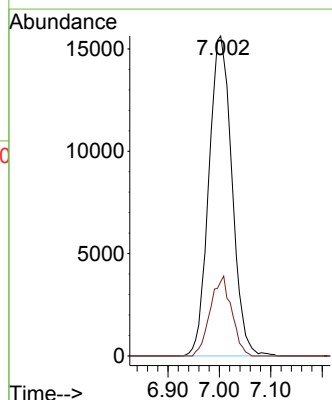
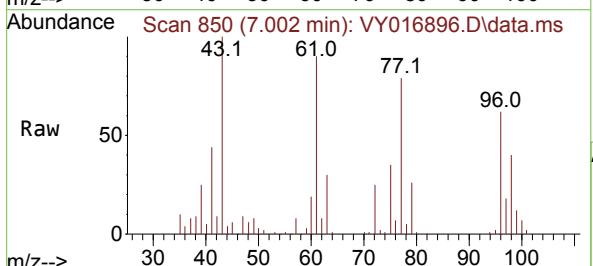
Acq: 02 Jan 2024 15:58

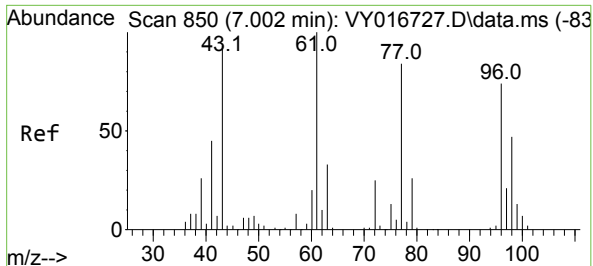
Tgt Ion: 77 Resp: 48788

Ion Ratio Lower Upper

77 100

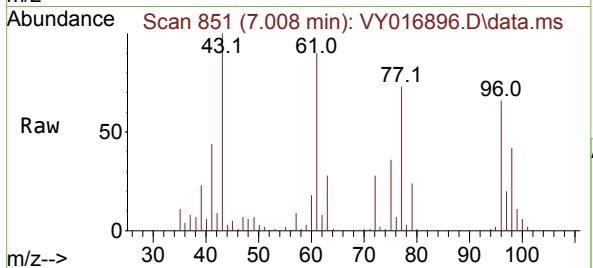
97 23.1 11.7 35.0



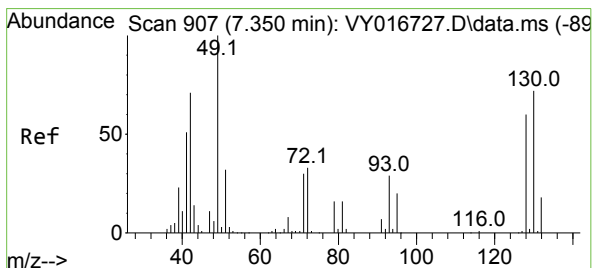
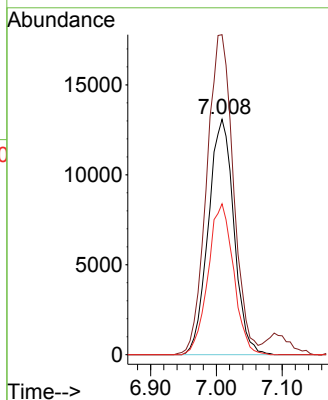
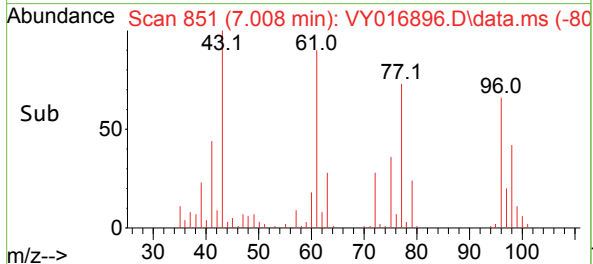


#27
cis-1,2-Dichloroethene
Concen: 19.907 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Instrument :
MSVOA_Y
ClientSampleId :

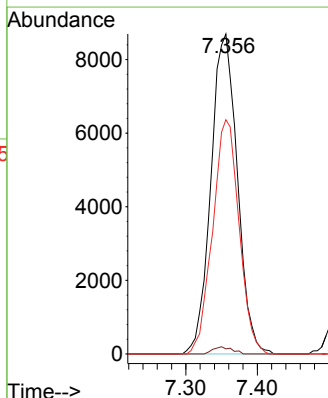
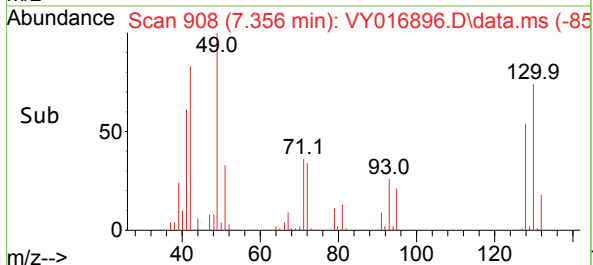
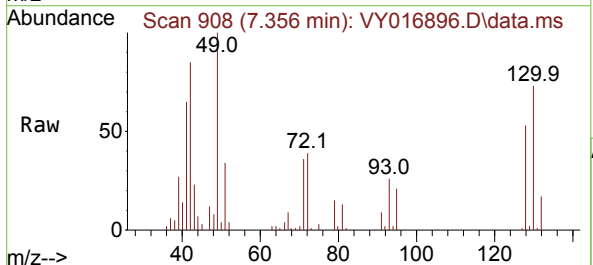


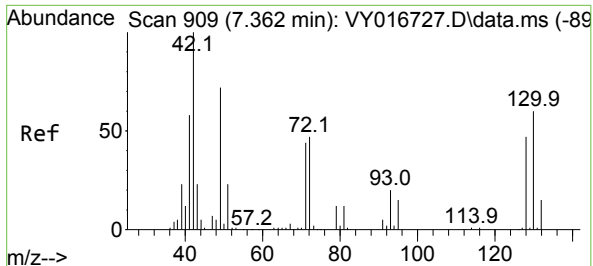
Tgt Ion: 96 Resp: 35490
Ion Ratio Lower Upper
96 100
61 141.5 0.0 278.8
98 63.8 0.0 127.0



#28
Bromochloromethane
Concen: 20.395 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 49 Resp: 22331
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.8
130 73.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 97.005 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

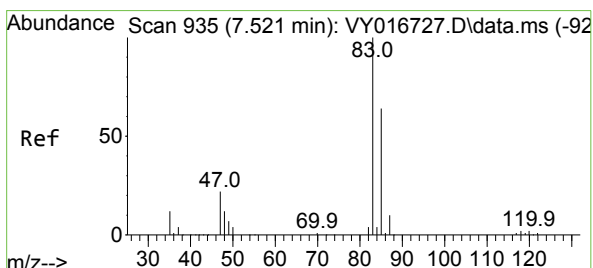
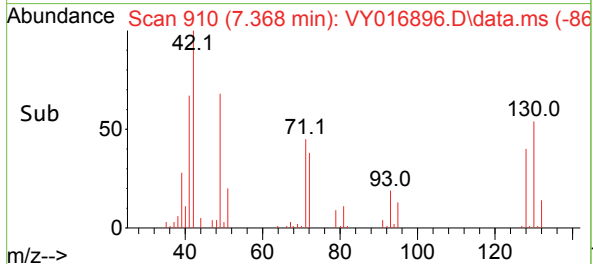
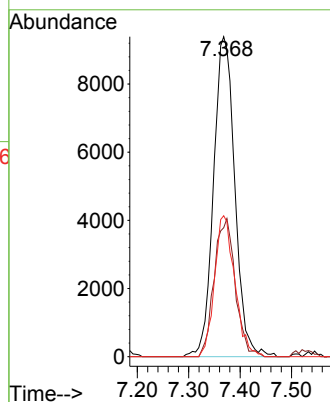
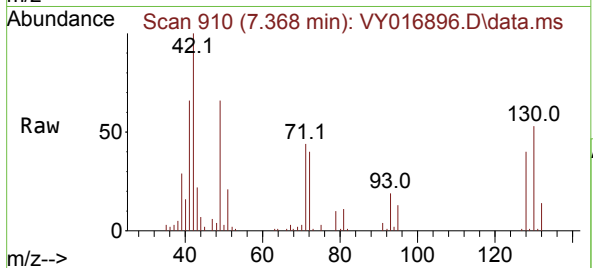
Tgt Ion: 42 Resp: 27054

Ion Ratio Lower Upper

42 100

72 42.7 36.6 54.8

71 41.9 33.8 50.6



#30

Chloroform

Concen: 19.758 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016896.D

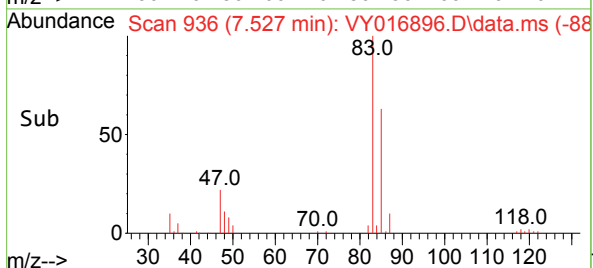
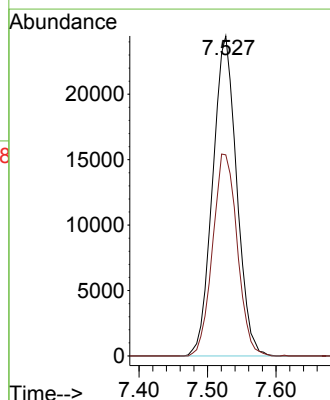
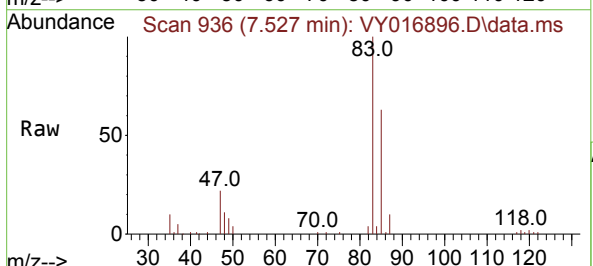
Acq: 02 Jan 2024 15:58

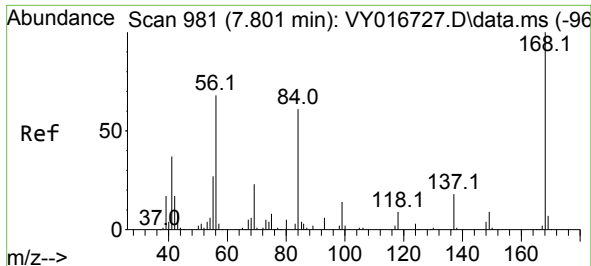
Tgt Ion: 83 Resp: 59383

Ion Ratio Lower Upper

83 100

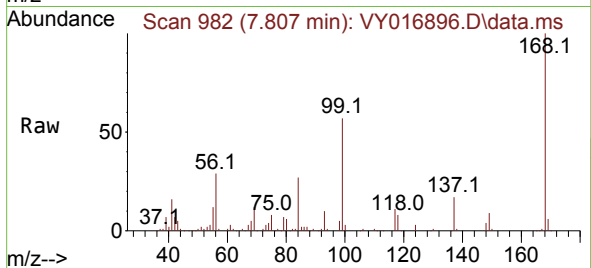
85 62.8 51.2 76.8



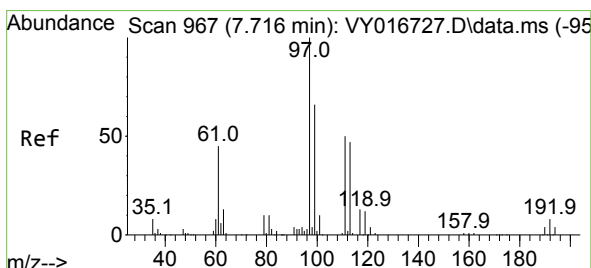
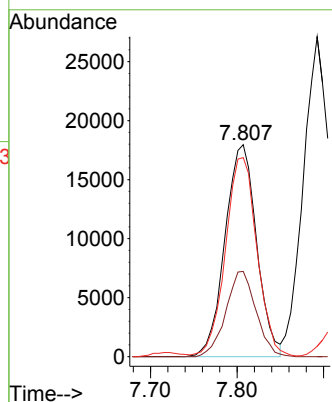
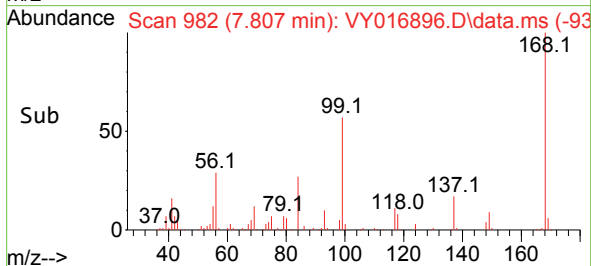


#31
Cyclohexane
Concen: 19.244 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Instrument :
MSVOA_Y
ClientSampleId :

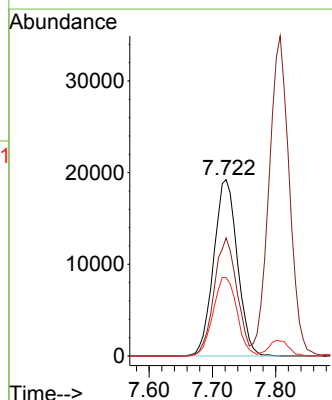
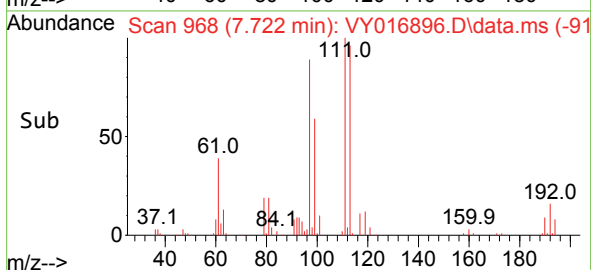
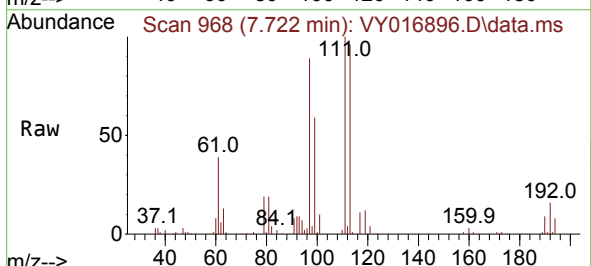


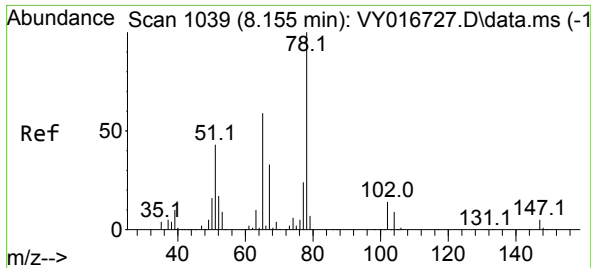
Tgt Ion: 56 Resp: 45513
Ion Ratio Lower Upper
56 100
69 40.3 27.0 40.6
84 92.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.627 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 97 Resp: 50016
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 44.7 35.0 52.6

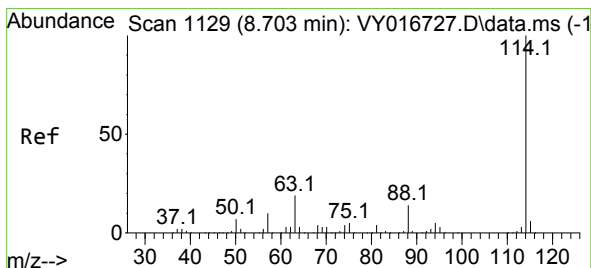
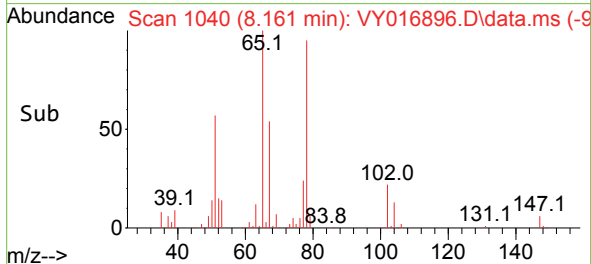
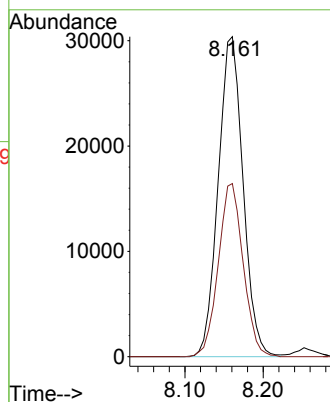
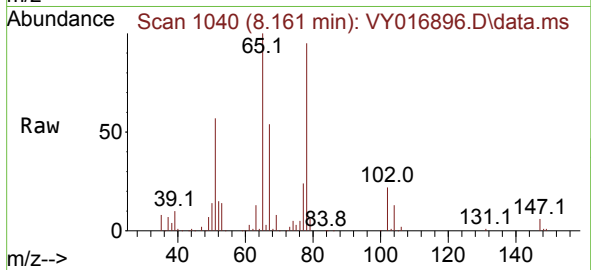




#33
1,2-Dichloroethane-d4
Concen: 48.619 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

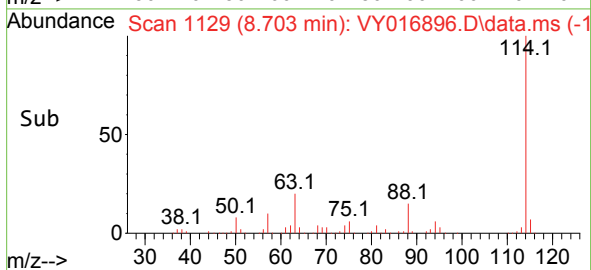
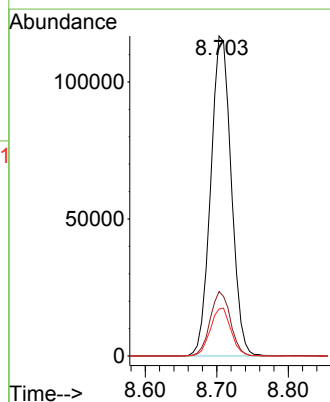
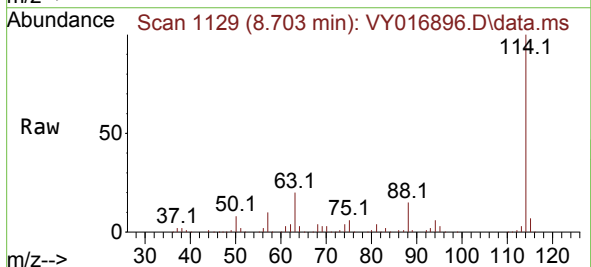
Instrument :
MSVOA_Y
ClientSampleId :

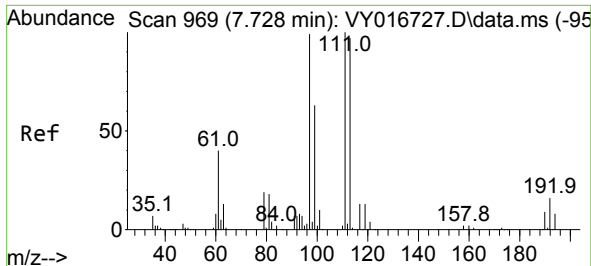
Tgt Ion: 65 Resp: 66995
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 114 Resp: 232443
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 14.7 0.0 29.0

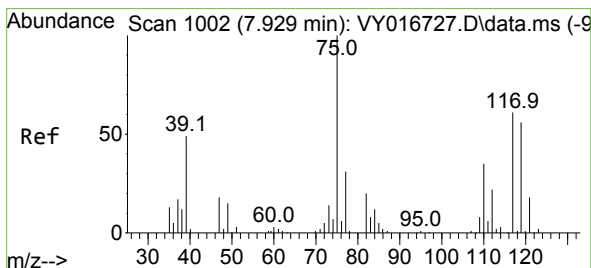
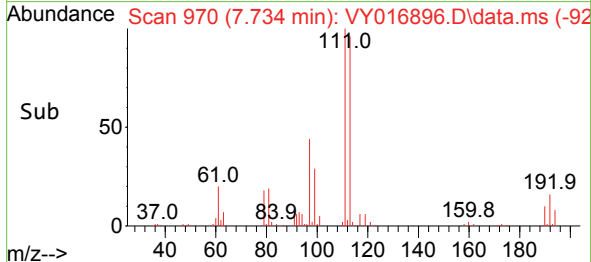
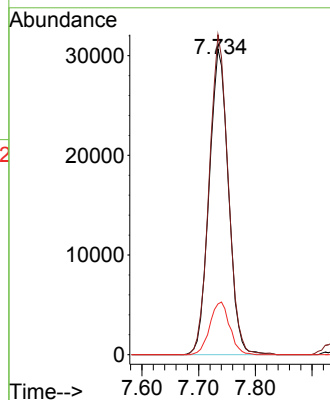
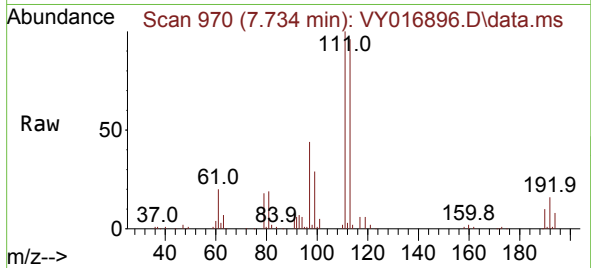




#35
Dibromofluoromethane
Concen: 48.961 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

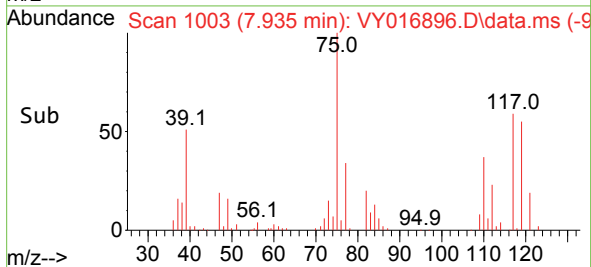
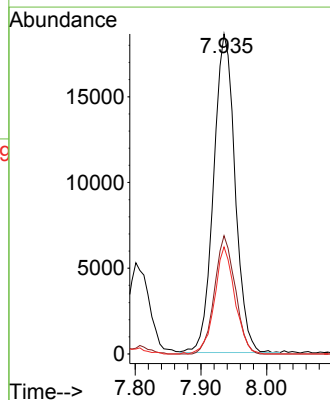
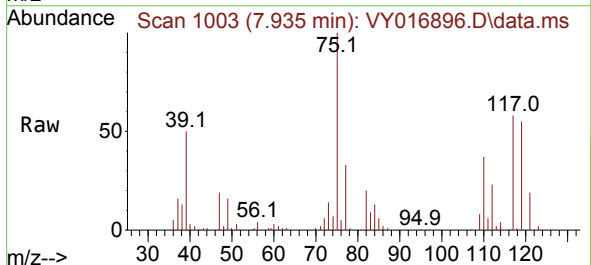
Instrument :
MSVOA_Y
ClientSampleId :

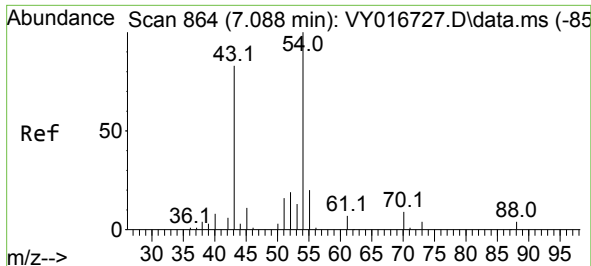
Tgt Ion:113 Resp: 72522
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 19.547 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 75 Resp: 42195
Ion Ratio Lower Upper
75 100
110 35.8 17.4 52.3
77 32.0 24.7 37.1





#37

Ethyl Acetate

Concen: 20.538 ug/l

RT: 7.094 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY016896.D

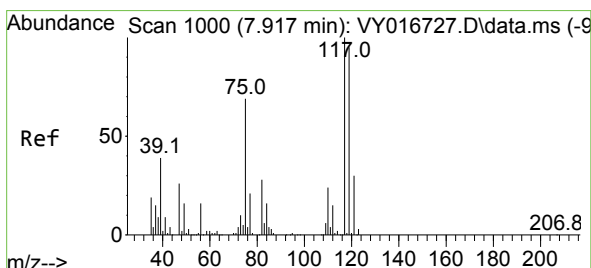
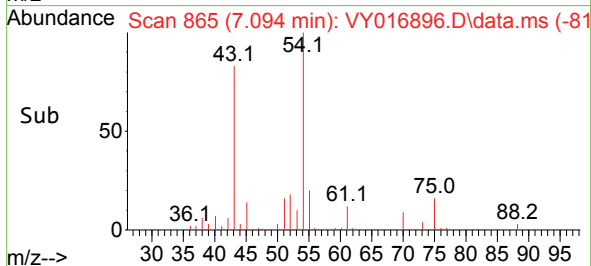
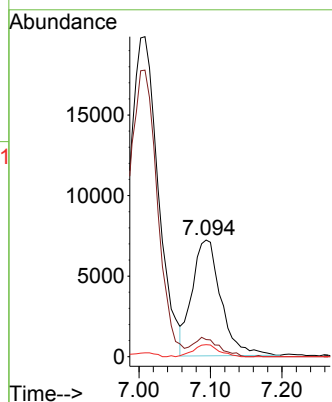
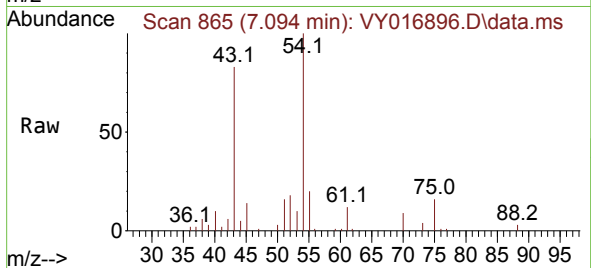
Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 20147
Ion Ratio	Lower Upper
43	100
61	15.0 11.0 16.6
70	9.3 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.922 ug/l

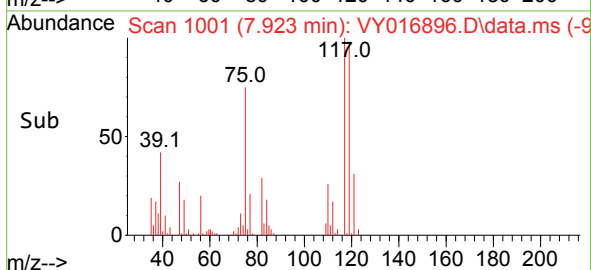
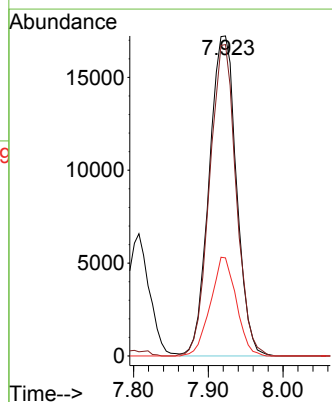
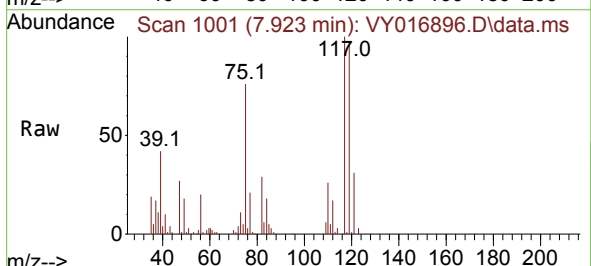
RT: 7.923 min Scan# 1001

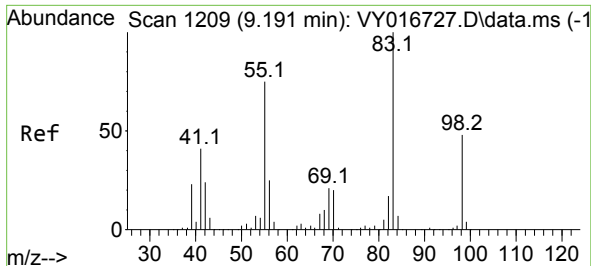
Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Tgt Ion: 117	Resp: 43693
Ion Ratio	Lower Upper
117	100
119	97.3 76.0 114.0
121	30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 19.109 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

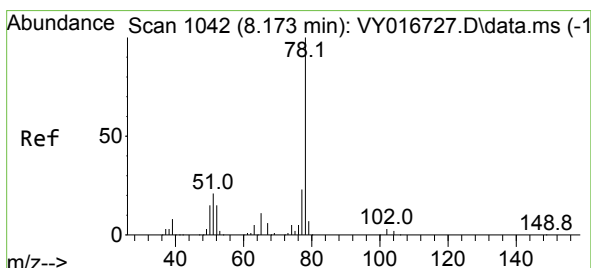
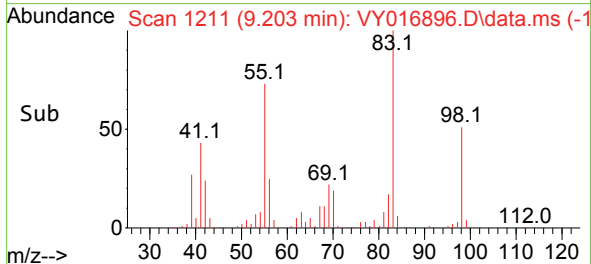
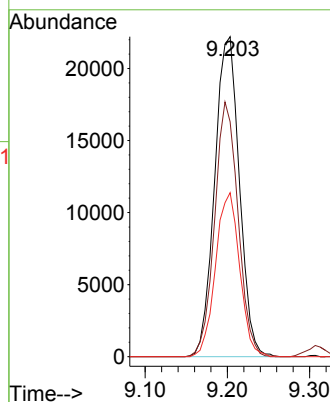
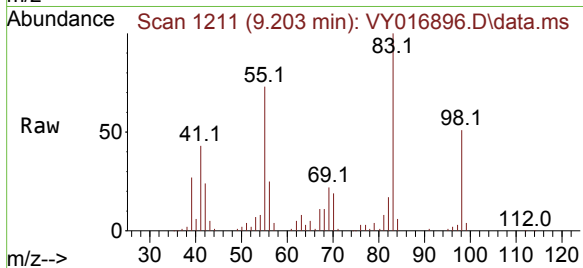
Tgt Ion: 83 Resp: 46373

Ion Ratio Lower Upper

83 100

55 73.4 59.7 89.5

98 51.2 38.0 57.0



#40

Benzene

Concen: 19.660 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016896.D

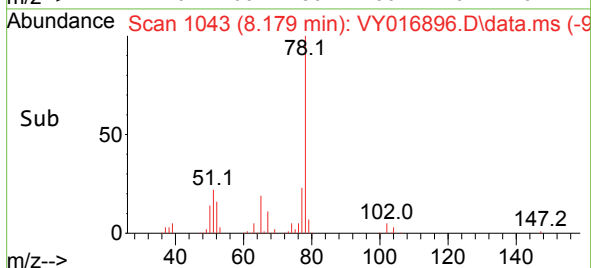
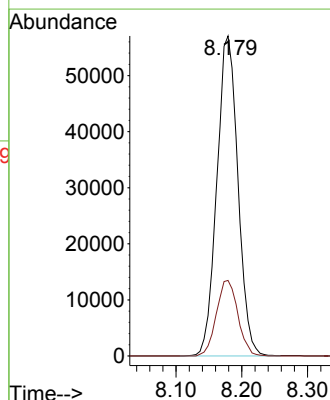
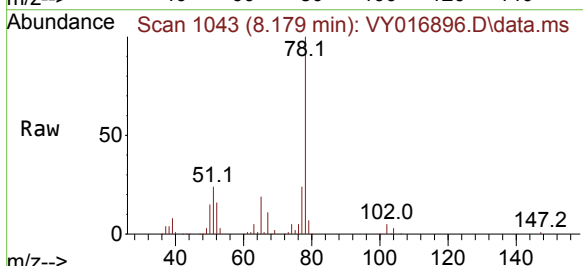
Acq: 02 Jan 2024 15:58

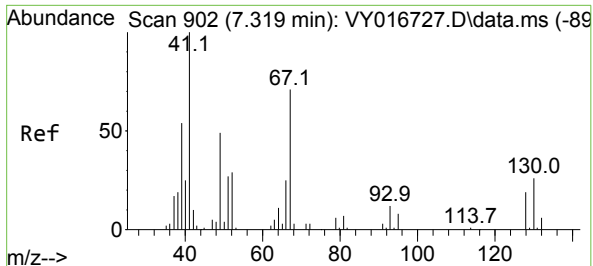
Tgt Ion: 78 Resp: 127310

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2

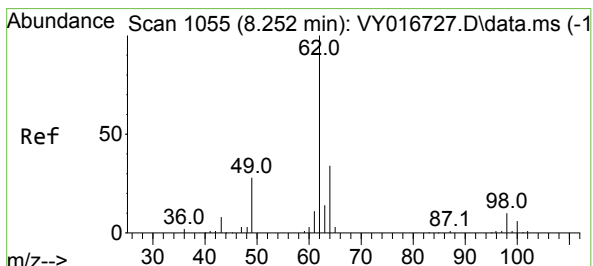
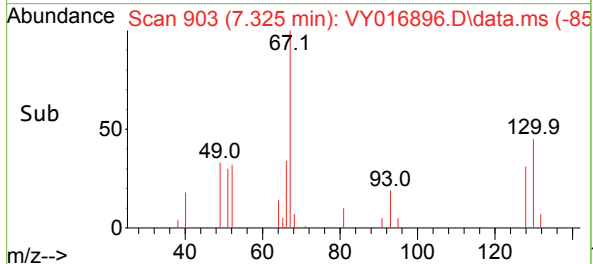
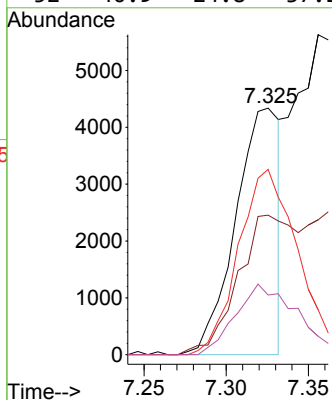
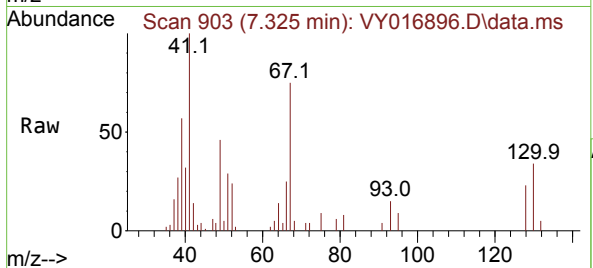




#41
Methacrylonitrile
Concen: 15.740 ug/l
RT: 7.325 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

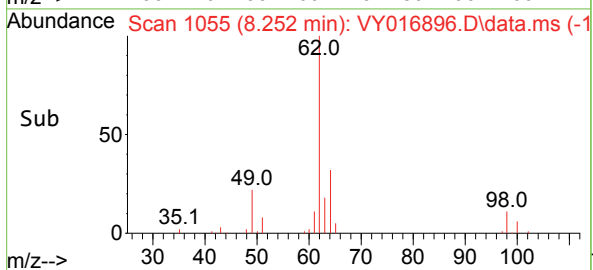
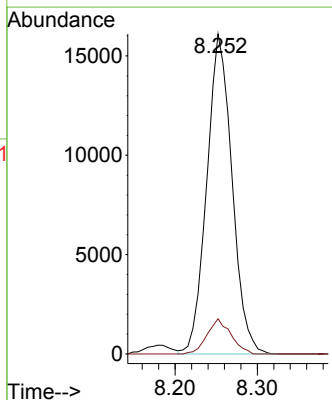
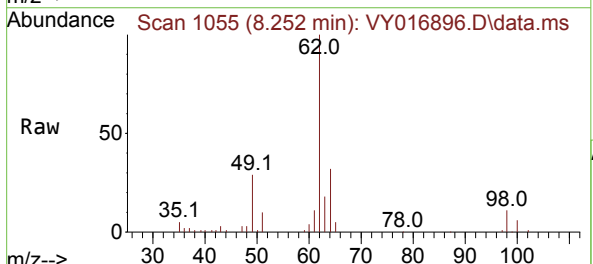
Instrument :
MSVOA_Y
ClientSampleId :

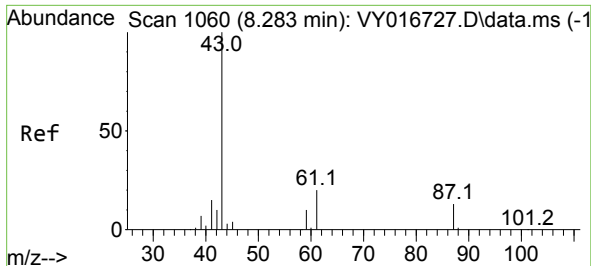
Tgt Ion:	41	Resp:	8132
Ion	Ratio	Lower	Upper
41	100		
39	74.0	41.9	62.9#
67	101.5	59.8	89.6#
52	40.9	24.8	37.2#



#42
1,2-Dichloroethane
Concen: 20.032 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion:	62	Resp:	34437
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2

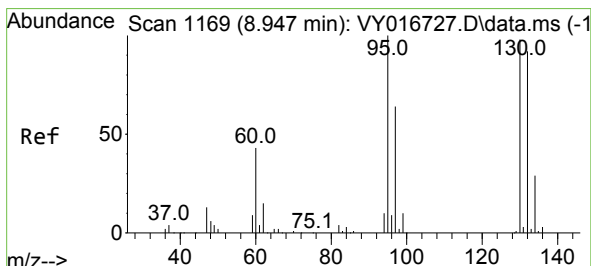
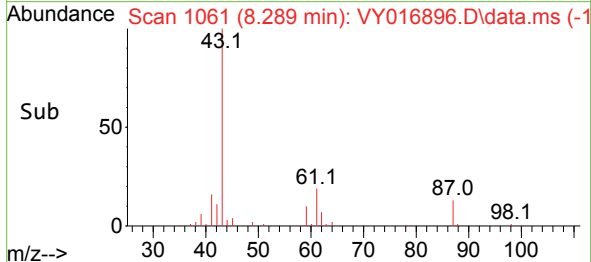
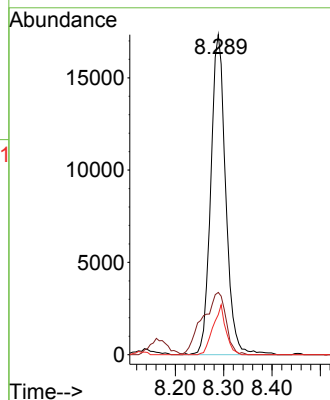
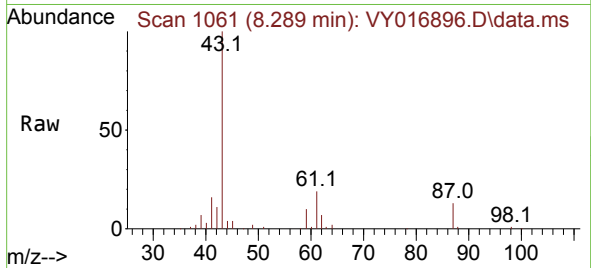




#43
Isopropyl Acetate
Concen: 19.758 ug/l
RT: 8.289 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

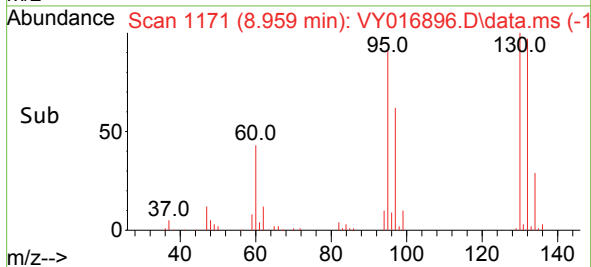
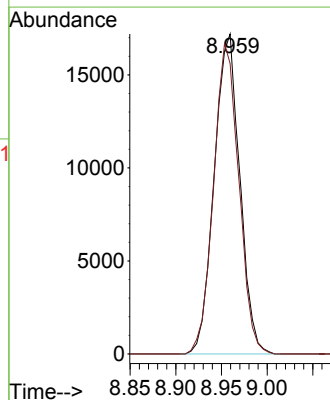
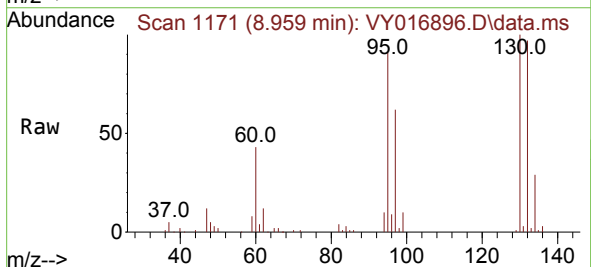
Instrument :
MSVOA_Y
ClientSampleId :

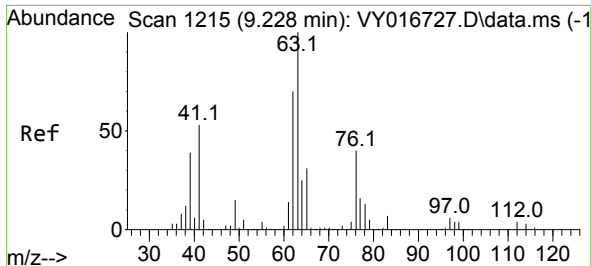
Tgt Ion: 43 Resp: 37117
Ion Ratio Lower Upper
43 100
61 30.3 24.8 37.2
87 13.4 10.7 16.1



#44
Trichloroethene
Concen: 20.269 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.012 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 130 Resp: 33399
Ion Ratio Lower Upper
130 100
95 90.8 0.0 203.8

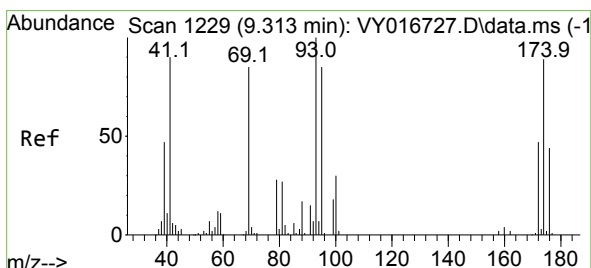
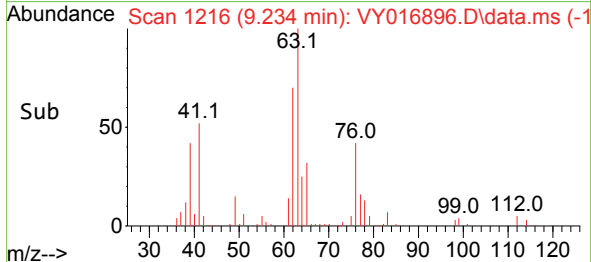
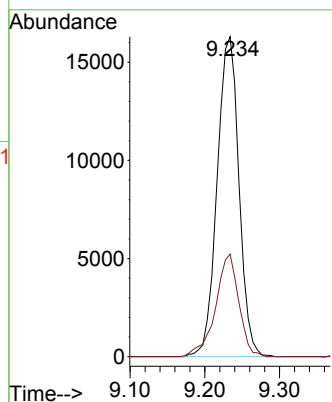
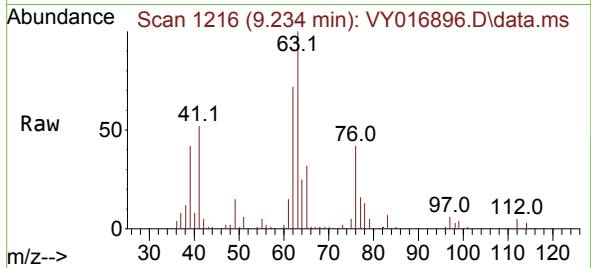




#45
1,2-Dichloropropane
Concen: 19.833 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

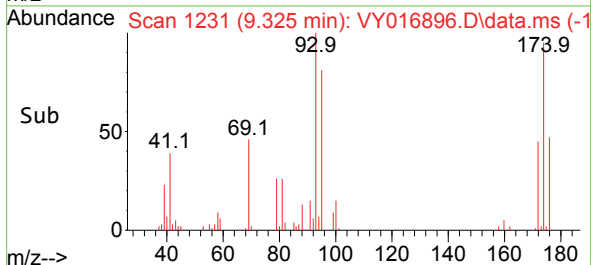
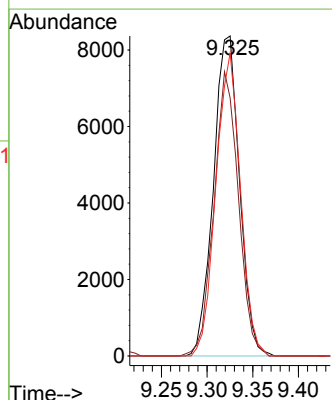
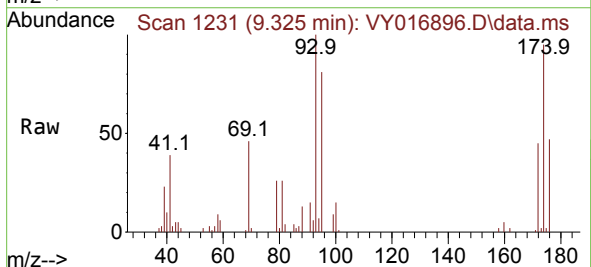
Instrument :
MSVOA_Y
ClientSampleId :

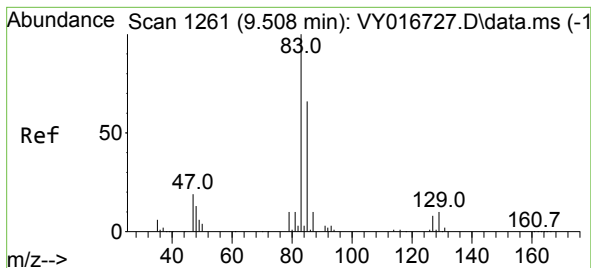
Tgt Ion: 63 Resp: 33086
Ion Ratio Lower Upper
63 100
65 32.0 24.6 36.8



#46
Dibromomethane
Concen: 19.524 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 93 Resp: 16611
Ion Ratio Lower Upper
93 100
95 83.5 66.6 99.8
174 89.0 73.8 110.6





#47

Bromodichloromethane

Concen: 19.846 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.006 min

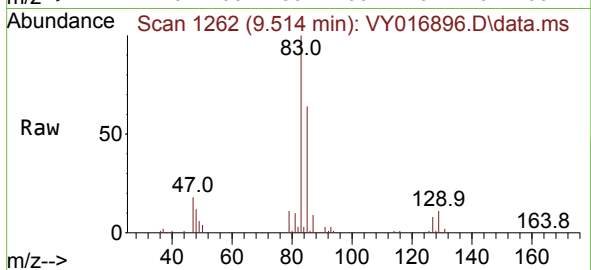
Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :



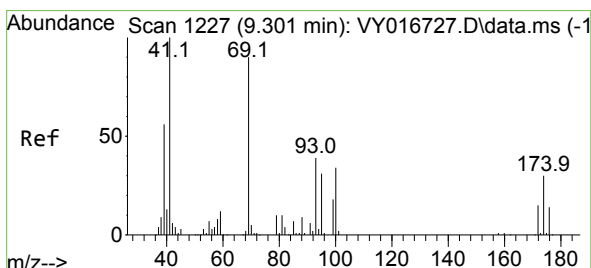
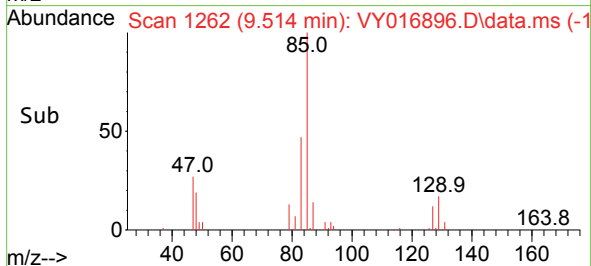
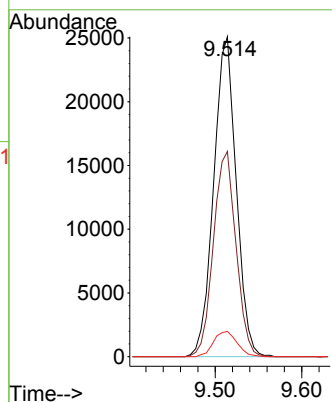
Tgt Ion: 83 Resp: 45343

Ion Ratio Lower Upper

83 100

85 64.2 53.2 79.8

127 7.9 6.4 9.6



#48

Methyl methacrylate

Concen: 18.668 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

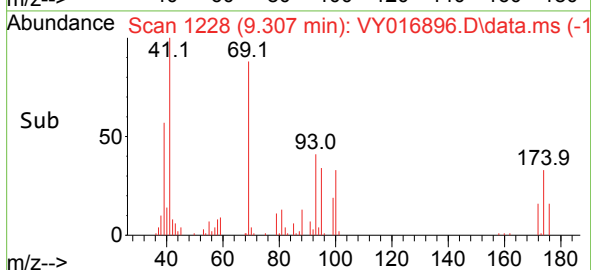
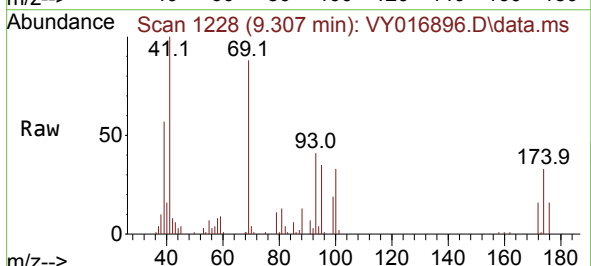
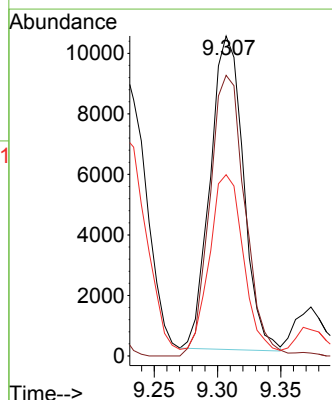
Tgt Ion: 41 Resp: 18926

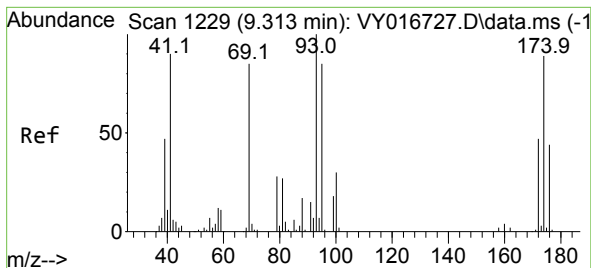
Ion Ratio Lower Upper

41 100

69 95.3 72.1 108.1

39 60.5 42.8 64.2





#49

1,4-Dioxane

Concen: 393.552 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

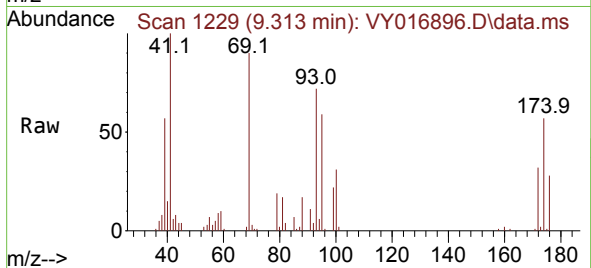
Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :



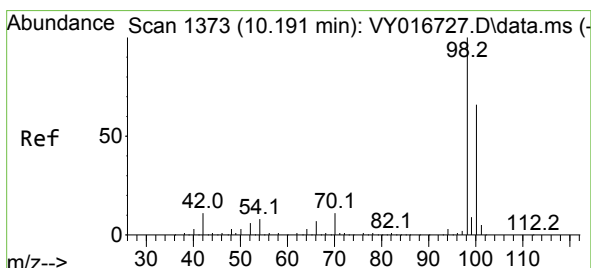
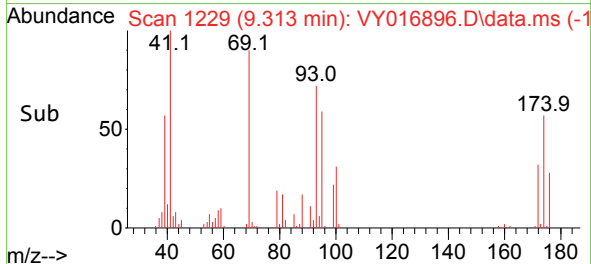
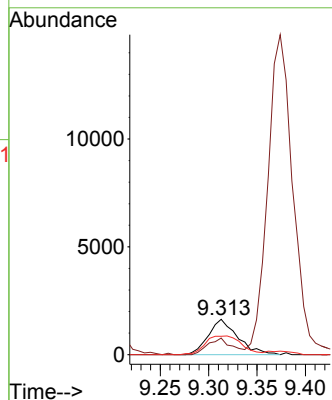
Tgt Ion: 88 Resp: 3467

Ion Ratio Lower Upper

88 100

43 39.1 28.2 42.4

58 65.5 52.2 78.2



#50

Toluene-d8

Concen: 50.914 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016896.D

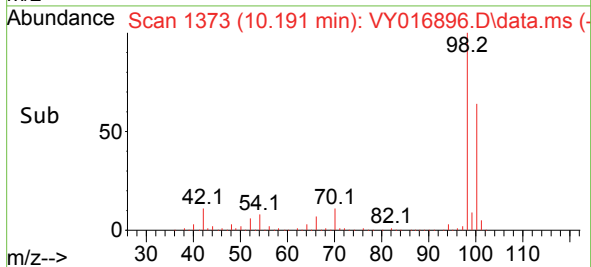
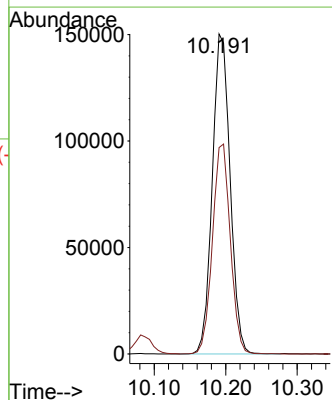
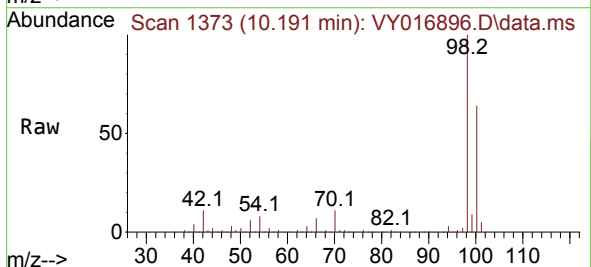
Acq: 02 Jan 2024 15:58

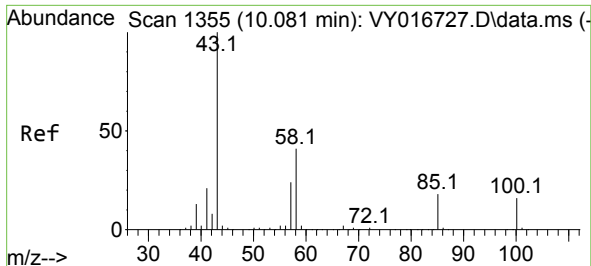
Tgt Ion: 98 Resp: 259689

Ion Ratio Lower Upper

98 100

100 65.9 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 99.028 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

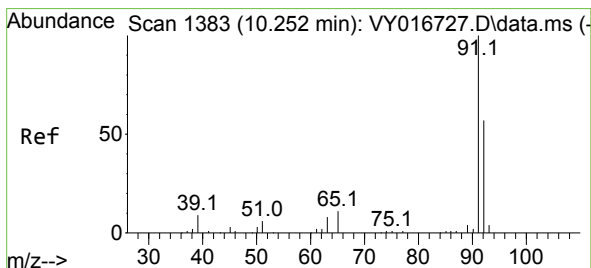
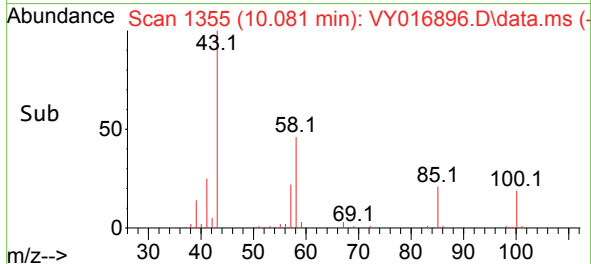
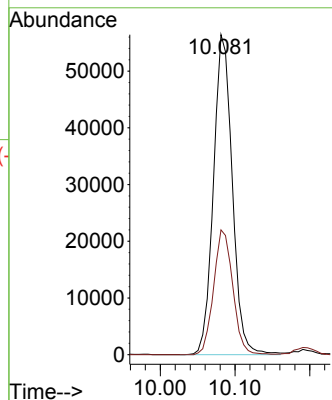
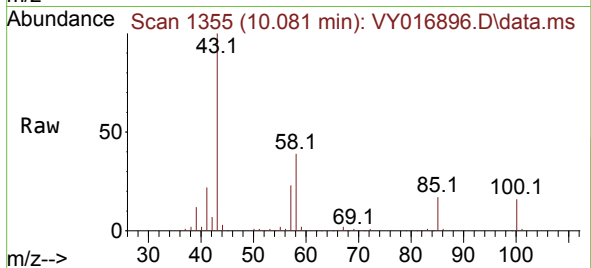
ClientSampleId :

Tgt Ion: 43 Resp: 98934

Ion Ratio Lower Upper

43 100

58 39.6 32.2 48.2



#52

Toluene

Concen: 20.177 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016896.D

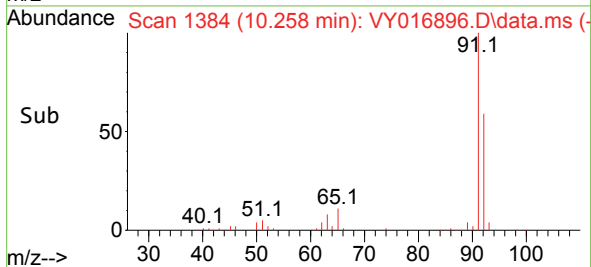
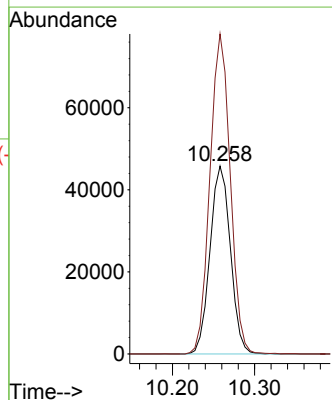
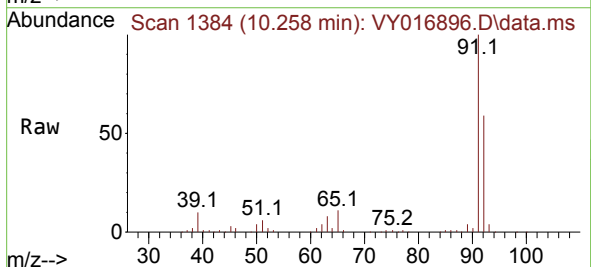
Acq: 02 Jan 2024 15:58

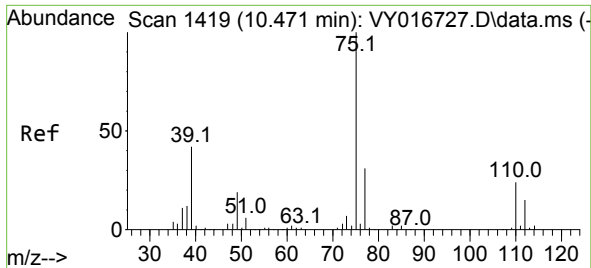
Tgt Ion: 92 Resp: 78851

Ion Ratio Lower Upper

92 100

91 169.7 137.6 206.4

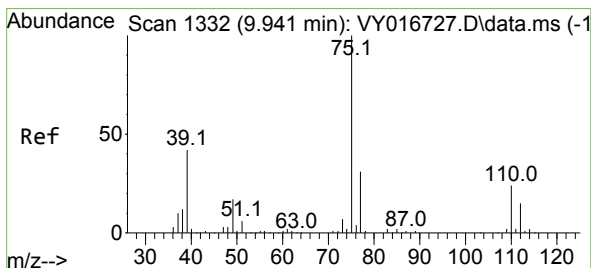
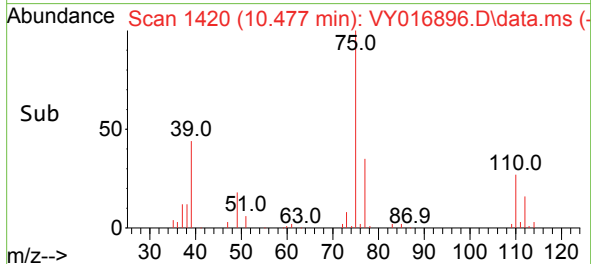
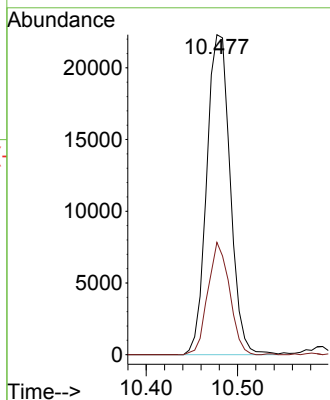
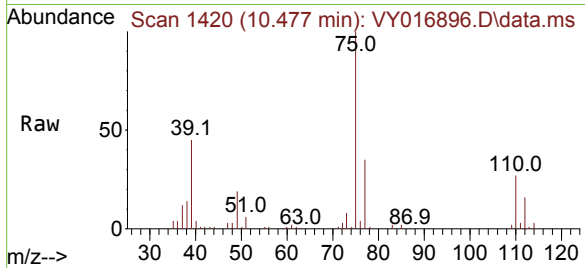




#53
 t-1,3-Dichloropropene
 Concen: 19.439 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016896.D
 Acq: 02 Jan 2024 15:58

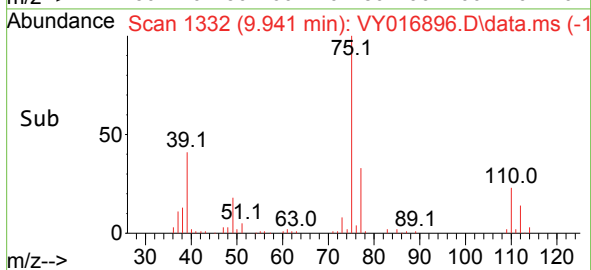
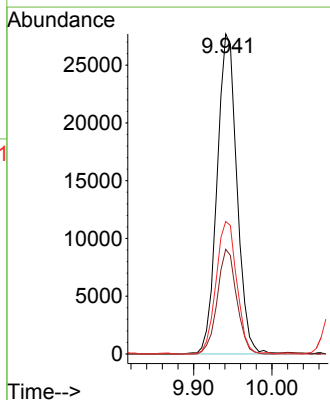
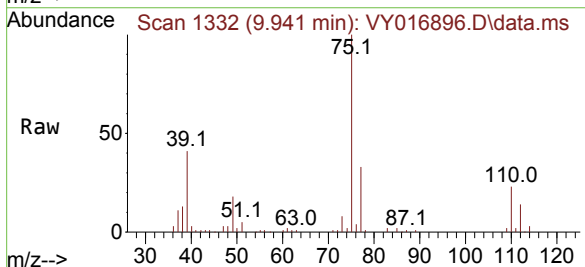
Instrument :
 MSVOA_Y
 ClientSampleId :

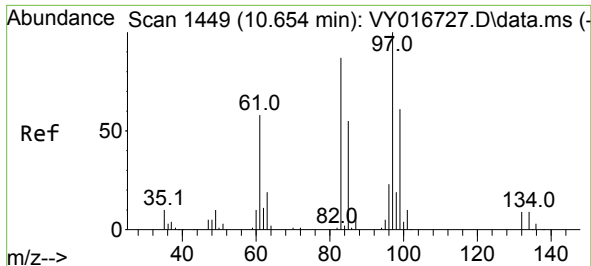
Tgt Ion: 75 Resp: 39782
 Ion Ratio Lower Upper
 75 100
 77 35.1 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.871 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016896.D
 Acq: 02 Jan 2024 15:58

Tgt Ion: 75 Resp: 48835
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.6 36.8
 39 41.4 33.6 50.4

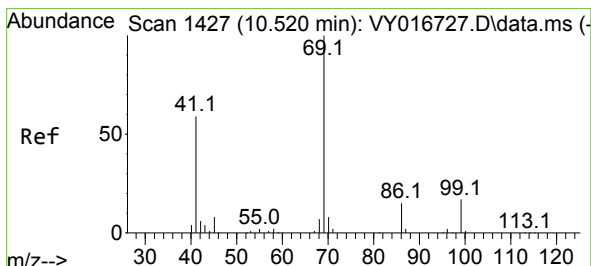
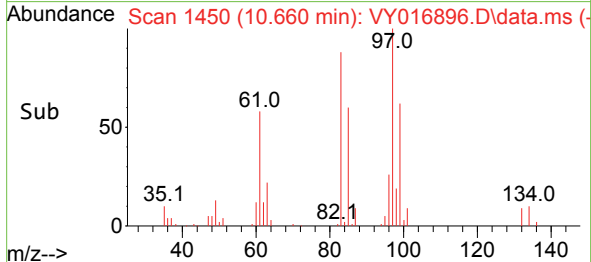
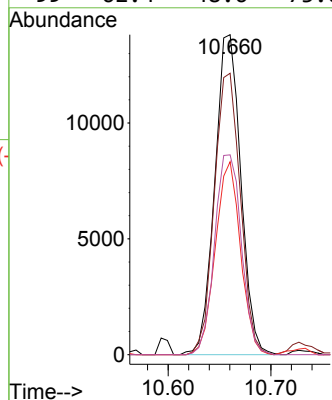
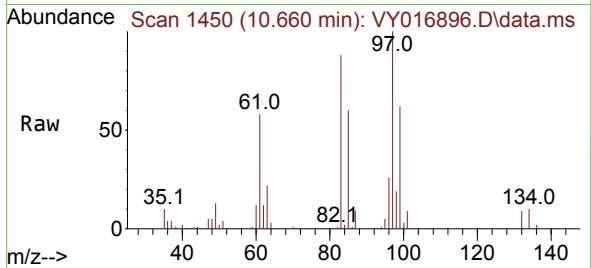




#55
1,1,2-Trichloroethane
Concen: 19.568 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

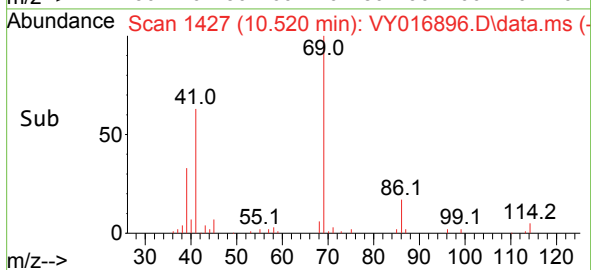
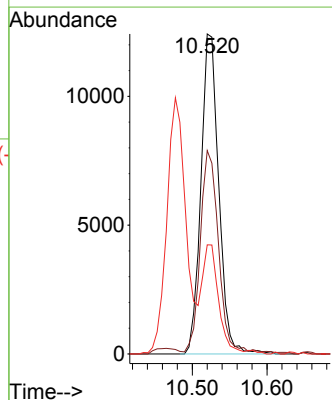
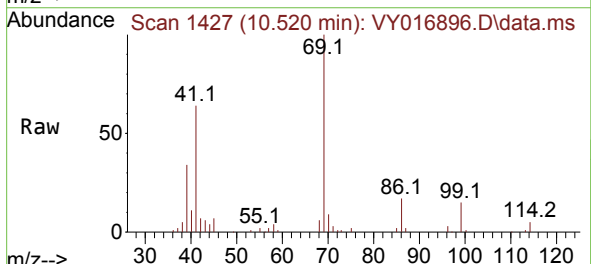
Instrument :
MSVOA_Y
ClientSampleId :

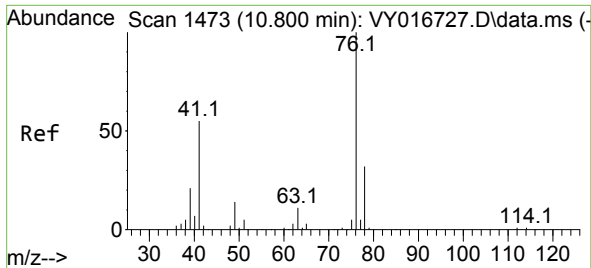
Tgt Ion: 97	Resp: 24322
Ion Ratio	Lower Upper
97	100
83	87.9 69.4 104.2
85	60.3 43.9 65.9
99	62.4 48.6 73.0



#56
Ethyl methacrylate
Concen: 19.540 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 69	Resp: 20572
Ion Ratio	Lower Upper
69	100
41	66.3 49.2 73.8
39	29.2 26.8 40.2

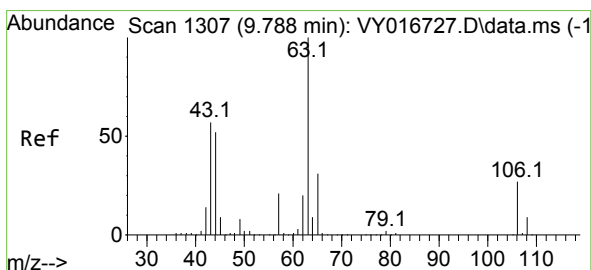
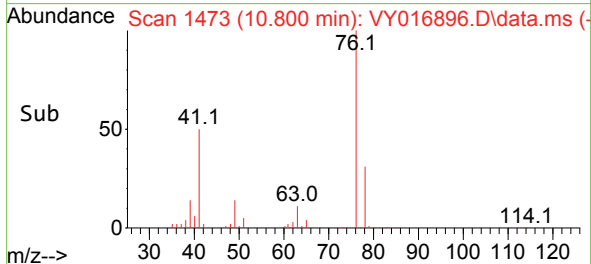
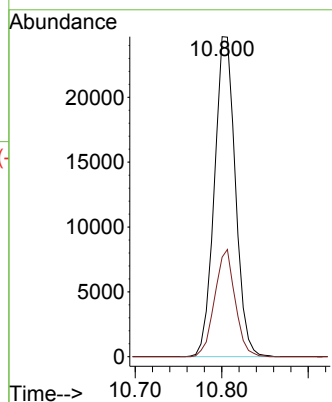
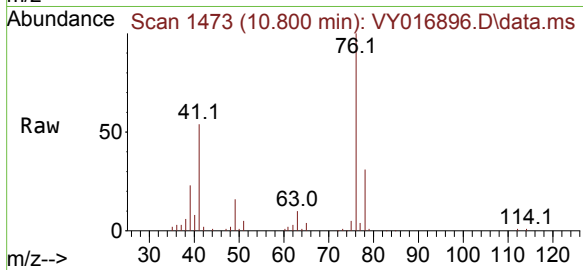




#57
1,3-Dichloropropane
Concen: 20.003 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

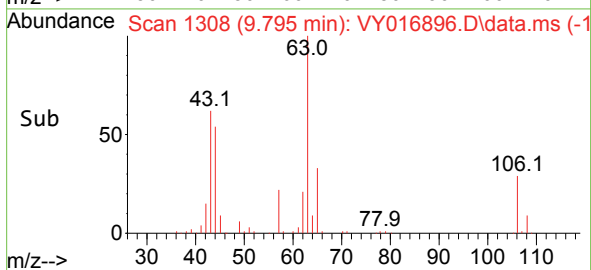
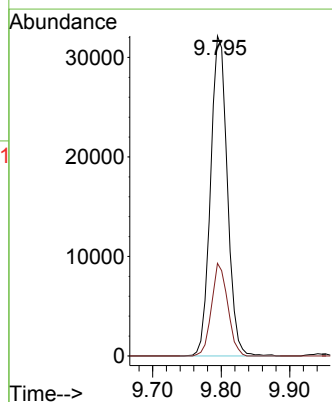
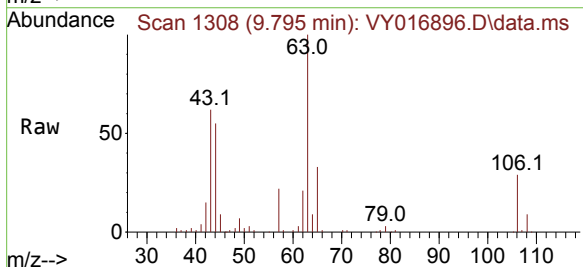
Instrument :
MSVOA_Y
ClientSampleId :

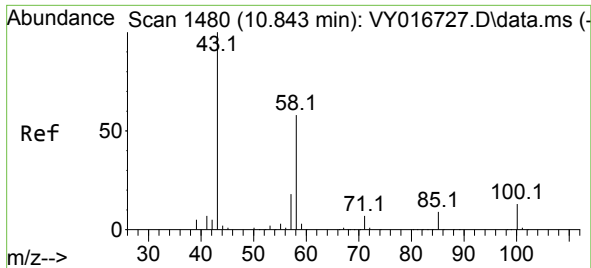
Tgt Ion: 76 Resp: 41511
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 94.187 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.007 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 63 Resp: 54658
Ion Ratio Lower Upper
63 100
106 27.9 22.4 33.6

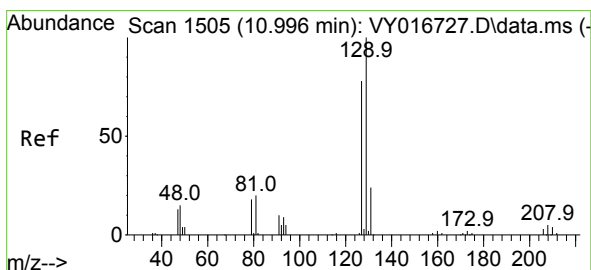
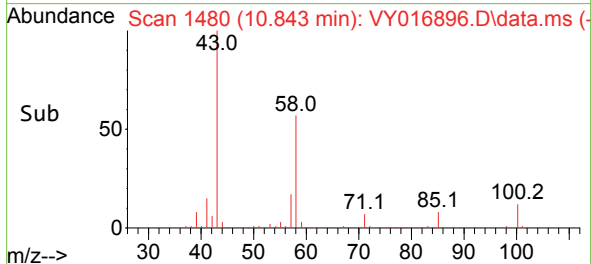
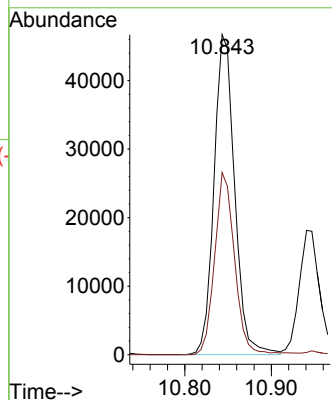
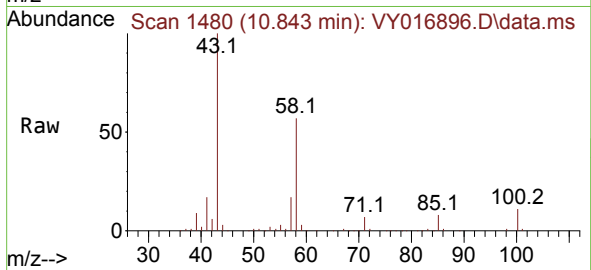




#59
2-Hexanone
Concen: 105.077 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

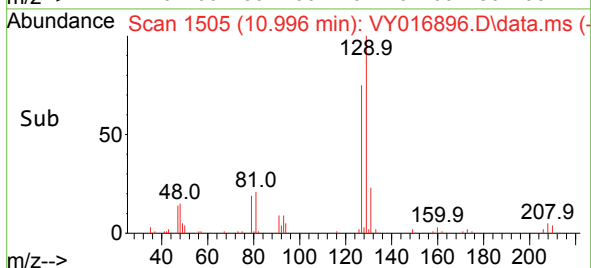
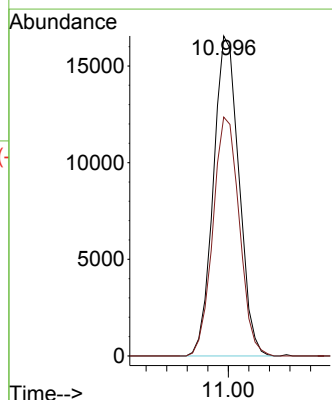
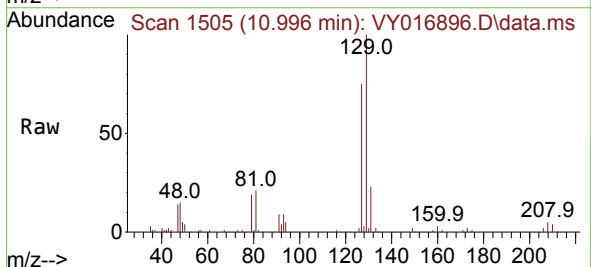
Instrument :
MSVOA_Y
ClientSampleId :

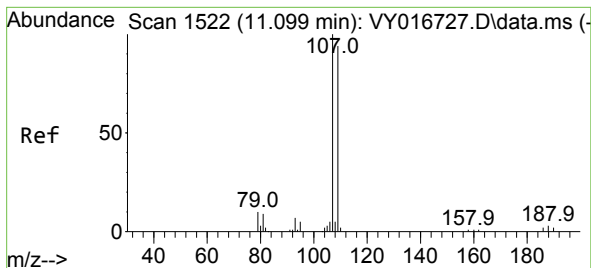
Tgt Ion: 43 Resp: 77298
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.3



#60
Dibromochloromethane
Concen: 19.925 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 129 Resp: 28561
Ion Ratio Lower Upper
129 100
127 77.0 39.2 117.6

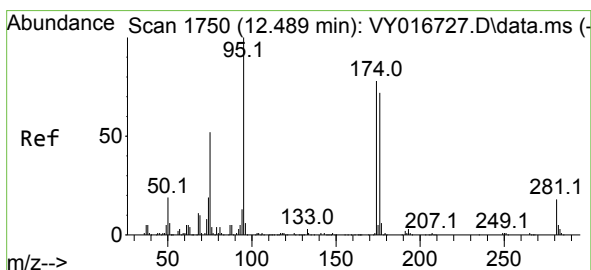
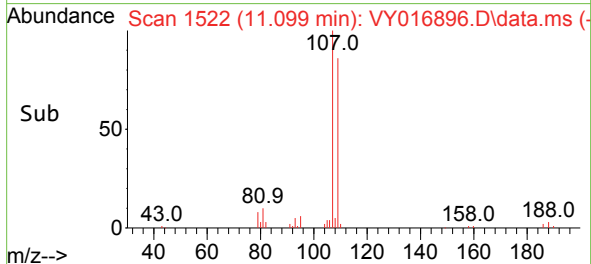
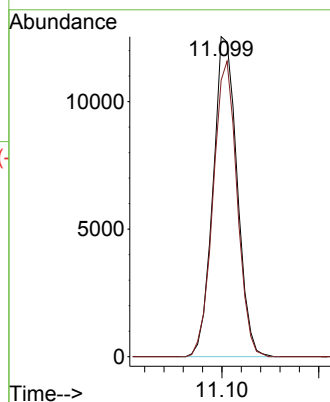
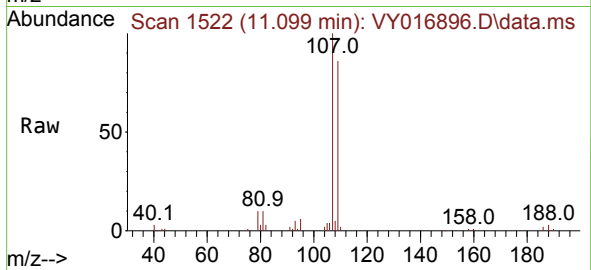




#61
1,2-Dibromoethane
Concen: 20.055 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

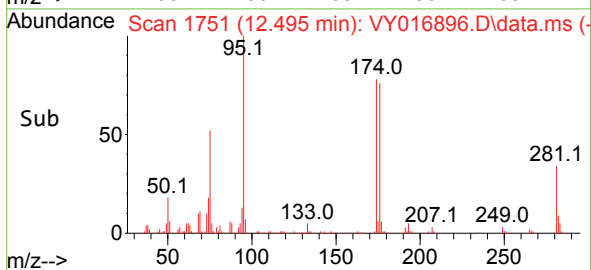
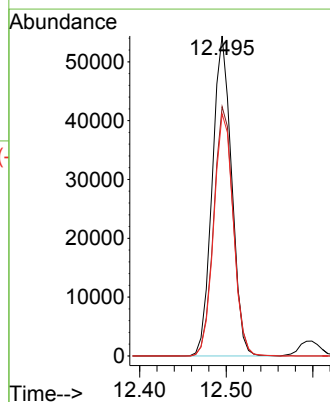
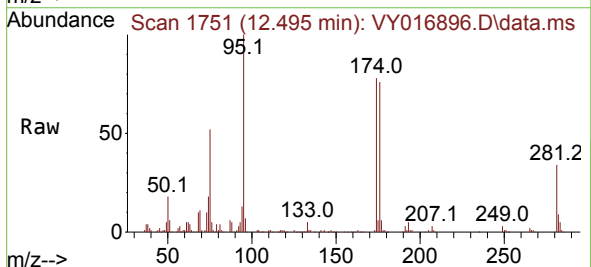
Instrument :
MSVOA_Y
ClientSampleId :

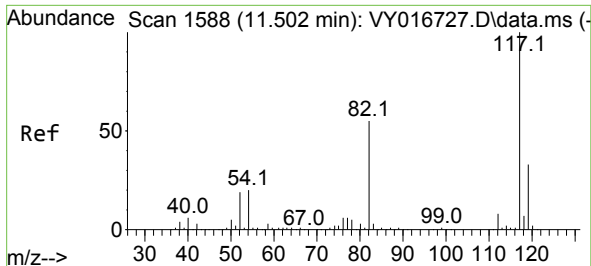
Tgt Ion:107 Resp: 21658
Ion Ratio Lower Upper
107 100
109 91.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 49.042 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 95 Resp: 84395
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 76.4 0.0 151.8

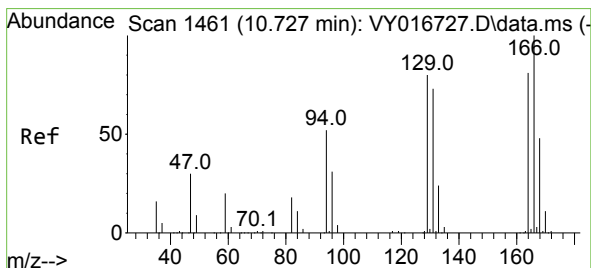
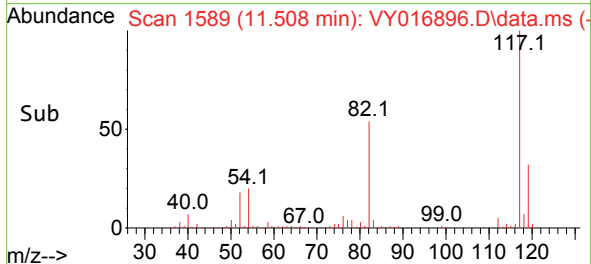
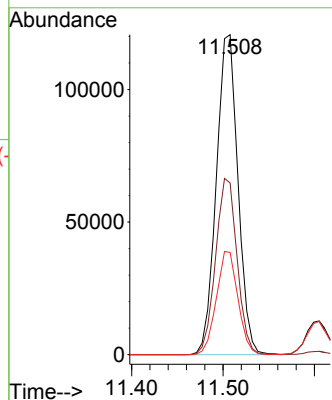
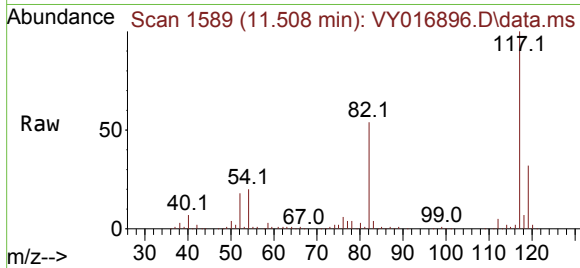




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

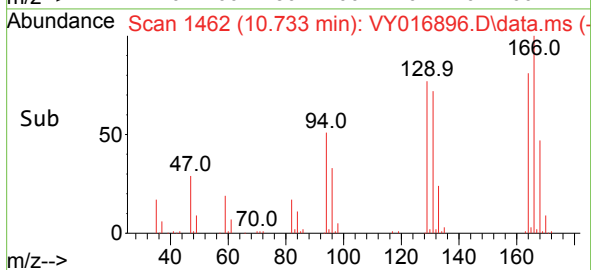
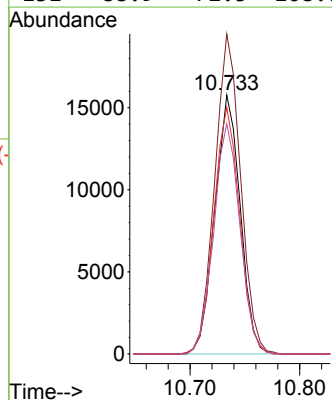
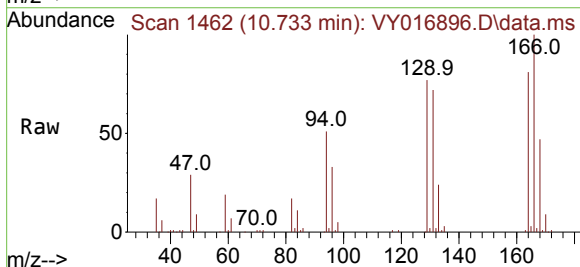
Instrument :
MSVOA_Y
ClientSampleId :

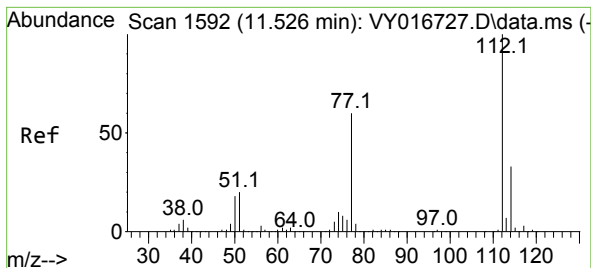
Tgt Ion:117 Resp: 198749
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.8
119 32.0 26.5 39.7



#64
Tetrachloroethene
Concen: 19.793 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion:164 Resp: 25504
Ion Ratio Lower Upper
164 100
166 123.6 98.8 148.2
129 95.3 78.9 118.3
131 88.9 72.5 108.7





#65

Chlorobenzene

Concen: 19.707 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

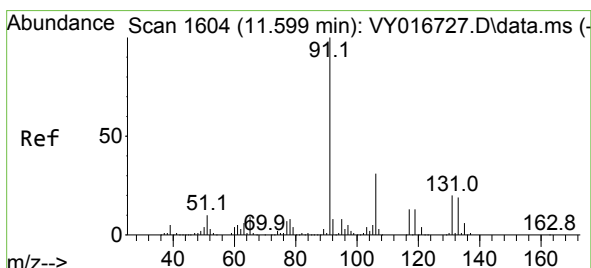
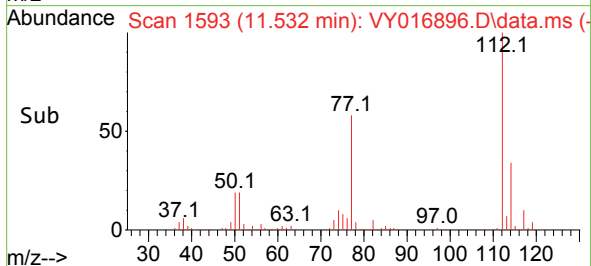
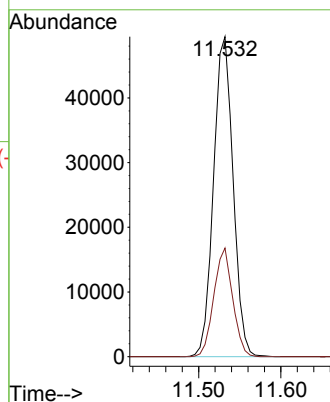
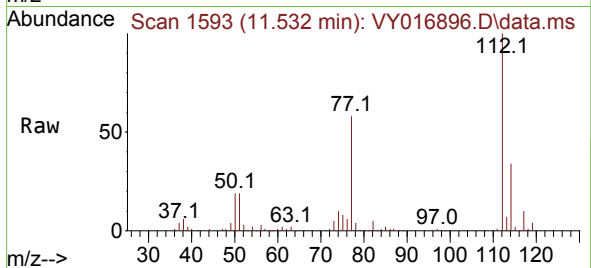
ClientSampleId :

Tgt Ion:112 Resp: 81593

Ion Ratio Lower Upper

112 100

114 34.0 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.949 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

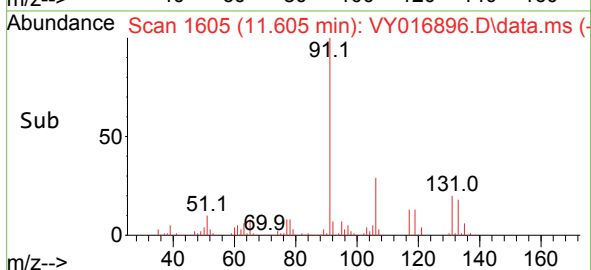
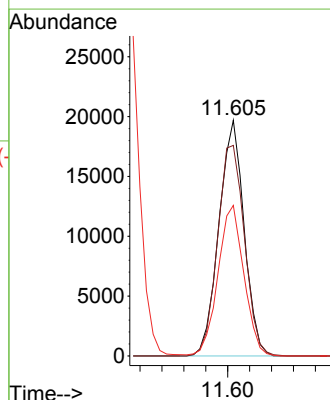
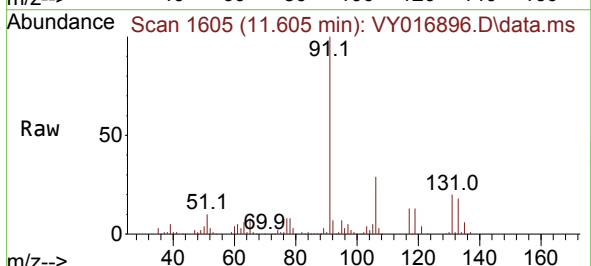
Tgt Ion:131 Resp: 31397

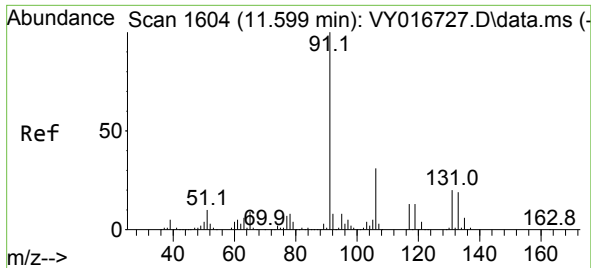
Ion Ratio Lower Upper

131 100

133 95.8 47.0 141.0

119 65.8 33.3 99.9

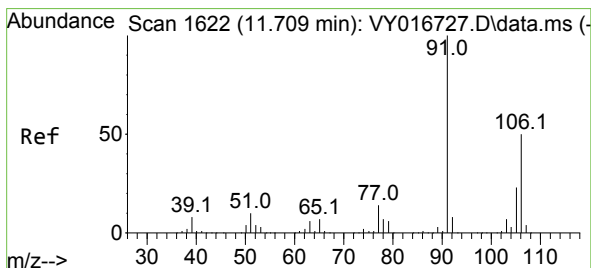
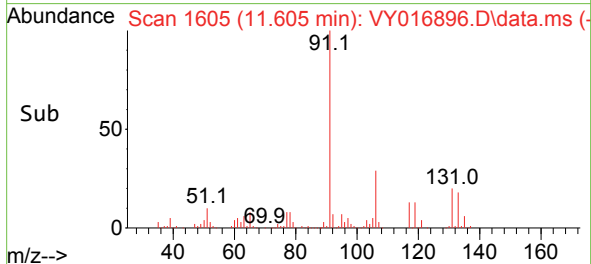
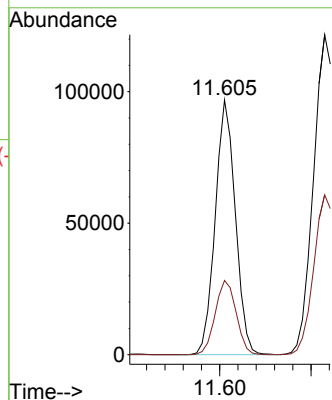
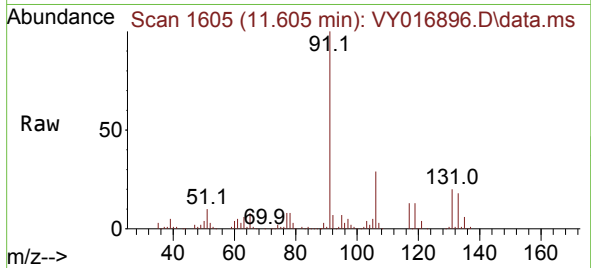




#67
Ethyl Benzene
Concen: 19.866 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

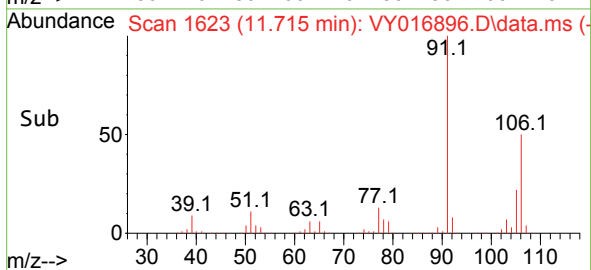
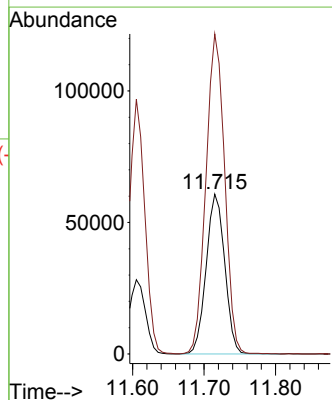
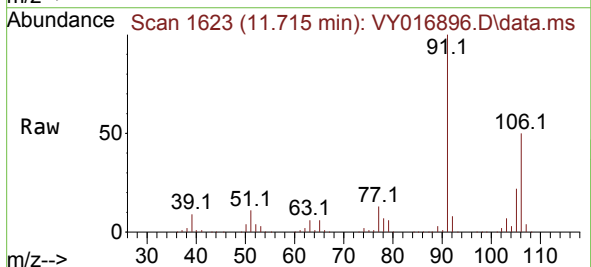
Instrument :
MSVOA_Y
ClientSampleId :

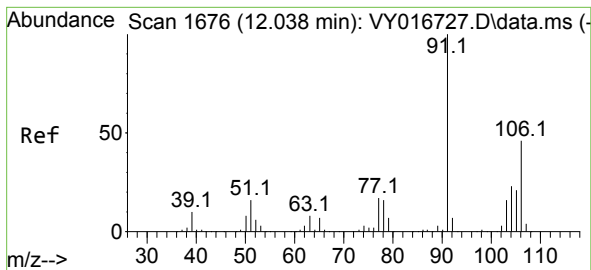
Tgt Ion: 91 Resp: 148080
Ion Ratio Lower Upper
91 100
106 29.2 25.0 37.4



#68
m/p-Xylenes
Concen: 40.083 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion:106 Resp: 109670
Ion Ratio Lower Upper
106 100
91 201.8 160.7 241.1





#69

o-Xylene

Concen: 20.064 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

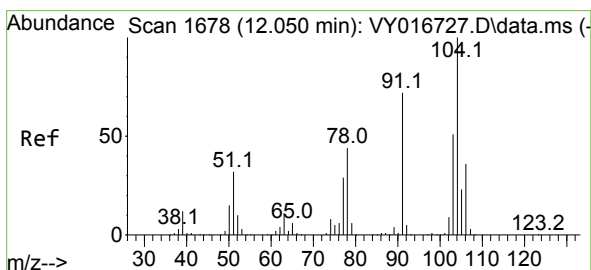
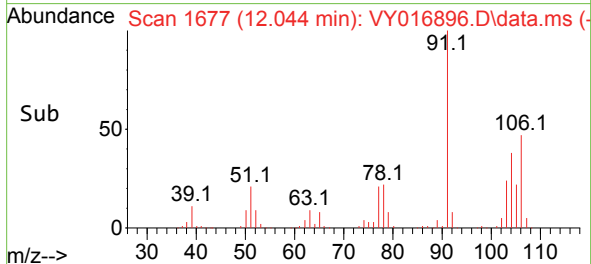
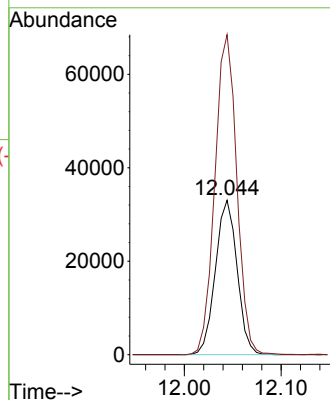
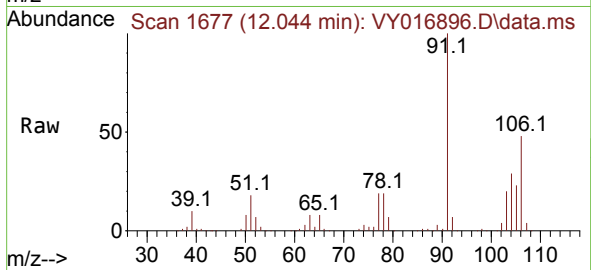
ClientSampleId :

Tgt Ion:106 Resp: 51463

Ion Ratio Lower Upper

106 100

91 209.6 106.5 319.5



#70

Styrene

Concen: 19.904 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

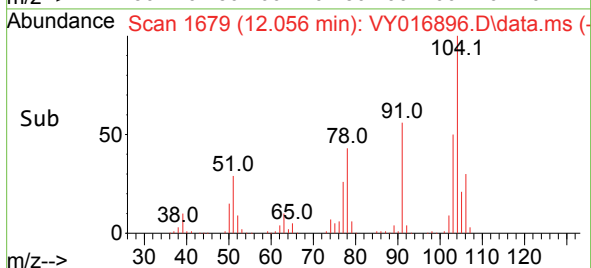
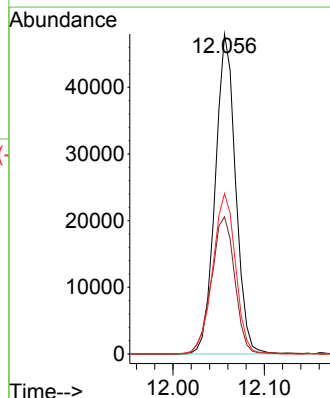
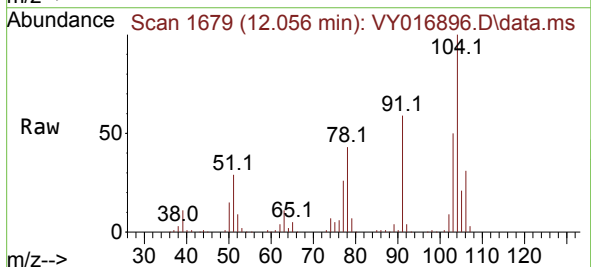
Tgt Ion:104 Resp: 74306

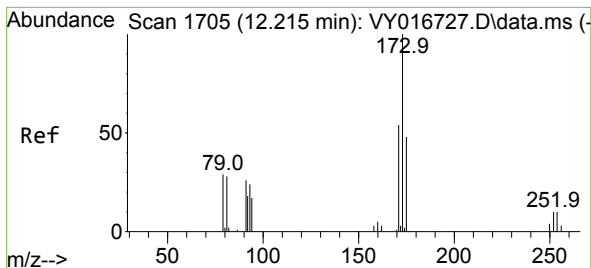
Ion Ratio Lower Upper

104 100

78 49.3 39.2 58.8

103 56.2 43.8 65.6





#71

Bromoform

Concen: 19.505 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY016896.D

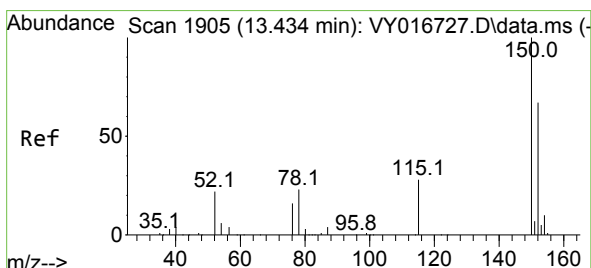
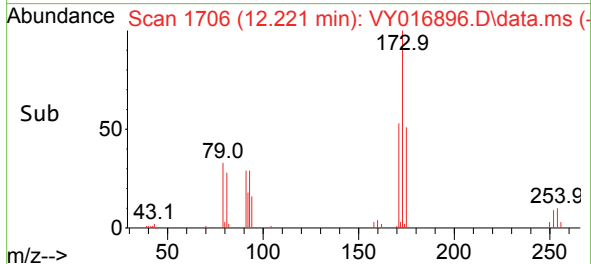
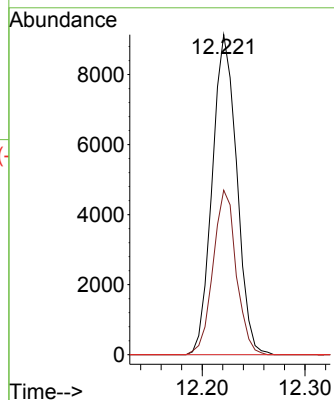
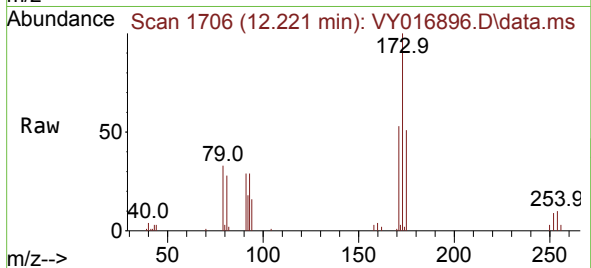
Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	15113
Ion Ratio	Lower	Upper
173	100	
175	48.6	23.5 70.6
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

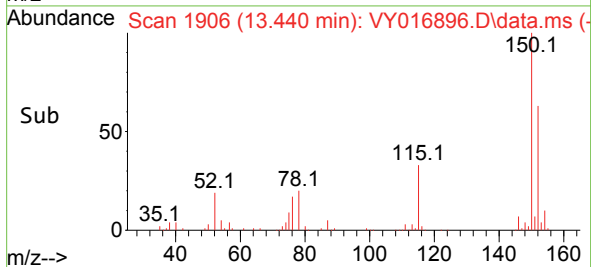
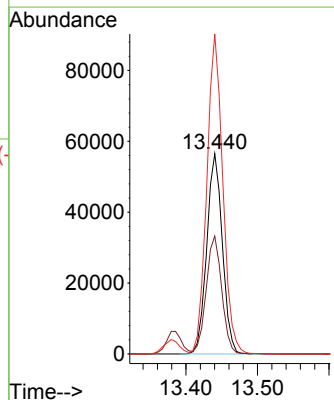
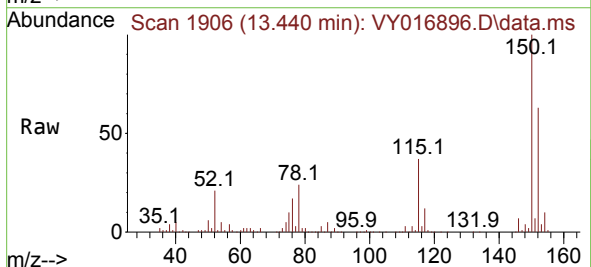
RT: 13.440 min Scan# 1906

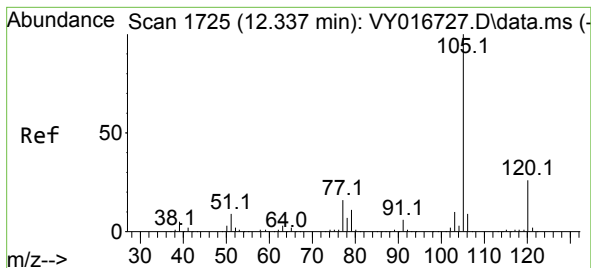
Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Tgt Ion:152	Resp:	85753
Ion Ratio	Lower	Upper
152	100	
115	58.5	30.0 90.0
150	163.7	0.0 344.6





#73

Isopropylbenzene

Concen: 19.950 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

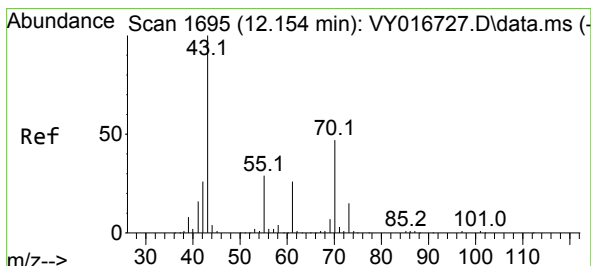
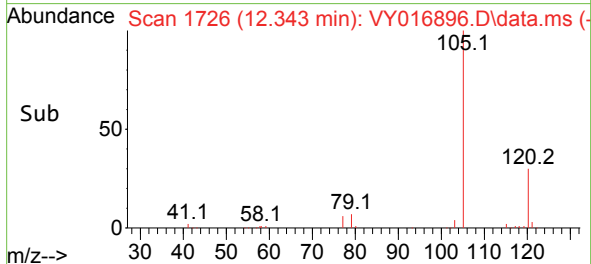
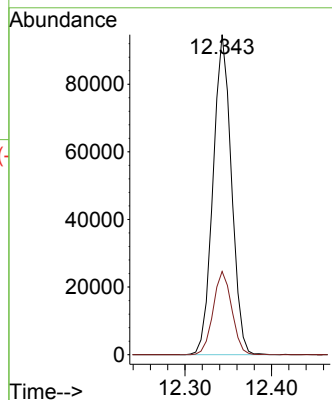
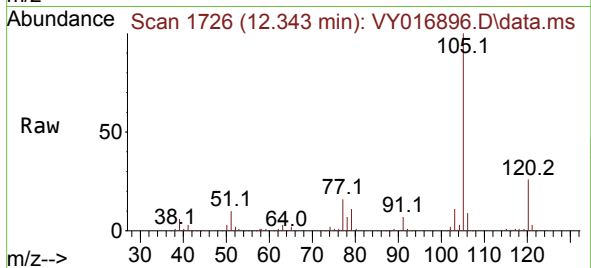
ClientSampleId :

Tgt Ion:105 Resp: 139705

Ion Ratio Lower Upper

105 100

120 26.3 13.0 39.0



#74

N-ethyl acetate

Concen: 20.191 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Tgt Ion: 43 Resp: 28408

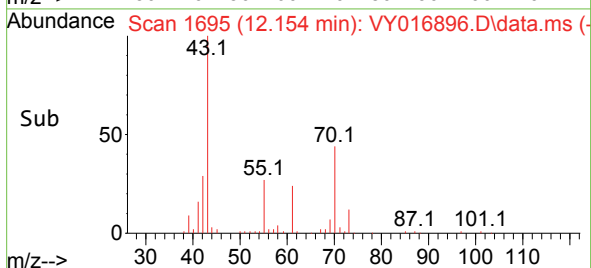
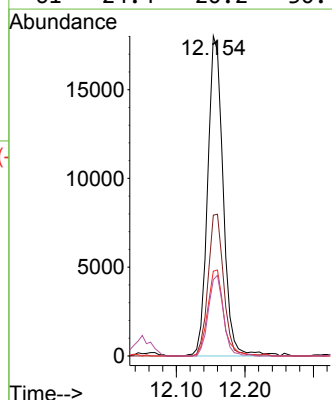
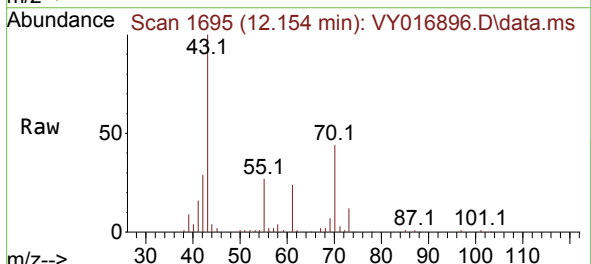
Ion Ratio Lower Upper

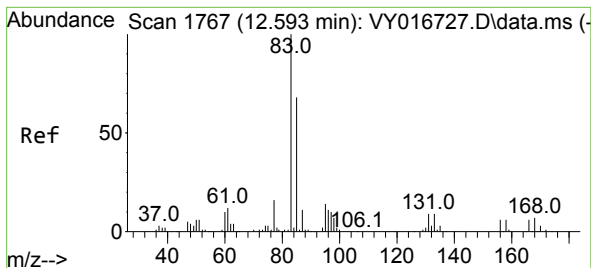
43 100

70 44.5 36.6 55.0

55 27.7 22.2 33.4

61 24.4 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.391 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

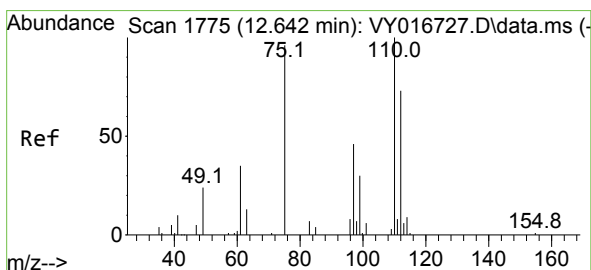
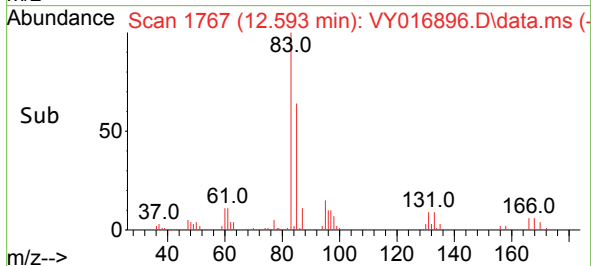
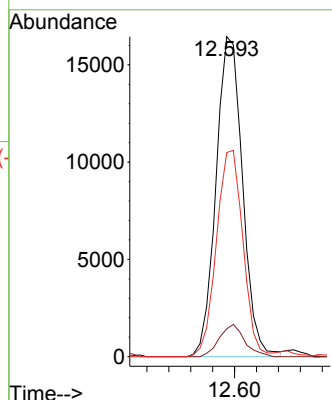
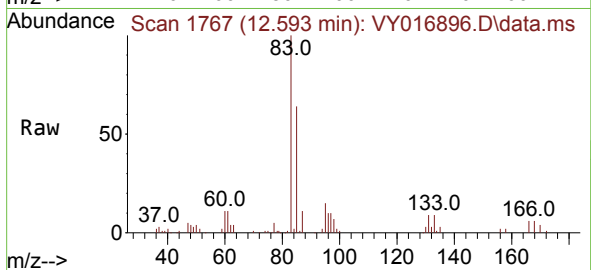
Tgt Ion: 83 Resp: 27668

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.6

85 64.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 35.509 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016896.D

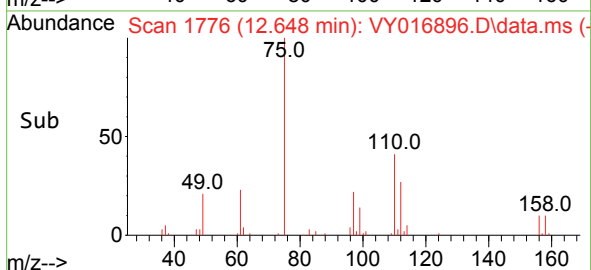
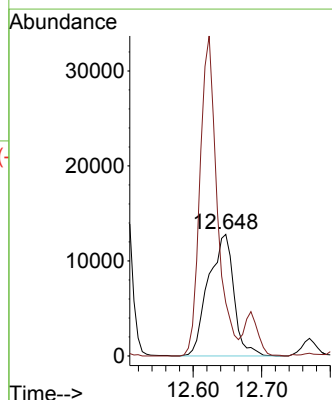
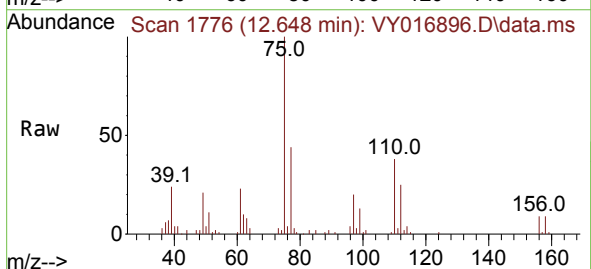
Acq: 02 Jan 2024 15:58

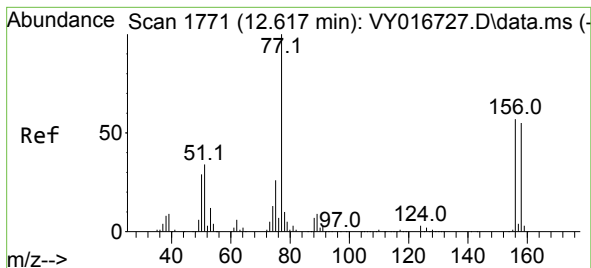
Tgt Ion: 75 Resp: 33044

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.600 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

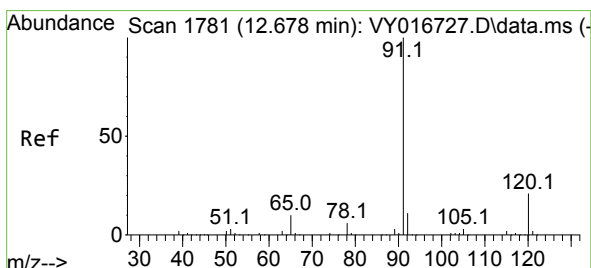
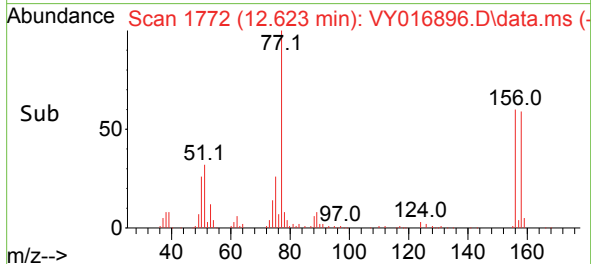
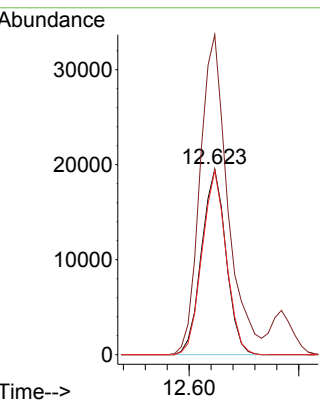
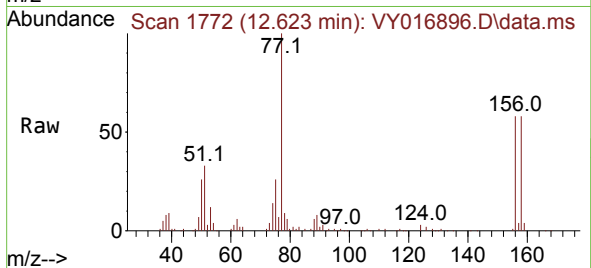
Tgt Ion:156 Resp: 30219

Ion Ratio Lower Upper

156 100

77 196.0 97.3 291.8

158 98.1 48.4 145.0



#78

n-propylbenzene

Concen: 20.130 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016896.D

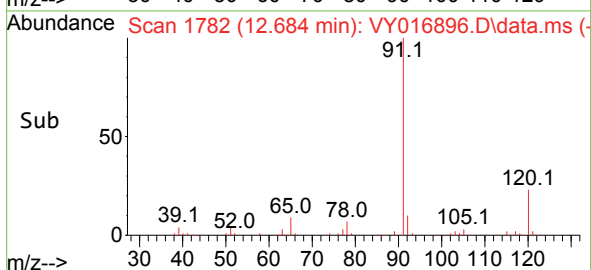
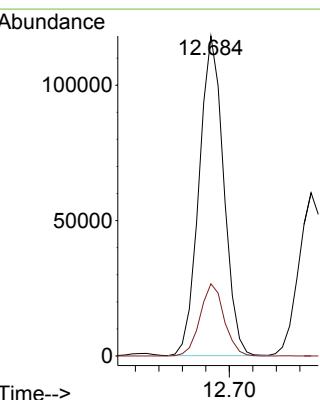
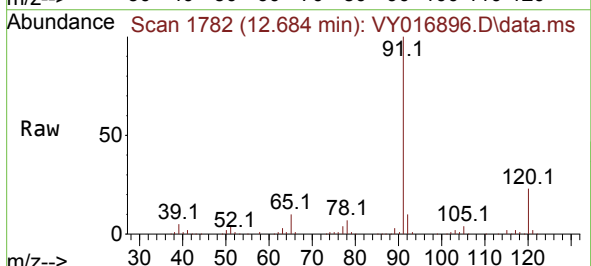
Acq: 02 Jan 2024 15:58

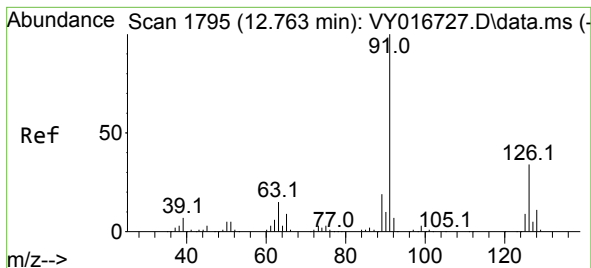
Tgt Ion: 91 Resp: 171372

Ion Ratio Lower Upper

91 100

120 22.0 11.0 33.0

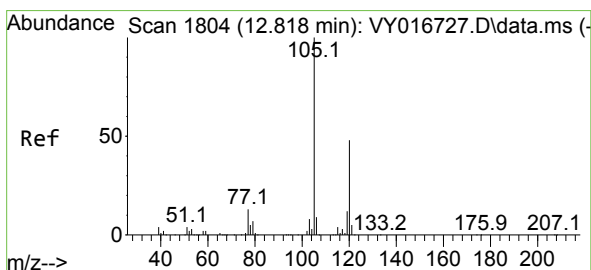
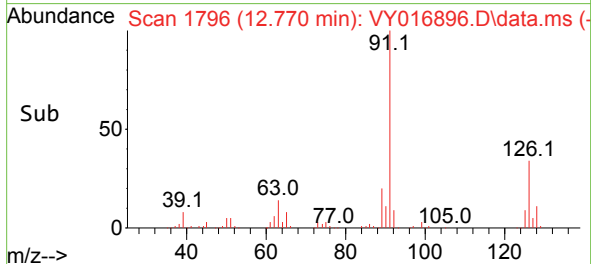
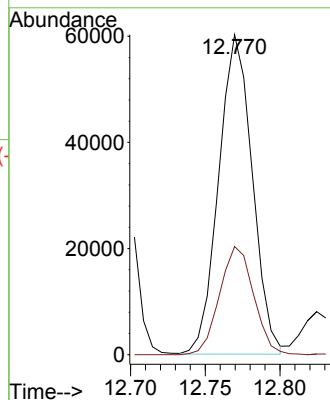
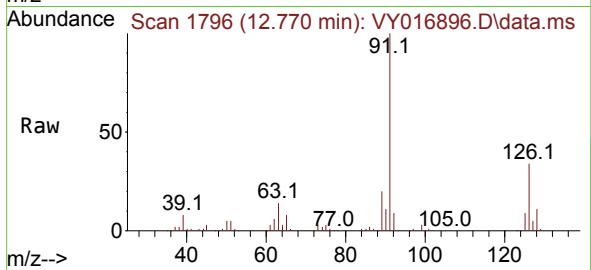




#79
2-Chlorotoluene
Concen: 19.927 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.007 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

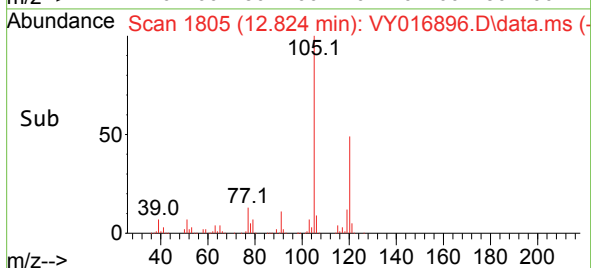
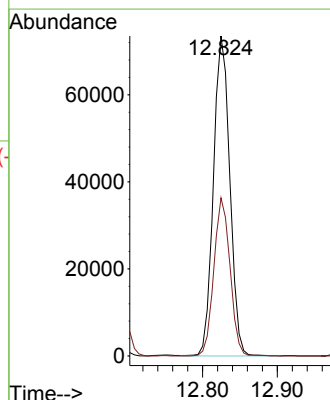
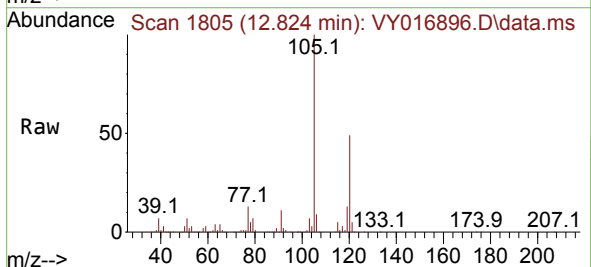
Instrument :
MSVOA_Y
ClientSampleId :

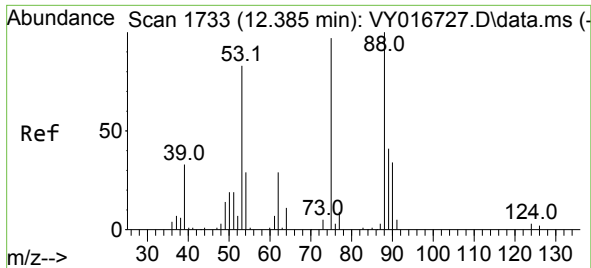
Tgt Ion: 91 Resp: 94069
Ion Ratio Lower Upper
91 100
126 34.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.295 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 105 Resp: 112399
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

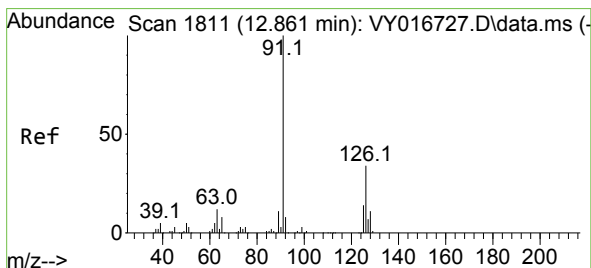
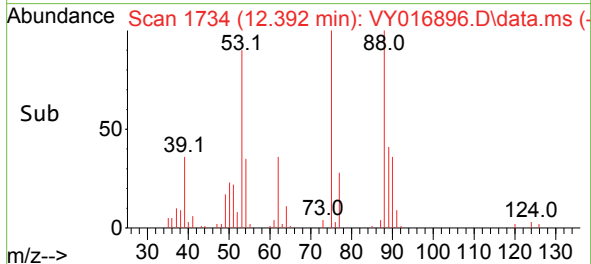
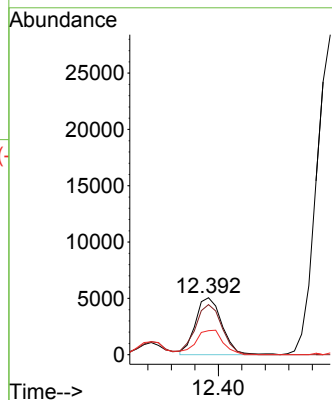
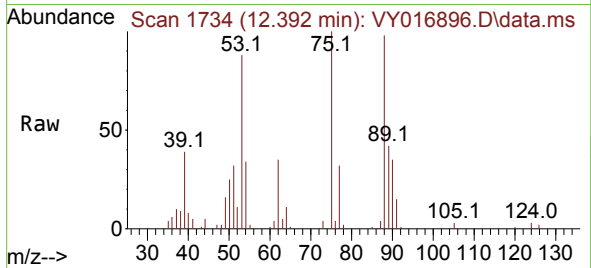




#81
trans-1,4-Dichloro-2-butene
Concen: 19.316 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

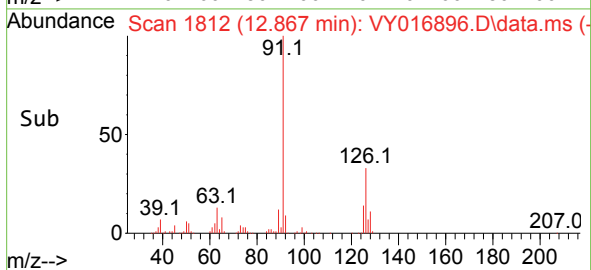
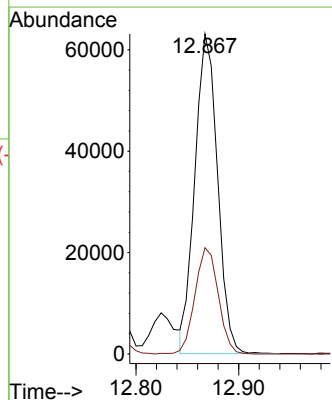
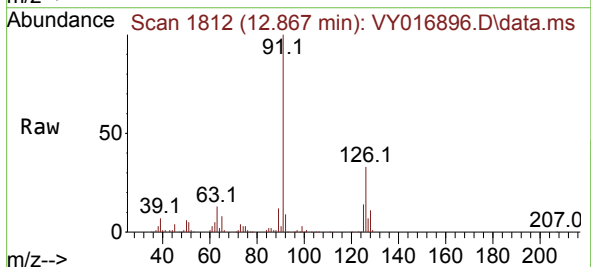
Instrument :
MSVOA_Y
ClientSampleId :

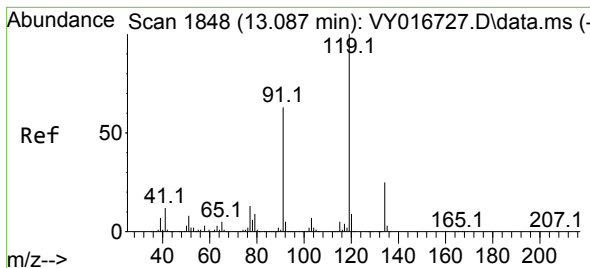
Tgt Ion: 75 Resp: 7916
Ion Ratio Lower Upper
75 100
53 89.5 74.0 111.0
89 44.9 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.024 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

Tgt Ion: 91 Resp: 96576
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 19.513 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

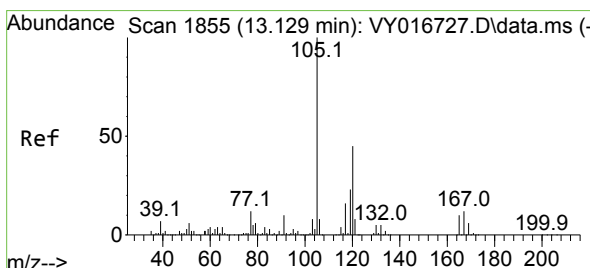
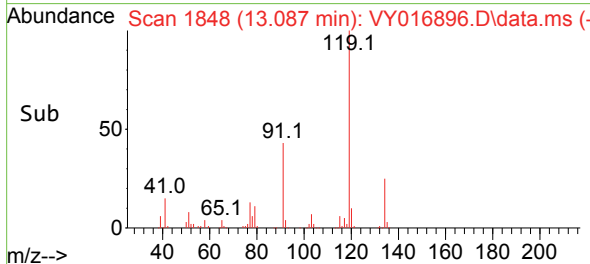
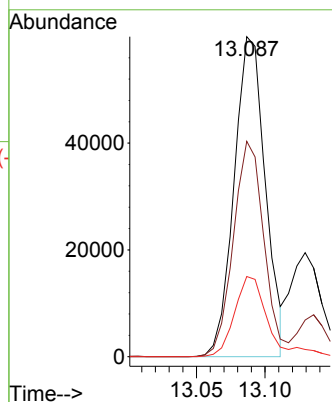
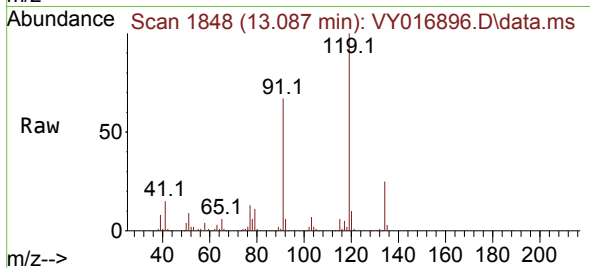
Tgt Ion:119 Resp: 95183

Ion Ratio Lower Upper

119 100

91 66.2 31.5 94.5

134 26.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.129 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016896.D

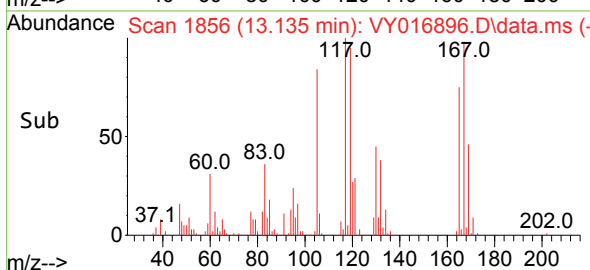
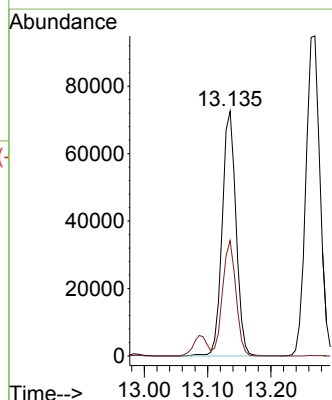
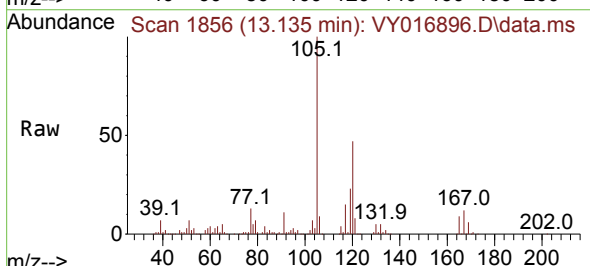
Acq: 02 Jan 2024 15:58

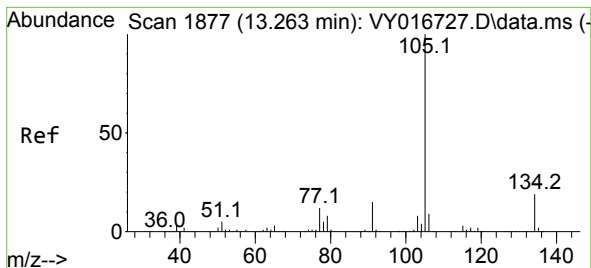
Tgt Ion:105 Resp: 109788

Ion Ratio Lower Upper

105 100

120 45.6 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.326 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.007 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

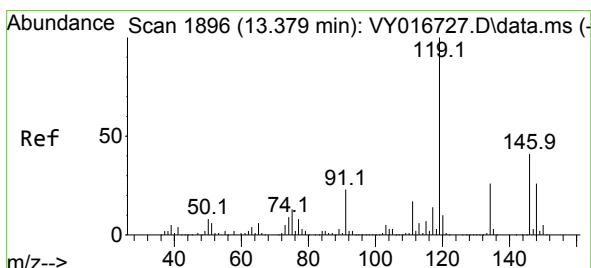
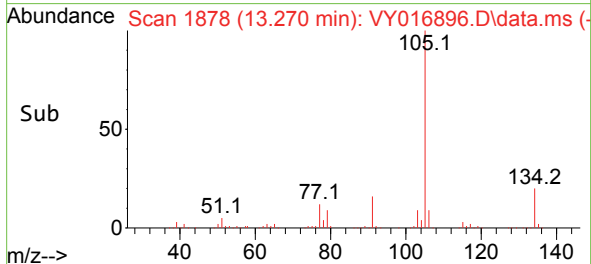
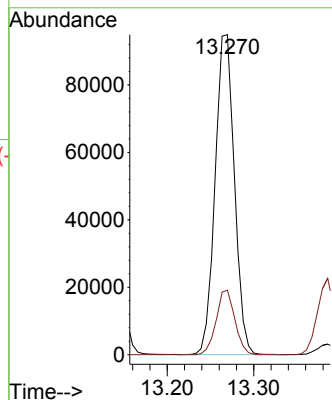
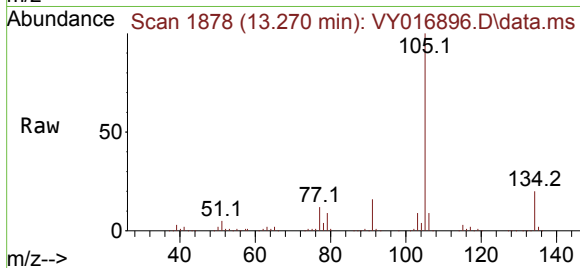
ClientSampleId :

Tgt Ion:105 Resp: 146911

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.041 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

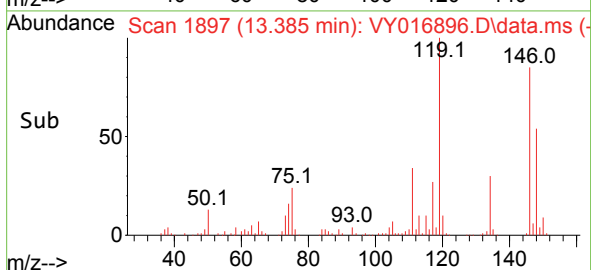
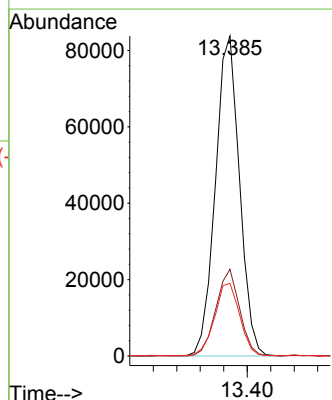
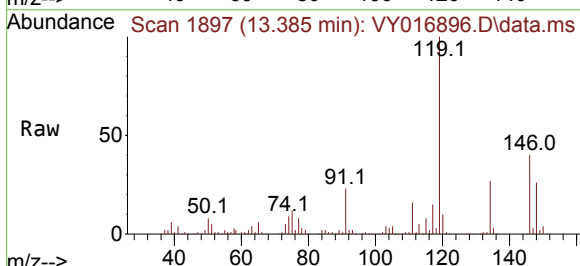
Tgt Ion:119 Resp: 119549

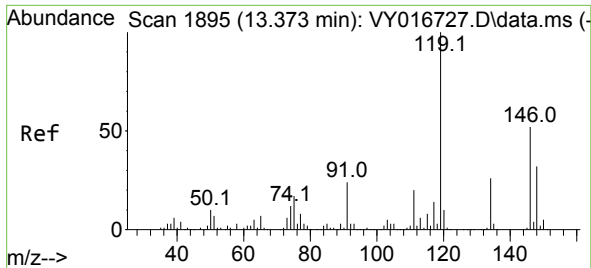
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.1

91 23.5 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.551 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

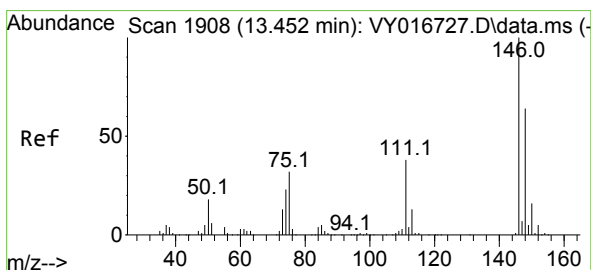
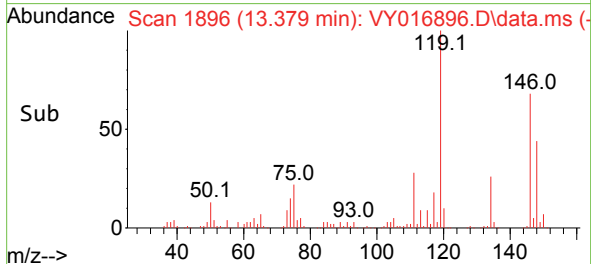
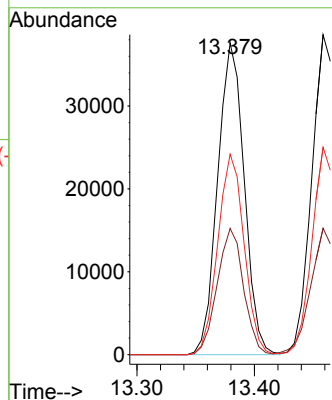
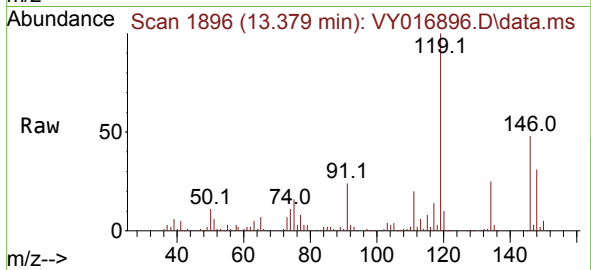
Tgt Ion:146 Resp: 59116

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

148 63.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.059 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

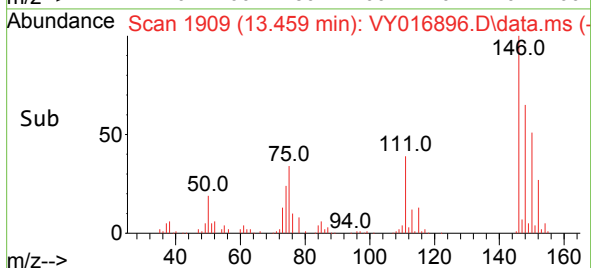
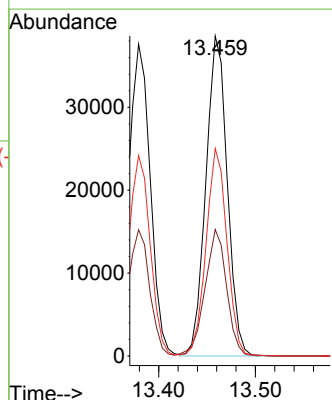
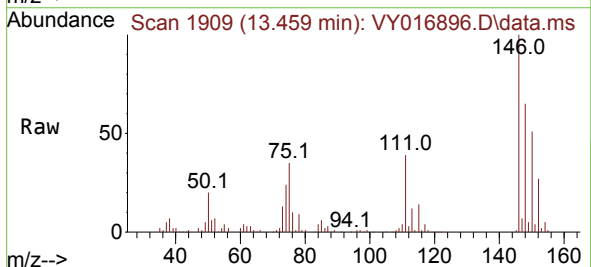
Tgt Ion:146 Resp: 59323

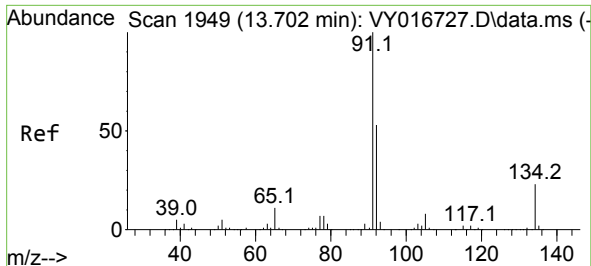
Ion Ratio Lower Upper

146 100

111 40.1 19.3 57.9

148 63.6 31.6 94.7





#89

n-Butylbenzene

Concen: 19.753 ug/l

RT: 13.708 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

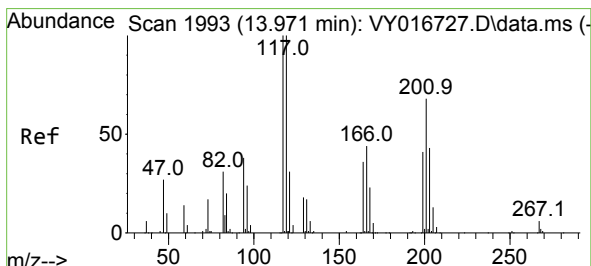
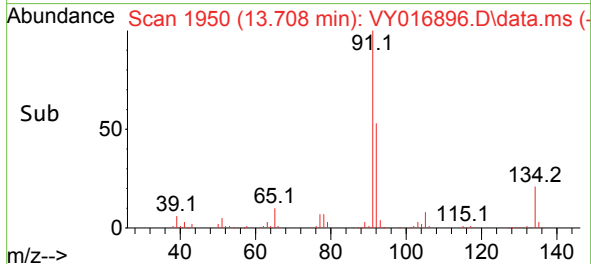
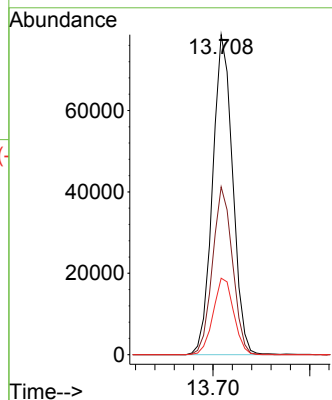
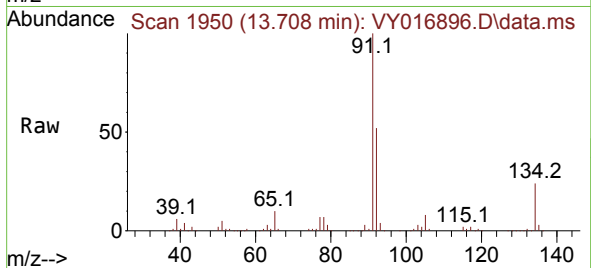
Tgt Ion: 91 Resp: 113290

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.2

134 24.5 12.3 36.8



#90

Hexachloroethane

Concen: 19.571 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016896.D

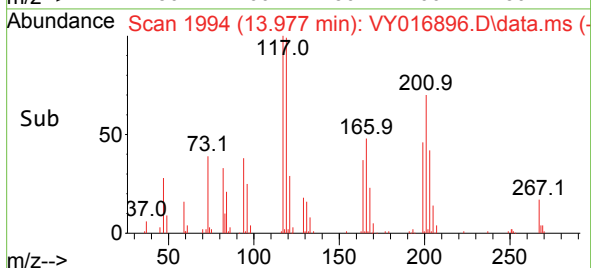
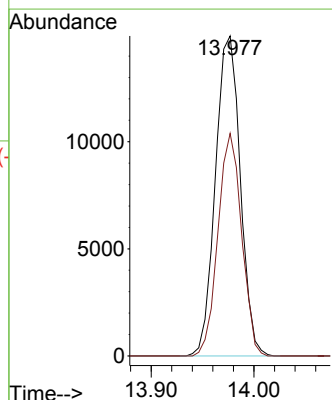
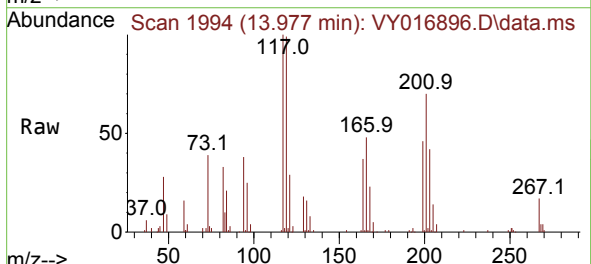
Acq: 02 Jan 2024 15:58

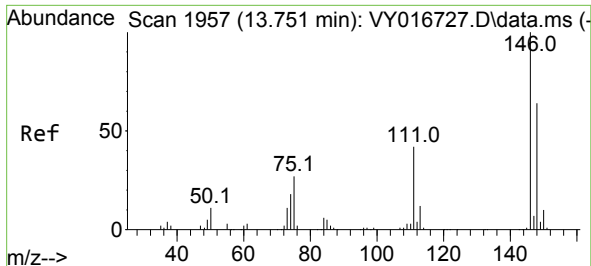
Tgt Ion: 117 Resp: 25086

Ion Ratio Lower Upper

117 100

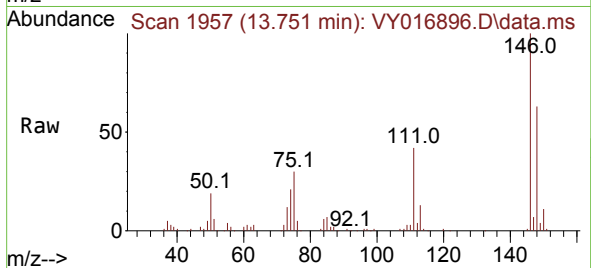
201 66.1 33.4 100.1



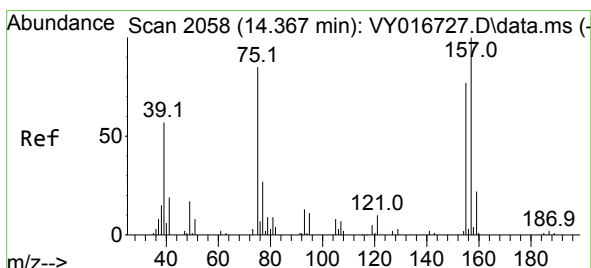
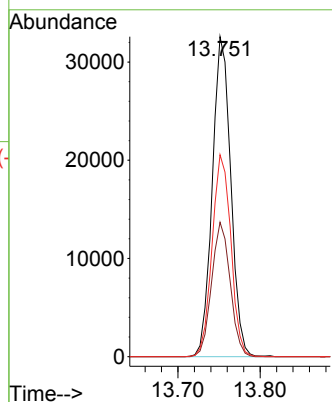
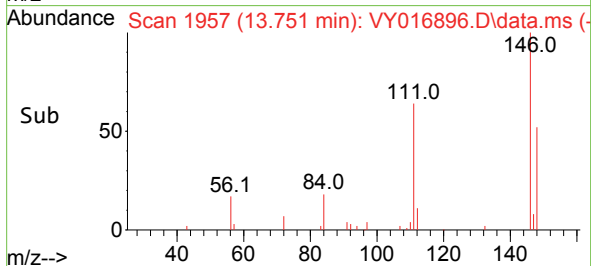


#91
1,2-Dichlorobenzene
Concen: 19.481 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58

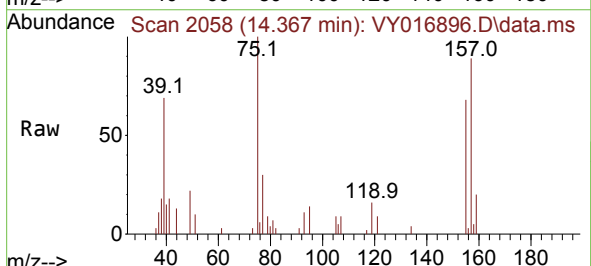
Instrument :
MSVOA_Y
ClientSampleId :



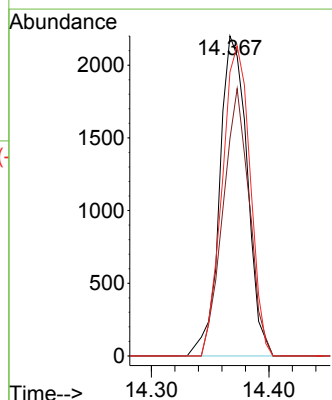
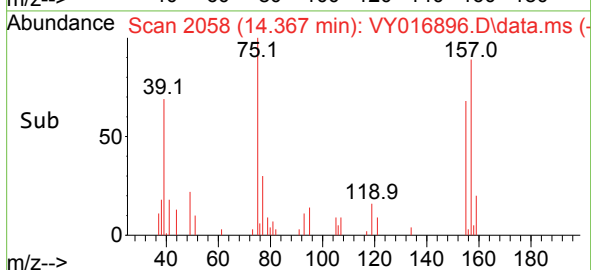
Tgt Ion:146 Resp: 50905
Ion Ratio Lower Upper
146 100
111 42.1 20.5 61.6
148 64.0 31.4 94.3

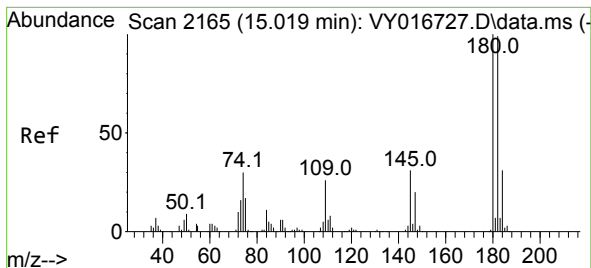


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.986 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016896.D
Acq: 02 Jan 2024 15:58



Tgt Ion: 75 Resp: 3576
Ion Ratio Lower Upper
75 100
155 80.1 42.1 126.3
157 98.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 19.239 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016896.D

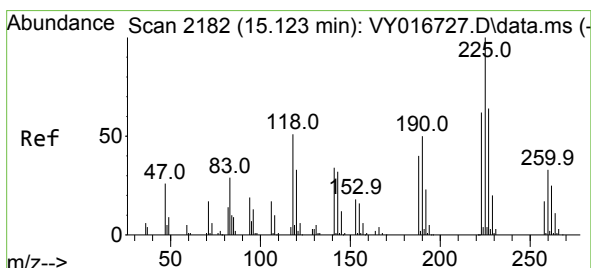
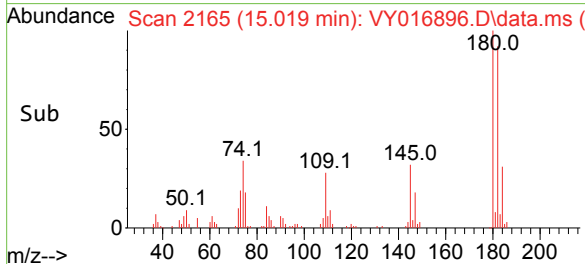
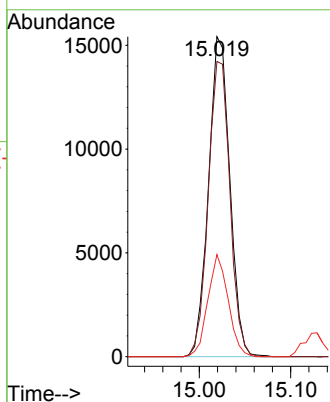
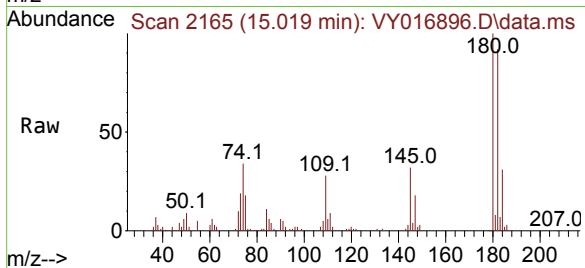
Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	180	Resp:	24964
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.9	143.7
145	30.4	15.9	47.7



#94

Hexachlorobutadiene

Concen: 18.474 ug/l

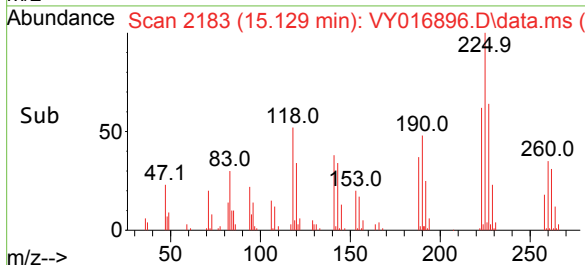
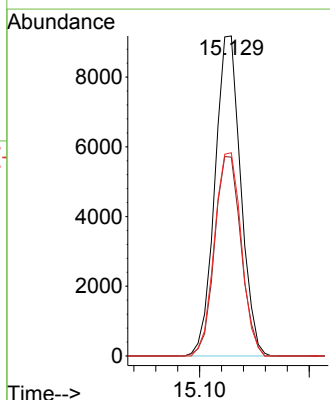
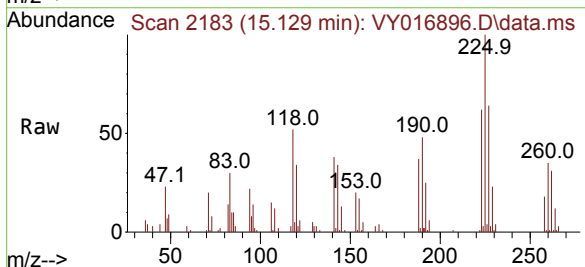
RT: 15.129 min Scan# 2183

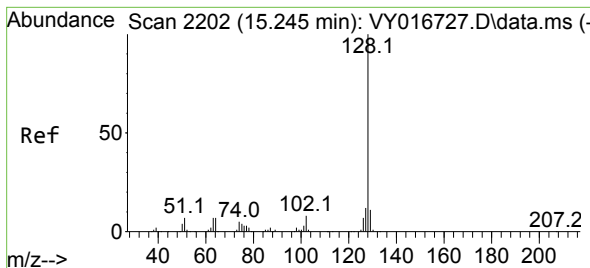
Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Tgt Ion:	225	Resp:	15017
Ion Ratio	Lower	Upper	
225	100		
223	63.9	31.4	94.3
227	65.8	32.3	96.8





#95

Naphthalene

Concen: 19.532 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

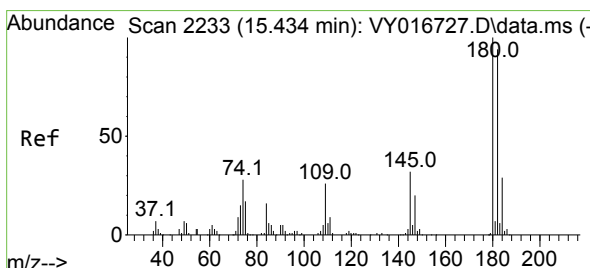
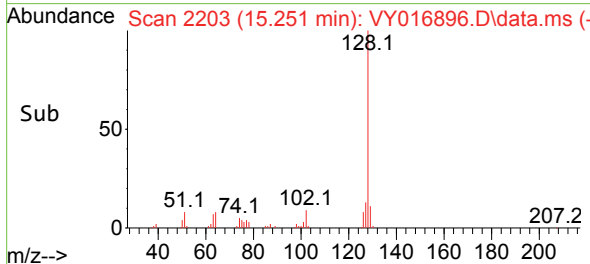
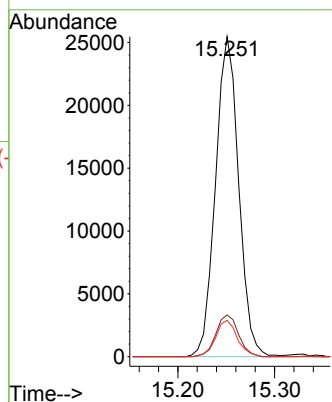
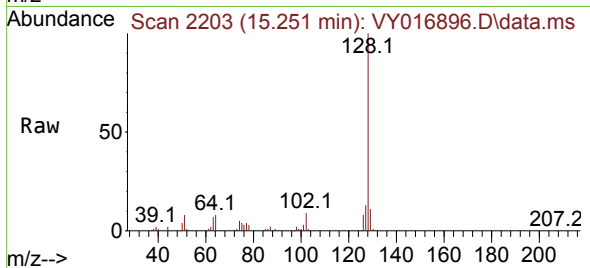
Tgt Ion:128 Resp: 42299

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.376 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016896.D

Acq: 02 Jan 2024 15:58

Tgt Ion:180 Resp: 20247

Ion Ratio Lower Upper

180 100

182 98.4 46.3 138.8

145 32.7 16.1 48.2

