

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016805.D
 Acq On : 22 Dec 2023 14:02
 Operator : SY/MD
 Sample : VY1222SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 22 22:57:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	136941	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	237820	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	207684	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	89708	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	76258	61.000	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.000%	
35) Dibromofluoromethane	7.746	113	80615	59.176	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.360%	
50) Toluene-d8	10.203	98	289805	59.012	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 118.020%	
62) 4-Bromofluorobenzene	12.501	95	93873	58.919	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	27028	23.095	ug/l	93
3) Chloromethane	2.131	50	40344	22.427	ug/l	98
4) Vinyl Chloride	2.272	62	45392	22.340	ug/l	100
5) Bromomethane	2.668	94	33255	22.979	ug/l	98
6) Chloroethane	2.814	64	31532	22.902	ug/l	96
7) Trichlorofluoromethane	3.149	101	55609	23.494	ug/l	99
8) Diethyl Ether	3.558	74	17309	22.860	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.924	101	34883	24.024	ug/l	100
10) Methyl Iodide	4.125	142	28961	19.141	ug/l	98
11) Tert butyl alcohol	4.972	59	14860	144.977	ug/l	96
12) 1,1-Dichloroethene	3.899	96	29896	23.125	ug/l	99
13) Acrolein	3.753	56	12050	152.369	ug/l	96
14) Allyl chloride	4.509	41	46419	23.442	ug/l	97
15) Acrylonitrile	5.198	53	40736	127.039	ug/l	98
16) Acetone	3.972	43	48659	143.941	ug/l	100
17) Carbon Disulfide	4.222	76	73025	20.760	ug/l	99
18) Methyl Acetate	4.503	43	32012	24.232	ug/l	98
19) Methyl tert-butyl Ether	5.253	73	77158	23.195	ug/l	97
20) Methylene Chloride	4.747	84	40148	21.158	ug/l	96
21) trans-1,2-Dichloroethene	5.253	96	33902	22.993	ug/l	97
22) Diisopropyl ether	6.149	45	111040	24.787	ug/l	99
23) Vinyl Acetate	6.094	43	259517	122.486	ug/l	100
24) 1,1-Dichloroethane	6.051	63	65897	24.487	ug/l	97
25) 2-Butanone	7.015	43	61894	132.982	ug/l	99
26) 2,2-Dichloropropane	7.015	77	55672	23.707	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	39881	23.502	ug/l	96
28) Bromochloromethane	7.362	49	22989	21.584	ug/l	97
29) Tetrahydrofuran	7.380	42	31917	125.412	ug/l	98
30) Chloroform	7.533	83	68312	24.797	ug/l	98
31) Cyclohexane	7.813	56	52457	21.901	ug/l	97
32) 1,1,1-Trichloroethane	7.728	97	56734	23.461	ug/l	99
36) 1,1-Dichloropropene	7.941	75	49911	22.853	ug/l	99
37) Ethyl Acetate	7.106	43	23274	24.863	ug/l	99
38) Carbon Tetrachloride	7.929	117	48816	22.588	ug/l	97
39) Methylcyclohexane	9.209	83	53418	21.185	ug/l	97
40) Benzene	8.185	78	147824	23.260	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016805.D
 Acq On : 22 Dec 2023 14:02
 Operator : SY/MD
 Sample : VY1222SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 22 22:57:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	12656	25.464	ug/l	95
42) 1,2-Dichloroethane	8.264	62	40183	24.235	ug/l	99
43) Isopropyl Acetate	8.295	43	41646	22.906	ug/l	99
44) Trichloroethene	8.965	130	36617	22.574	ug/l	98
45) 1,2-Dichloropropane	9.240	63	38202	23.963	ug/l	98
46) Dibromomethane	9.331	93	19516	23.696	ug/l	96
47) Bromodichloromethane	9.520	83	51620	23.780	ug/l	96
48) Methyl methacrylate	9.313	41	22988	22.750	ug/l	97
49) 1,4-Dioxane	9.325	88	3844	480.882	ug/l	98
51) 4-Methyl-2-Pentanone	10.093	43	116004	119.751	ug/l	99
52) Toluene	10.264	92	88128	23.139	ug/l	98
53) t-1,3-Dichloropropene	10.483	75	45890	23.184	ug/l	99
54) cis-1,3-Dichloropropene	9.953	75	56150	23.518	ug/l	98
55) 1,1,2-Trichloroethane	10.666	97	28040	23.863	ug/l	98
56) Ethyl methacrylate	10.532	69	23393	22.640	ug/l	97
57) 1,3-Dichloropropane	10.813	76	47380	23.739	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	62970	113.285	ug/l	99
59) 2-Hexanone	10.855	43	88992	123.202	ug/l	99
60) Dibromochloromethane	11.008	129	31685	23.309	ug/l	100
61) 1,2-Dibromoethane	11.111	107	24498	23.248	ug/l	100
64) Tetrachloroethene	10.740	164	28231	21.882	ug/l	97
65) Chlorobenzene	11.538	112	93812	22.991	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	34734	22.624	ug/l	100
67) Ethyl Benzene	11.611	91	167327	22.279	ug/l	98
68) m/p-Xylenes	11.727	106	125564	45.275	ug/l	100
69) o-Xylene	12.050	106	56970	22.391	ug/l	98
70) Styrene	12.069	104	84341	22.402	ug/l	99
71) Bromoform	12.227	173	16609	21.700	ug/l #	98
73) Isopropylbenzene	12.349	105	157812	22.588	ug/l	100
74) N-amyl acetate	12.166	43	32337	22.054	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.605	83	32157	23.033	ug/l	97
76) 1,2,3-Trichloropropane	12.654	75	38218	38.539	ug/l #	100
77) Bromobenzene	12.629	156	33957	22.279	ug/l	98
78) n-propylbenzene	12.690	91	193872	22.903	ug/l	99
79) 2-Chlorotoluene	12.776	91	107522	22.955	ug/l	98
80) 1,3,5-Trimethylbenzene	12.831	105	127095	22.981	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	8798	20.835	ug/l	95
82) 4-Chlorotoluene	12.873	91	108680	22.617	ug/l	100
83) tert-Butylbenzene	13.093	119	108896	22.637	ug/l	97
84) 1,2,4-Trimethylbenzene	13.142	105	126731	23.239	ug/l	99
85) sec-Butylbenzene	13.276	105	164759	23.123	ug/l	100
86) p-Isopropyltoluene	13.392	119	134317	22.636	ug/l	100
87) 1,3-Dichlorobenzene	13.385	146	67729	22.738	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	66261	22.782	ug/l	98
89) n-Butylbenzene	13.715	91	130992	23.093	ug/l	99
90) Hexachloroethane	13.983	117	28115	22.754	ug/l	98
91) 1,2-Dichlorobenzene	13.757	146	57269	22.569	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.379	75	4068	22.478	ug/l	91
93) 1,2,4-Trichlorobenzene	15.025	180	30014	22.291	ug/l	98
94) Hexachlorobutadiene	15.129	225	17265	22.576	ug/l	99
95) Naphthalene	15.257	128	52036	20.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	24952	21.759	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
Data File : VY016805.D
Acq On : 22 Dec 2023 14:02
Operator : SY/MD
Sample : VY1222SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

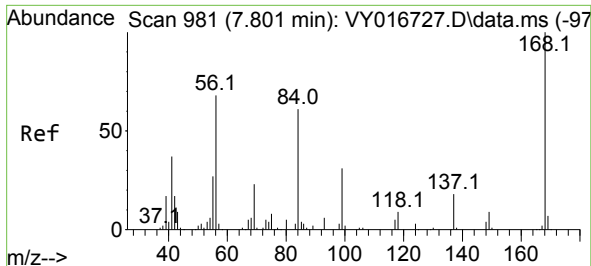
Quant Time: Dec 22 22:57:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Dec 22 22:57:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

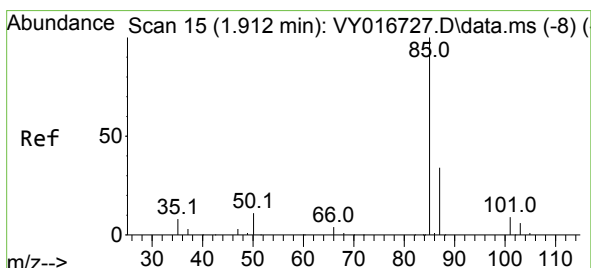
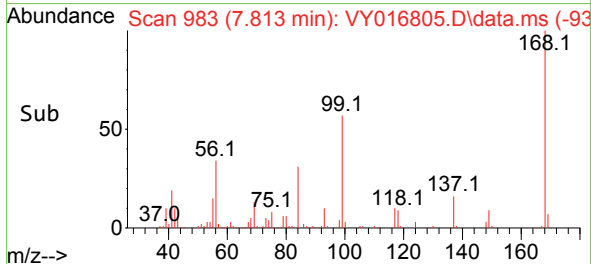
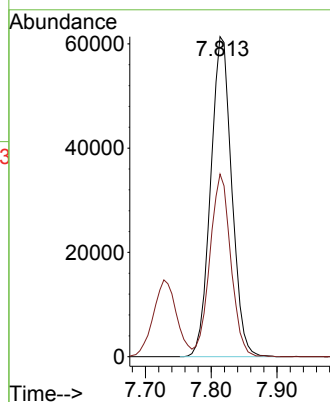
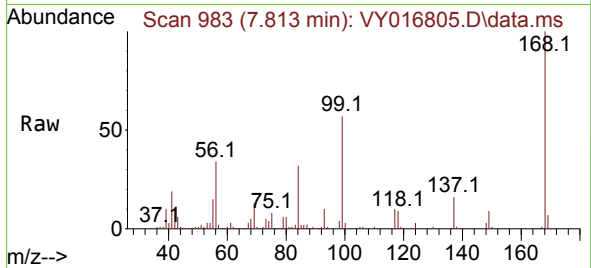




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

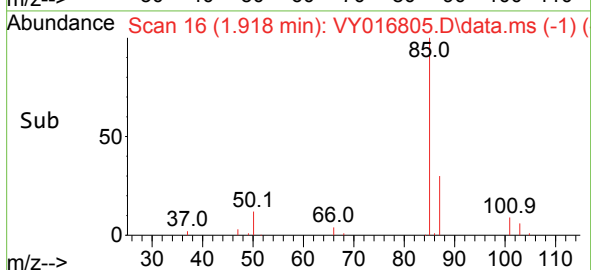
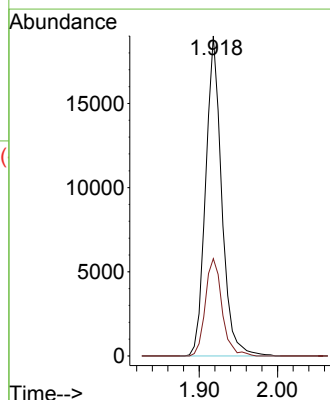
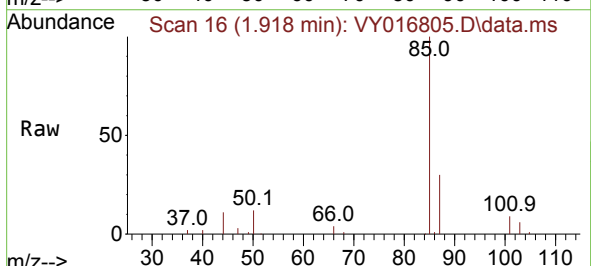
Instrument :
MSVOA_Y
ClientSampleId :

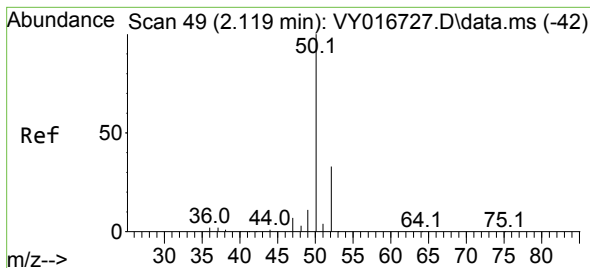
Tgt Ion:168 Resp: 136941
Ion Ratio Lower Upper
168 100
99 57.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 23.095 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion: 85 Resp: 27028
Ion Ratio Lower Upper
85 100
87 30.4 17.1 51.3





#3

Chloromethane

Concen: 22.427 ug/l

RT: 2.131 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

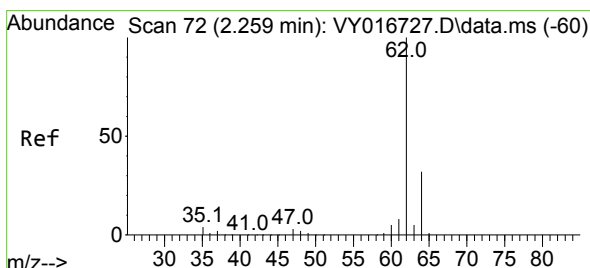
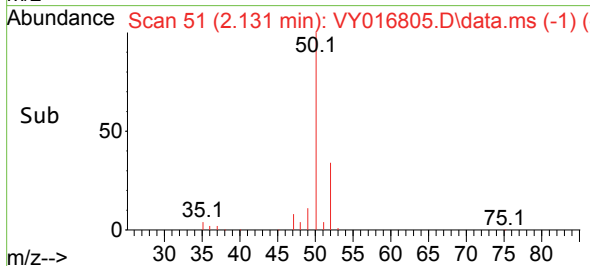
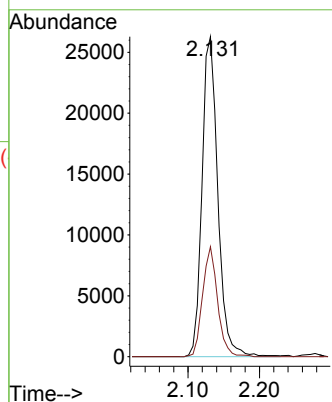
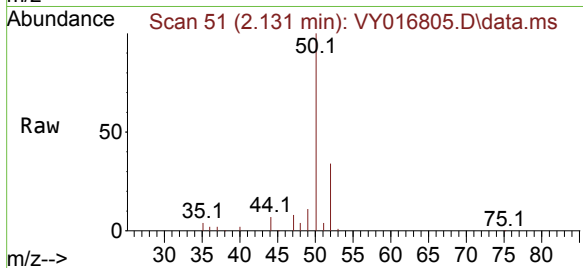
ClientSampleId :

Tgt Ion: 50 Resp: 40344

Ion Ratio Lower Upper

50 100

52 34.4 26.7 40.1



#4

Vinyl Chloride

Concen: 22.340 ug/l

RT: 2.272 min Scan# 74

Delta R.T. 0.012 min

Lab File: VY016805.D

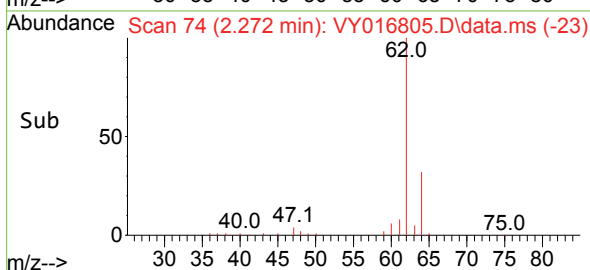
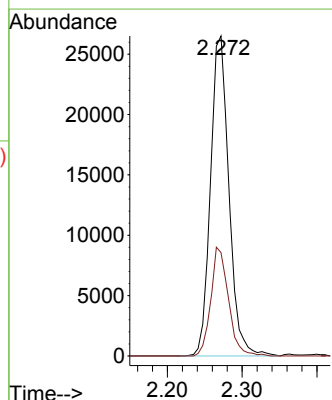
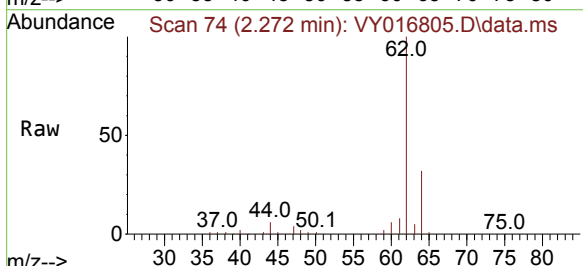
Acq: 22 Dec 2023 14:02

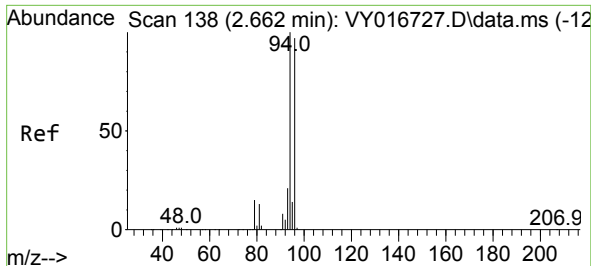
Tgt Ion: 62 Resp: 45392

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5

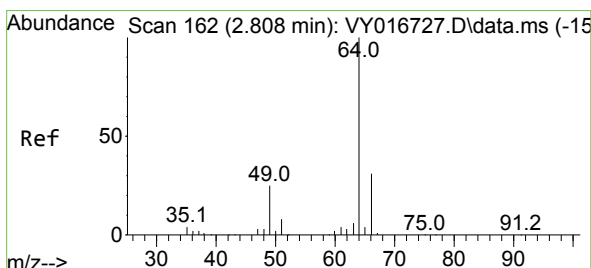
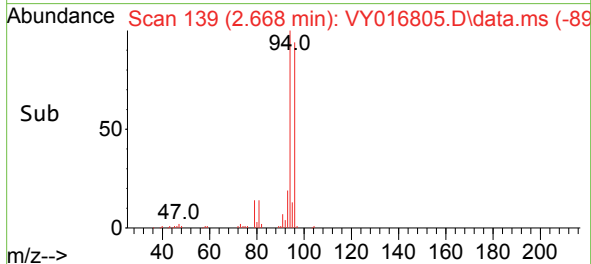
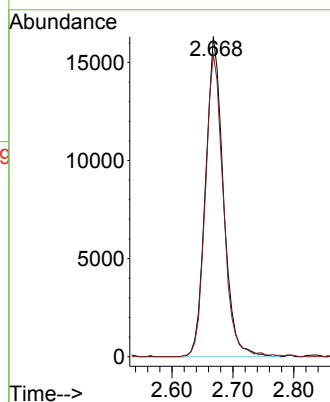
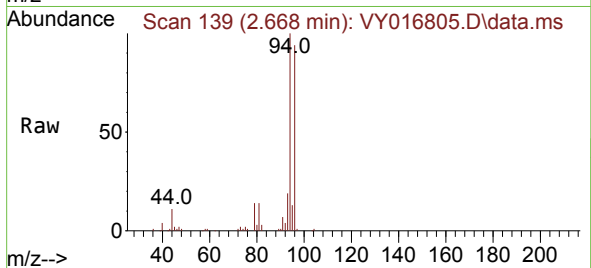




#5
Bromomethane
Concen: 22.979 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

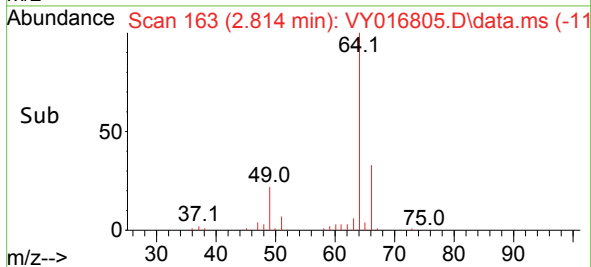
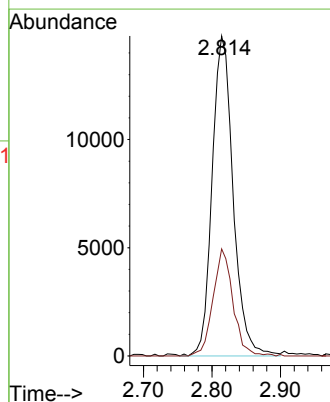
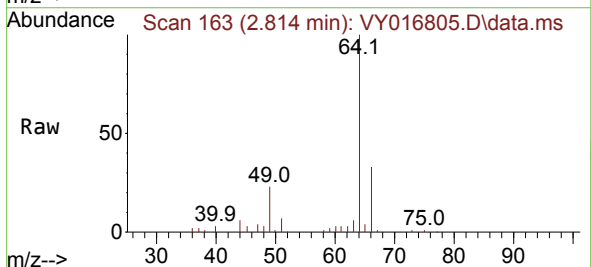
Instrument :
MSVOA_Y
ClientSampleId :

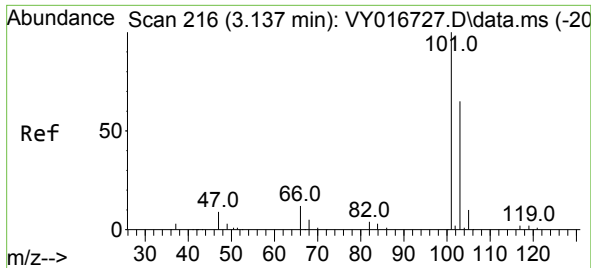
Tgt Ion: 94 Resp: 33255
Ion Ratio Lower Upper
94 100
96 94.4 77.3 115.9



#6
Chloroethane
Concen: 22.902 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion: 64 Resp: 31532
Ion Ratio Lower Upper
64 100
66 33.4 25.1 37.7

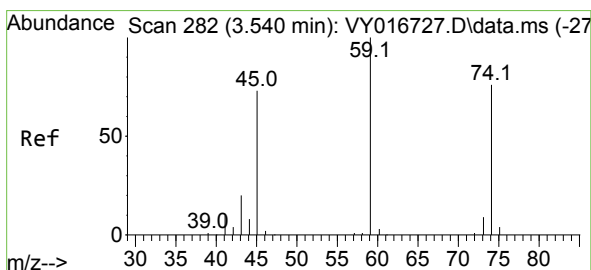
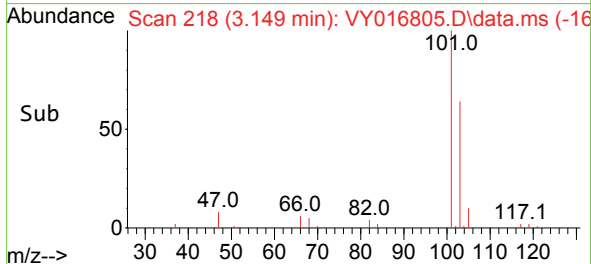
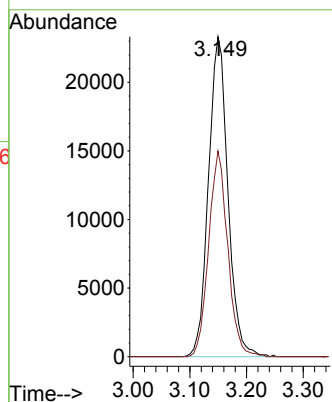
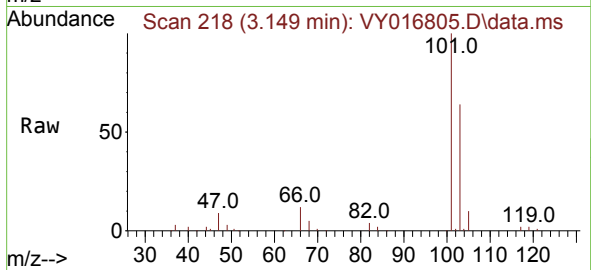




#7
 Trichlorofluoromethane
 Concen: 23.494 ug/l
 RT: 3.149 min Scan# 216
 Delta R.T. 0.012 min
 Lab File: VY016805.D
 Acq: 22 Dec 2023 14:02

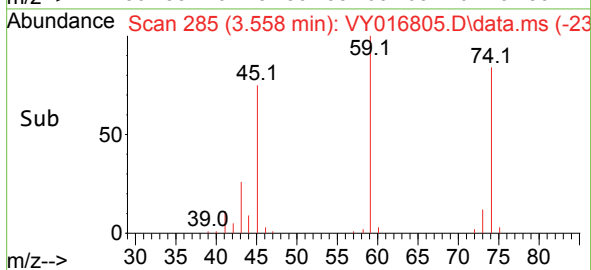
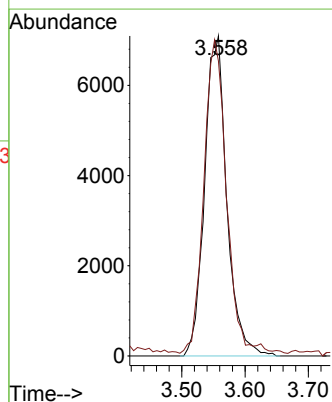
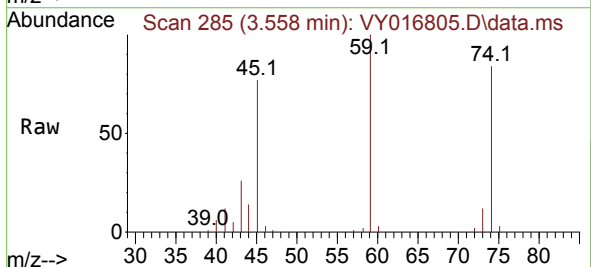
Instrument :
 MSVOA_Y
 ClientSampleId :

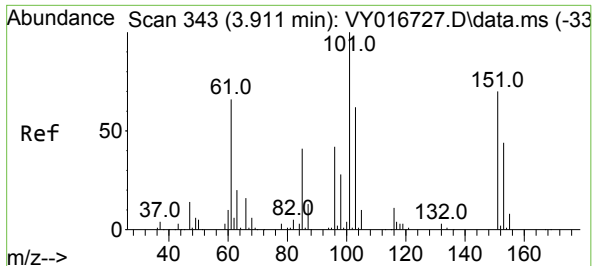
Tgt Ion:101 Resp: 55609
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.9 77.9



#8
 Diethyl Ether
 Concen: 22.860 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.018 min
 Lab File: VY016805.D
 Acq: 22 Dec 2023 14:02

Tgt Ion: 74 Resp: 17309
 Ion Ratio Lower Upper
 74 100
 45 99.8 47.9 143.7

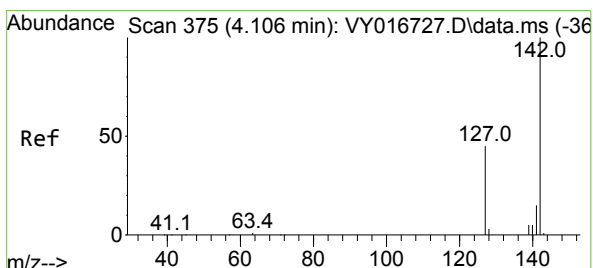
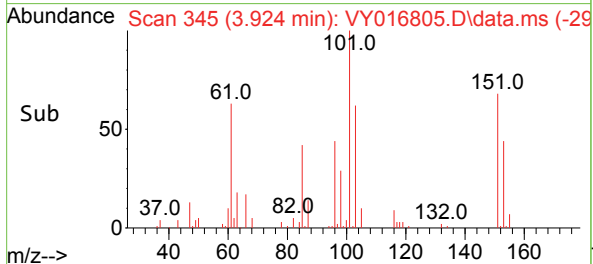
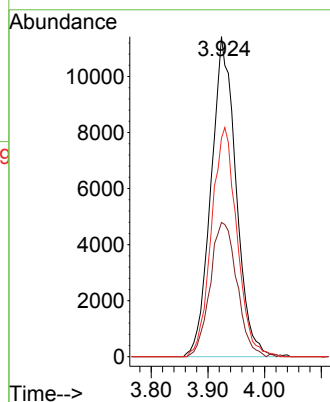
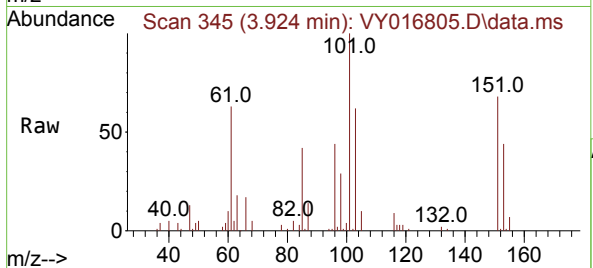




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.024 ug/l
RT: 3.924 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

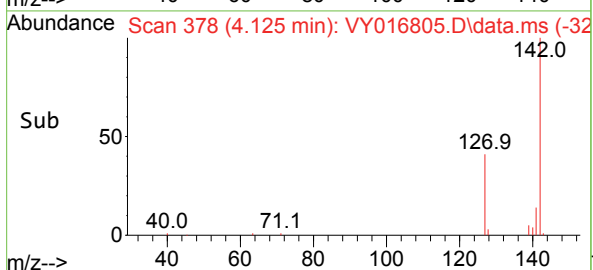
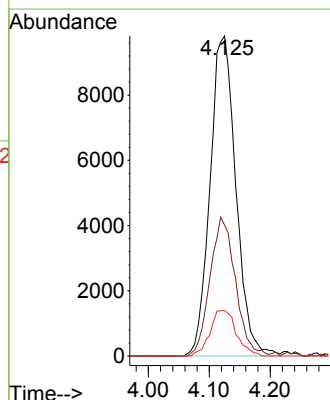
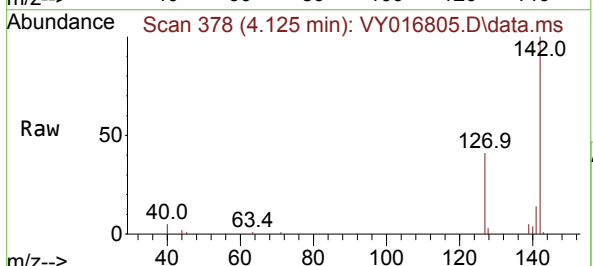
Instrument :
MSVOA_Y
ClientSampleId :

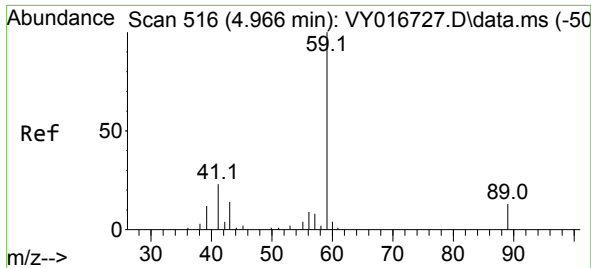
Tgt Ion:101 Resp: 34883
Ion Ratio Lower Upper
101 100
85 45.0 35.8 53.6
151 73.3 58.6 88.0



#10
Methyl Iodide
Concen: 19.141 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.018 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion:142 Resp: 28961
Ion Ratio Lower Upper
142 100
127 42.6 35.1 52.7
141 14.4 11.8 17.6





#11

Tert butyl alcohol

Concen: 144.977 ug/l

RT: 4.972 min Scan# 516

Delta R.T. 0.006 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

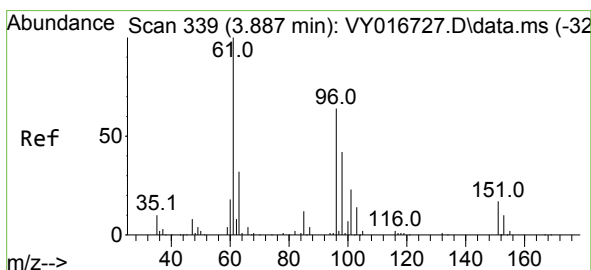
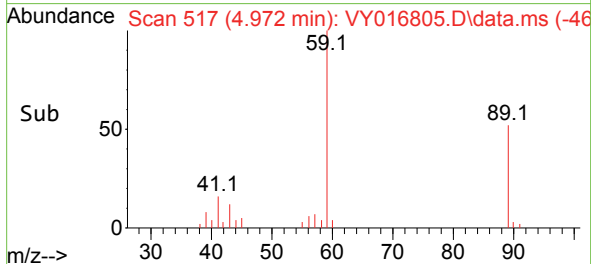
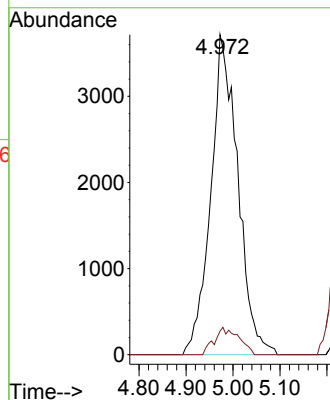
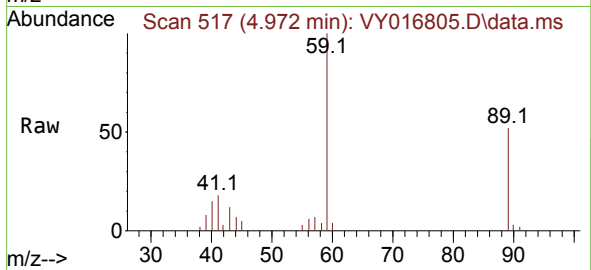
ClientSampleId :

Tgt Ion: 59 Resp: 14860

Ion Ratio Lower Upper

59 100

57 7.7 7.4 11.0



#12

1,1-Dichloroethene

Concen: 23.125 ug/l

RT: 3.899 min Scan# 341

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

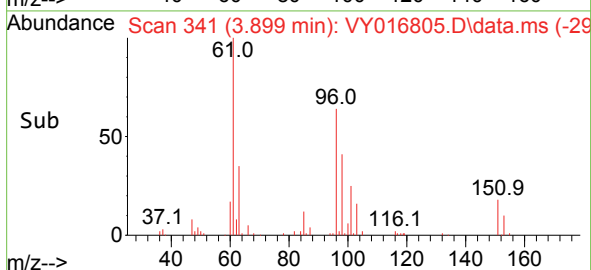
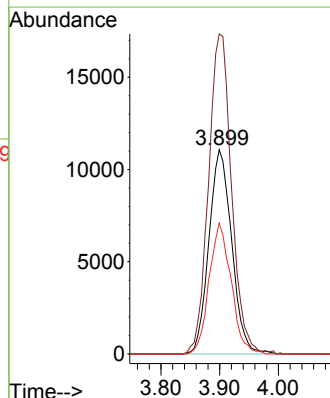
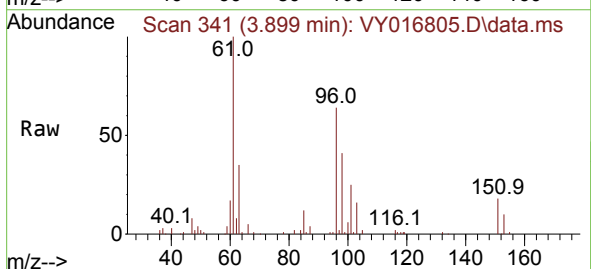
Tgt Ion: 96 Resp: 29896

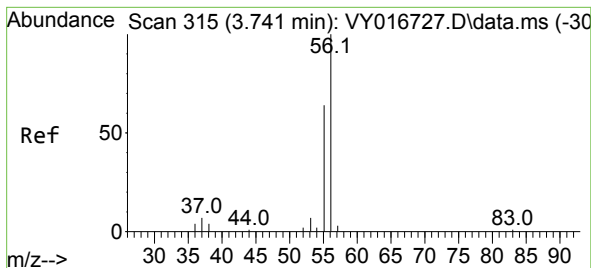
Ion Ratio Lower Upper

96 100

61 156.6 124.2 186.2

98 64.1 52.6 79.0





#13

Acrolein

Concen: 152.369 ug/l

RT: 3.753 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

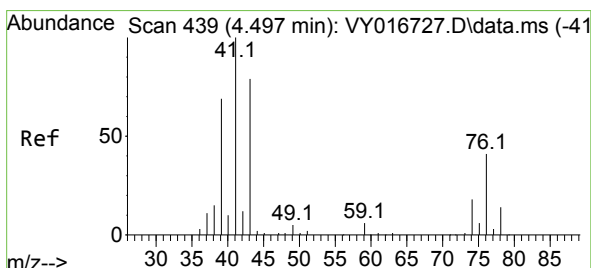
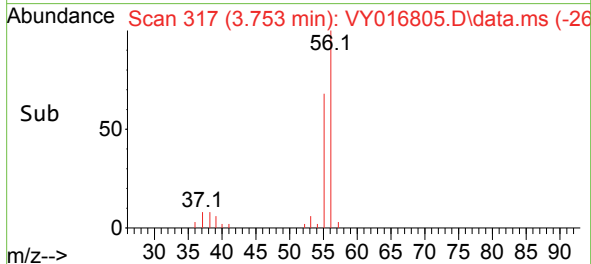
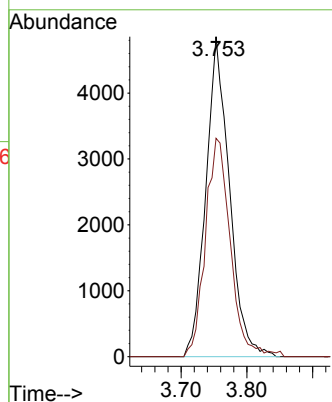
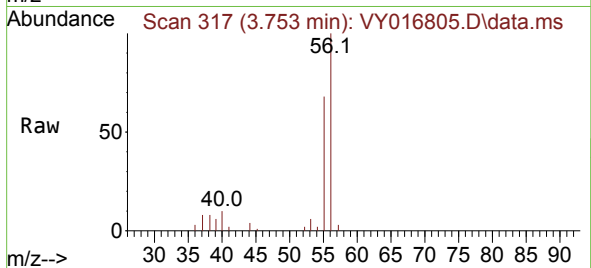
ClientSampleId :

Tgt Ion: 56 Resp: 12050

Ion Ratio Lower Upper

56 100

55 72.5 55.4 83.0



#14

Allyl chloride

Concen: 23.442 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

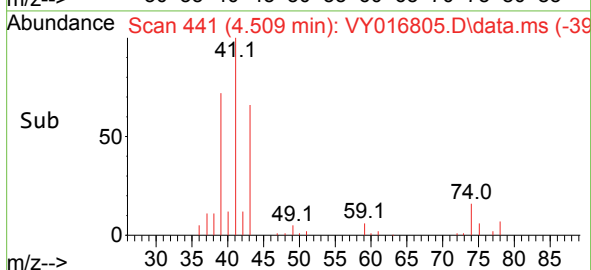
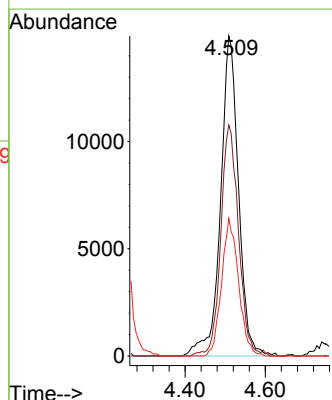
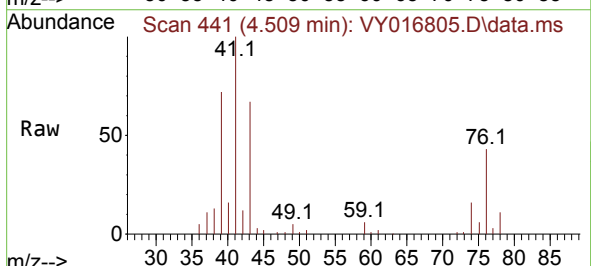
Tgt Ion: 41 Resp: 46419

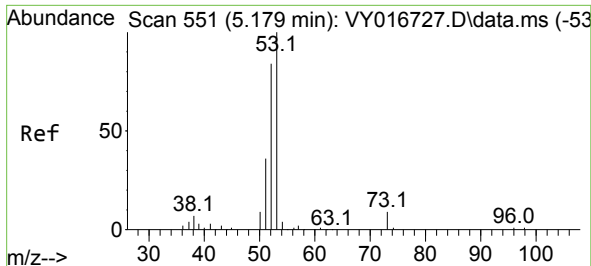
Ion Ratio Lower Upper

41 100

39 71.4 54.7 82.1

76 40.6 31.8 47.6

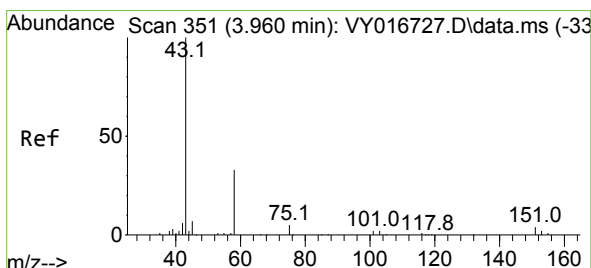
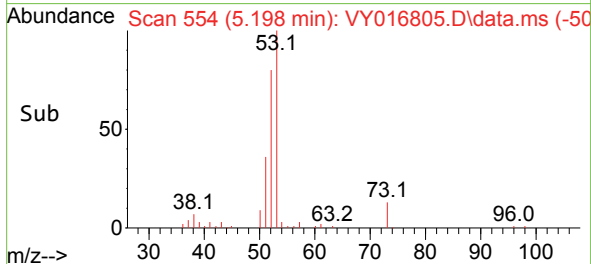
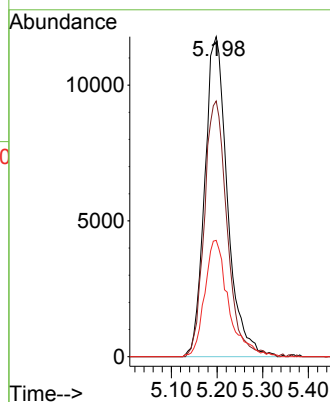
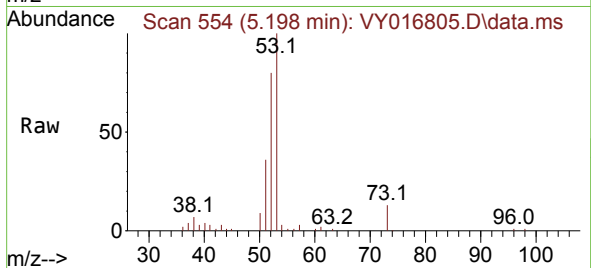




#15
Acrylonitrile
Concen: 127.039 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

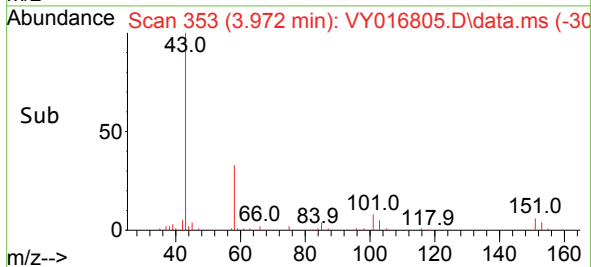
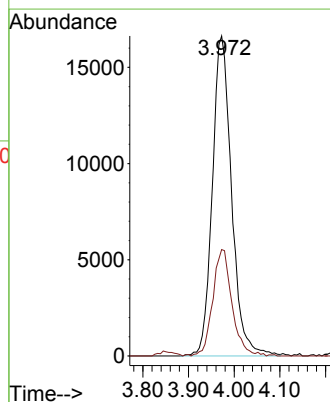
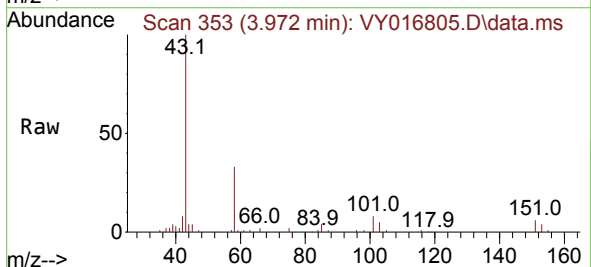
Instrument :
MSVOA_Y
ClientSampleId :

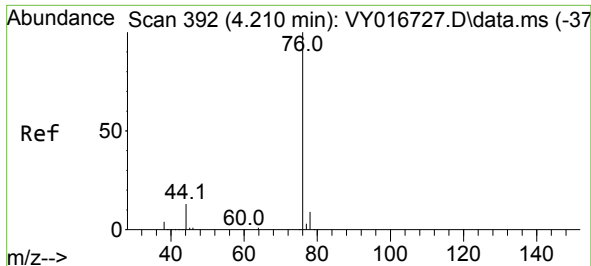
Tgt Ion: 53 Resp: 40736
Ion Ratio Lower Upper
53 100
52 80.0 65.1 97.7
51 38.3 29.0 43.4



#16
Acetone
Concen: 143.941 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion: 43 Resp: 48659
Ion Ratio Lower Upper
43 100
58 33.2 26.6 39.8

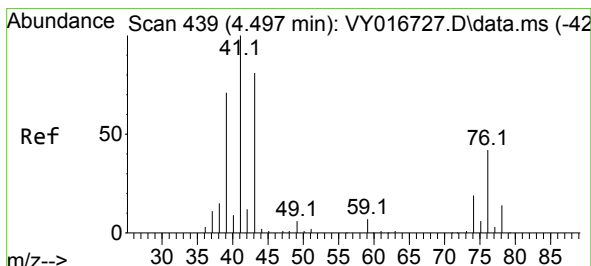
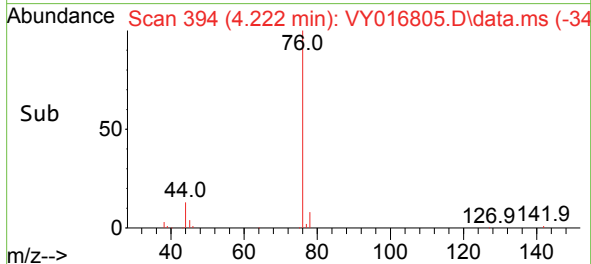
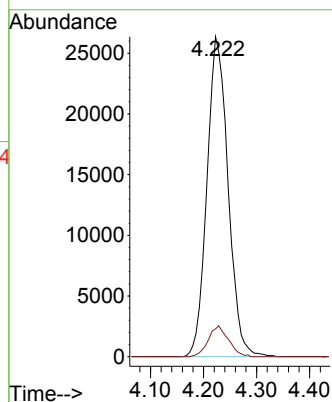
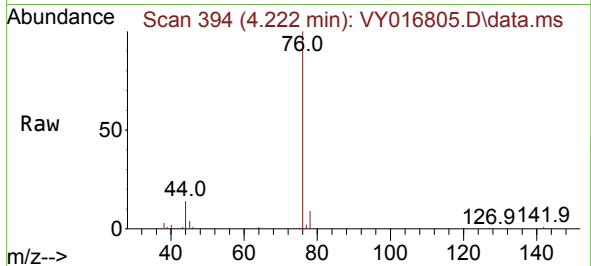




#17
Carbon Disulfide
Concen: 20.760 ug/l
RT: 4.222 min Scan# 394
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

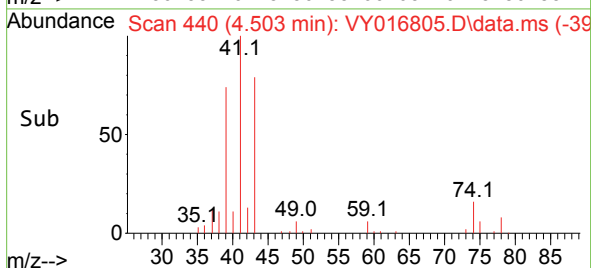
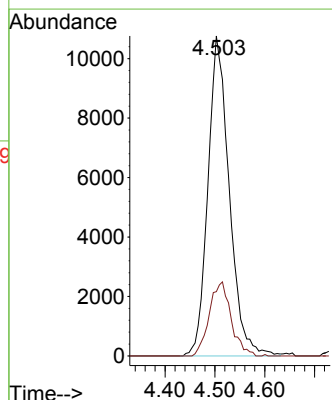
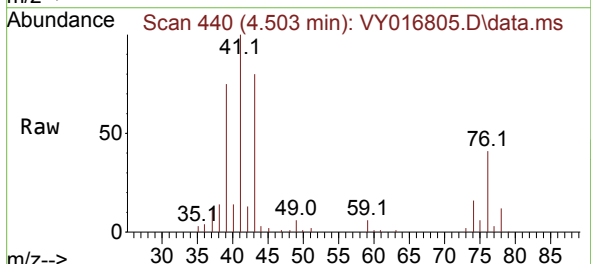
Instrument :
MSVOA_Y
ClientSampleId :

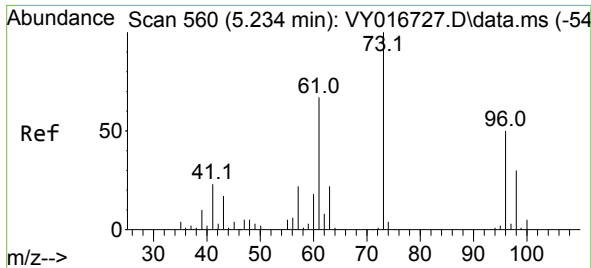
Tgt Ion: 76 Resp: 73025
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 24.232 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion: 43 Resp: 32012
Ion Ratio Lower Upper
43 100
74 23.7 19.8 29.6

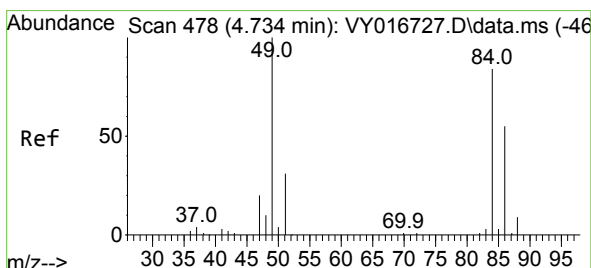
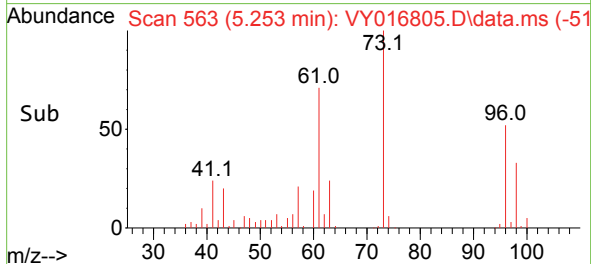
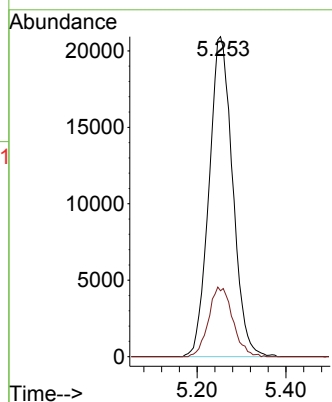
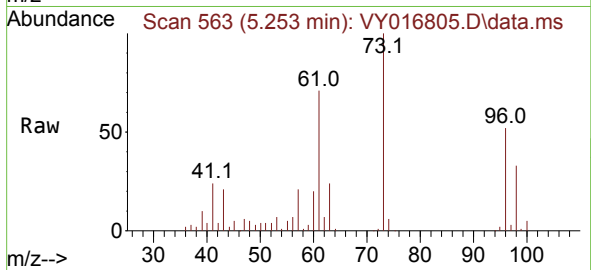




#19
Methyl tert-butyl Ether
Concen: 23.195 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

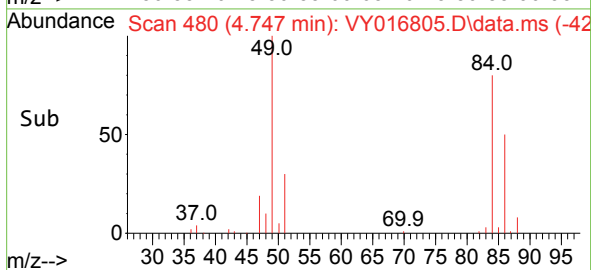
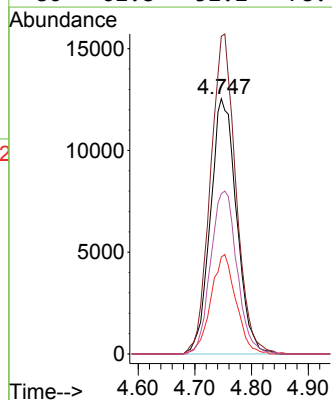
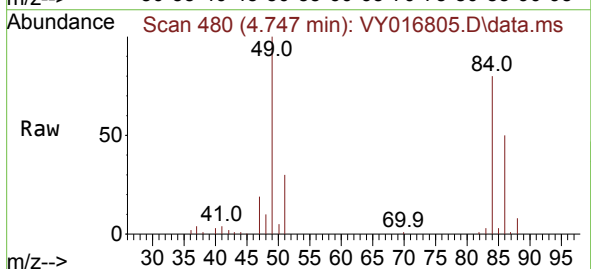
Instrument :
MSVOA_Y
ClientSampleId :

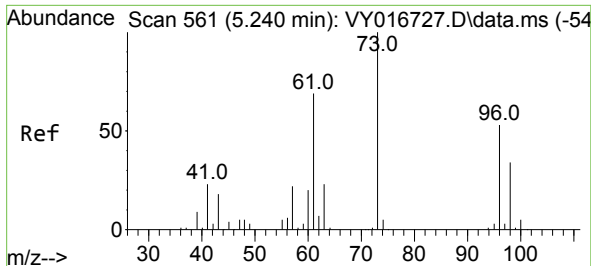
Tgt Ion: 73 Resp: 77158
Ion Ratio Lower Upper
73 100
57 20.6 17.7 26.5



#20
Methylene Chloride
Concen: 21.158 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion: 84 Resp: 40148
Ion Ratio Lower Upper
84 100
49 124.6 95.2 142.8
51 38.0 29.9 44.9
86 62.8 52.2 78.4

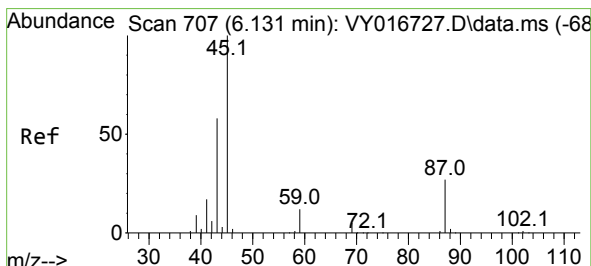
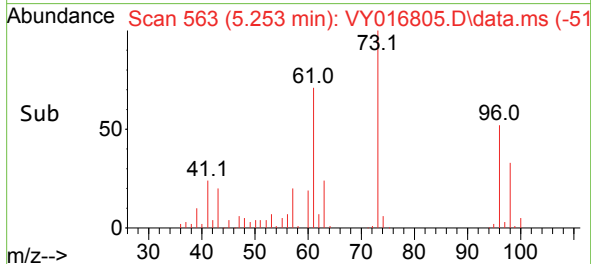
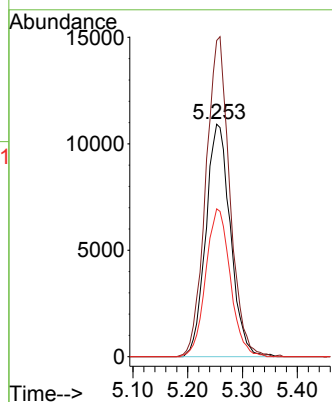
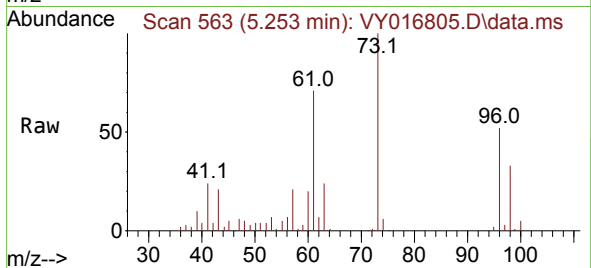




#21
trans-1,2-Dichloroethene
Concen: 22.993 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

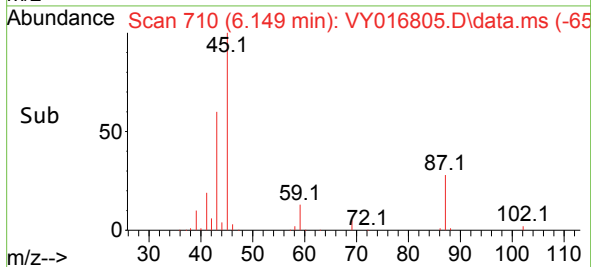
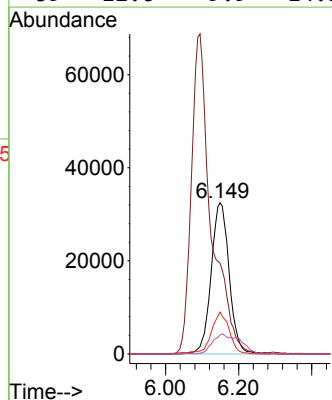
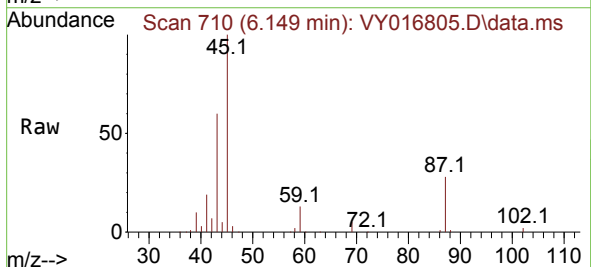
Instrument :
MSVOA_Y
ClientSampleId :

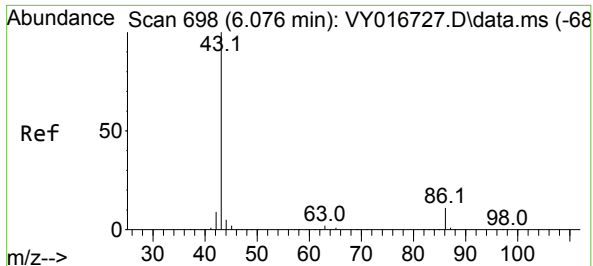
Tgt Ion: 96 Resp: 33902
Ion Ratio Lower Upper
96 100
61 135.5 104.6 156.8
98 63.6 50.9 76.3



#22
Diisopropyl ether
Concen: 24.787 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.018 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion: 45 Resp: 111040
Ion Ratio Lower Upper
45 100
43 59.3 46.8 70.2
87 27.7 22.2 33.2
59 12.6 9.9 14.9

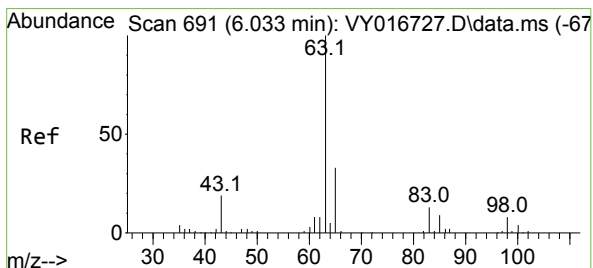
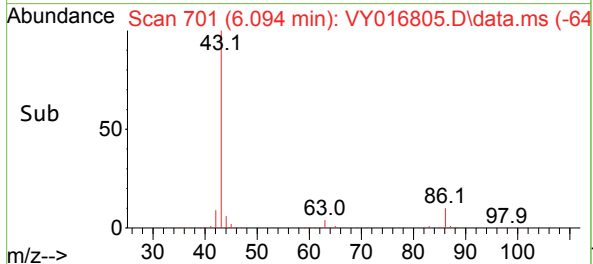
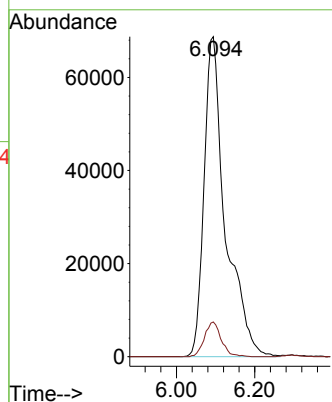
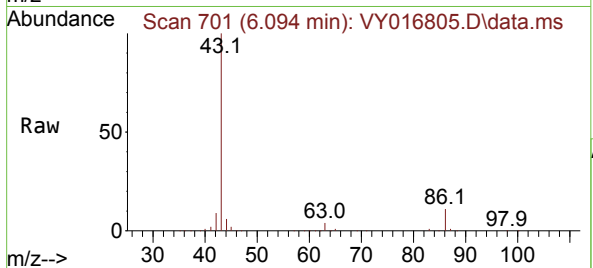




#23
 Vinyl Acetate
 Concen: 122.486 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.018 min
 Lab File: VY016805.D
 Acq: 22 Dec 2023 14:02

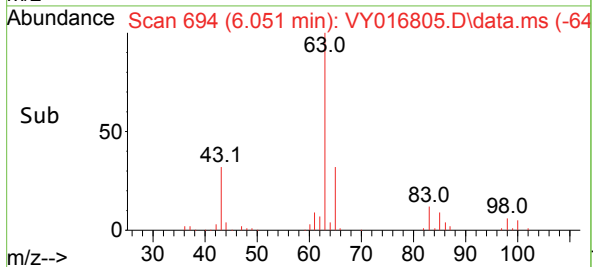
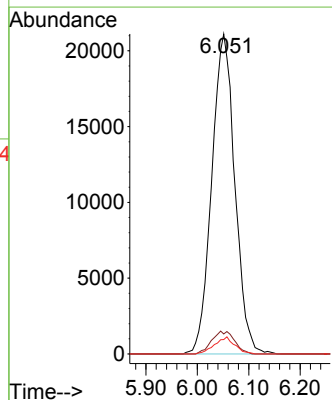
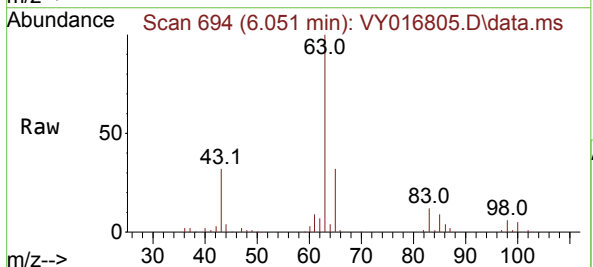
Instrument :
 MSVOA_Y
 ClientSampleId :

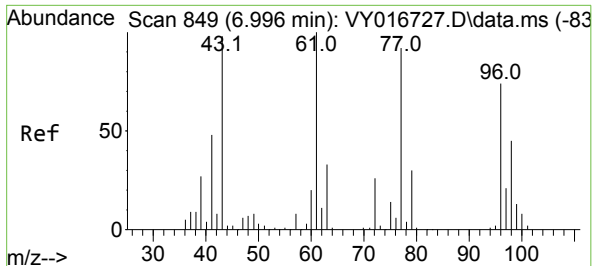
Tgt Ion: 43 Resp: 259517
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 24.487 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.018 min
 Lab File: VY016805.D
 Acq: 22 Dec 2023 14:02

Tgt Ion: 63 Resp: 65897
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.8 11.4
 100 4.5 2.1 6.2





#25

2-Butanone

Concen: 132.982 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

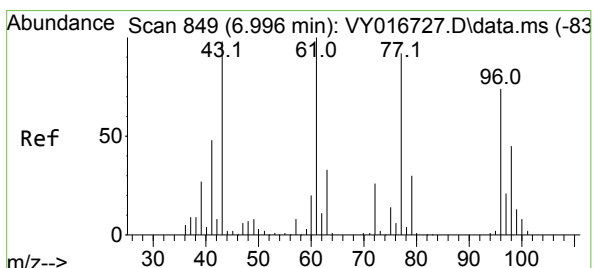
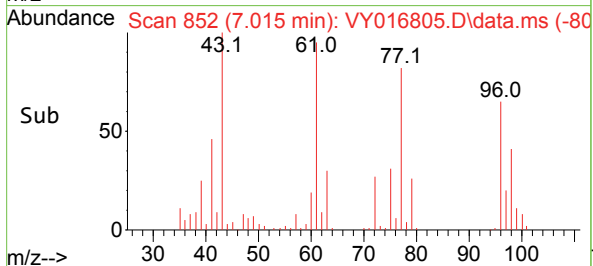
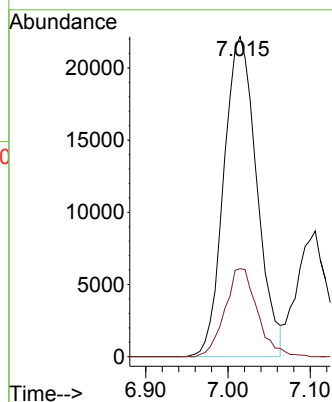
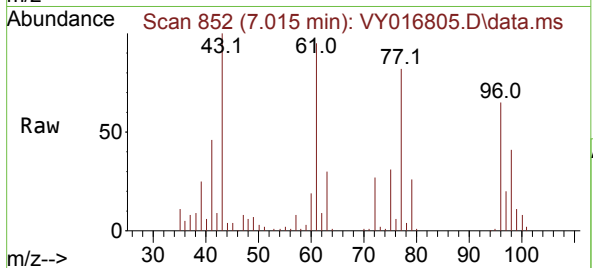
ClientSampleId :

Tgt Ion: 43 Resp: 61894

Ion Ratio Lower Upper

43 100

72 27.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 23.707 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.018 min

Lab File: VY016805.D

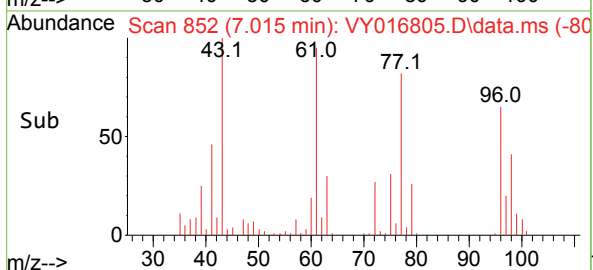
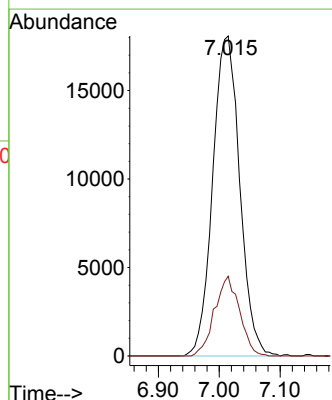
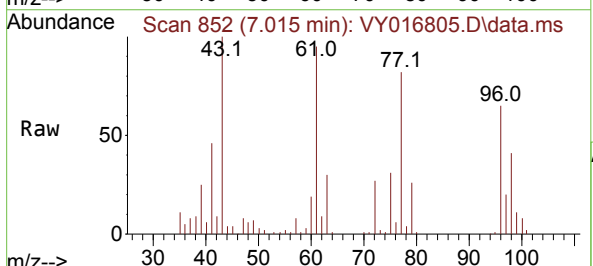
Acq: 22 Dec 2023 14:02

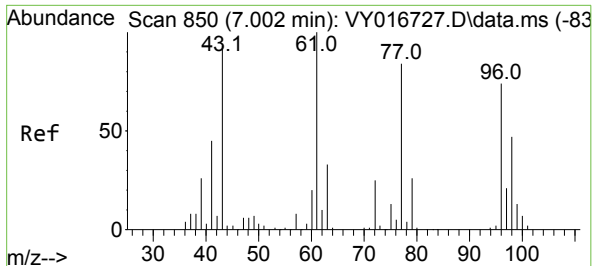
Tgt Ion: 77 Resp: 55672

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 23.502 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

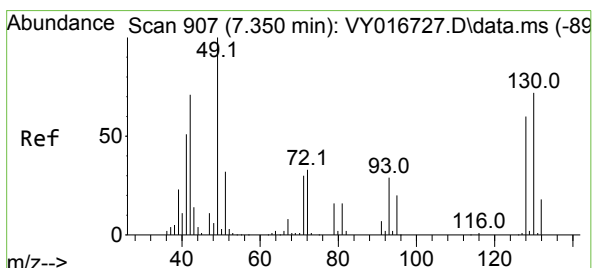
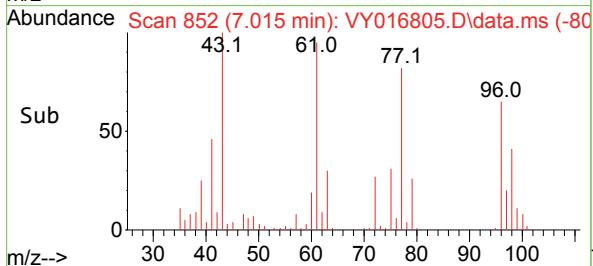
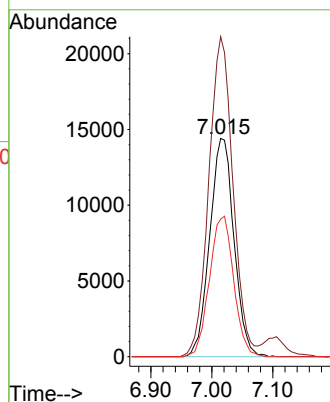
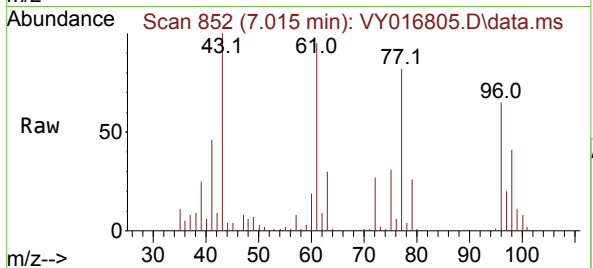
Tgt Ion: 96 Resp: 39881

Ion Ratio Lower Upper

96 100

61 146.0 0.0 278.8

98 64.3 0.0 127.0



#28

Bromochloromethane

Concen: 21.584 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

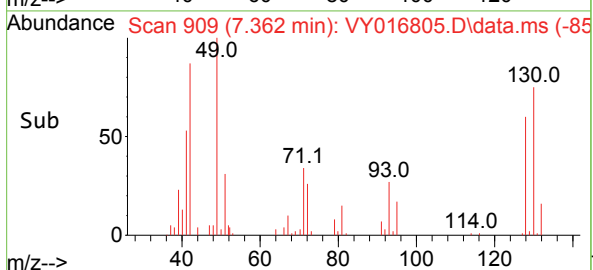
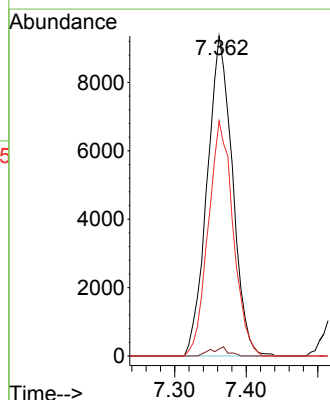
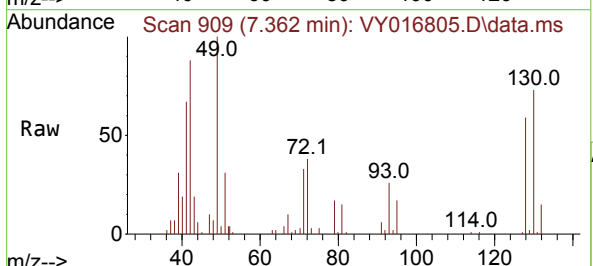
Tgt Ion: 49 Resp: 22989

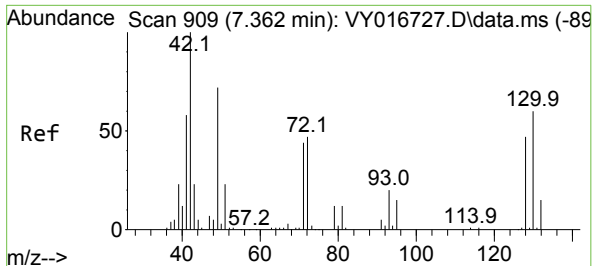
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 72.4 59.8 89.8





#29

Tetrahydrofuran

Concen: 125.412 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

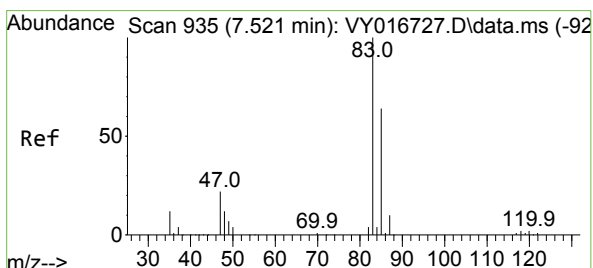
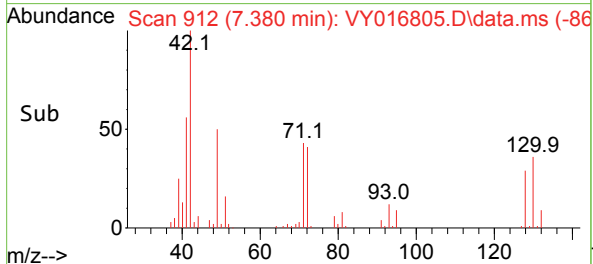
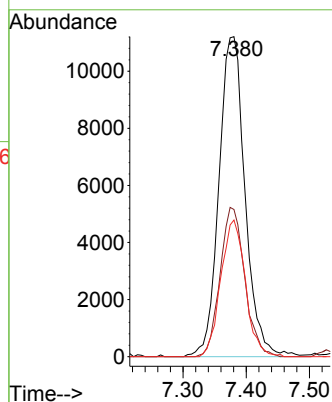
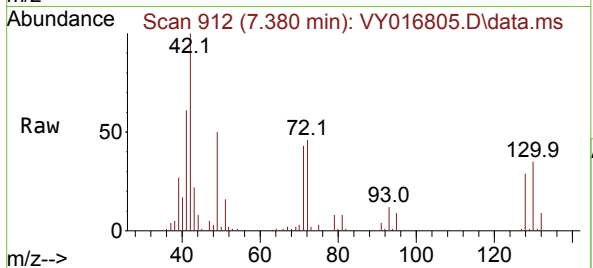
Tgt Ion: 42 Resp: 31917

Ion Ratio Lower Upper

42 100

72 44.3 36.6 54.8

71 40.5 33.8 50.6



#30

Chloroform

Concen: 24.797 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY016805.D

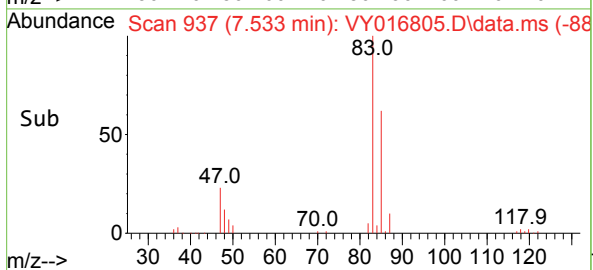
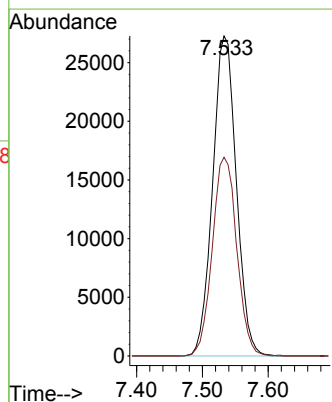
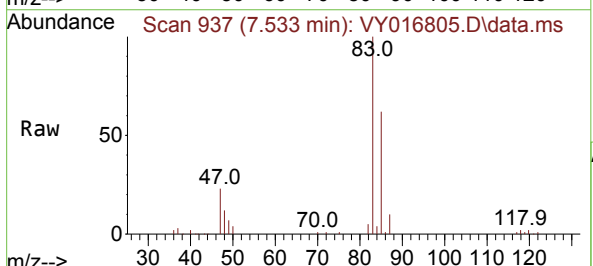
Acq: 22 Dec 2023 14:02

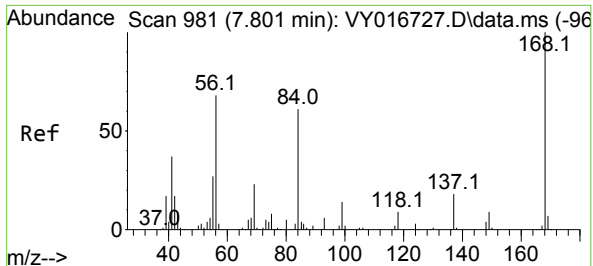
Tgt Ion: 83 Resp: 68312

Ion Ratio Lower Upper

83 100

85 62.1 51.2 76.8

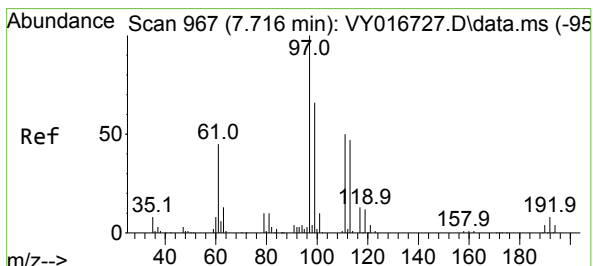
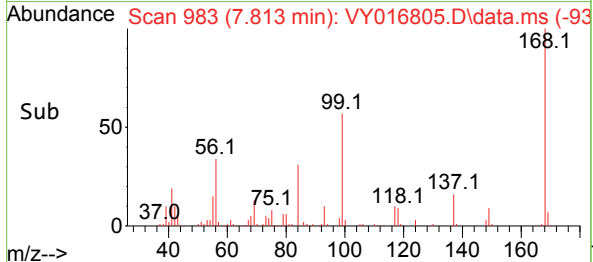
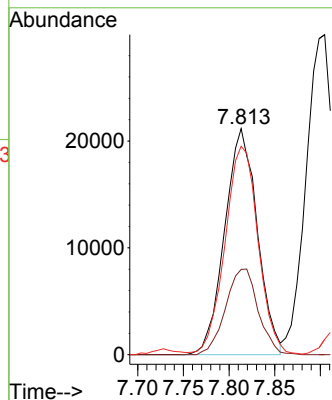
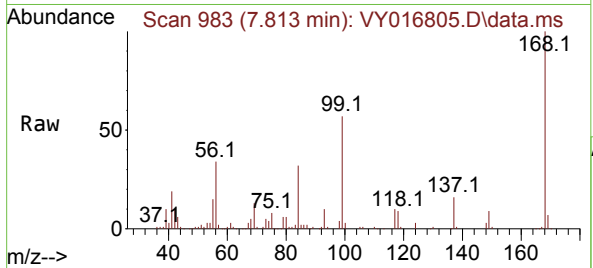




#31
Cyclohexane
Concen: 21.901 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

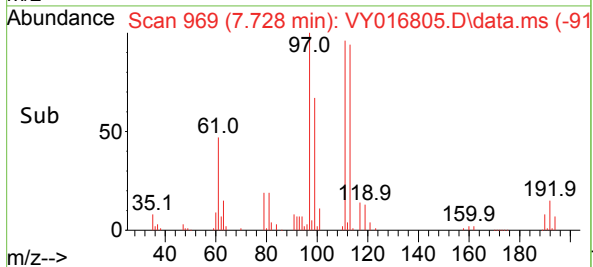
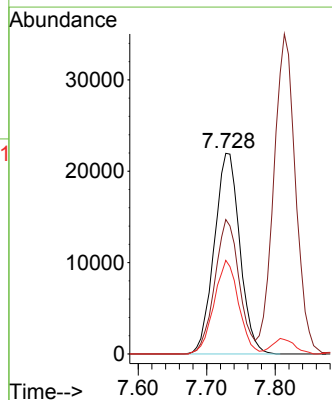
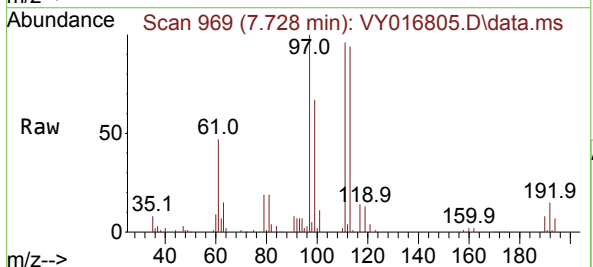
Instrument :
MSVOA_Y
ClientSampleId :

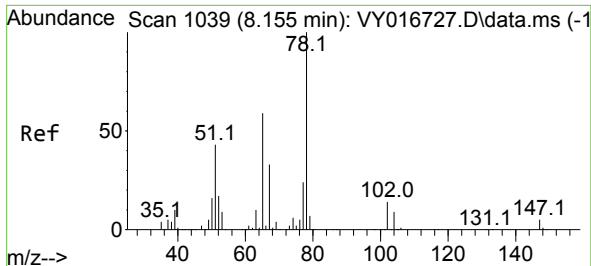
Tgt Ion: 56 Resp: 52457
Ion Ratio Lower Upper
56 100
69 37.7 27.0 40.6
84 90.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 23.461 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion: 97 Resp: 56734
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 44.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 61.000 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

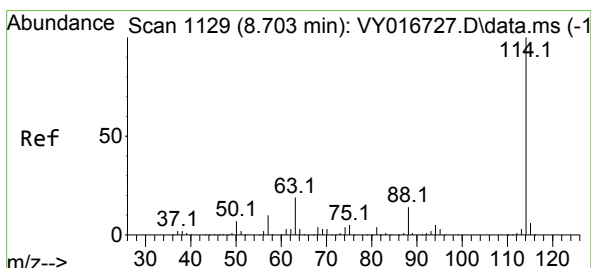
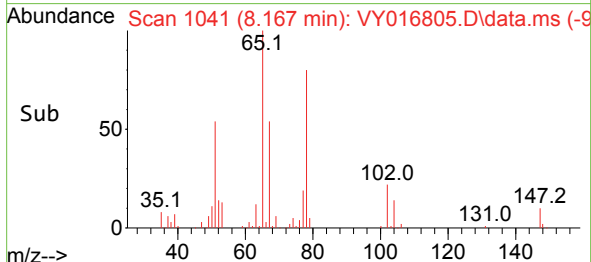
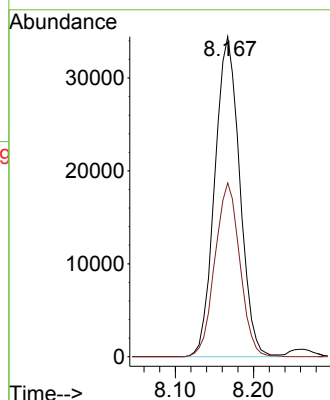
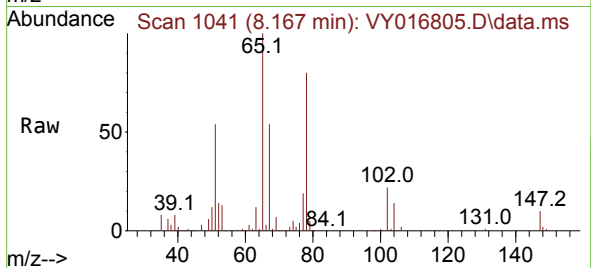
ClientSampleId :

Tgt Ion: 65 Resp: 76258

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

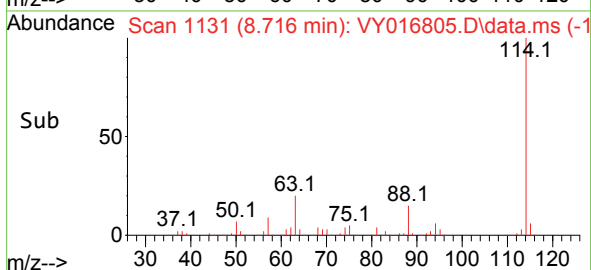
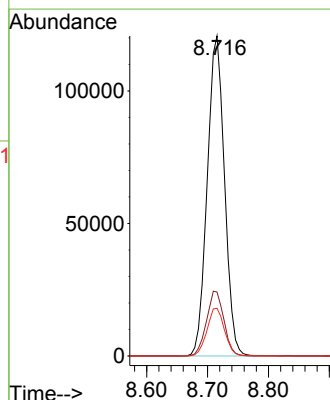
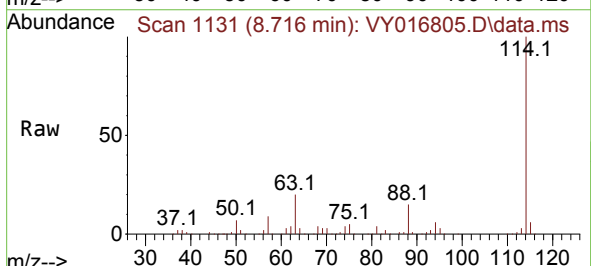
Tgt Ion:114 Resp: 237820

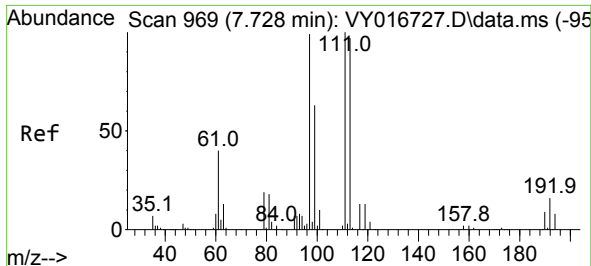
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

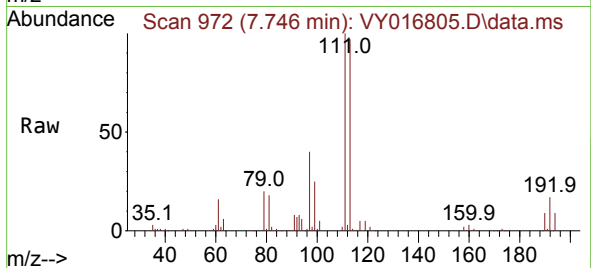
88 14.9 0.0 29.0



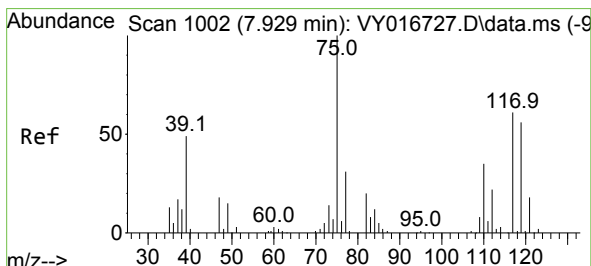
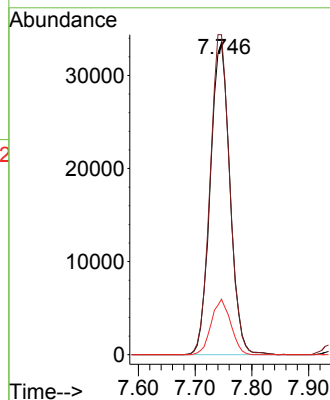
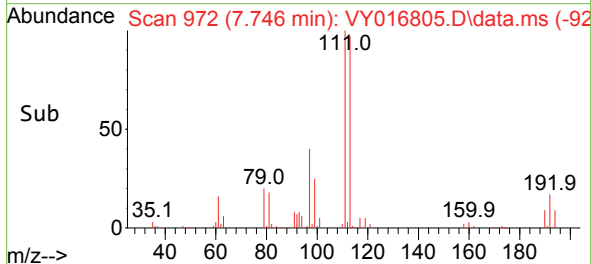


#35
 Dibromofluoromethane
 Concen: 59.176 ug/l
 RT: 7.746 min Scan# 91
 Delta R.T. 0.018 min
 Lab File: VY016805.D
 Acq: 22 Dec 2023 14:02

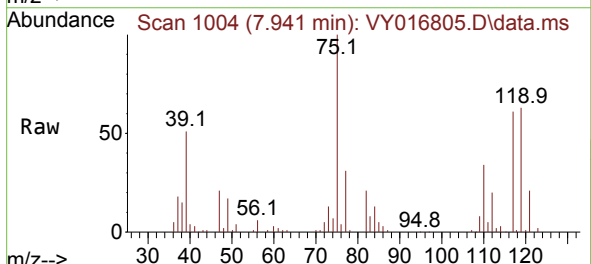
Instrument :
 MSVOA_Y
 ClientSampleId :



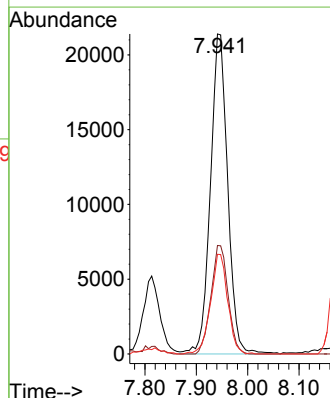
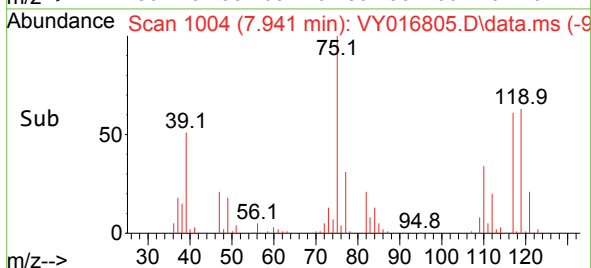
Tgt Ion:113 Resp: 80615
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.8 125.6
 192 17.6 14.5 21.7

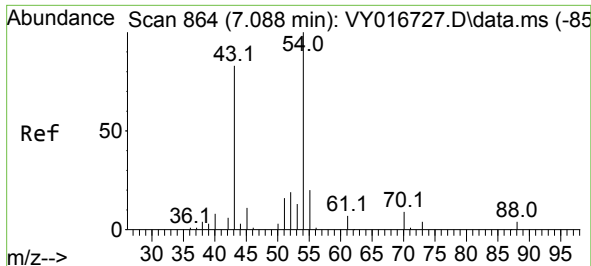


#36
 1,1-Dichloropropene
 Concen: 22.853 ug/l
 RT: 7.941 min Scan# 1004
 Delta R.T. 0.012 min
 Lab File: VY016805.D
 Acq: 22 Dec 2023 14:02



Tgt Ion: 75 Resp: 49911
 Ion Ratio Lower Upper
 75 100
 110 33.5 17.4 52.3
 77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 24.863 ug/l

RT: 7.106 min Scan# 80

Delta R.T. 0.018 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

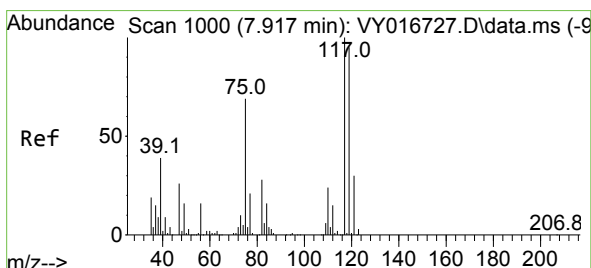
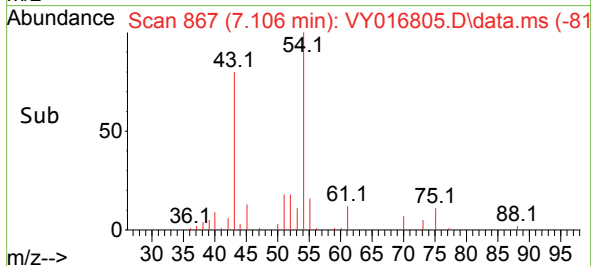
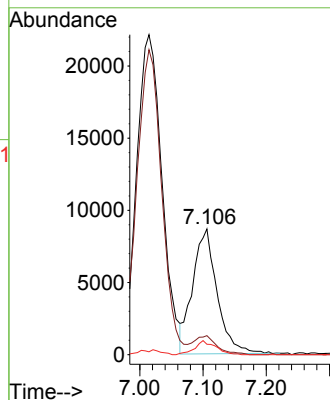
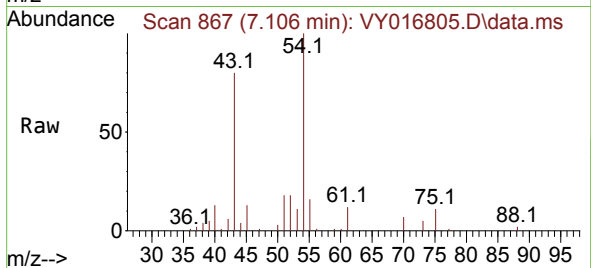
Tgt Ion: 43 Resp: 23274

Ion Ratio Lower Upper

43 100

61 14.3 11.0 16.6

70 9.5 8.1 12.1



#38

Carbon Tetrachloride

Concen: 22.588 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

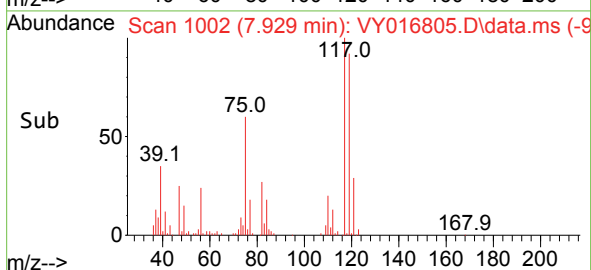
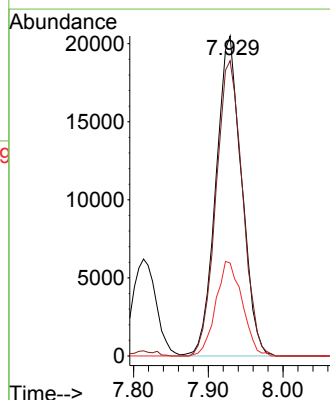
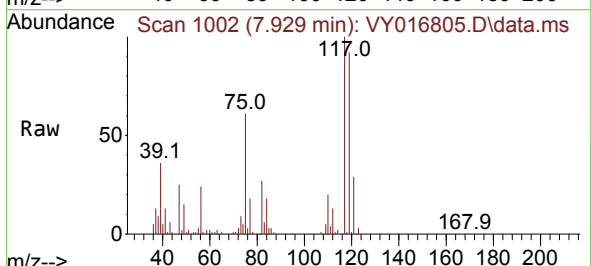
Tgt Ion: 117 Resp: 48816

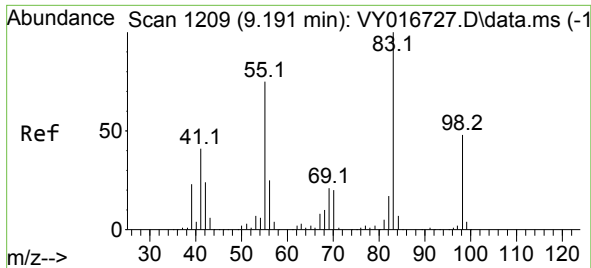
Ion Ratio Lower Upper

117 100

119 92.3 76.0 114.0

121 29.1 24.2 36.2

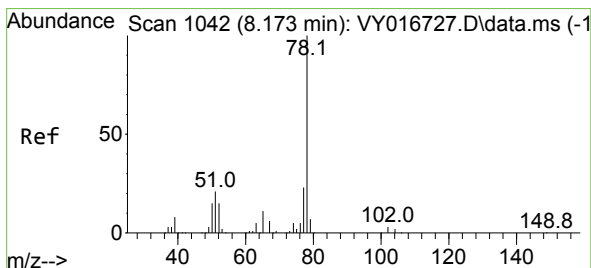
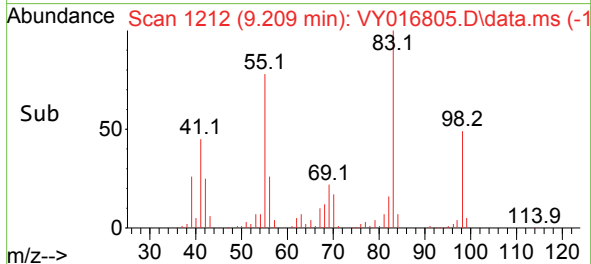
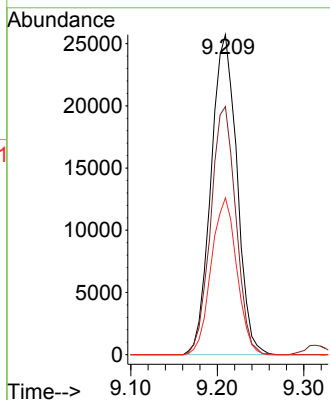
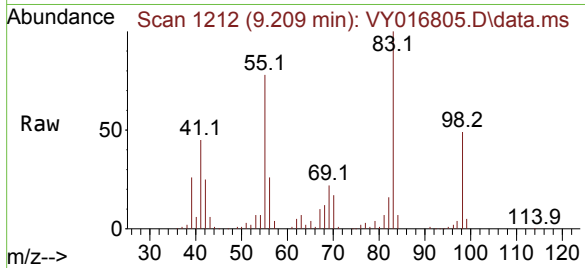




#39
Methylcyclohexane
Concen: 21.185 ug/l
RT: 9.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

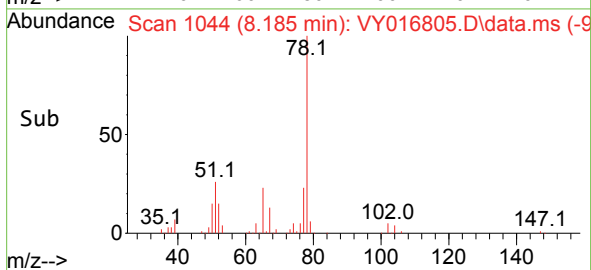
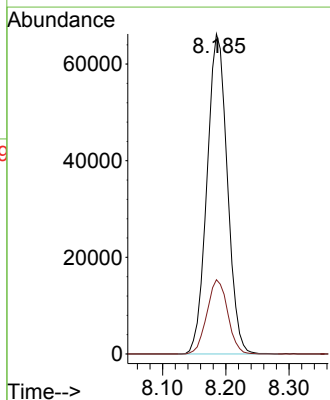
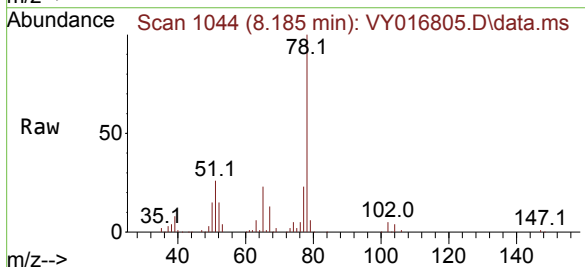
Instrument :
MSVOA_Y
ClientSampleId :

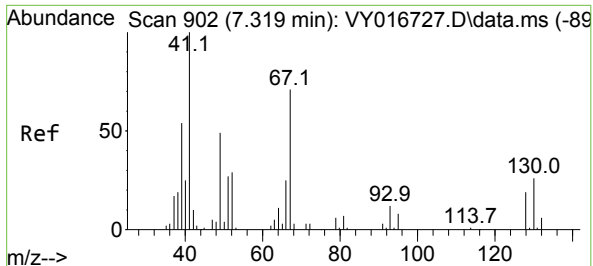
Tgt Ion: 83 Resp: 53418
Ion Ratio Lower Upper
83 100
55 77.5 59.7 89.5
98 49.0 38.0 57.0



#40
Benzene
Concen: 23.260 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

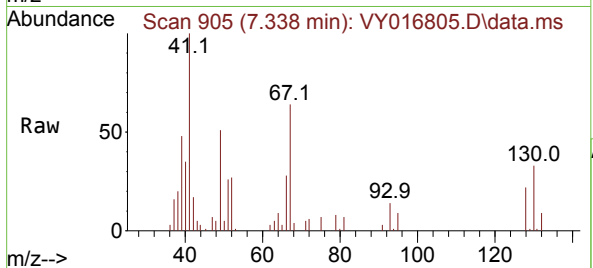
Tgt Ion: 78 Resp: 147824
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2



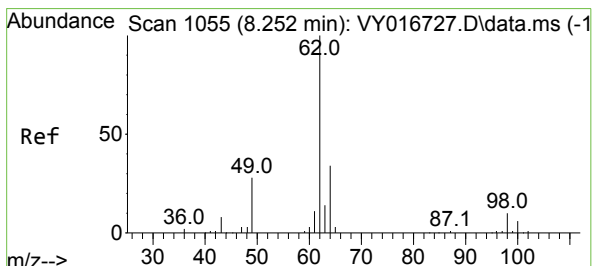
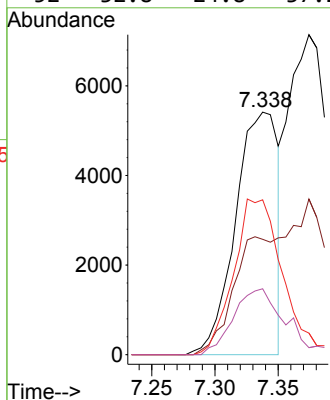
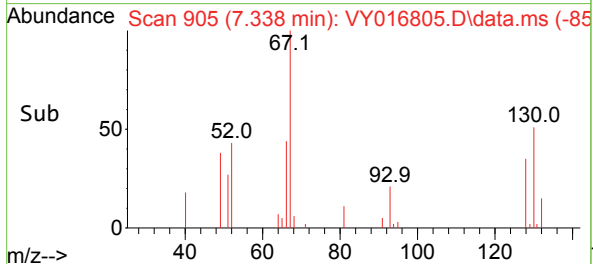


#41
Methacrylonitrile
Concen: 25.464 ug/l
RT: 7.338 min Scan# 902
Delta R.T. 0.018 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Instrument :
MSVOA_Y
ClientSampleId :

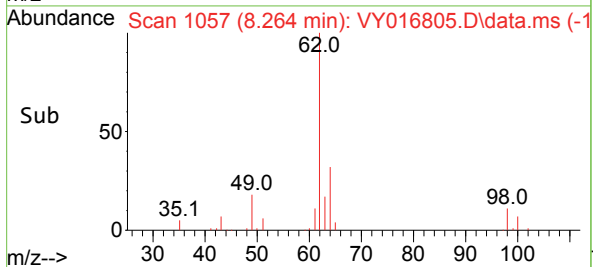
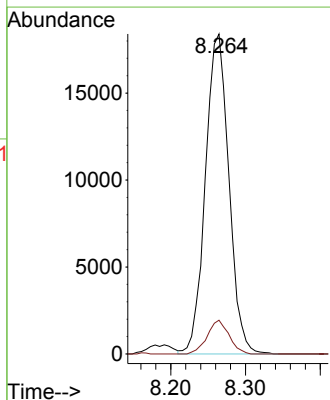
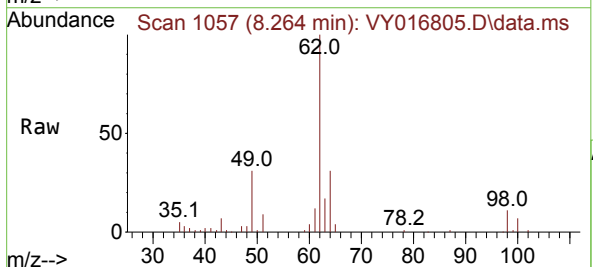


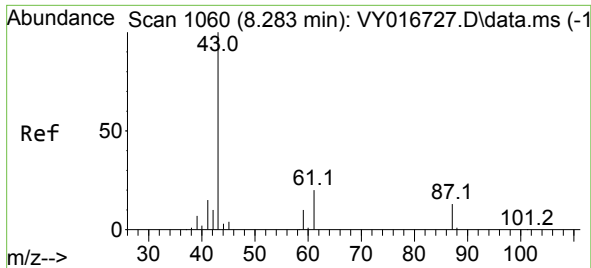
Tgt Ion:	41	Resp:	12656
Ion	Ratio	Lower	Upper
41	100		
39	43.8	41.9	62.9
67	73.7	59.8	89.6
52	32.8	24.8	37.2



#42
1,2-Dichloroethane
Concen: 24.235 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion:	62	Resp:	40183
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2

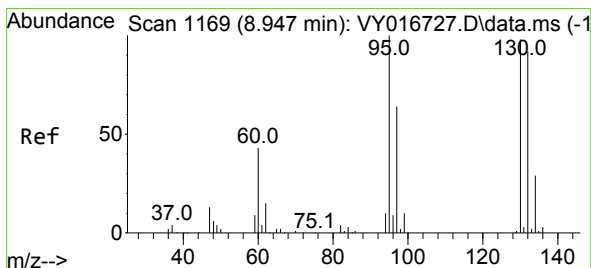
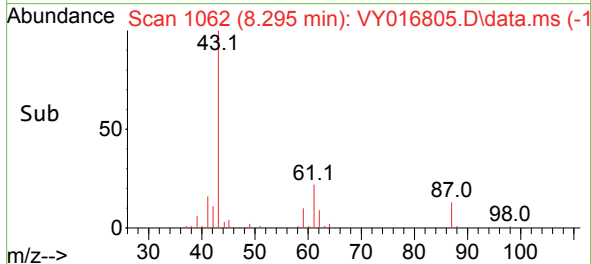
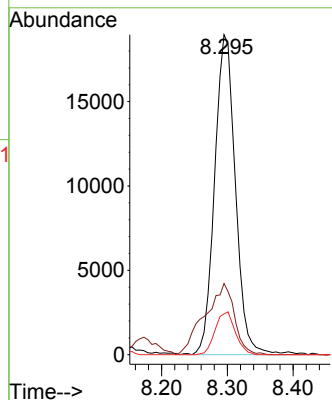
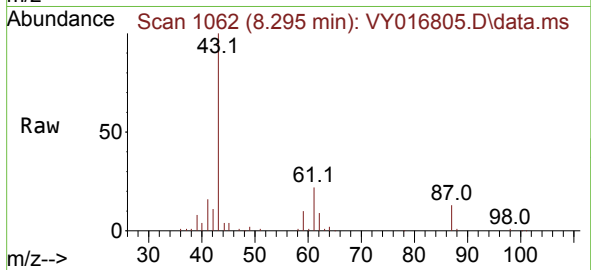




#43
Isopropyl Acetate
Concen: 22.906 ug/l
RT: 8.295 min Scan# 1172
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

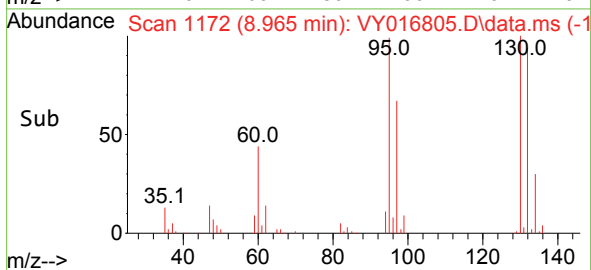
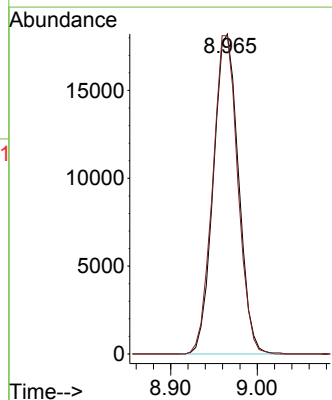
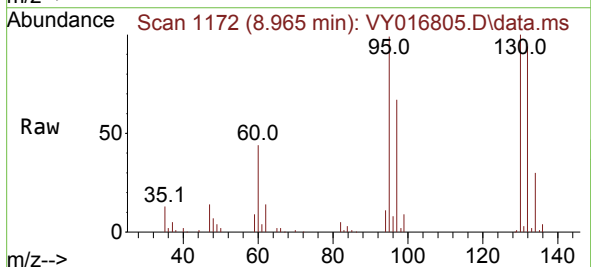
Instrument :
MSVOA_Y
ClientSampleId :

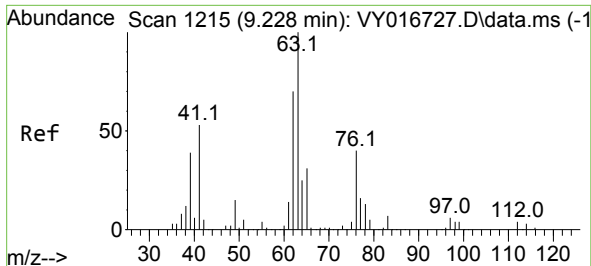
Tgt Ion: 43 Resp: 41646
Ion Ratio Lower Upper
43 100
61 31.7 24.8 37.2
87 13.0 10.7 16.1



#44
Trichloroethene
Concen: 22.574 ug/l
RT: 8.965 min Scan# 1172
Delta R.T. 0.018 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion:130 Resp: 36617
Ion Ratio Lower Upper
130 100
95 99.5 0.0 203.8





#45

1,2-Dichloropropane

Concen: 23.963 ug/l

RT: 9.240 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

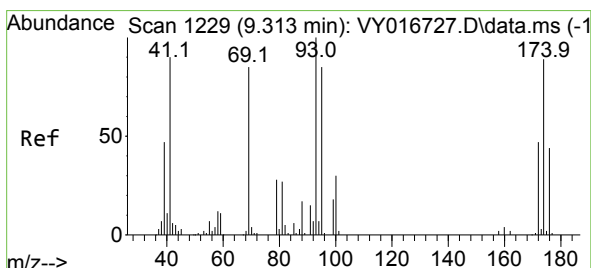
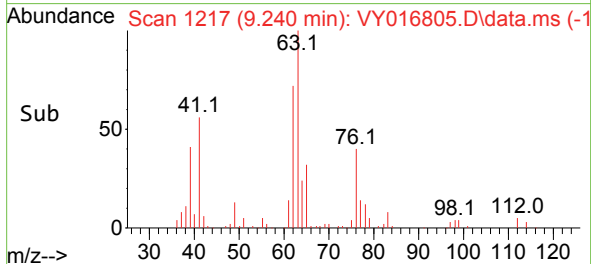
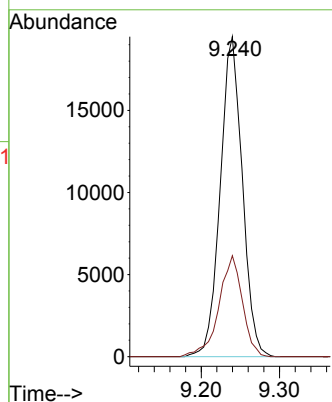
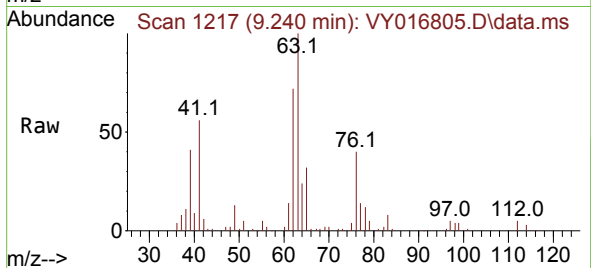
ClientSampleId :

Tgt Ion: 63 Resp: 38202

Ion Ratio Lower Upper

63 100

65 31.5 24.6 36.8



#46

Dibromomethane

Concen: 23.696 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

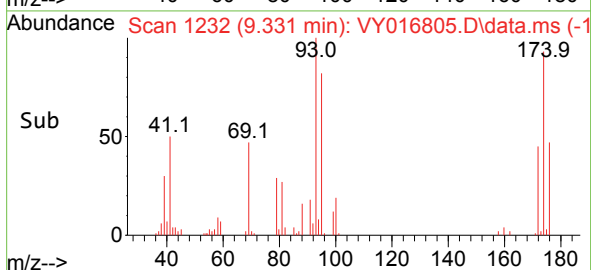
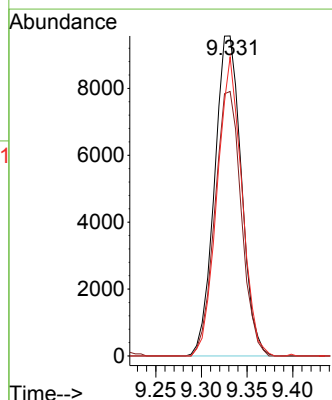
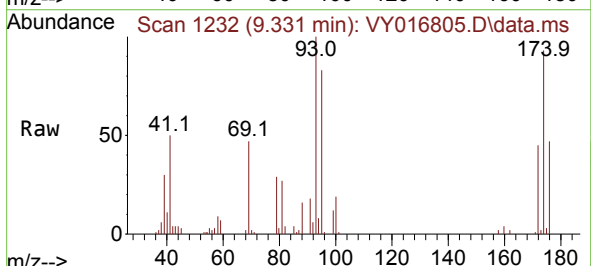
Tgt Ion: 93 Resp: 19516

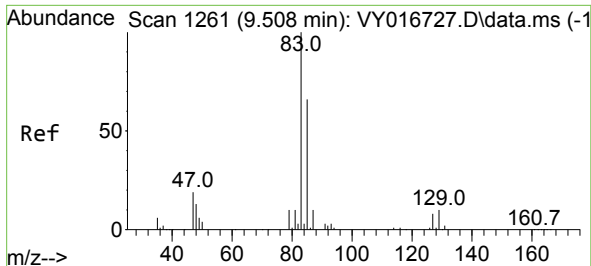
Ion Ratio Lower Upper

93 100

95 81.6 66.6 99.8

174 86.1 73.8 110.6

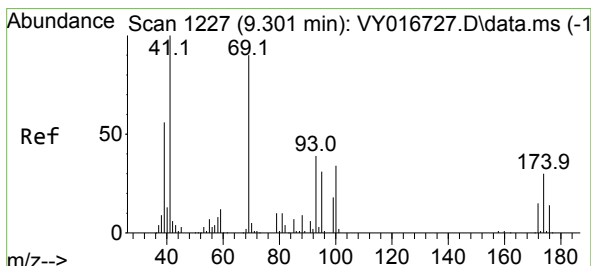
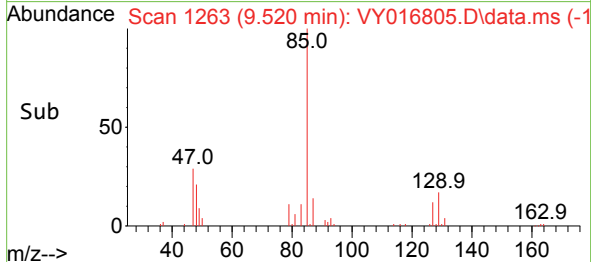
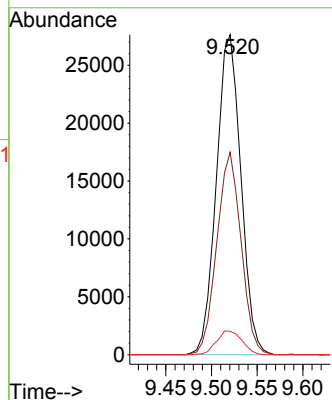
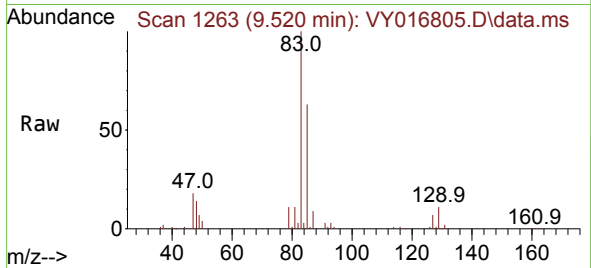




#47
Bromodichloromethane
Concen: 23.780 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

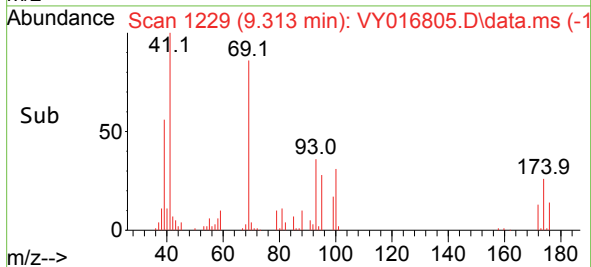
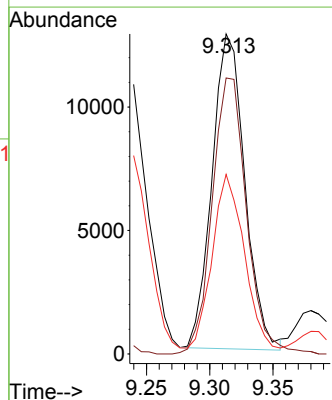
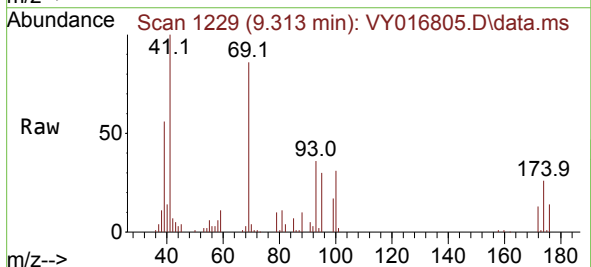
Instrument :
MSVOA_Y
ClientSampleId :

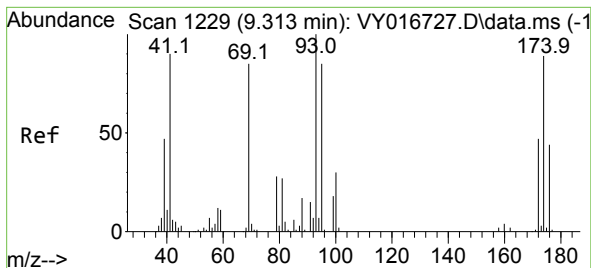
Tgt Ion: 83 Resp: 51620
Ion Ratio Lower Upper
83 100
85 63.3 53.2 79.8
127 7.3 6.4 9.6



#48
Methyl methacrylate
Concen: 22.750 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion: 41 Resp: 22988
Ion Ratio Lower Upper
41 100
69 91.9 72.1 108.1
39 56.5 42.8 64.2





#49

1,4-Dioxane

Concen: 480.882 ug/l

RT: 9.325 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

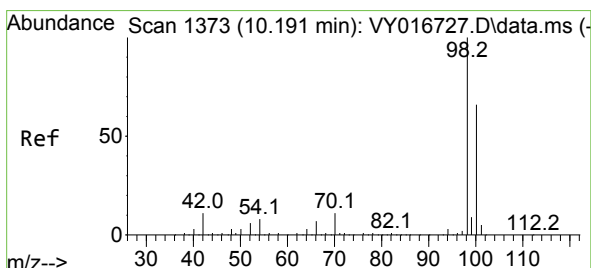
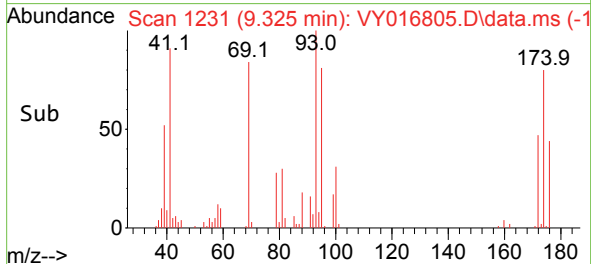
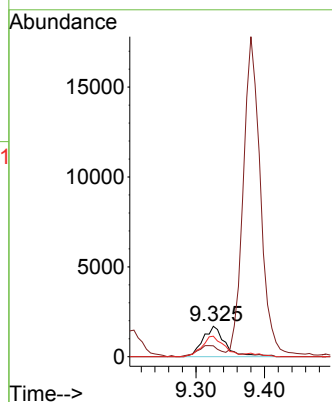
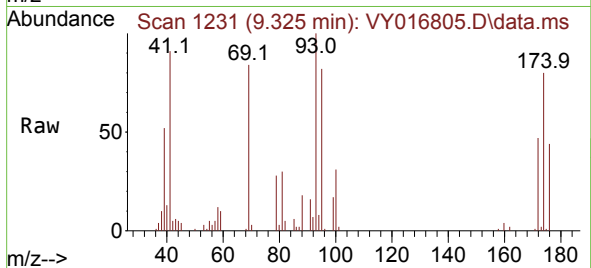
Tgt Ion: 88 Resp: 3844

Ion Ratio Lower Upper

88 100

43 36.6 28.2 42.4

58 67.2 52.2 78.2



#50

Toluene-d8

Concen: 59.012 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016805.D

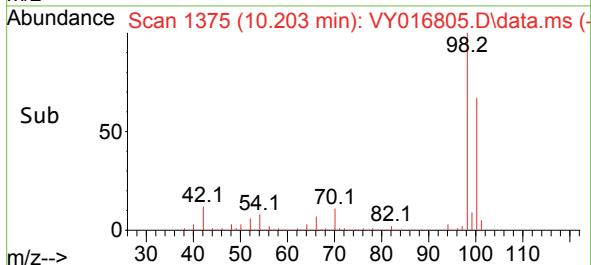
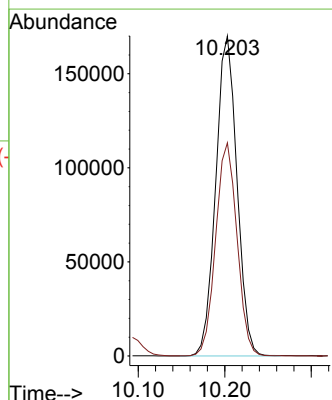
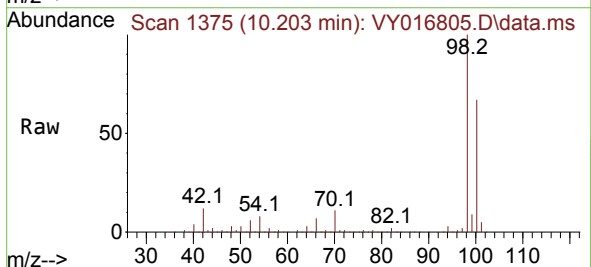
Acq: 22 Dec 2023 14:02

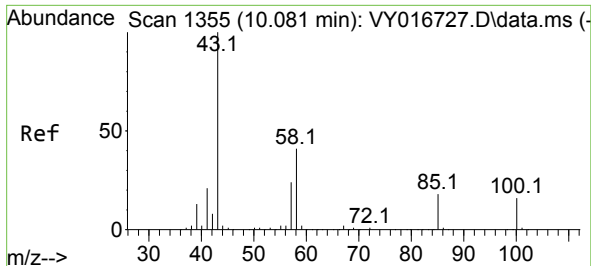
Tgt Ion: 98 Resp: 289805

Ion Ratio Lower Upper

98 100

100 67.0 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 119.751 ug/l

RT: 10.093 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

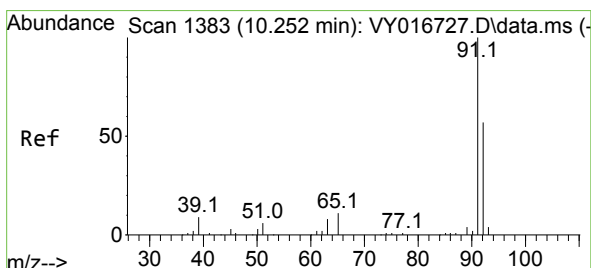
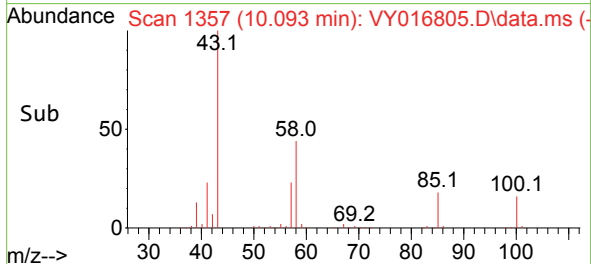
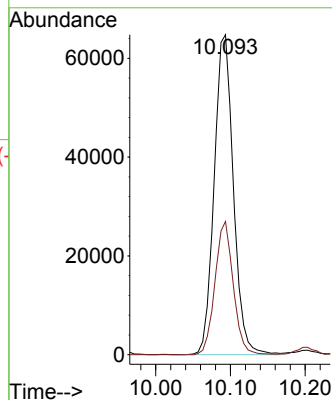
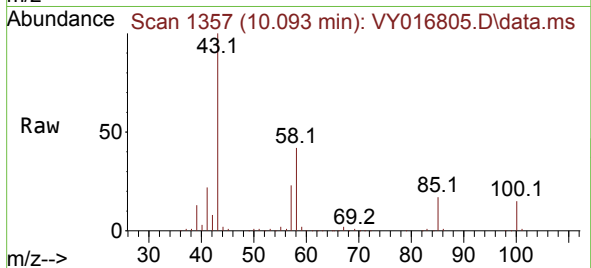
ClientSampleId :

Tgt Ion: 43 Resp: 116004

Ion Ratio Lower Upper

43 100

58 39.6 32.2 48.2



#52

Toluene

Concen: 23.139 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY016805.D

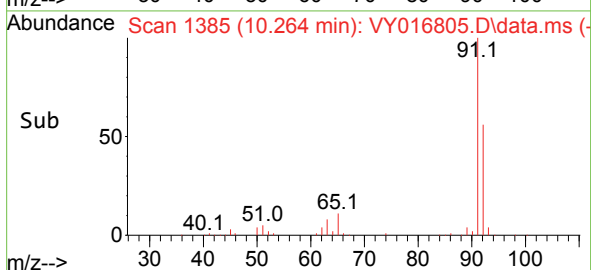
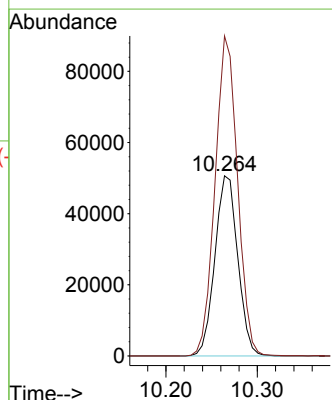
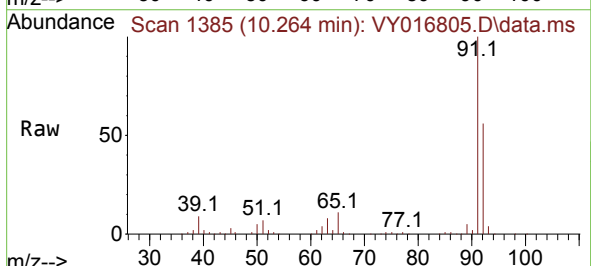
Acq: 22 Dec 2023 14:02

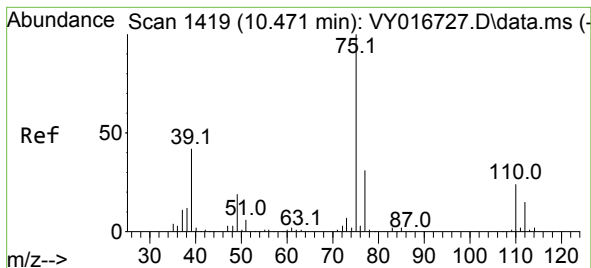
Tgt Ion: 92 Resp: 88128

Ion Ratio Lower Upper

92 100

91 174.7 137.6 206.4

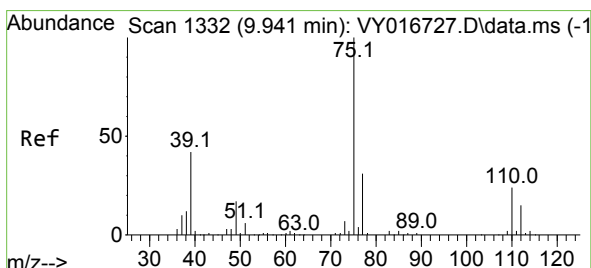
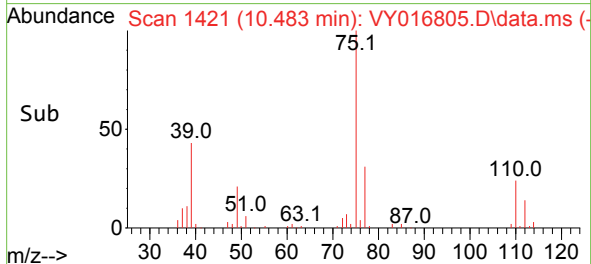
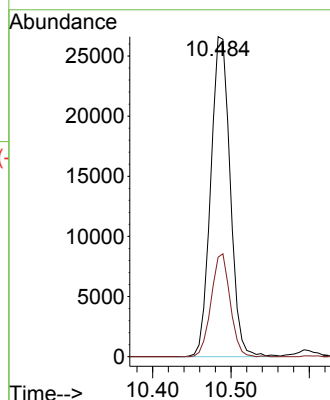
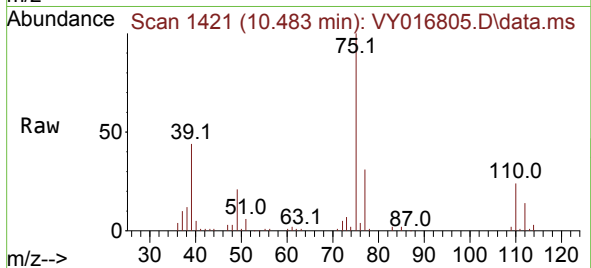




#53
 t-1,3-Dichloropropene
 Concen: 23.184 ug/l
 RT: 10.483 min Scan# 1419
 Delta R.T. 0.012 min
 Lab File: VY016805.D
 Acq: 22 Dec 2023 14:02

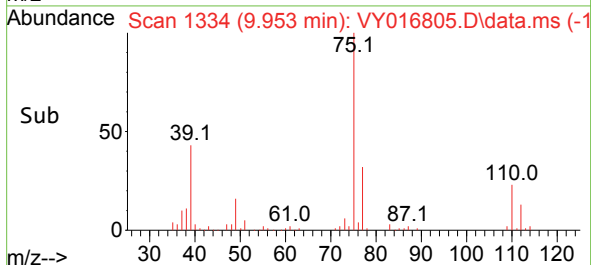
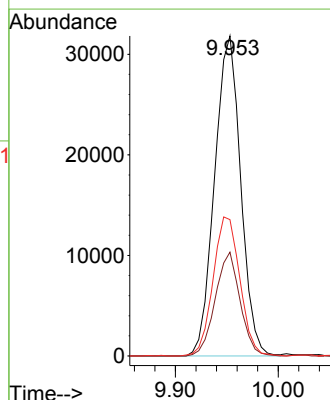
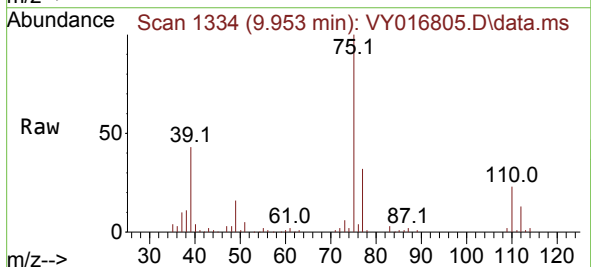
Instrument :
 MSVOA_Y
 ClientSampleId :

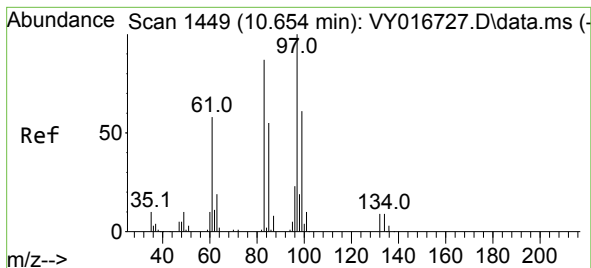
Tgt Ion: 75 Resp: 45890
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 23.518 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.012 min
 Lab File: VY016805.D
 Acq: 22 Dec 2023 14:02

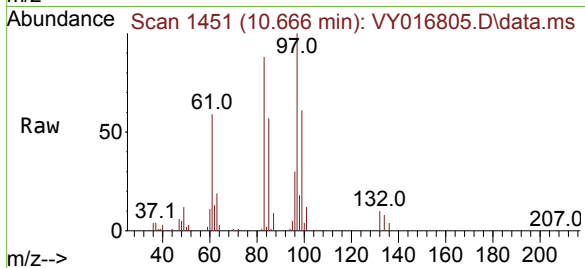
Tgt Ion: 75 Resp: 56150
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.6 36.8
 39 42.6 33.6 50.4



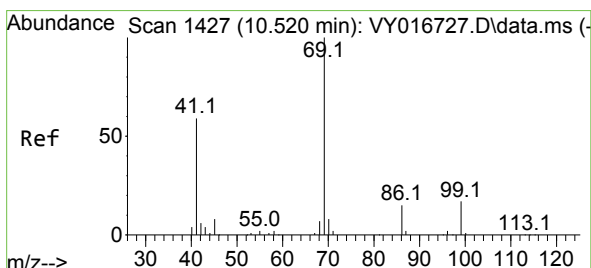
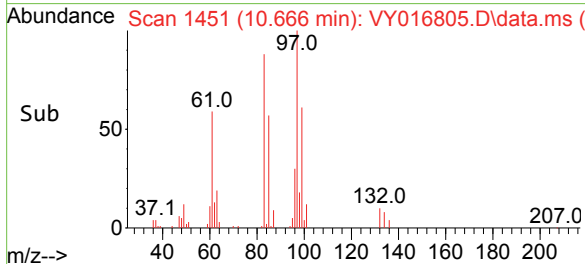
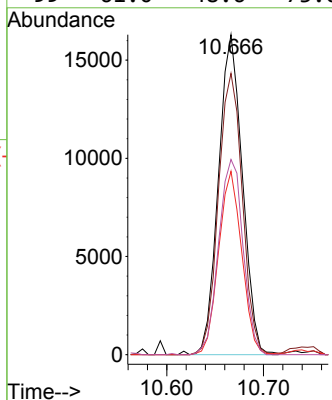


#55
 1,1,2-Trichloroethane
 Concen: 23.863 ug/l
 RT: 10.666 min Scan# 1449
 Delta R.T. 0.012 min
 Lab File: VY016805.D
 Acq: 22 Dec 2023 14:02

Instrument :
 MSVOA_Y
 ClientSampleId :

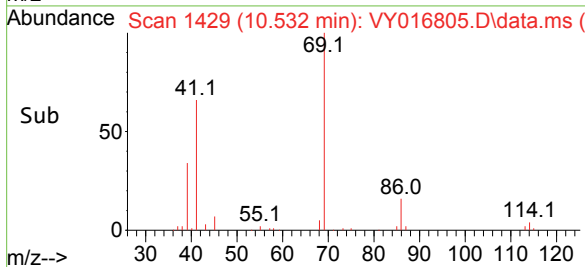
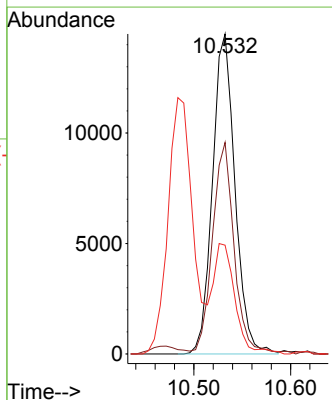
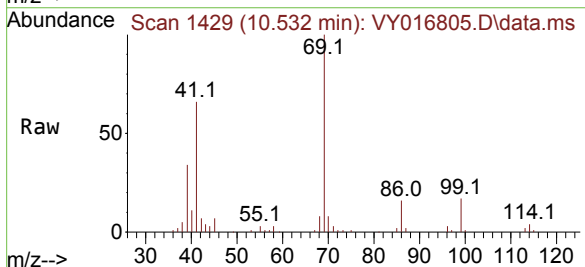


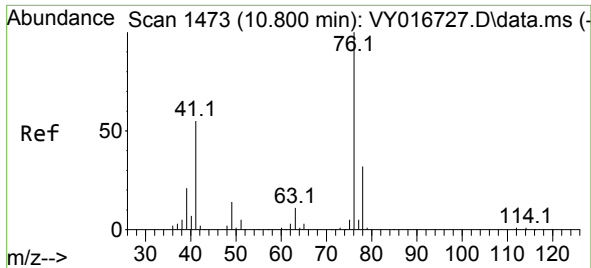
Tgt Ion: 97	Resp: 28040
Ion Ratio	Lower Upper
97 100	
83 87.9	69.4 104.2
85 57.3	43.9 65.9
99 61.0	48.6 73.0



#56
 Ethyl methacrylate
 Concen: 22.640 ug/l
 RT: 10.532 min Scan# 1429
 Delta R.T. 0.012 min
 Lab File: VY016805.D
 Acq: 22 Dec 2023 14:02

Tgt Ion: 69	Resp: 23393
Ion Ratio	Lower Upper
69 100	
41 64.0	49.2 73.8
39 32.6	26.8 40.2

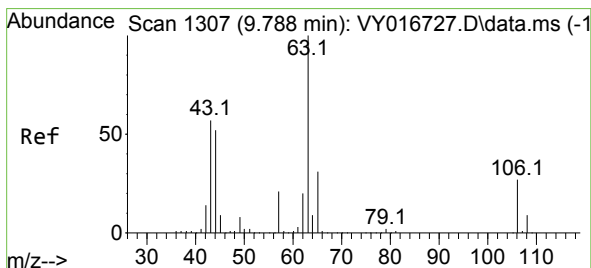
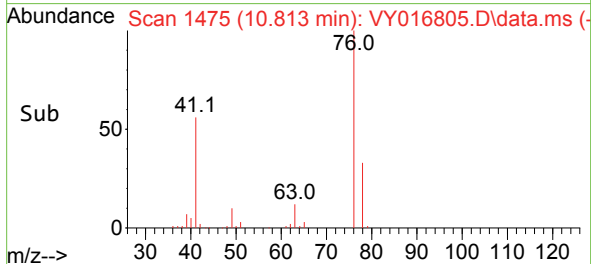
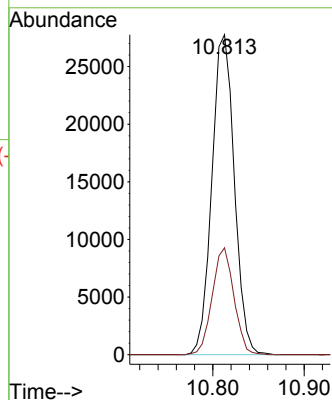
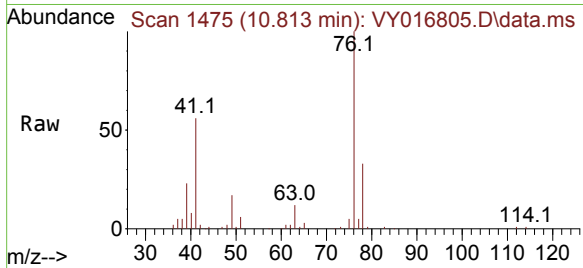




#57
1,3-Dichloropropane
Concen: 23.739 ug/l
RT: 10.813 min Scan# 1473
Delta R.T. 0.013 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

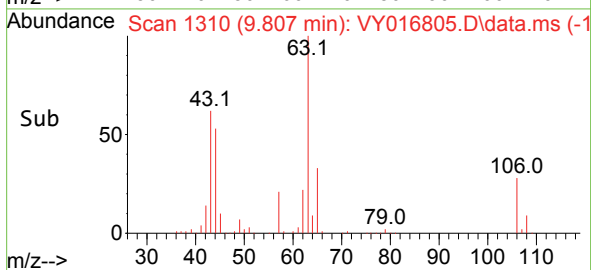
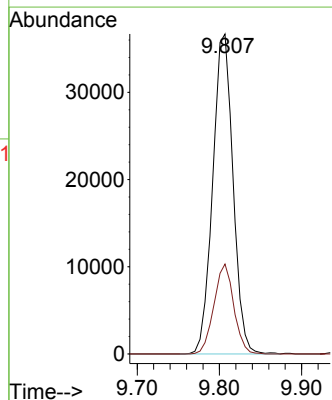
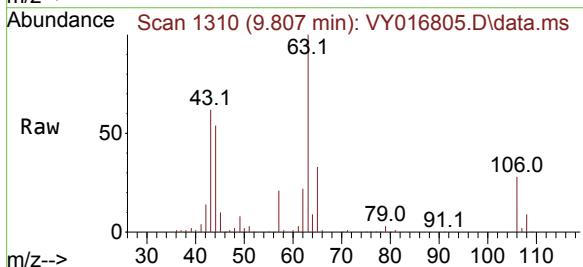
Instrument :
MSVOA_Y
ClientSampleId :

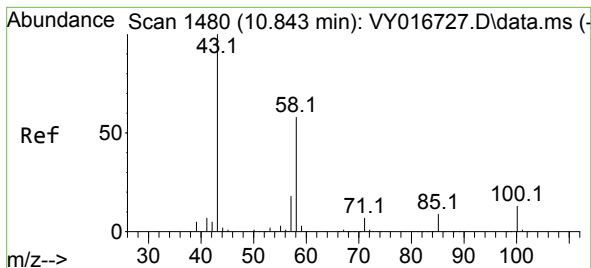
Tgt Ion: 76 Resp: 47380
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 113.285 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion: 63 Resp: 62970
Ion Ratio Lower Upper
63 100
106 27.4 22.4 33.6

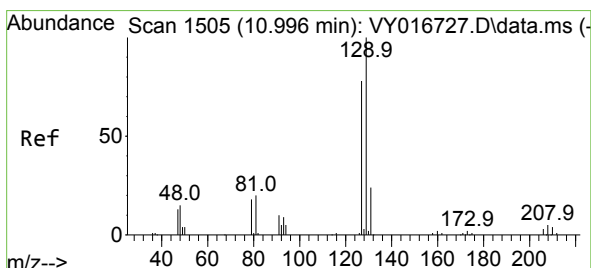
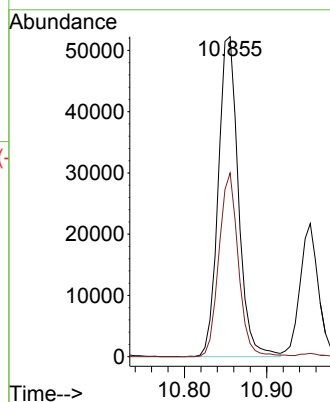
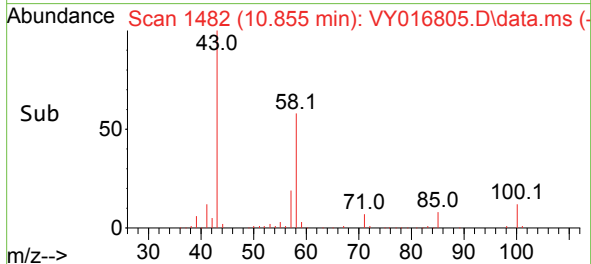
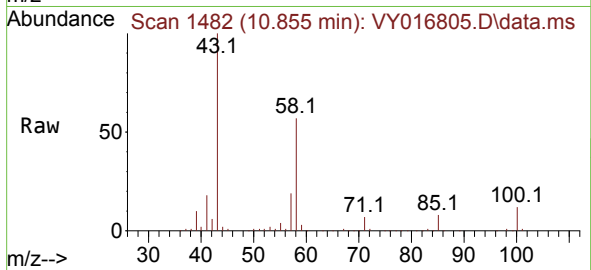




#59
2-Hexanone
Concen: 123.202 ug/l
RT: 10.855 min Scan# 1482
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

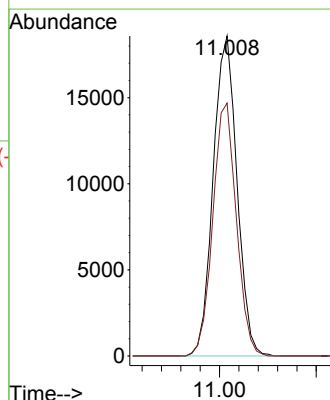
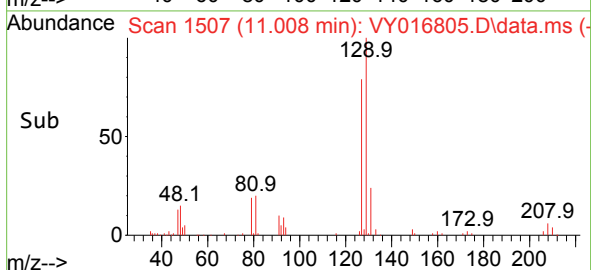
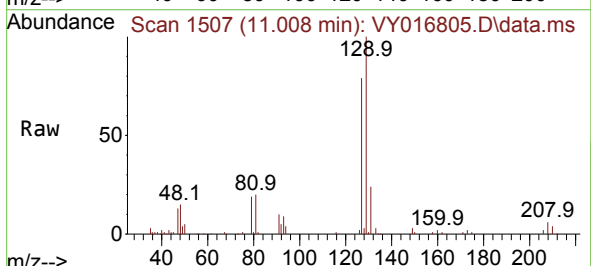
Instrument :
MSVOA_Y
ClientSampleId :

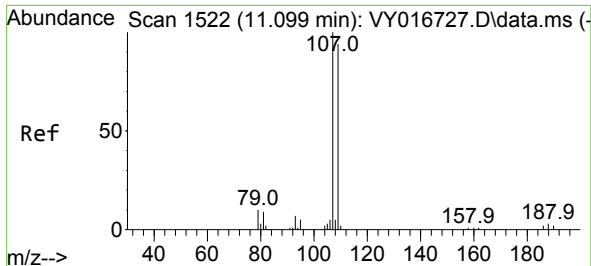
Tgt Ion: 43 Resp: 88992
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.3



#60
Dibromochloromethane
Concen: 23.309 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion: 129 Resp: 31685
Ion Ratio Lower Upper
129 100
127 78.3 39.2 117.6

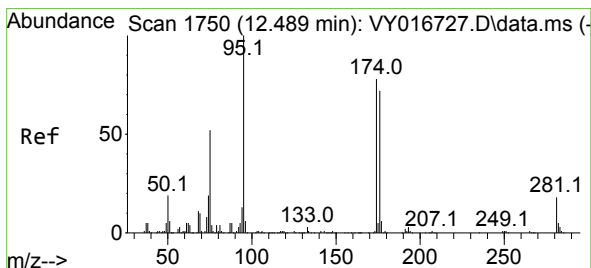
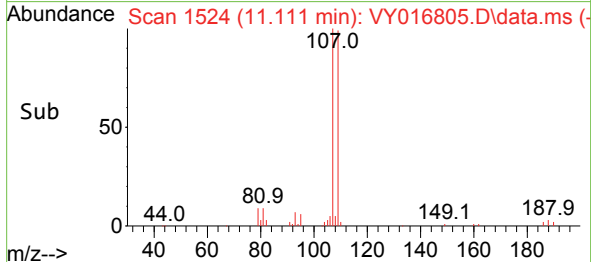
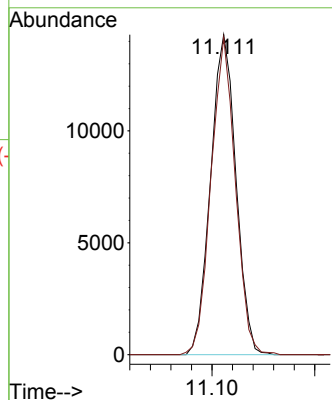
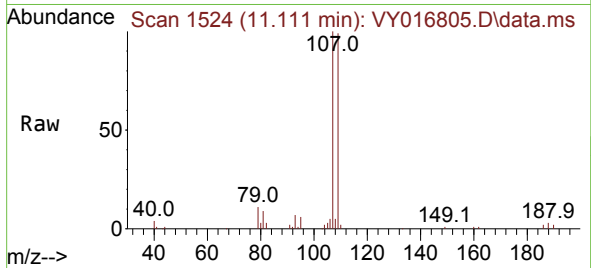




#61
1,2-Dibromoethane
Concen: 23.248 ug/l
RT: 11.111 min Scan# 1524
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

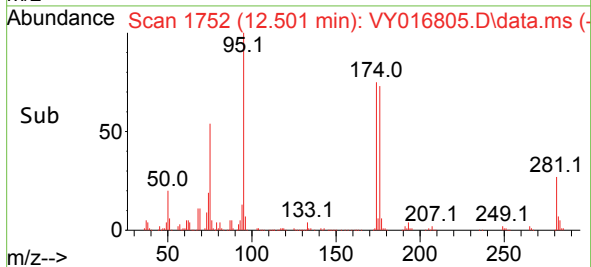
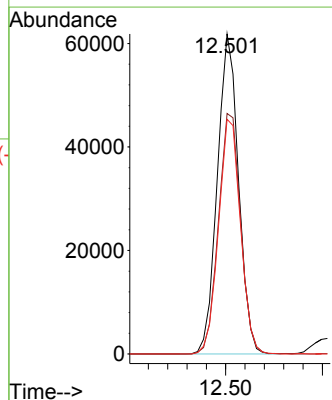
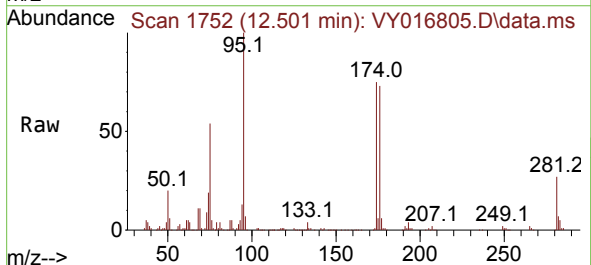
Instrument :
MSVOA_Y
ClientSampleId :

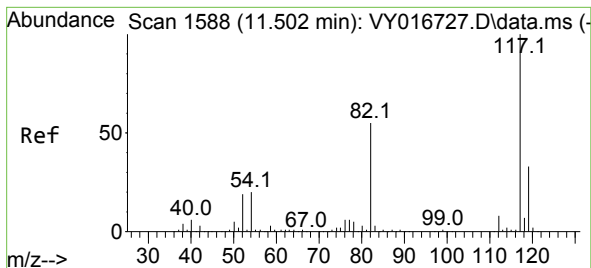
Tgt Ion:107 Resp: 24498
Ion Ratio Lower Upper
107 100
109 94.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 58.919 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion: 95 Resp: 93873
Ion Ratio Lower Upper
95 100
174 78.6 0.0 160.0
176 75.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

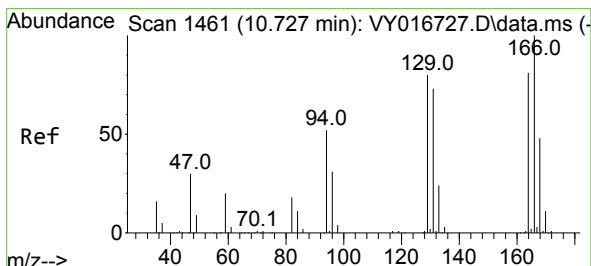
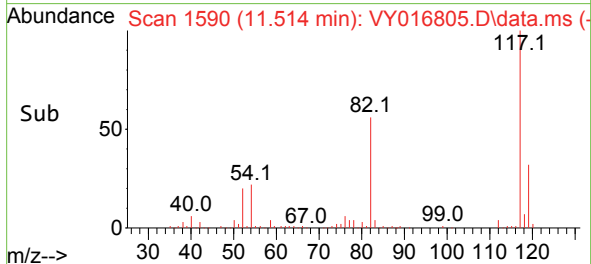
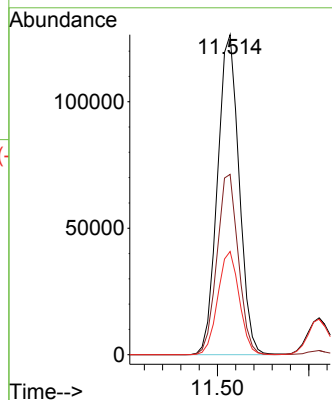
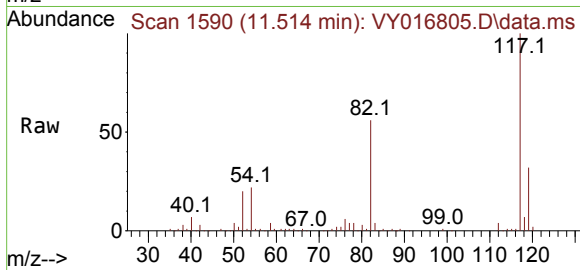
Tgt Ion:117 Resp: 207684

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 32.2 26.5 39.7



#64

Tetrachloroethene

Concen: 21.882 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Tgt Ion:164 Resp: 28231

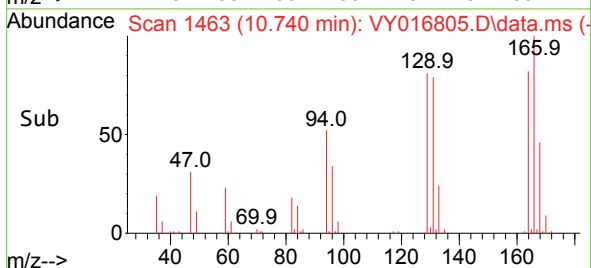
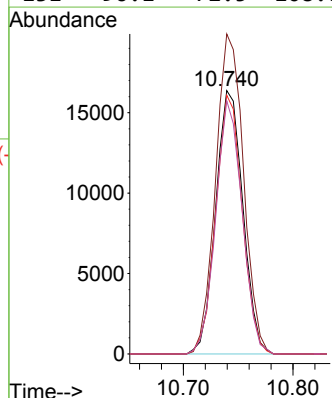
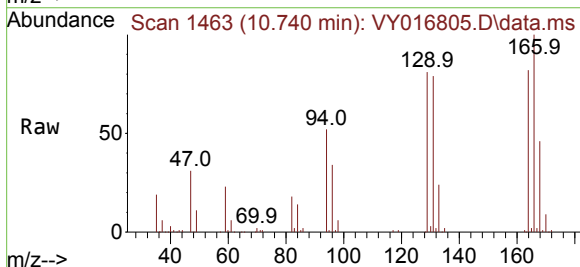
Ion Ratio Lower Upper

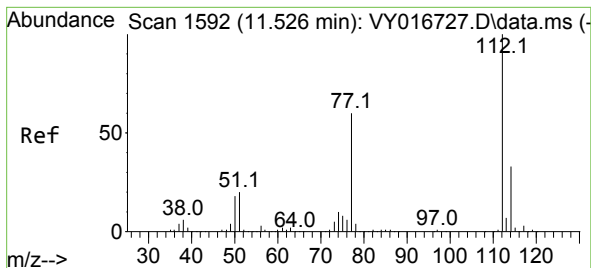
164 100

166 121.5 98.8 148.2

129 98.2 78.9 118.3

131 96.1 72.5 108.7

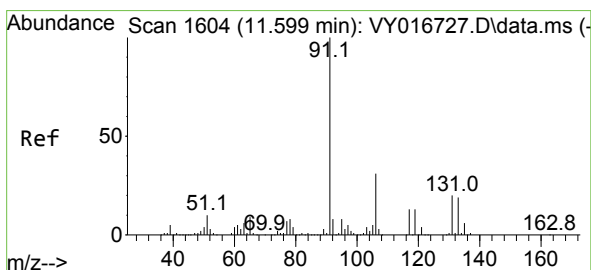
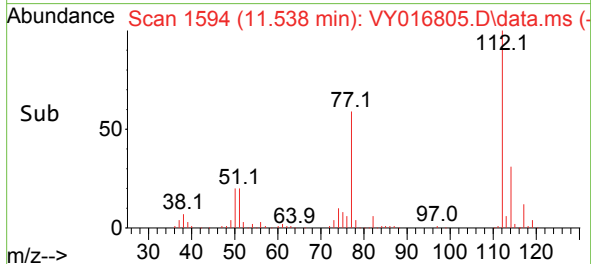
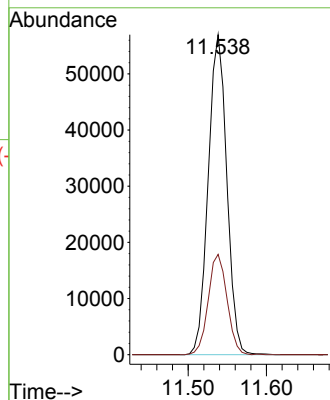
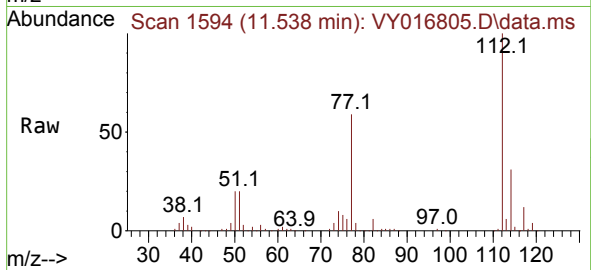




#65
Chlorobenzene
Concen: 22.991 ug/l
RT: 11.538 min Scan# 111
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

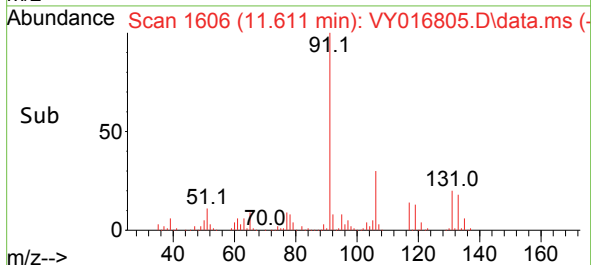
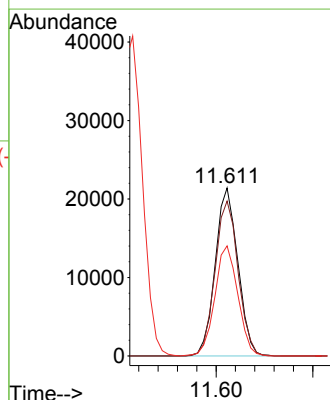
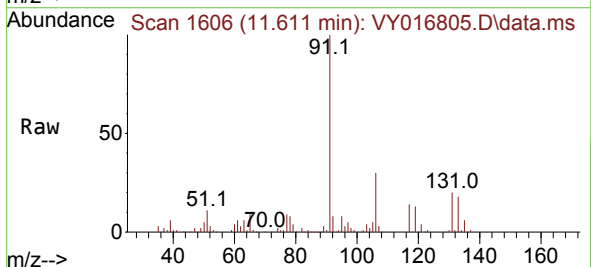
Instrument :
MSVOA_Y
ClientSampleId :

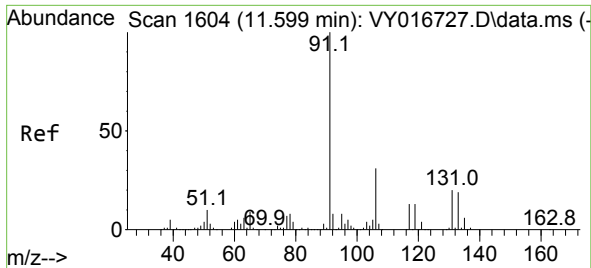
Tgt Ion:112 Resp: 93812
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 22.624 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion:131 Resp: 34734
Ion Ratio Lower Upper
131 100
133 94.2 47.0 141.0
119 66.7 33.3 99.9





#67

Ethyl Benzene

Concen: 22.279 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

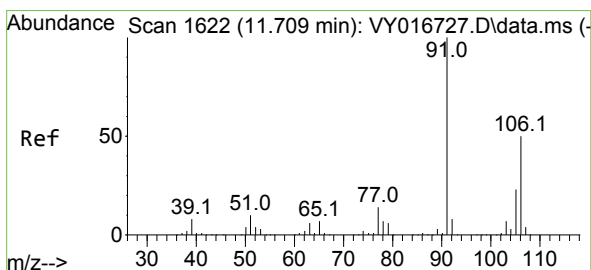
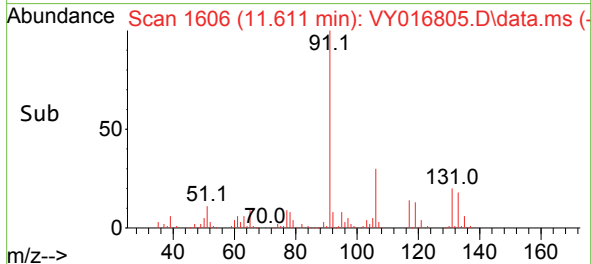
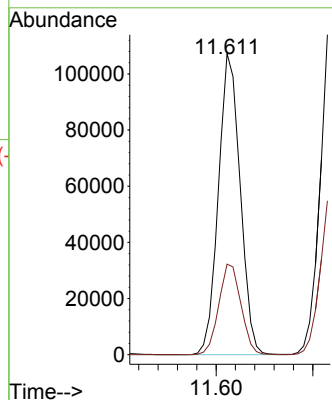
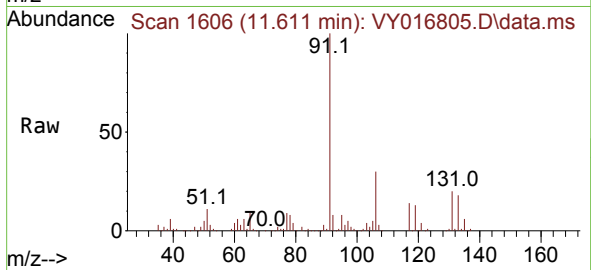
ClientSampleId :

Tgt Ion: 91 Resp: 167327

Ion Ratio Lower Upper

91 100

106 30.1 25.0 37.4



#68

m/p-Xylenes

Concen: 45.275 ug/l

RT: 11.727 min Scan# 1625

Delta R.T. 0.018 min

Lab File: VY016805.D

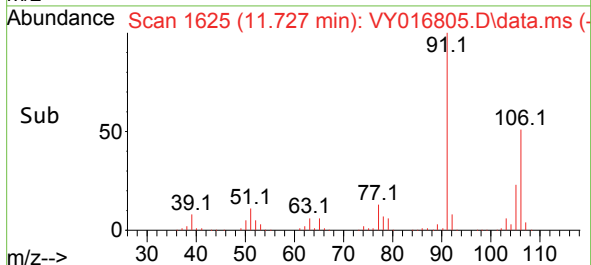
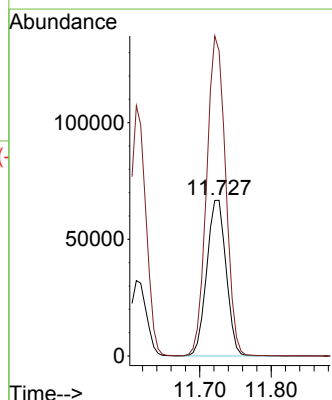
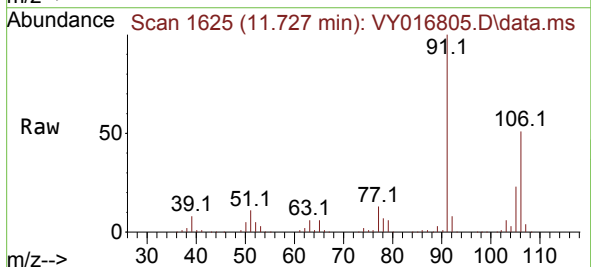
Acq: 22 Dec 2023 14:02

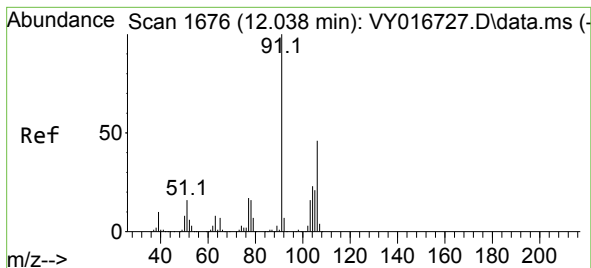
Tgt Ion:106 Resp: 125564

Ion Ratio Lower Upper

106 100

91 201.3 160.7 241.1





#69

o-Xylene

Concen: 22.391 ug/l

RT: 12.050 min Scan# 1681

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

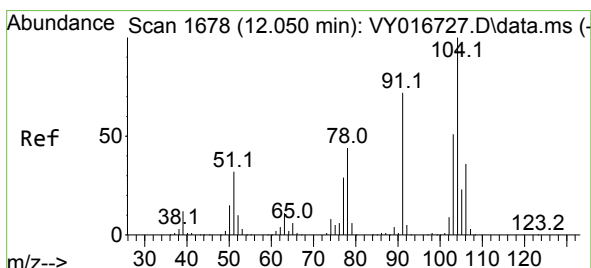
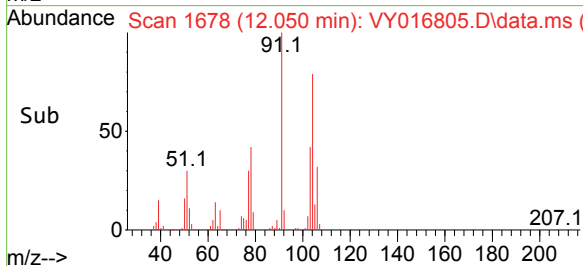
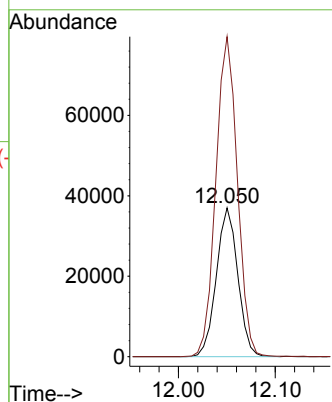
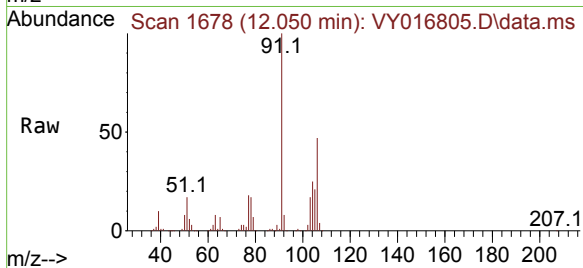
ClientSampleId :

Tgt Ion:106 Resp: 56970

Ion Ratio Lower Upper

106 100

91 216.3 106.5 319.5



#70

Styrene

Concen: 22.402 ug/l

RT: 12.069 min Scan# 1681

Delta R.T. 0.018 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

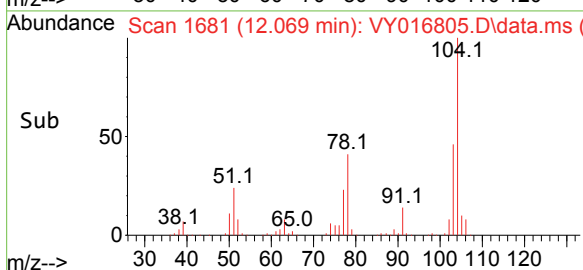
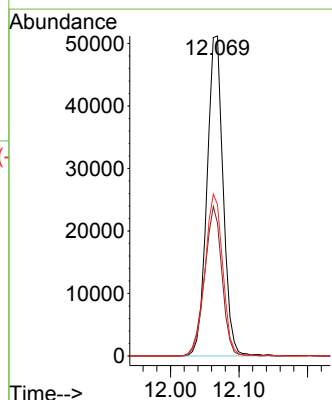
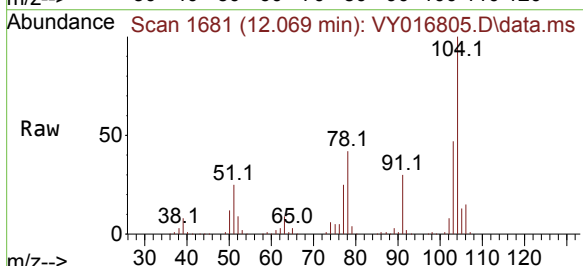
Tgt Ion:104 Resp: 84341

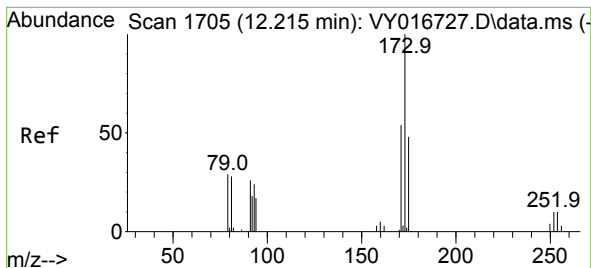
Ion Ratio Lower Upper

104 100

78 50.5 39.2 58.8

103 55.3 43.8 65.6





#71

Bromoform

Concen: 21.700 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

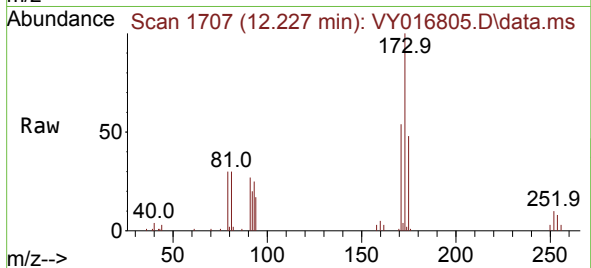
Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :



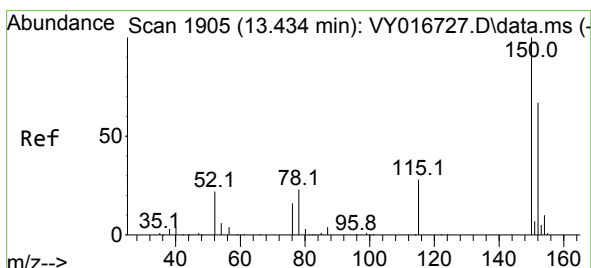
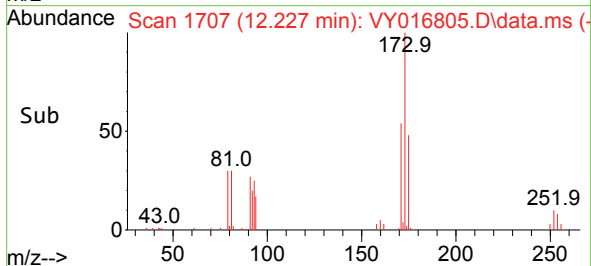
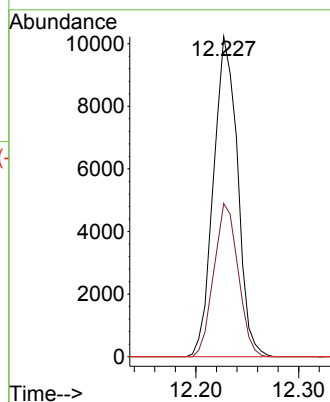
Tgt Ion:173 Resp: 16609

Ion Ratio Lower Upper

173 100

175 48.3 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

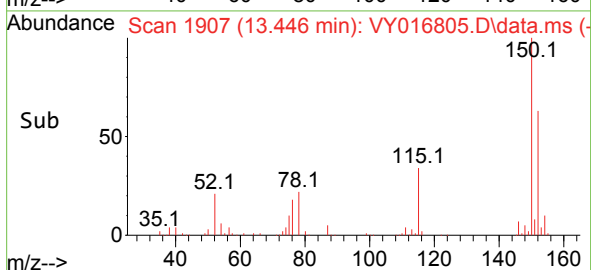
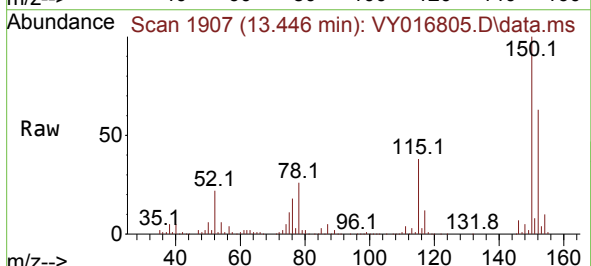
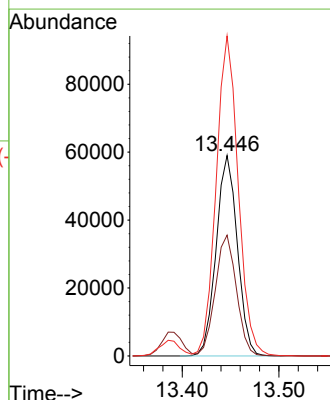
Tgt Ion:152 Resp: 89708

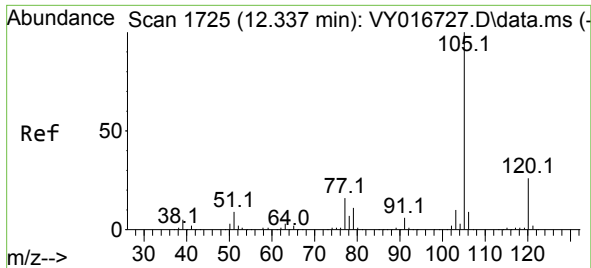
Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 165.9 0.0 344.6

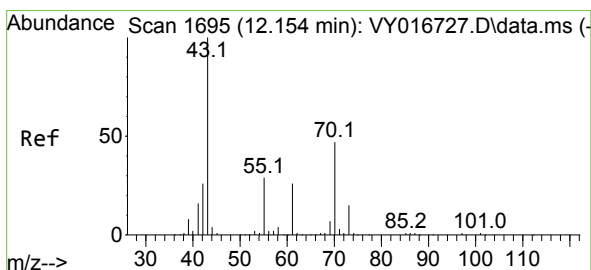
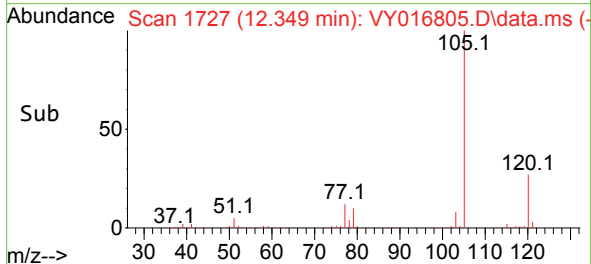
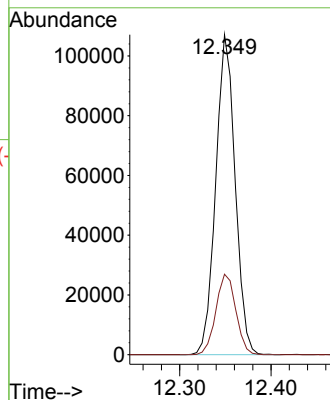
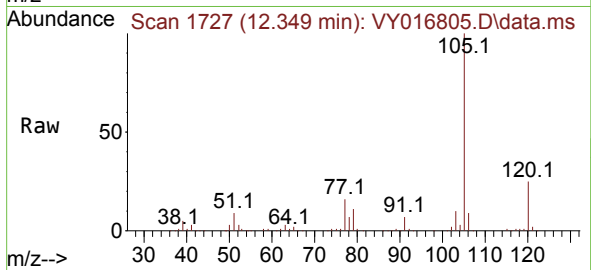




#73
Isopropylbenzene
Concen: 22.588 ug/l
RT: 12.349 min Scan# 1725
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

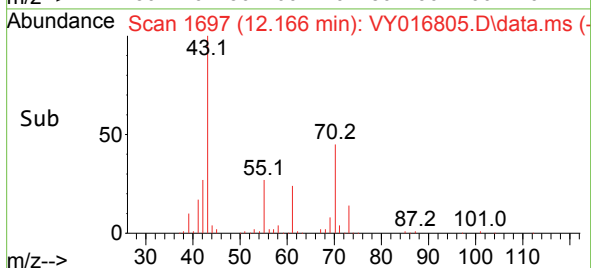
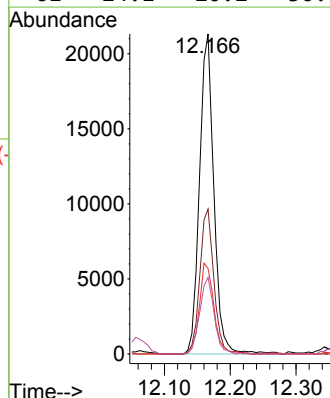
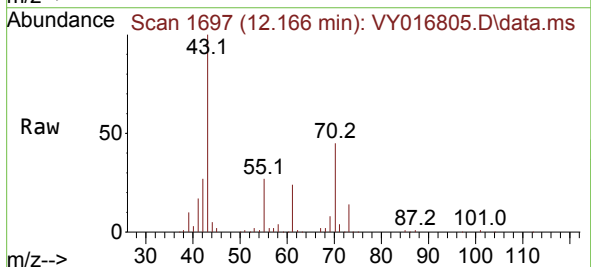
Instrument :
MSVOA_Y
ClientSampleId :

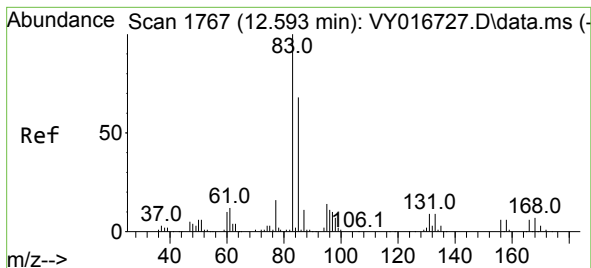
Tgt Ion:105 Resp: 157812
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0



#74
N-ethyl acetate
Concen: 22.054 ug/l
RT: 12.166 min Scan# 1697
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion: 43 Resp: 32337
Ion Ratio Lower Upper
43 100
70 44.3 36.6 55.0
55 28.7 22.2 33.4
61 24.1 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 23.033 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

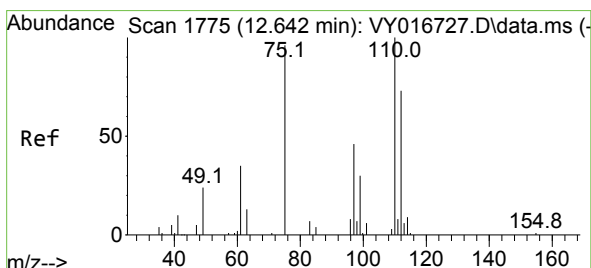
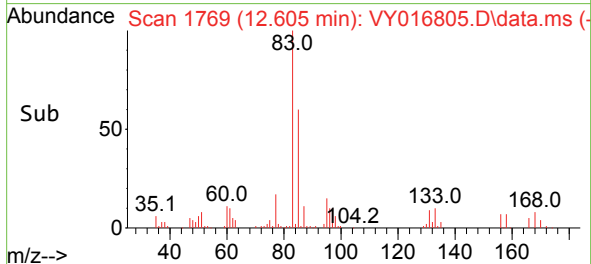
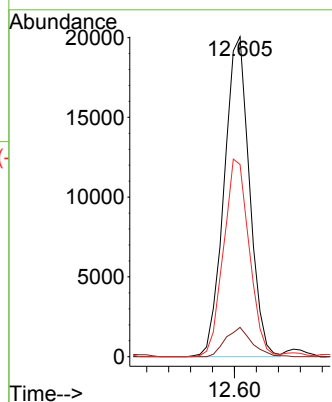
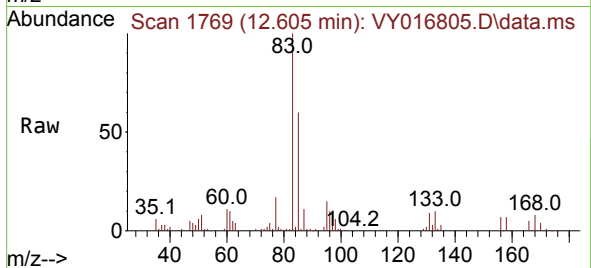
Tgt Ion: 83 Resp: 32157

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 62.8 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 38.539 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY016805.D

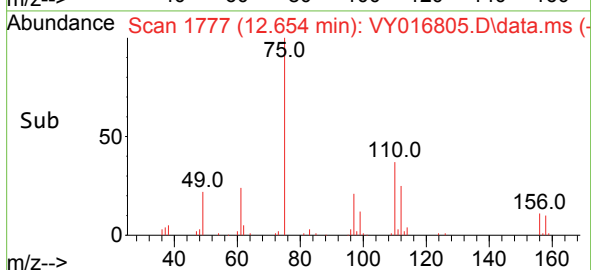
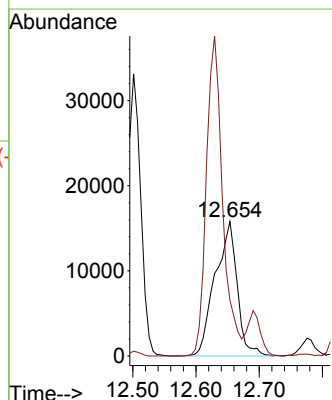
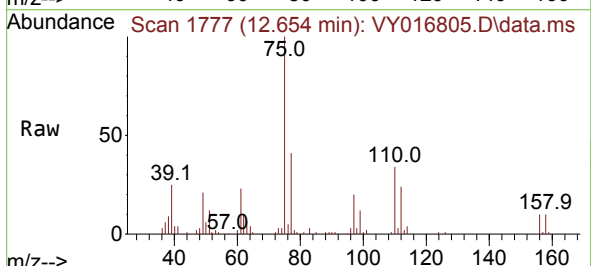
Acq: 22 Dec 2023 14:02

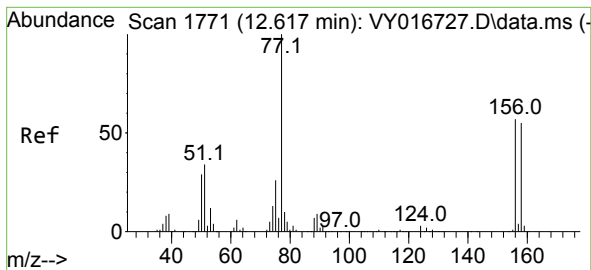
Tgt Ion: 75 Resp: 38218

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.279 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016805.D

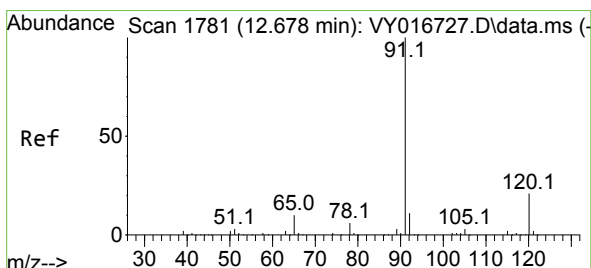
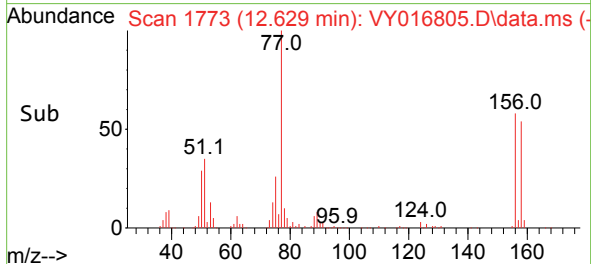
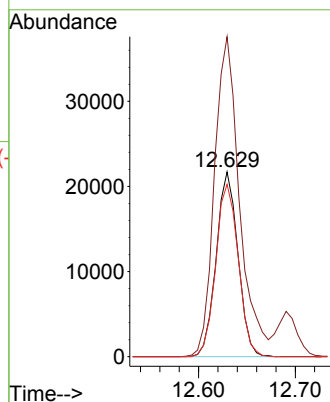
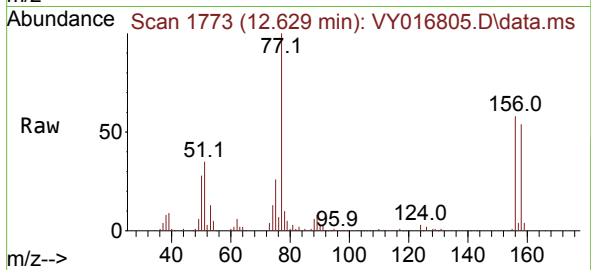
Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	33957
Ion Ratio	Lower	Upper	
156	100		
77	199.1	97.3	291.8
158	96.4	48.4	145.0



#78

n-propylbenzene

Concen: 22.903 ug/l

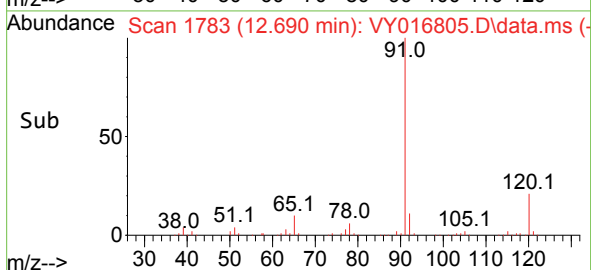
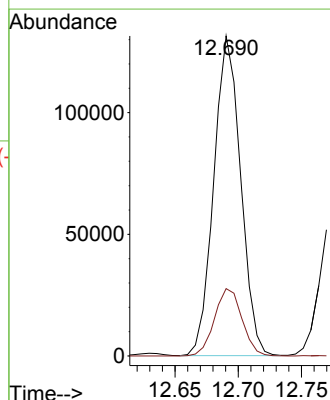
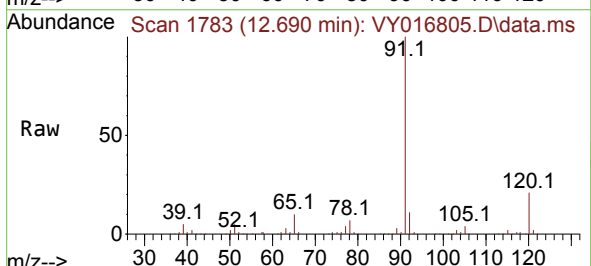
RT: 12.690 min Scan# 1783

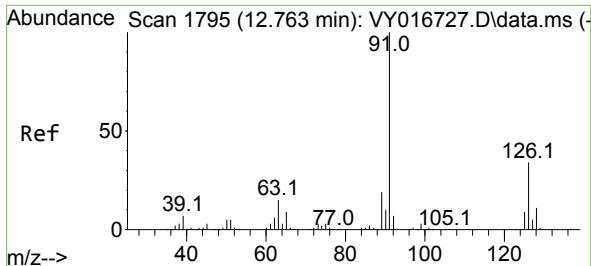
Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Tgt Ion:	91	Resp:	193872
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.0	33.0

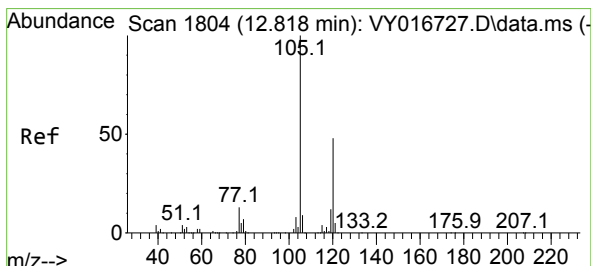
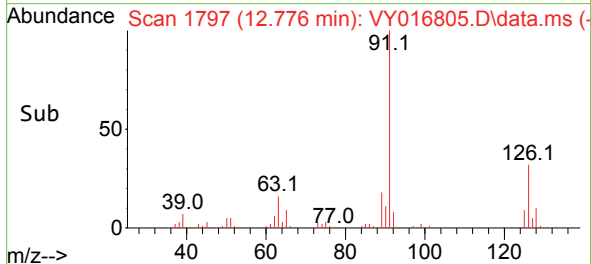
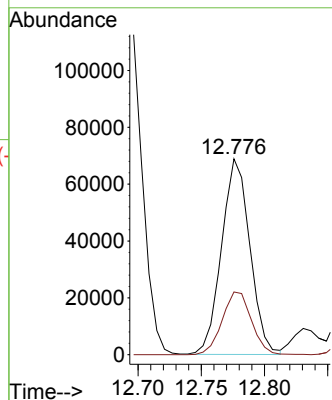
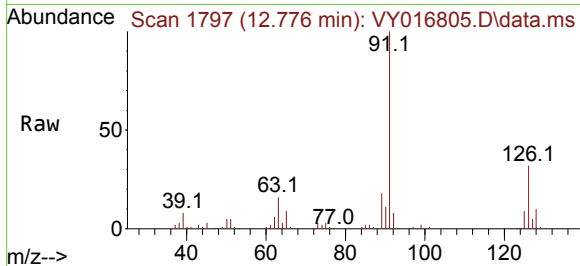




#79
2-Chlorotoluene
Concen: 22.955 ug/l
RT: 12.776 min Scan# 1797
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

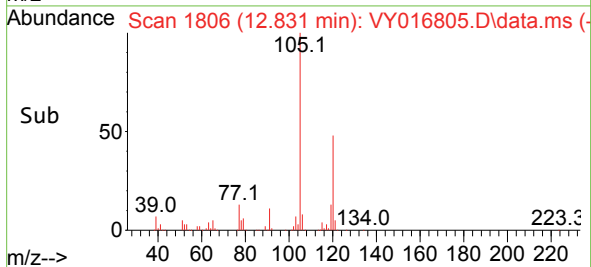
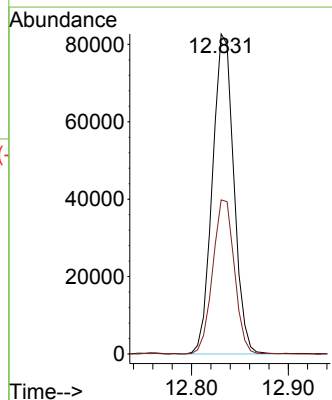
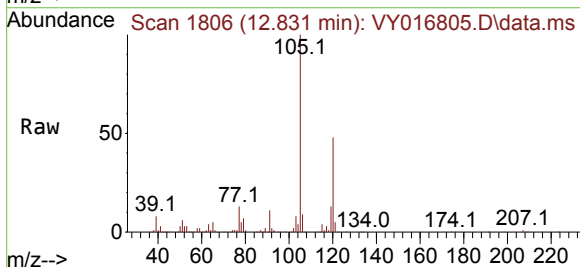
Instrument :
MSVOA_Y
ClientSampleId :

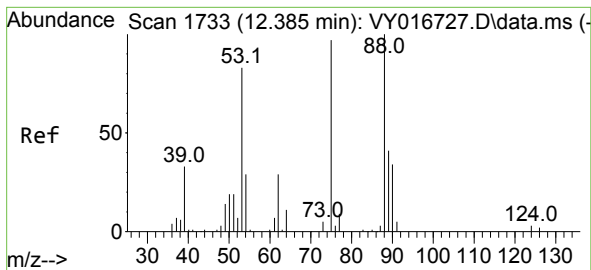
Tgt Ion: 91 Resp: 107522
Ion Ratio Lower Upper
91 100
126 33.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 22.981 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion:105 Resp: 127095
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8

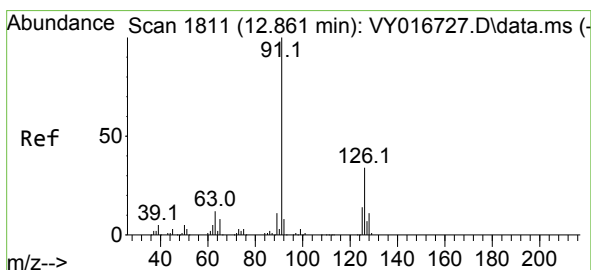
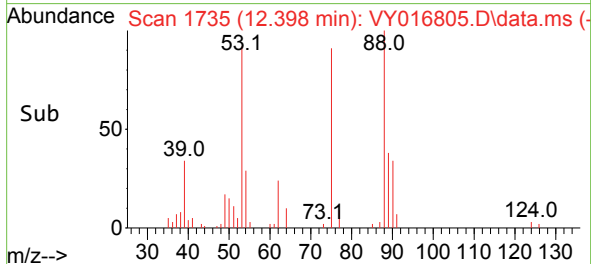
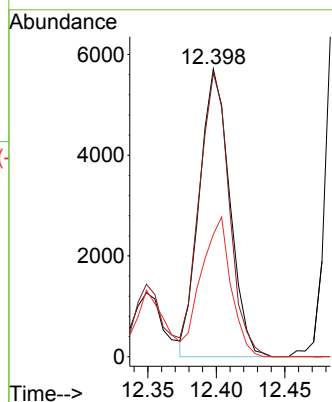
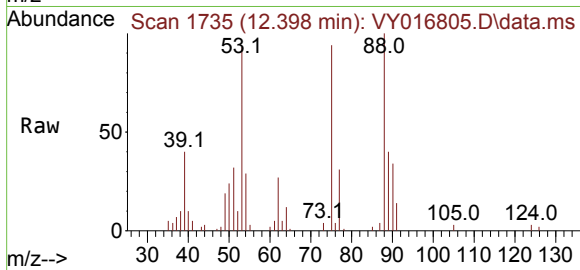




#81
trans-1,4-Dichloro-2-butene
Concen: 20.835 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

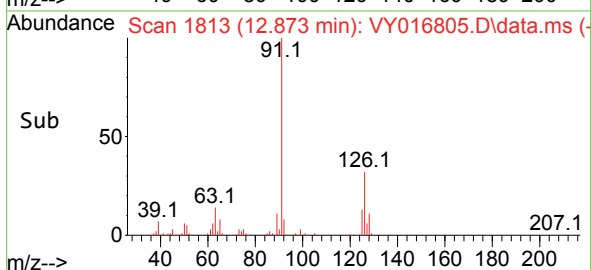
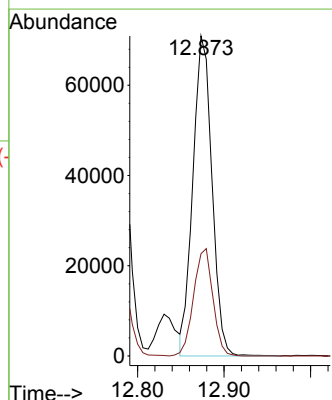
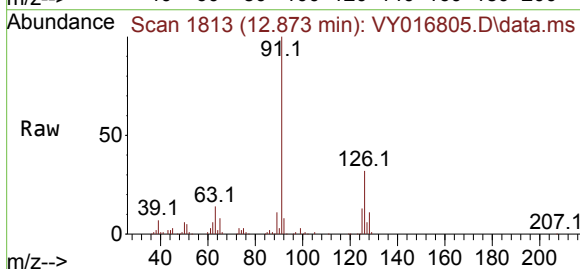
Instrument :
MSVOA_Y
ClientSampleId :

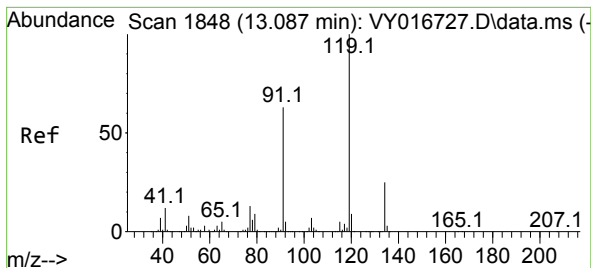
Tgt Ion: 75 Resp: 8798
Ion Ratio Lower Upper
75 100
53 97.6 74.0 111.0
89 47.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 22.617 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016805.D
Acq: 22 Dec 2023 14:02

Tgt Ion: 91 Resp: 108680
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 22.637 ug/l

RT: 13.093 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

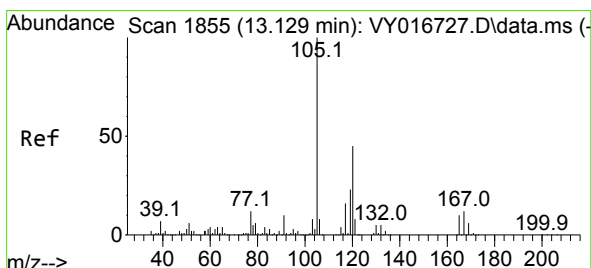
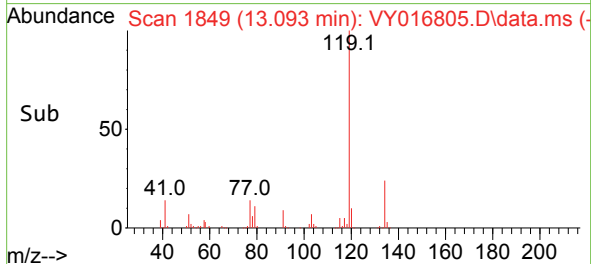
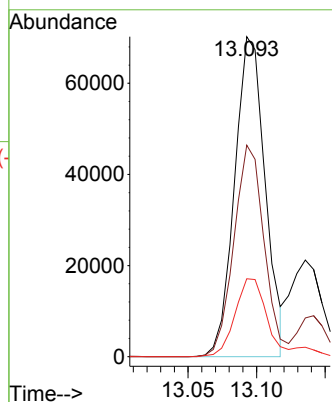
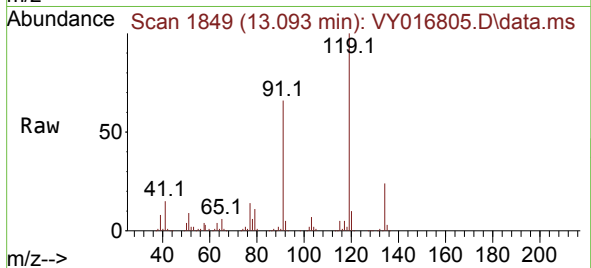
Tgt Ion:119 Resp: 108896

Ion Ratio Lower Upper

119 100

91 65.8 31.5 94.5

134 25.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 23.239 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.012 min

Lab File: VY016805.D

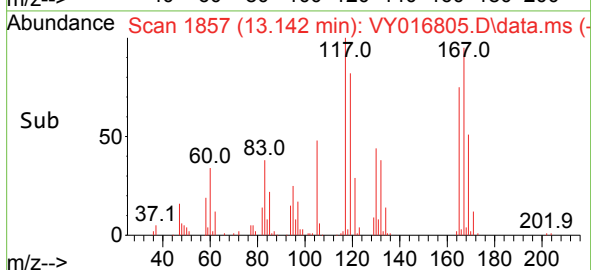
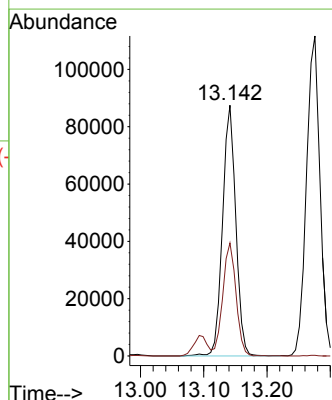
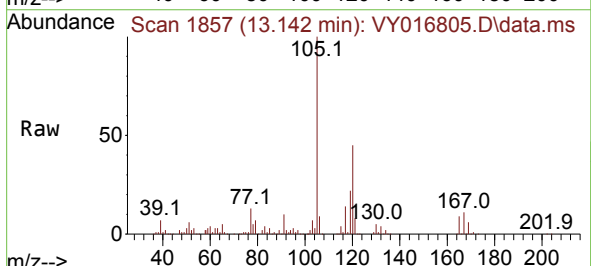
Acq: 22 Dec 2023 14:02

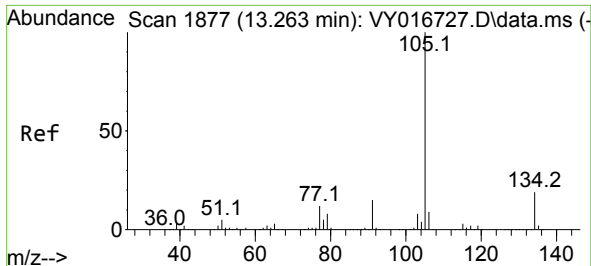
Tgt Ion:105 Resp: 126731

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3

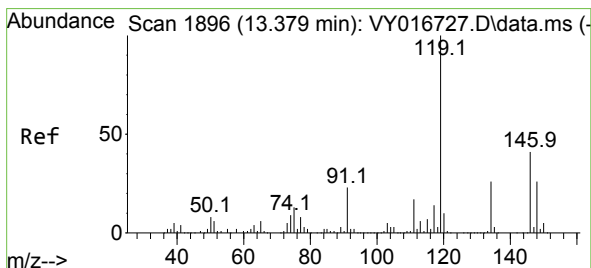
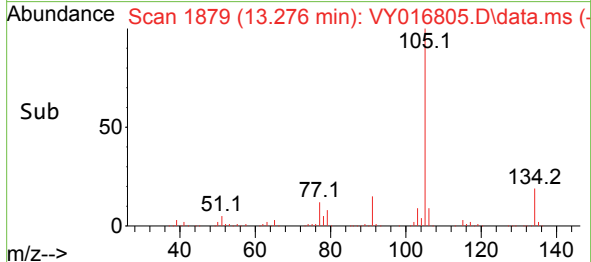
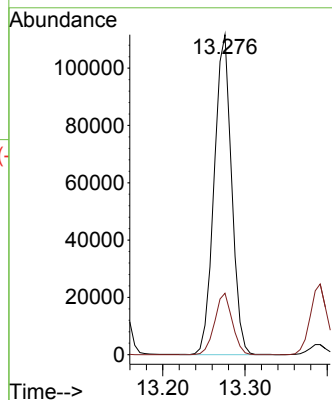
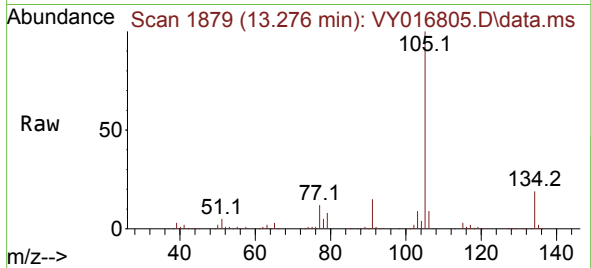




#85
 sec-Butylbenzene
 Concen: 23.123 ug/l
 RT: 13.276 min Scan# 1879
 Delta R.T. 0.012 min
 Lab File: VY016805.D
 Acq: 22 Dec 2023 14:02

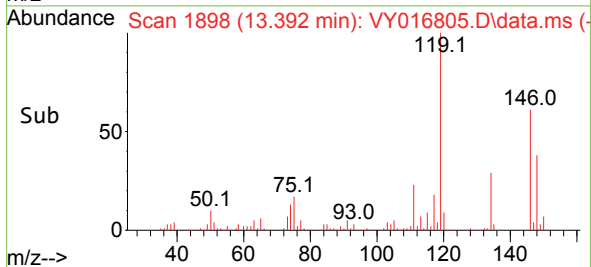
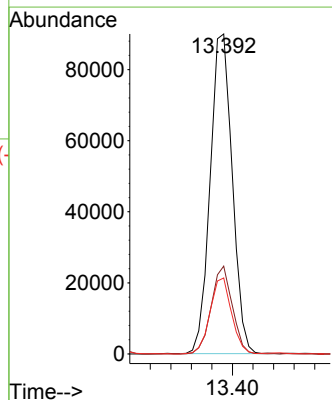
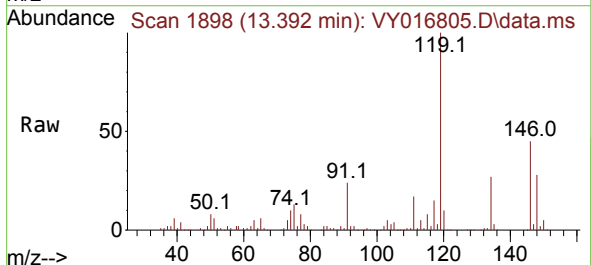
Instrument :
 MSVOA_Y
 ClientSampleId :

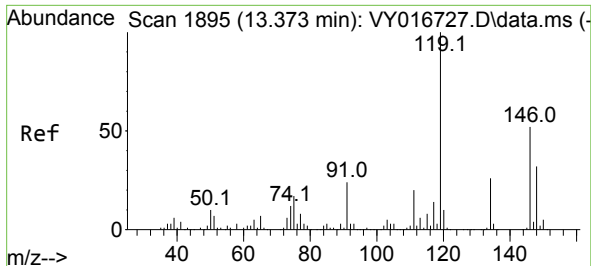
Tgt Ion:105 Resp: 164759
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 22.636 ug/l
 RT: 13.392 min Scan# 1898
 Delta R.T. 0.012 min
 Lab File: VY016805.D
 Acq: 22 Dec 2023 14:02

Tgt Ion:119 Resp: 134317
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 22.738 ug/l

RT: 13.385 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

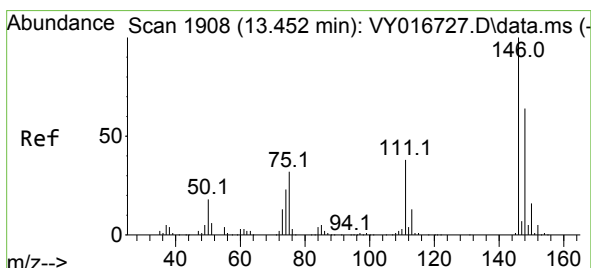
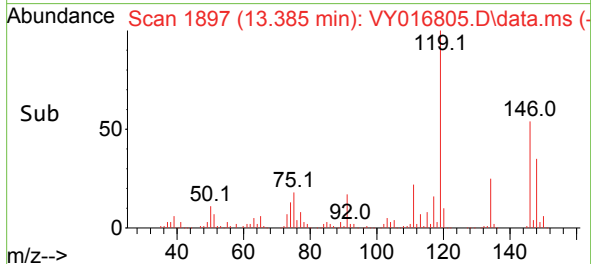
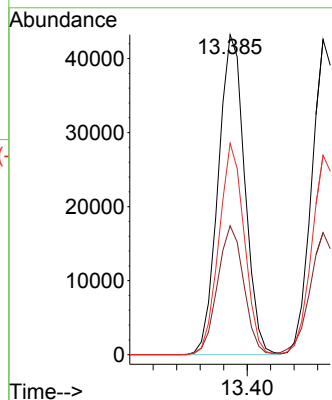
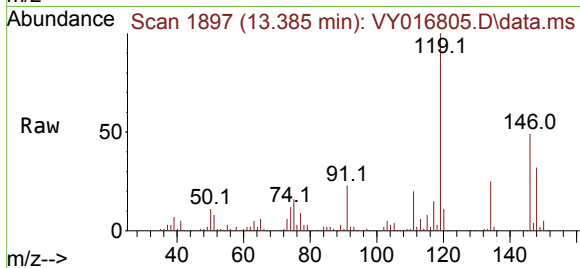
Tgt Ion:146 Resp: 67729

Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.5

148 63.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 22.782 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

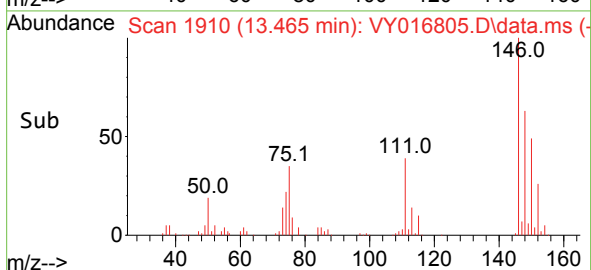
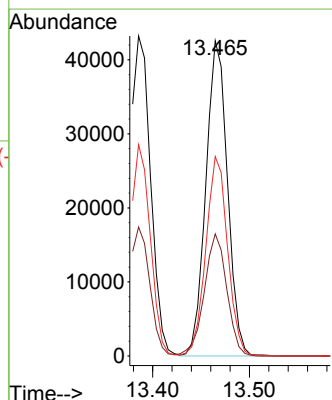
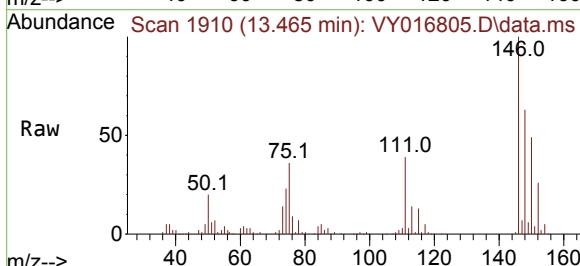
Tgt Ion:146 Resp: 66261

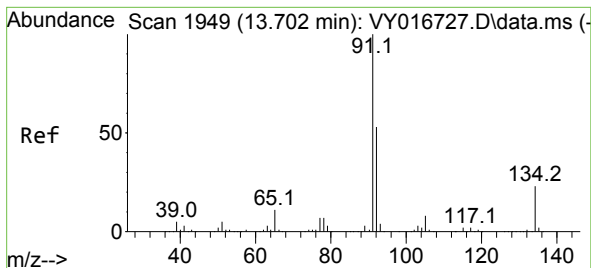
Ion Ratio Lower Upper

146 100

111 40.3 19.3 57.9

148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 23.093 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

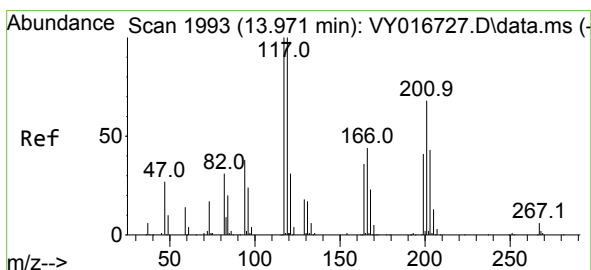
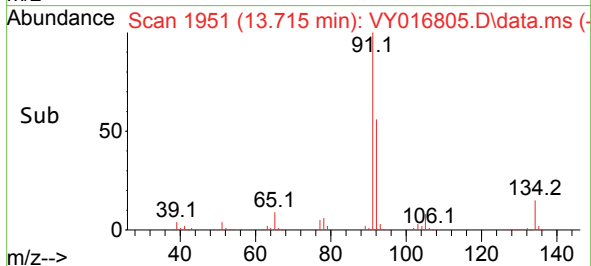
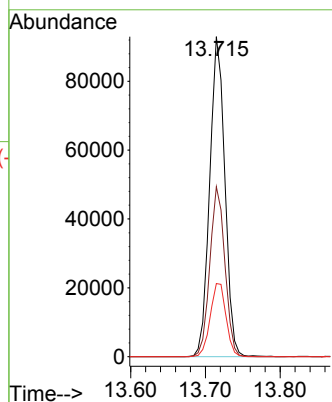
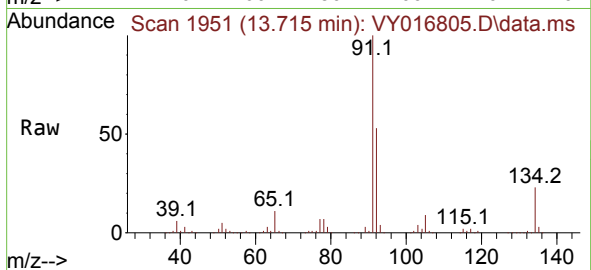
Tgt Ion: 91 Resp: 130992

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 23.8 12.3 36.8



#90

Hexachloroethane

Concen: 22.754 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY016805.D

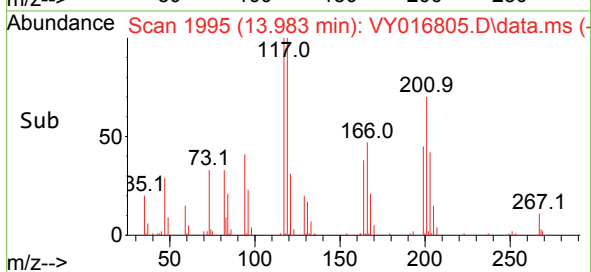
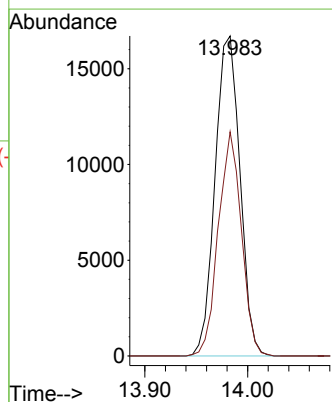
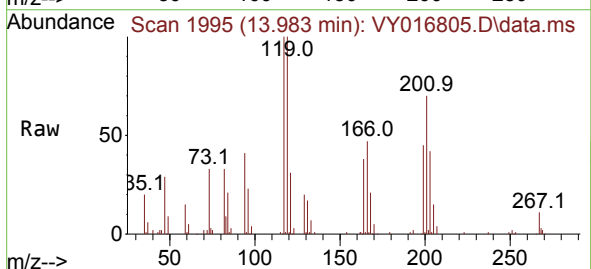
Acq: 22 Dec 2023 14:02

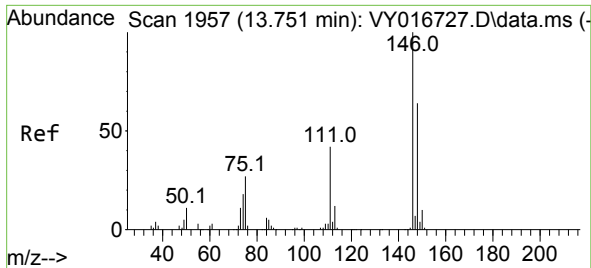
Tgt Ion: 117 Resp: 28115

Ion Ratio Lower Upper

117 100

201 64.9 33.4 100.1

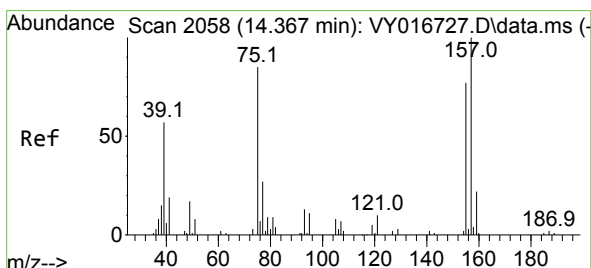
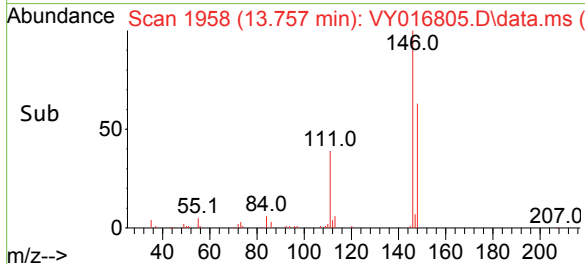
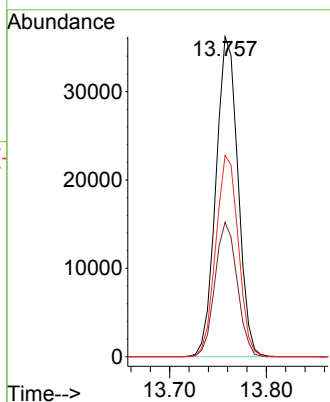
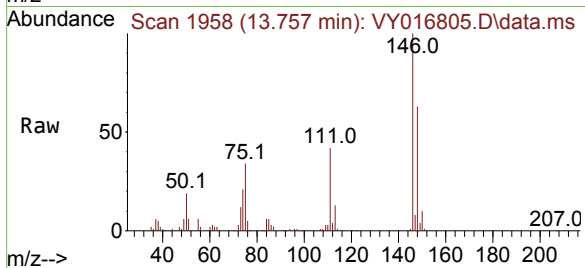




#91
 1,2-Dichlorobenzene
 Concen: 22.569 ug/l
 RT: 13.757 min Scan# 1957
 Delta R.T. 0.006 min
 Lab File: VY016805.D
 Acq: 22 Dec 2023 14:02

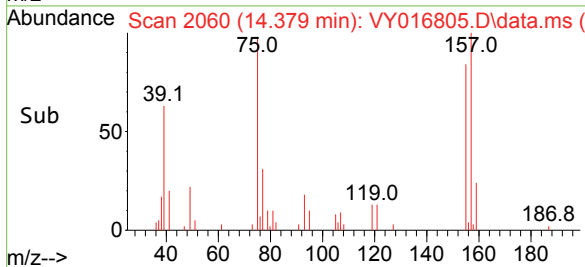
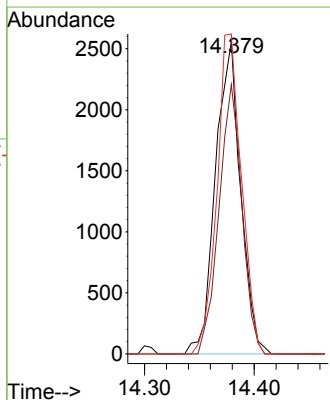
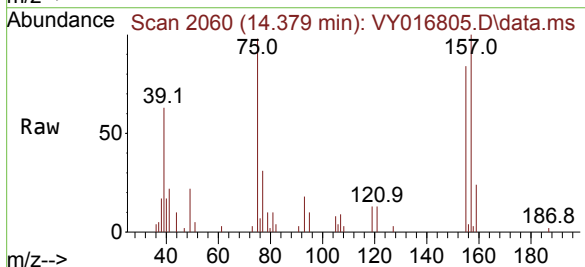
Instrument :
 MSVOA_Y
 ClientSampleId :

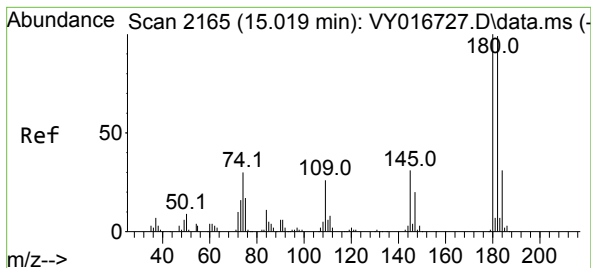
Tgt Ion:146	Resp:	57269
Ion Ratio	Lower	Upper
146	100	
111	42.4	20.5 61.6
148	64.3	31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.478 ug/l
 RT: 14.379 min Scan# 2060
 Delta R.T. 0.012 min
 Lab File: VY016805.D
 Acq: 22 Dec 2023 14:02

Tgt Ion: 75	Resp:	4068
Ion Ratio	Lower	Upper
75	100	
155	78.8	42.1 126.3
157	100.2	55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 22.291 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

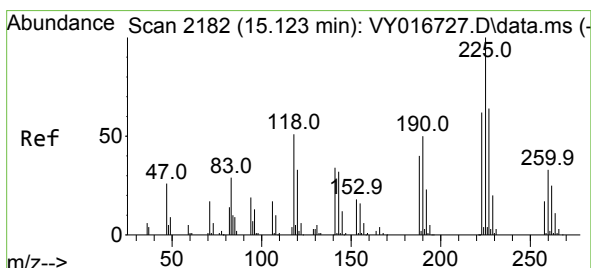
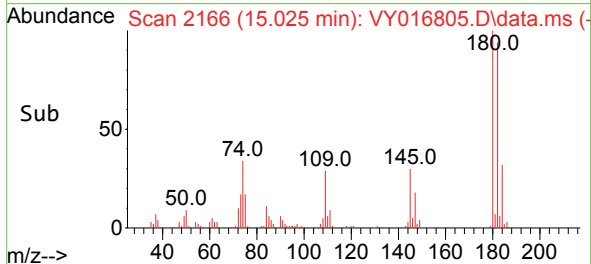
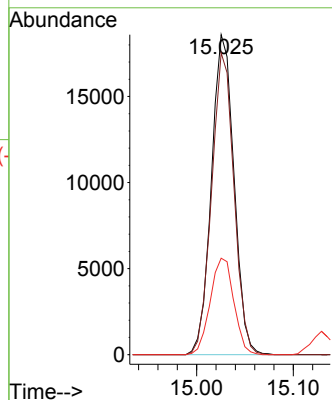
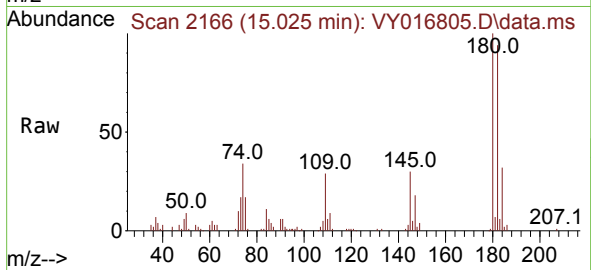
Tgt Ion:180 Resp: 30014

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.7

145 31.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 22.576 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

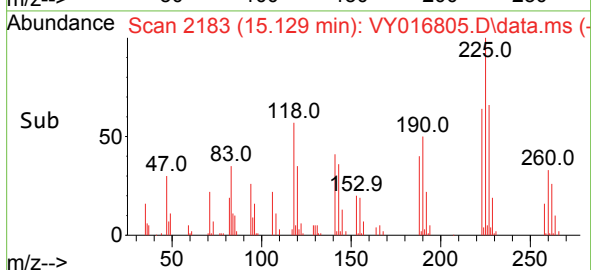
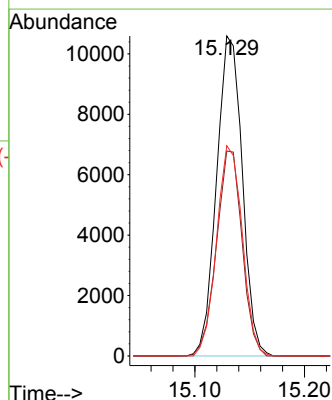
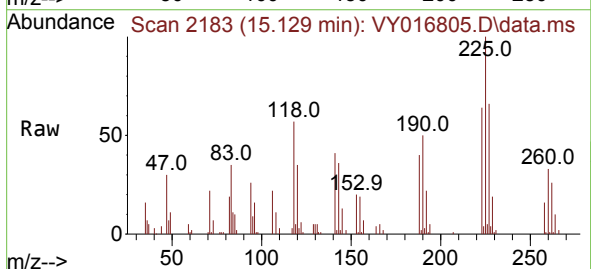
Tgt Ion:225 Resp: 17265

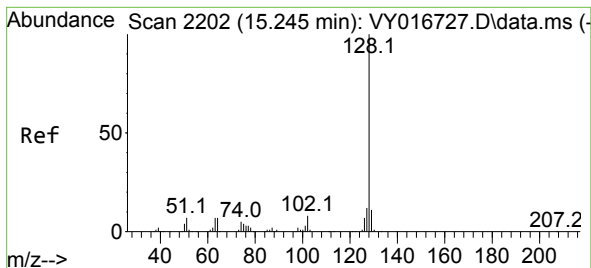
Ion Ratio Lower Upper

225 100

223 63.9 31.4 94.3

227 65.7 32.3 96.8





#95

Naphthalene

Concen: 20.256 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY016805.D

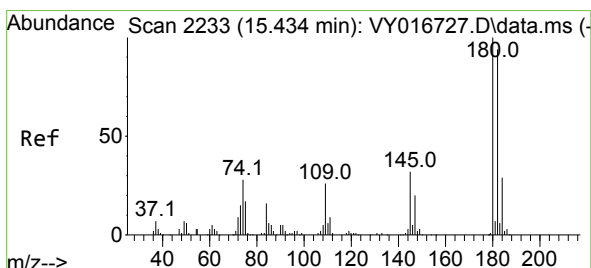
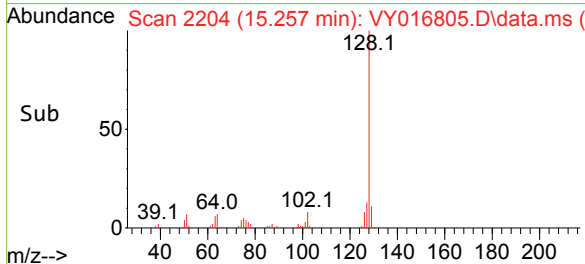
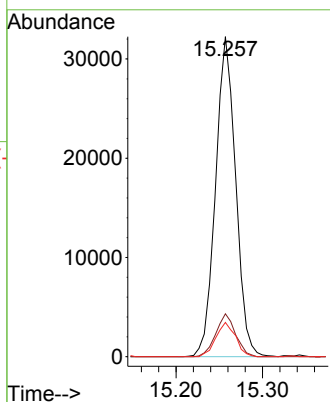
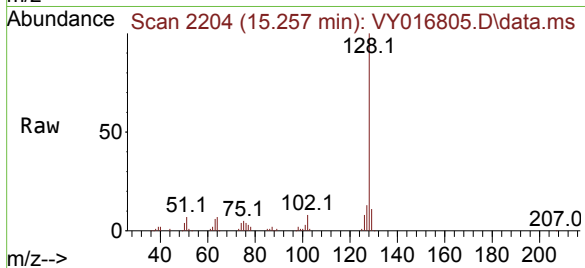
Acq: 22 Dec 2023 14:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 52036
Ion Ratio	Lower Upper
128	100
127	13.2 10.2 15.4
129	10.5 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.759 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016805.D

Acq: 22 Dec 2023 14:02

Tgt Ion:180	Resp: 24952
Ion Ratio	Lower Upper
180	100
182	92.7 46.3 138.8
145	33.2 16.1 48.2

