

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016865.D
 Acq On : 27 Dec 2023 09:14
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 28 03:41:06 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	7.795	168	145110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	243312	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	213303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	95780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70371	53.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.240%	
35) Dibromofluoromethane	7.722	113	74653	53.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.120%	
50) Toluene-d8	10.185	98	268754	53.491	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.980%	
62) 4-Bromofluorobenzene	12.489	95	87302	53.558	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	52008	41.939	ug/l	97
3) Chloromethane	2.113	50	89713	47.064	ug/l	100
4) Vinyl Chloride	2.253	62	104791	48.670	ug/l	100
5) Bromomethane	2.656	94	73772	48.107	ug/l	100
6) Chloroethane	2.796	64	70532	48.344	ug/l	95
7) Trichlorofluoromethane	3.131	101	120559	48.066	ug/l	98
8) Diethyl Ether	3.534	74	39886	49.711	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	73410	47.712	ug/l	99
10) Methyl Iodide	4.094	142	70011	43.667	ug/l	99
11) Tert butyl alcohol	4.960	59	27264	251.018	ug/l	99
12) 1,1-Dichloroethene	3.881	96	66080	48.236	ug/l	93
13) Acrolein	3.735	56	18271	218.025	ug/l	99
14) Allyl chloride	4.485	41	107671	51.314	ug/l	98
15) Acrylonitrile	5.167	53	94194	277.215	ug/l	99
16) Acetone	3.948	43	105564	294.695	ug/l	100
17) Carbon Disulfide	4.198	76	184173	49.410	ug/l	99
18) Methyl Acetate	4.478	43	83916	59.944	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	176194	49.986	ug/l	99
20) Methylene Chloride	4.722	84	82822	45.486	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	78406	50.183	ug/l	98
22) Diisopropyl ether	6.118	45	251359	52.951	ug/l	97
23) Vinyl Acetate	6.064	43	579385	258.061	ug/l	99
24) 1,1-Dichloroethane	6.021	63	144792	50.776	ug/l	98
25) 2-Butanone	6.990	43	135351	274.437	ug/l	98
26) 2,2-Dichloropropane	6.984	77	123416	49.595	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	89412	49.725	ug/l	96
28) Bromochloromethane	7.338	49	64160	56.847	ug/l	98
29) Tetrahydrofuran	7.356	42	76490	283.635	ug/l	97
30) Chloroform	7.508	83	149503	51.213	ug/l	99
31) Cyclohexane	7.789	56	119529	47.094	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	125963	49.157	ug/l	98
36) 1,1-Dichloropropene	7.923	75	110579	49.489	ug/l	99
37) Ethyl Acetate	7.076	43	51660	53.941	ug/l	100
38) Carbon Tetrachloride	7.905	117	108821	49.217	ug/l	99
39) Methylcyclohexane	9.191	83	128723	49.897	ug/l	99
40) Benzene	8.167	78	333254	51.253	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	27942	54.951	ug/l	92
42) 1,2-Dichloroethane	8.240	62	87315	51.471	ug/l	100
43) Isopropyl Acetate	8.277	43	96837	52.060	ug/l	99
44) Trichloroethene	8.947	130	81962	49.387	ug/l	99
45) 1,2-Dichloropropane	9.222	63	85130	52.193	ug/l	99
46) Dibromomethane	9.313	93	43849	52.040	ug/l	97
47) Bromodichloromethane	9.502	83	113908	51.290	ug/l	99
48) Methyl methacrylate	9.295	41	56127	54.293	ug/l	98
49) 1,4-Dioxane	9.307	88	9718	1188.274	ug/l	100
51) 4-Methyl-2-Pentanone	10.075	43	272912	275.368	ug/l	100
52) Toluene	10.252	92	201140	51.620	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	105240	51.969	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	126878	51.943	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	62571	52.047	ug/l	97
56) Ethyl methacrylate	10.514	69	56966	53.887	ug/l	98
57) 1,3-Dichloropropane	10.794	76	106135	51.977	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	186622	328.161	ug/l	98
59) 2-Hexanone	10.837	43	201295	272.386	ug/l	100
60) Dibromochloromethane	10.989	129	72467	52.108	ug/l	98
61) 1,2-Dibromoethane	11.093	107	55891	51.841	ug/l	100
64) Tetrachloroethene	10.727	164	63626	48.019	ug/l	98
65) Chlorobenzene	11.520	112	207096	49.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	76852	48.739	ug/l	98
67) Ethyl Benzene	11.599	91	387179	50.194	ug/l	99
68) m/p-Xylenes	11.709	106	289316	101.571	ug/l	100
69) o-Xylene	12.038	106	134317	51.400	ug/l	99
70) Styrene	12.050	104	200264	51.791	ug/l	99
71) Bromoform	12.215	173	38716	49.250	ug/l #	96
73) Isopropylbenzene	12.337	105	363876	48.780	ug/l	100
74) N-amyl acetate	12.148	43	78132	49.909	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	73517	49.319	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	88302	83.398	ug/l #	100
77) Bromobenzene	12.617	156	77523	47.638	ug/l	98
78) n-propylbenzene	12.678	91	445902	49.337	ug/l	100
79) 2-Chlorotoluene	12.764	91	242347	48.460	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	294280	49.837	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	21910	48.597	ug/l	99
82) 4-Chlorotoluene	12.861	91	252522	49.219	ug/l	100
83) tert-Butylbenzene	13.081	119	250481	48.768	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	291215	50.015	ug/l	98
85) sec-Butylbenzene	13.257	105	375301	49.333	ug/l	99
86) p-Isopropyltoluene	13.373	119	313015	49.406	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	154521	48.587	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	150506	48.466	ug/l	99
89) n-Butylbenzene	13.702	91	302377	49.928	ug/l	100
90) Hexachloroethane	13.965	117	64862	49.166	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	132938	49.067	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9234	47.788	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	70581	49.096	ug/l	98
94) Hexachlorobutadiene	15.117	225	39727	48.654	ug/l	100
95) Naphthalene	15.245	128	131084	42.906	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	59129	48.293	ug/l	98

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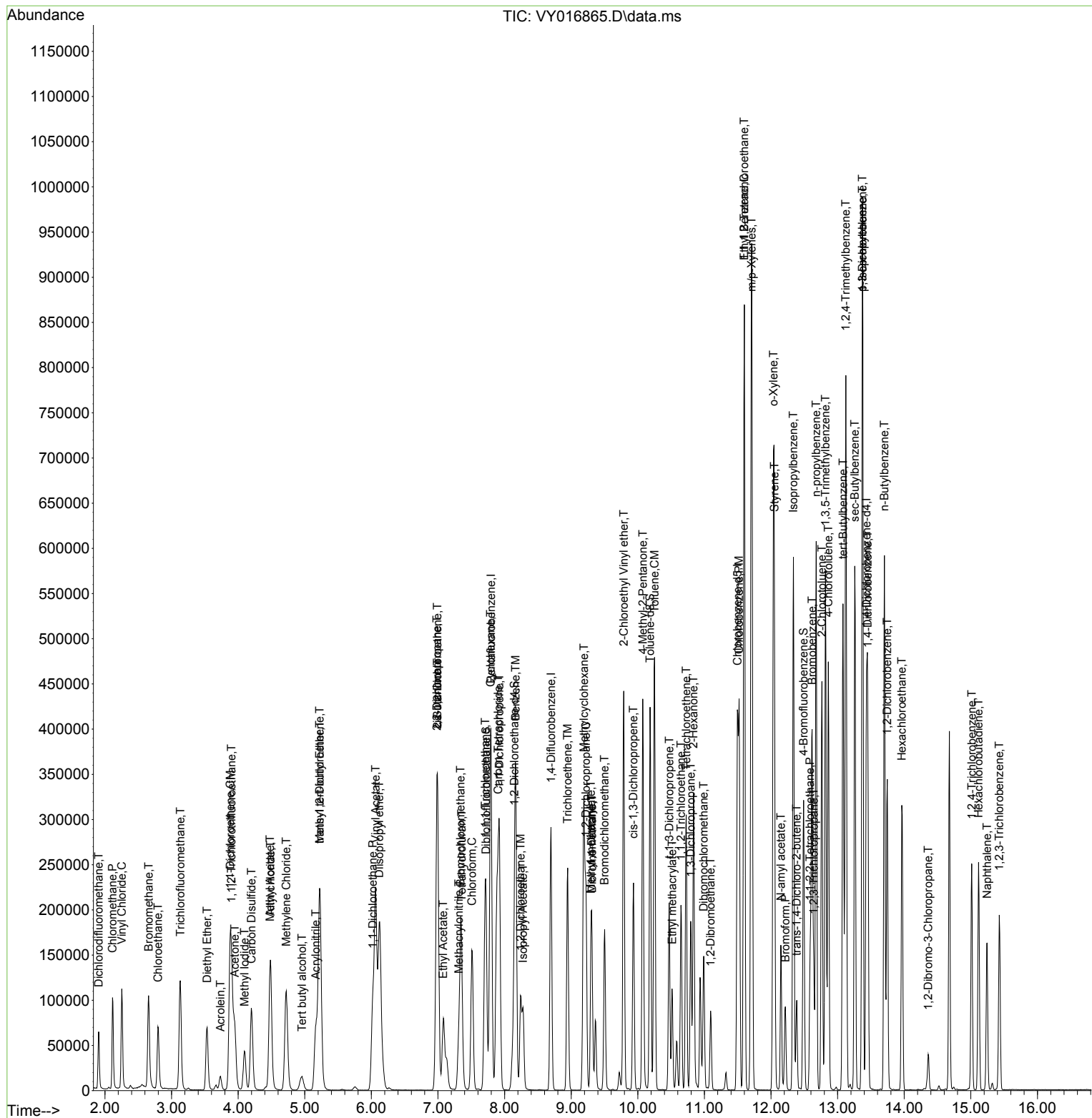
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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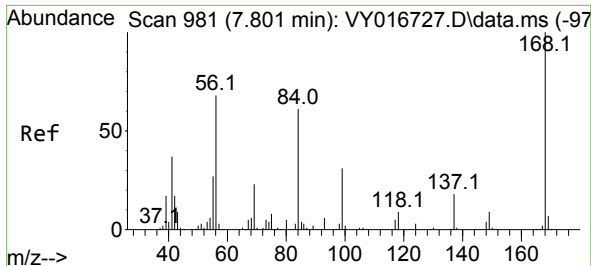
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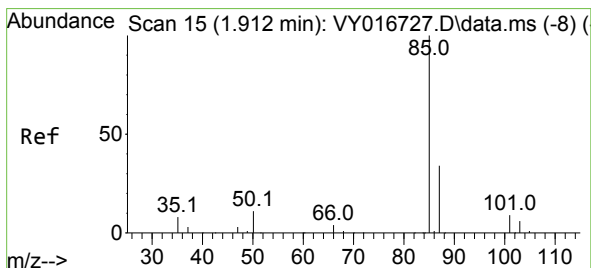
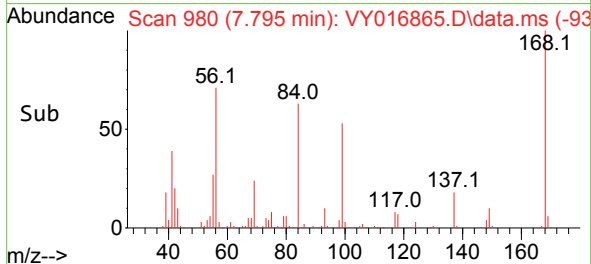
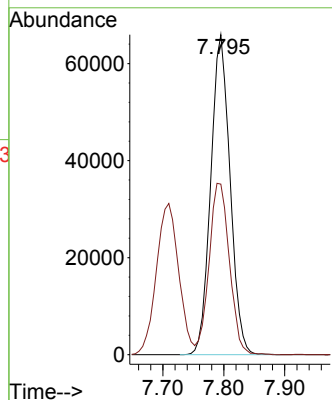
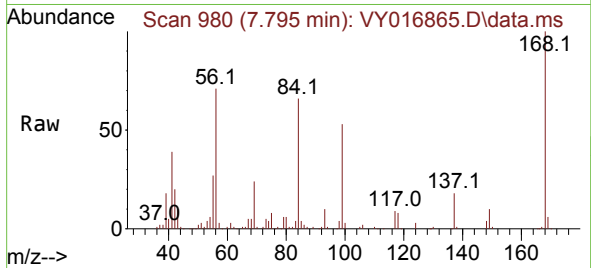




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
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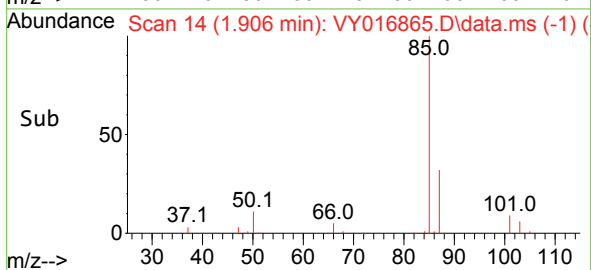
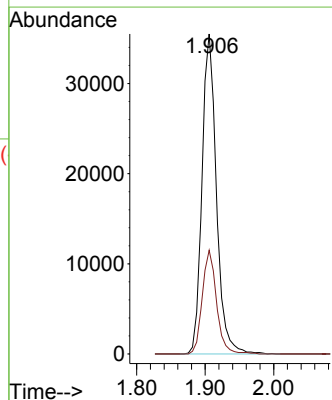
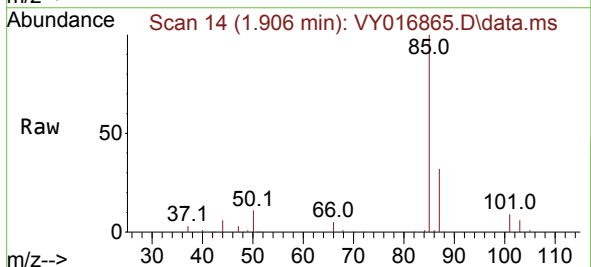
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

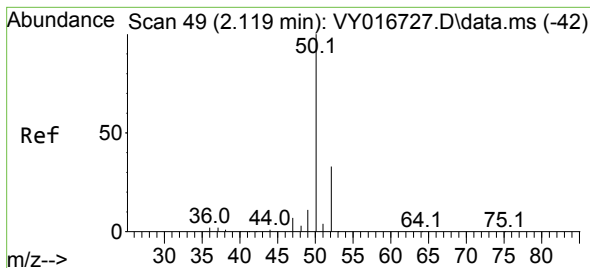
Tgt Ion:168 Resp: 145110
Ion Ratio Lower Upper
168 100
99 53.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 41.939 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 85 Resp: 52008
Ion Ratio Lower Upper
85 100
87 32.4 17.1 51.3





#3

Chloromethane

Concen: 47.064 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

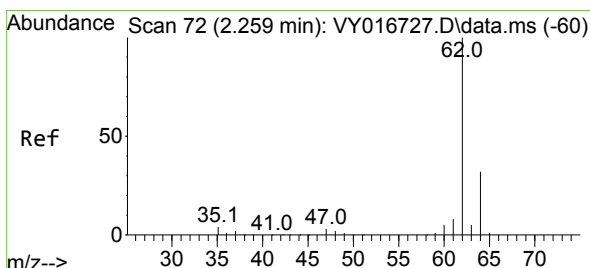
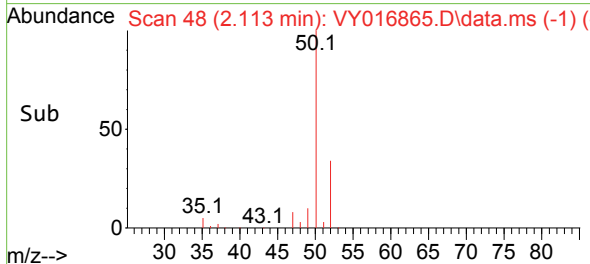
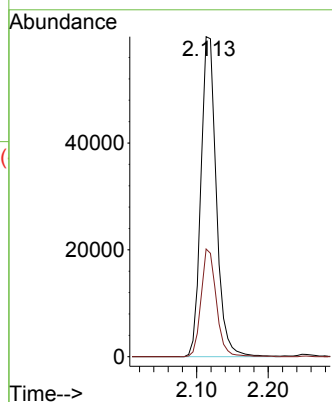
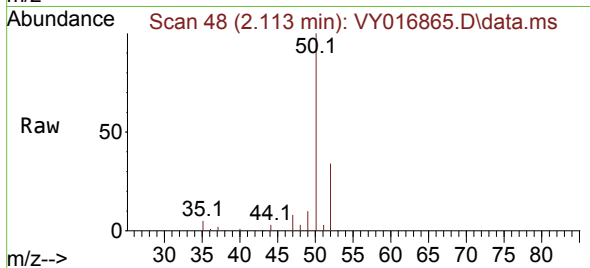
VSTDCCC050

Tgt Ion: 50 Resp: 89713

Ion Ratio Lower Upper

50 100

52 33.7 26.7 40.1



#4

Vinyl Chloride

Concen: 48.670 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.006 min

Lab File: VY016865.D

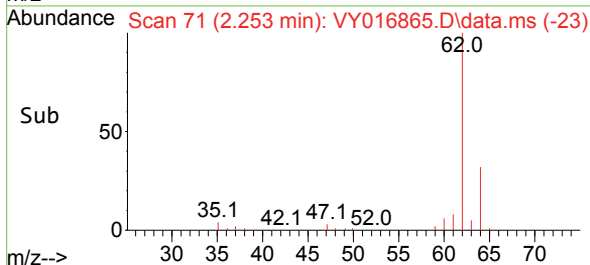
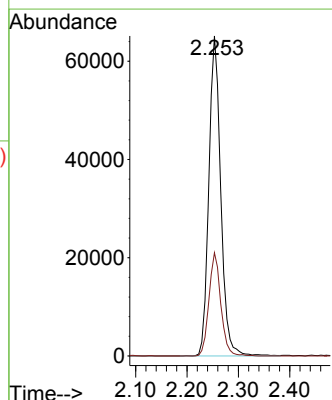
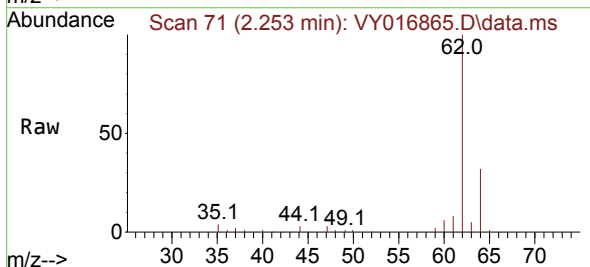
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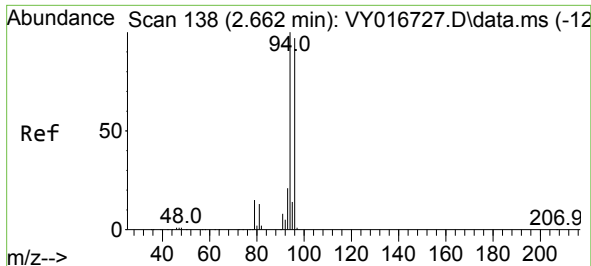
Tgt Ion: 62 Resp: 104791

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5

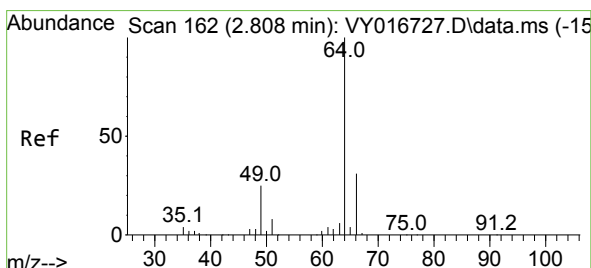
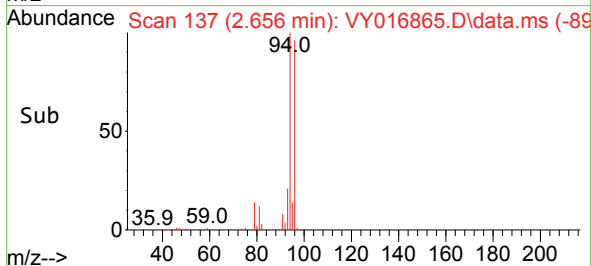
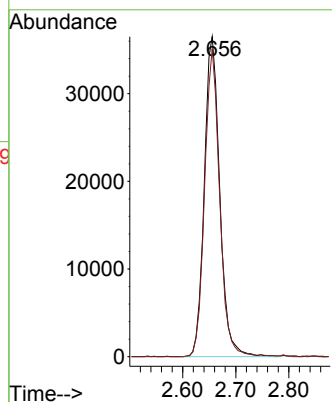
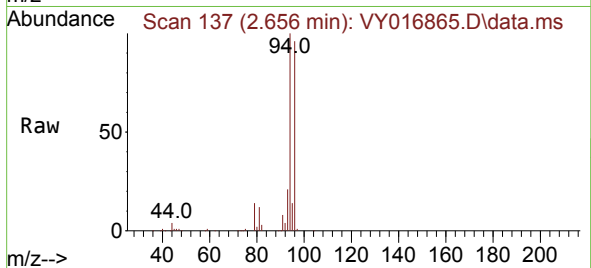




#5
Bromomethane
Concen: 48.107 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
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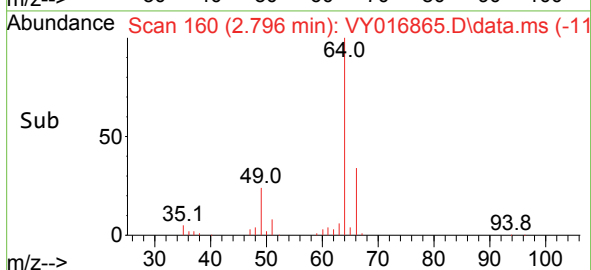
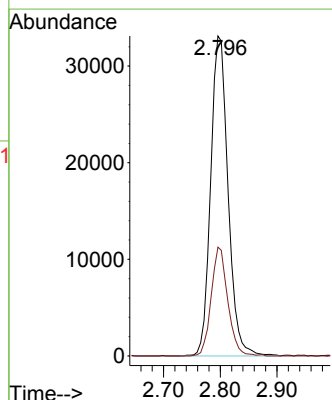
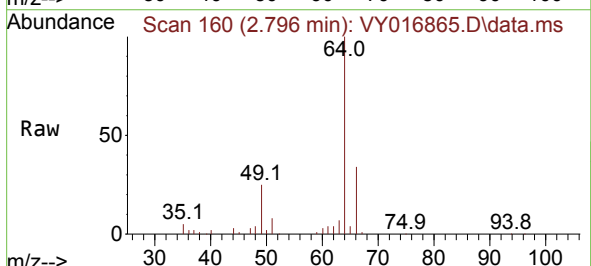
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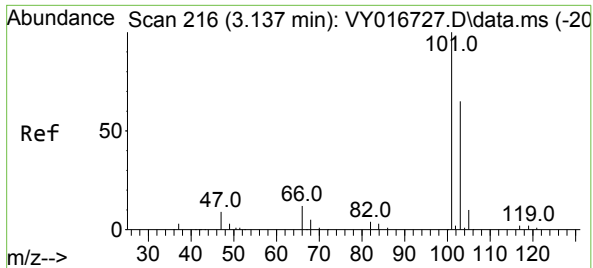
Tgt Ion: 94 Resp: 73772
Ion Ratio Lower Upper
94 100
96 96.3 77.3 115.9



#6
Chloroethane
Concen: 48.344 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.012 min
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Tgt Ion: 64 Resp: 70532
Ion Ratio Lower Upper
64 100
66 34.0 25.1 37.7

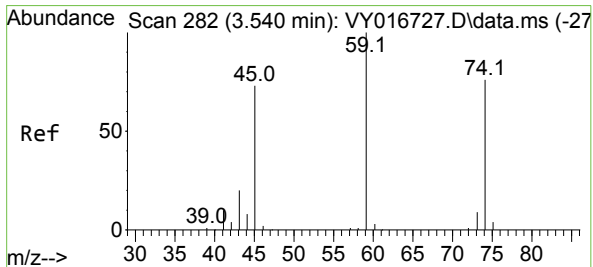
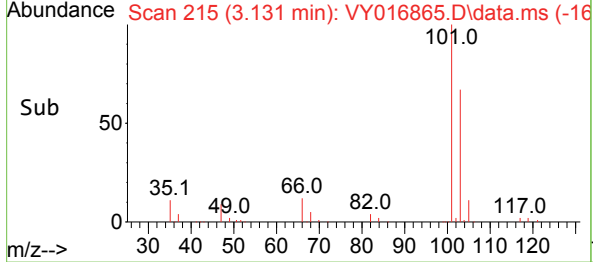
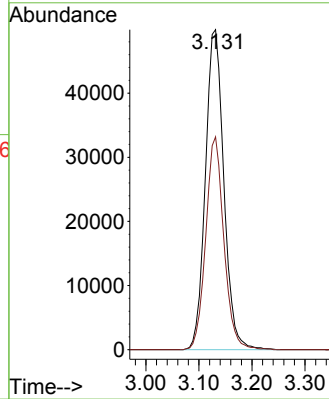
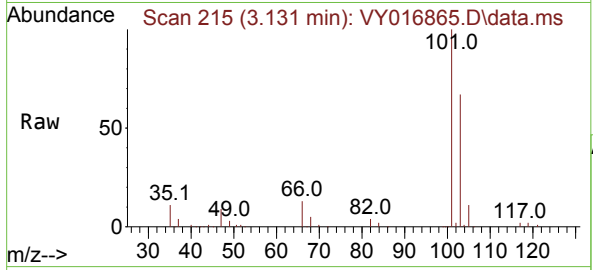




#7
 Trichlorofluoromethane
 Concen: 48.066 ug/l
 RT: 3.131 min Scan# 216
 Delta R.T. -0.006 min
 Lab File: VY016865.D
 Acq: 27 Dec 2023 09:14

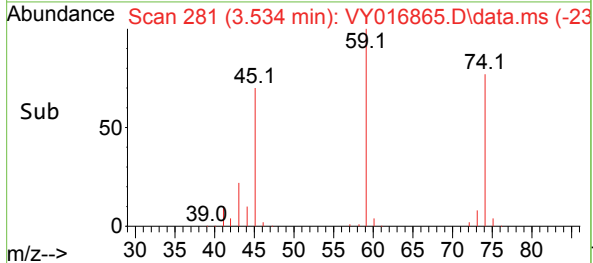
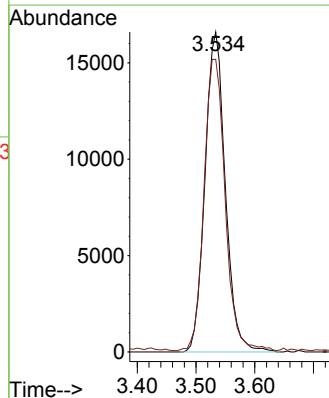
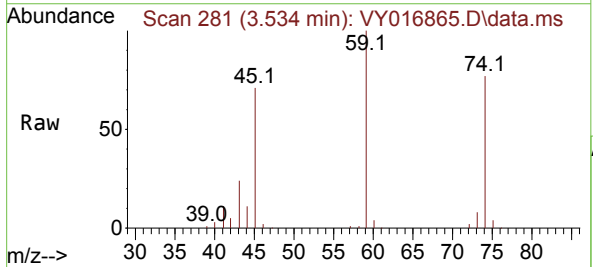
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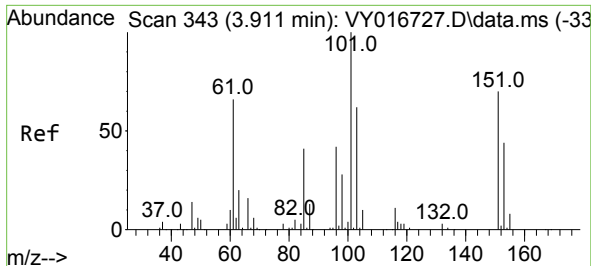
Tgt Ion:101 Resp: 120559
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 49.711 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 39886
 Ion Ratio Lower Upper
 74 100
 45 94.6 47.9 143.7

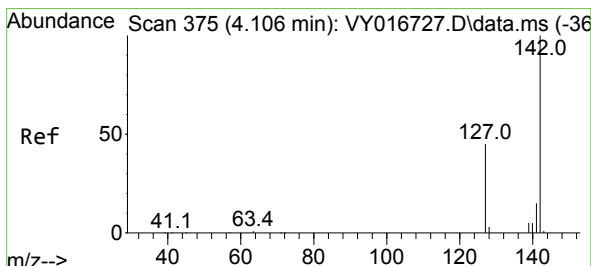
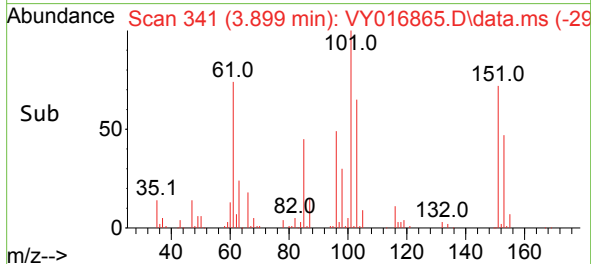
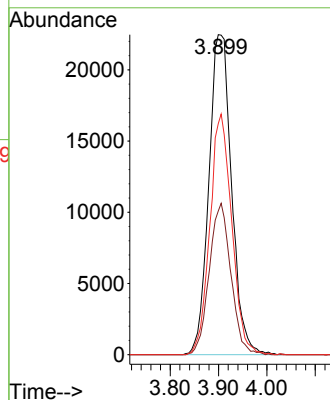
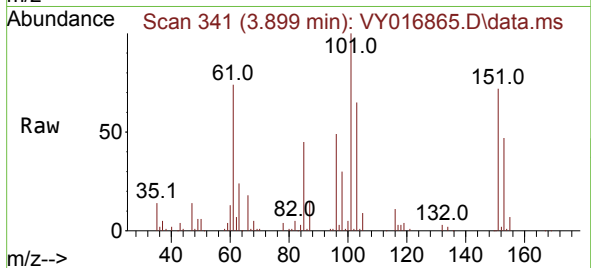




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.712 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

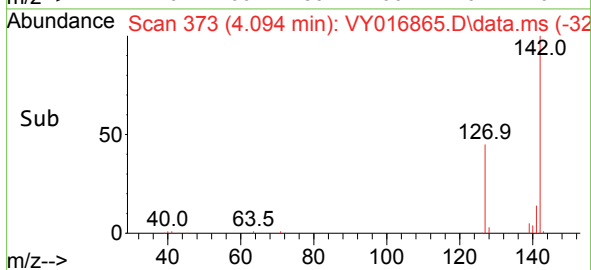
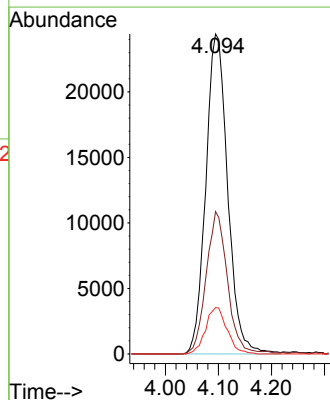
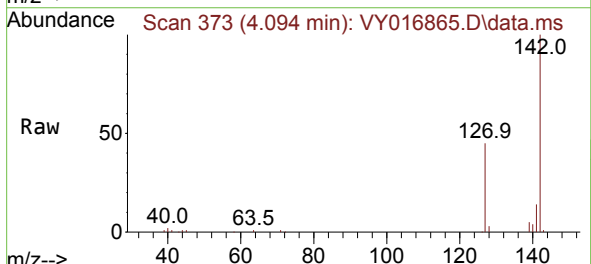
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

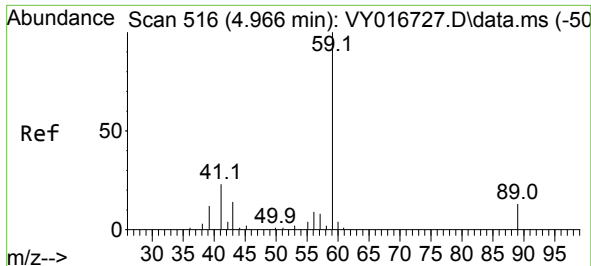
Tgt Ion:101 Resp: 73410
Ion Ratio Lower Upper
101 100
85 45.0 35.8 53.6
151 72.4 58.6 88.0



#10
Methyl Iodide
Concen: 43.667 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion:142 Resp: 70011
Ion Ratio Lower Upper
142 100
127 43.4 35.1 52.7
141 14.2 11.8 17.6





#11

Tert butyl alcohol

Concen: 251.018 ug/l

RT: 4.960 min Scan# 516

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

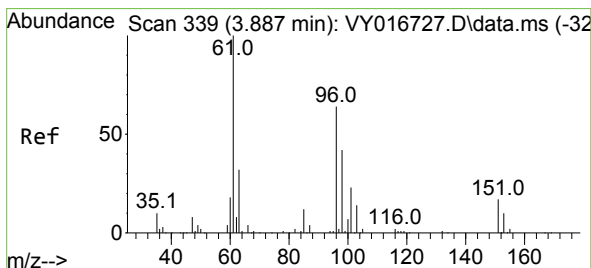
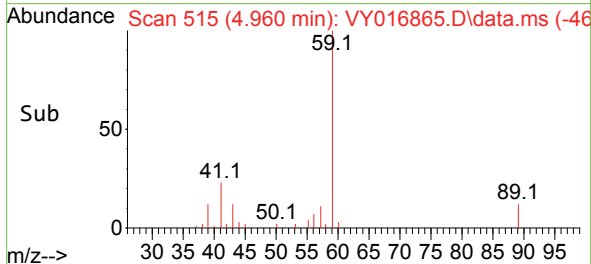
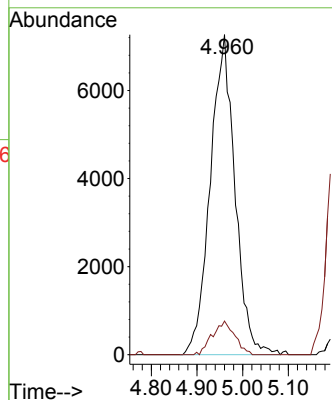
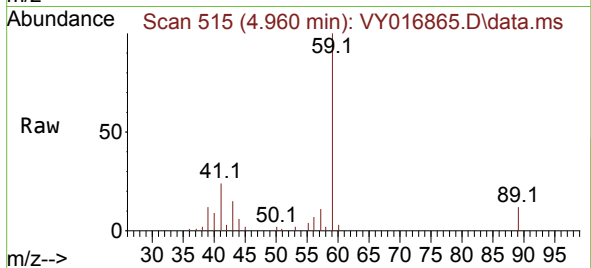
VSTDCCC050

Tgt Ion: 59 Resp: 27264

Ion Ratio Lower Upper

59 100

57 9.5 7.4 11.0



#12

1,1-Dichloroethene

Concen: 48.236 ug/l

RT: 3.881 min Scan# 338

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

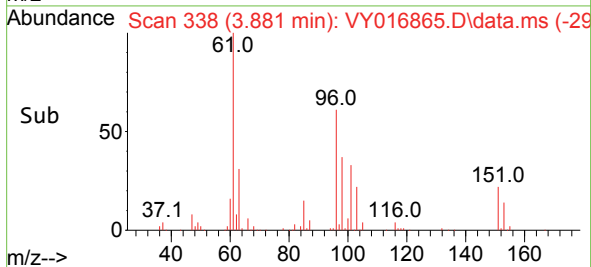
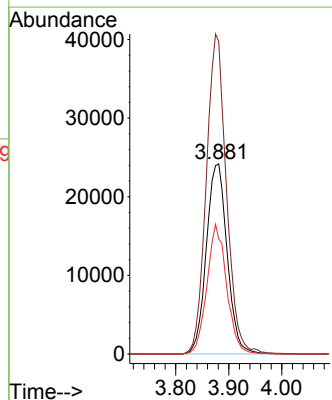
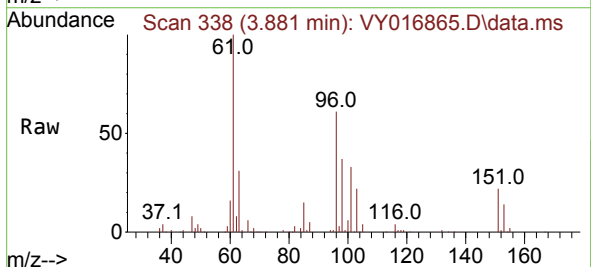
Tgt Ion: 96 Resp: 66080

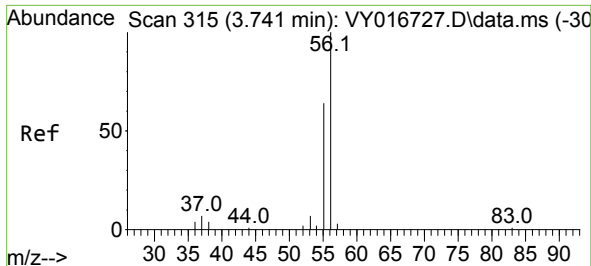
Ion Ratio Lower Upper

96 100

61 164.4 124.2 186.2

98 60.5 52.6 79.0

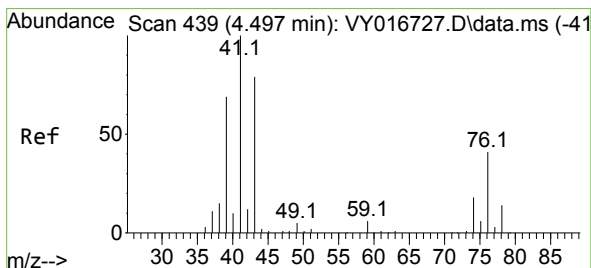
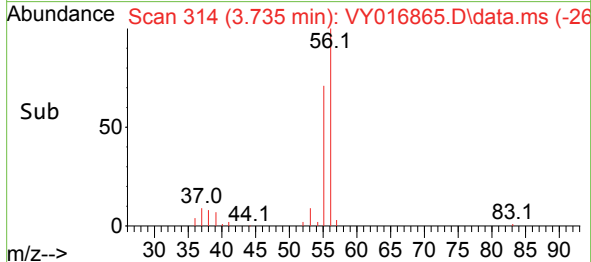
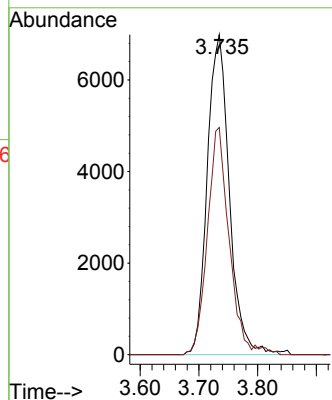
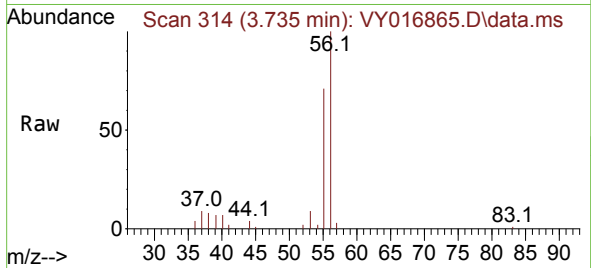




#13
Acrolein
Concen: 218.025 ug/l
RT: 3.735 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

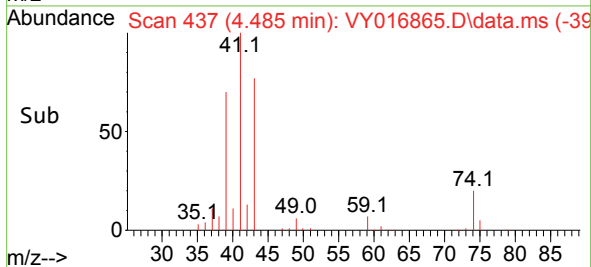
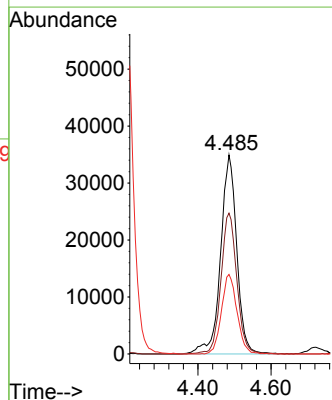
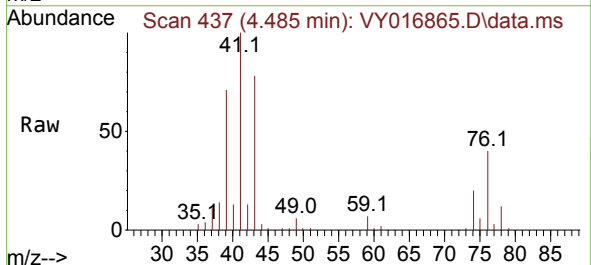
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

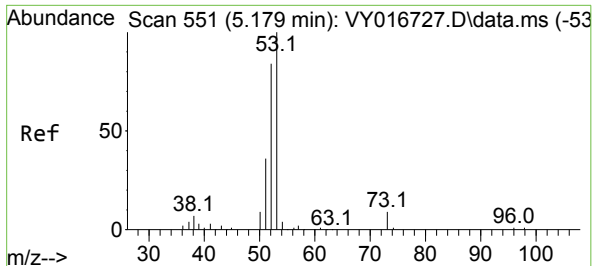
Tgt Ion: 56 Resp: 18271
Ion Ratio Lower Upper
56 100
55 70.3 55.4 83.0



#14
Allyl chloride
Concen: 51.314 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 41 Resp: 107671
Ion Ratio Lower Upper
41 100
39 69.4 54.7 82.1
76 38.5 31.8 47.6





#15

Acrylonitrile

Concen: 277.215 ug/l

RT: 5.167 min Scan# 549

Delta R.T. -0.012 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

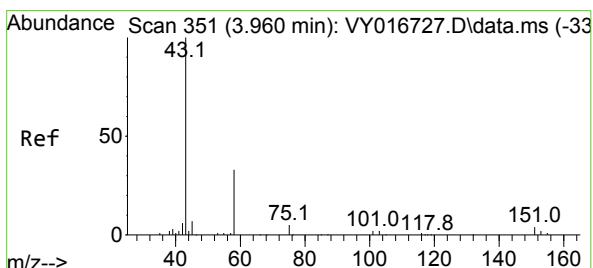
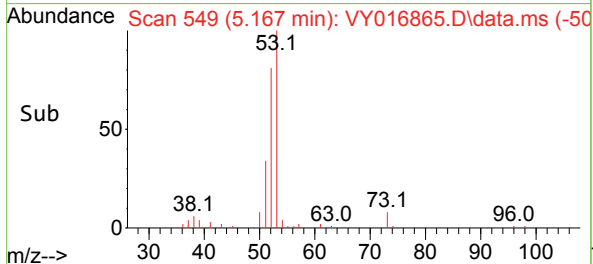
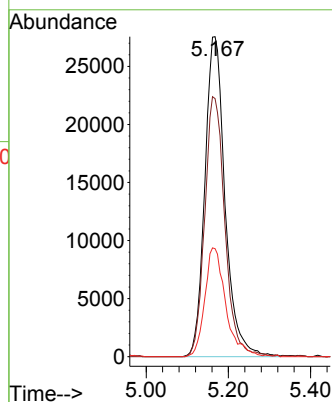
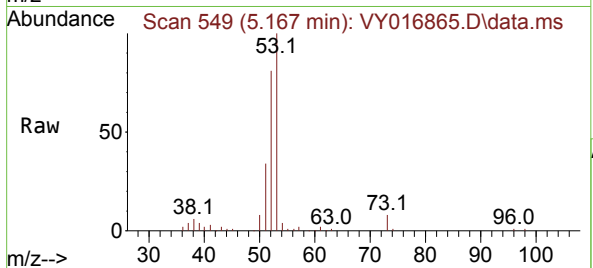
Tgt Ion: 53 Resp: 94194

Ion Ratio Lower Upper

53 100

52 80.8 65.1 97.7

51 35.2 29.0 43.4



#16

Acetone

Concen: 294.695 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.012 min

Lab File: VY016865.D

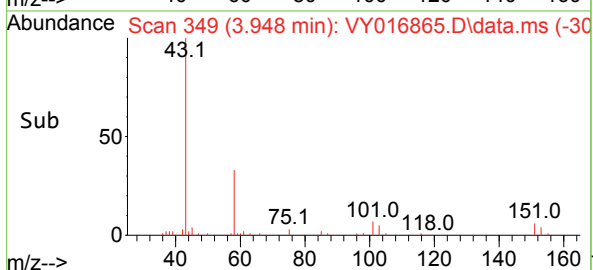
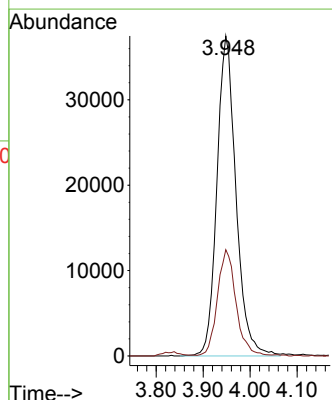
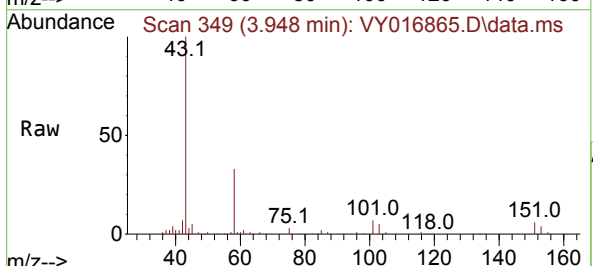
Acq: 27 Dec 2023 09:14

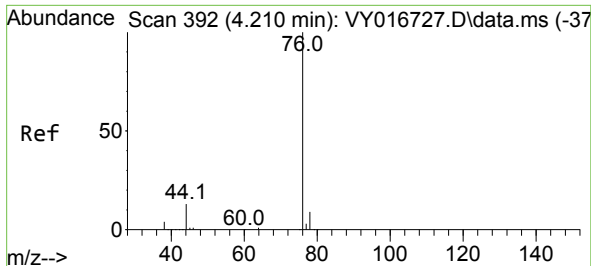
Tgt Ion: 43 Resp: 105564

Ion Ratio Lower Upper

43 100

58 32.9 26.6 39.8

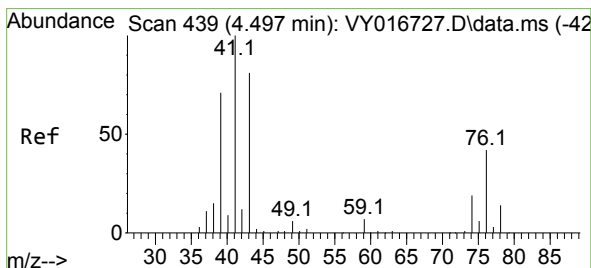
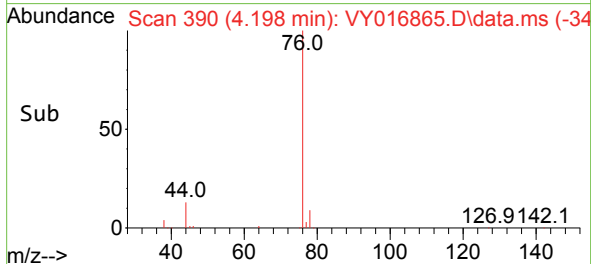
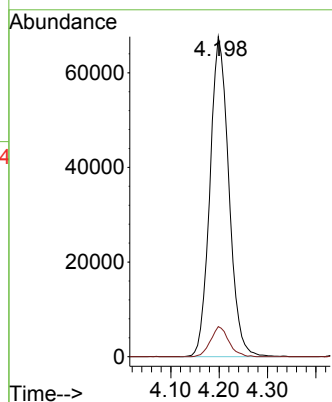
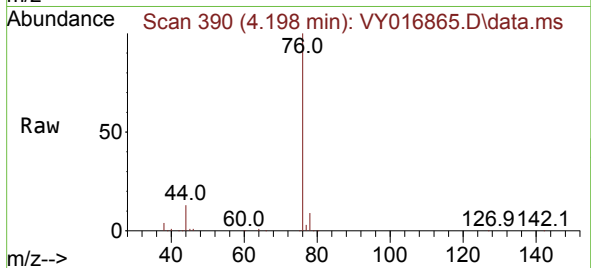




#17
Carbon Disulfide
Concen: 49.410 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

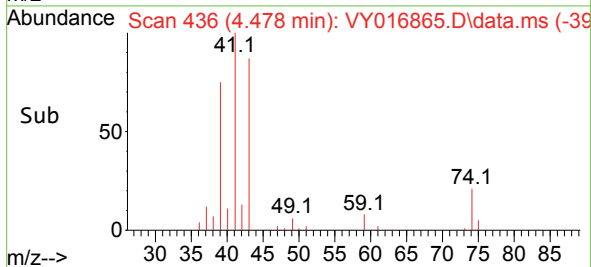
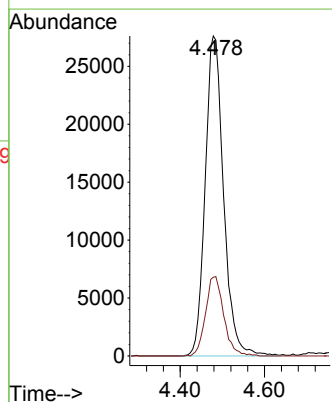
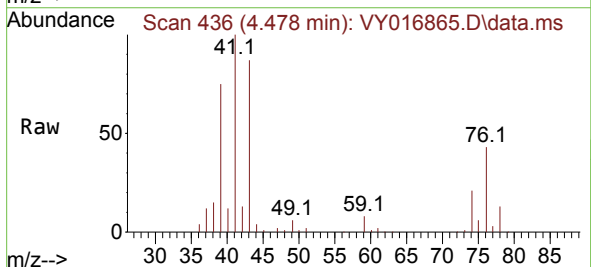
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

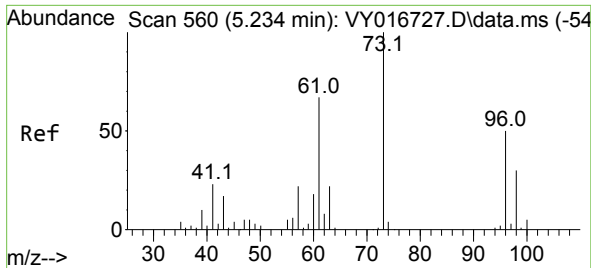
Tgt Ion: 76 Resp: 184173
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 59.944 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 43 Resp: 83916
Ion Ratio Lower Upper
43 100
74 24.6 19.8 29.6

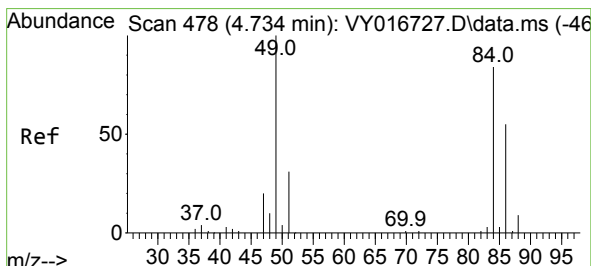
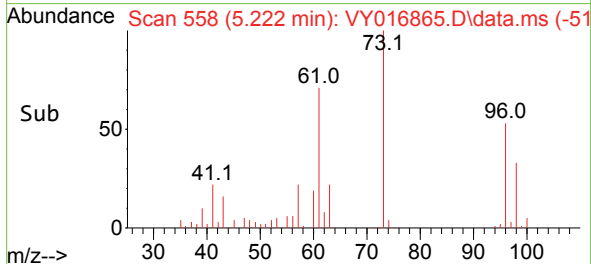
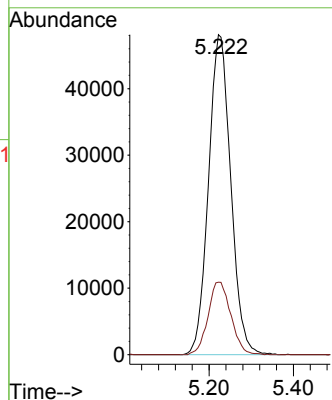
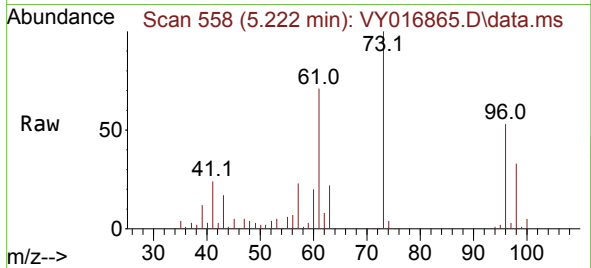




#19
Methyl tert-butyl Ether
Concen: 49.986 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

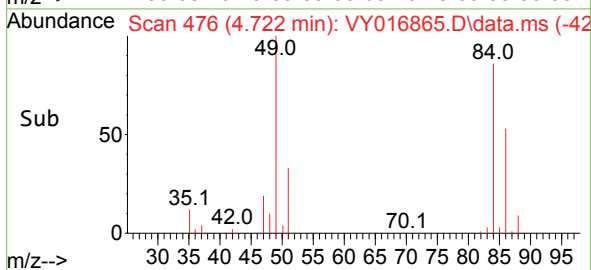
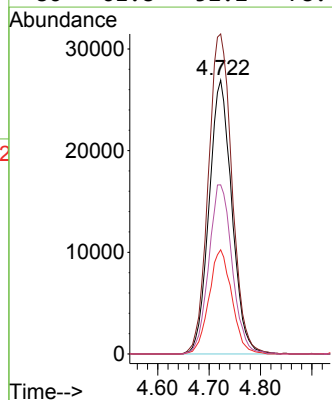
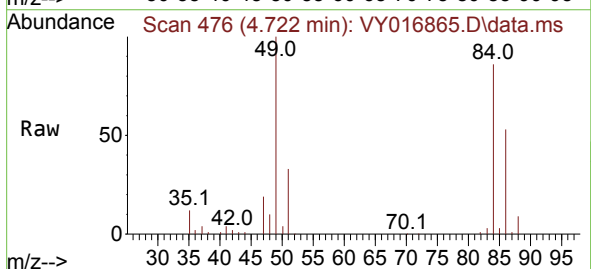
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

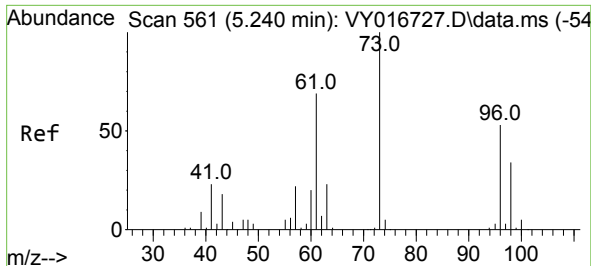
Tgt Ion: 73 Resp: 176194
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#20
Methylene Chloride
Concen: 45.486 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 84 Resp: 82822
Ion Ratio Lower Upper
84 100
49 116.9 95.2 142.8
51 38.1 29.9 44.9
86 61.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.183 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

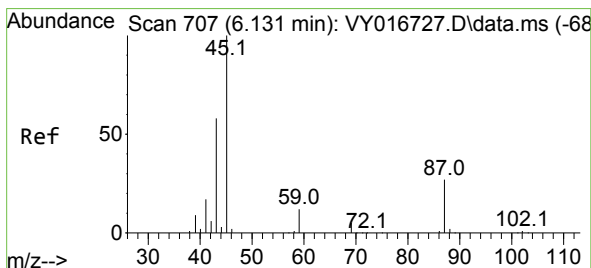
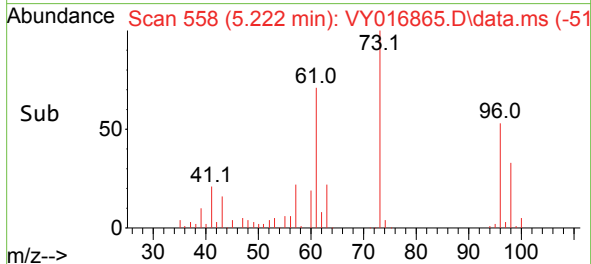
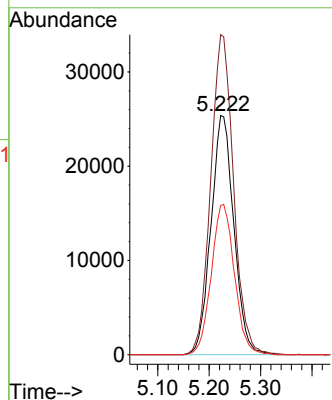
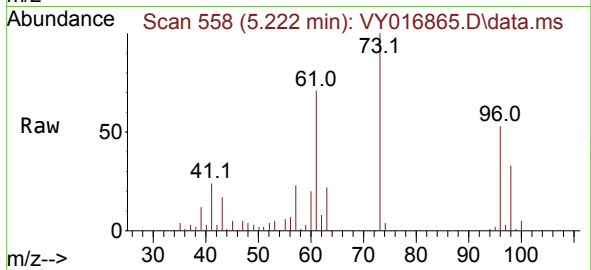
Tgt Ion: 96 Resp: 78406

Ion Ratio Lower Upper

96 100

61 133.8 104.6 156.8

98 62.4 50.9 76.3



#22

Diisopropyl ether

Concen: 52.951 ug/l

RT: 6.118 min Scan# 705

Delta R.T. -0.012 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Tgt Ion: 45 Resp: 251359

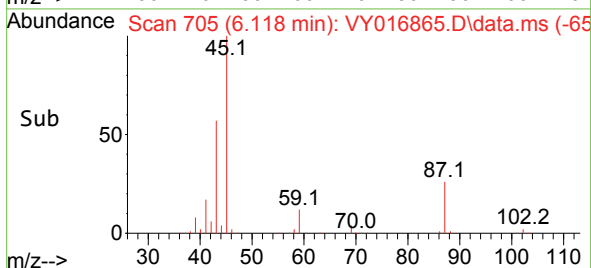
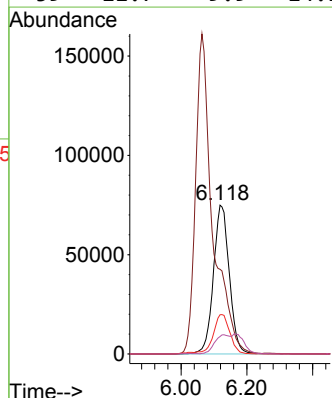
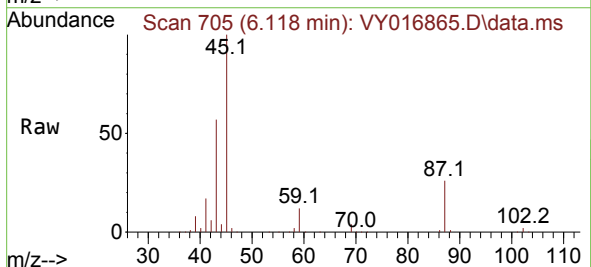
Ion Ratio Lower Upper

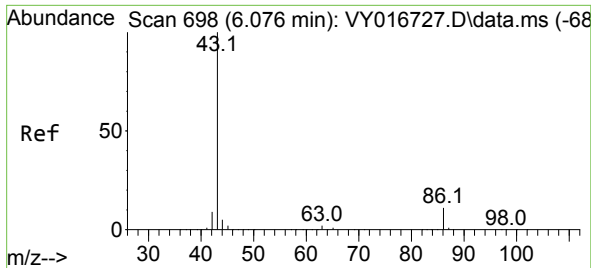
45 100

43 56.5 46.8 70.2

87 26.3 22.2 33.2

59 11.7 9.9 14.9

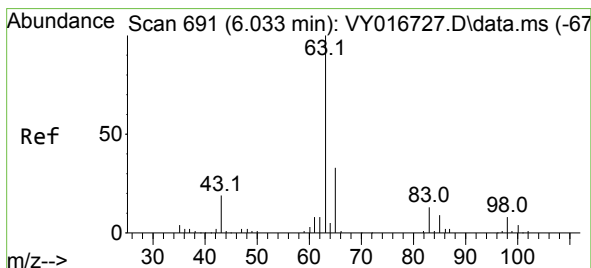
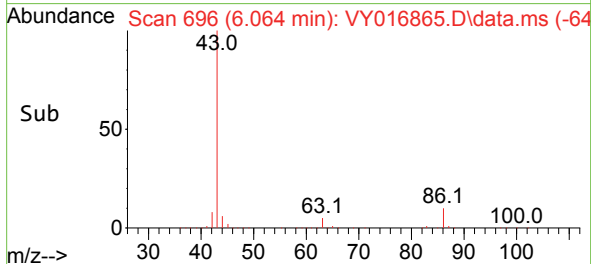
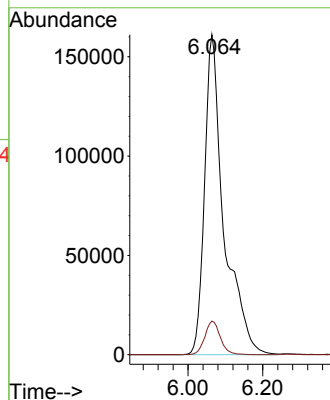
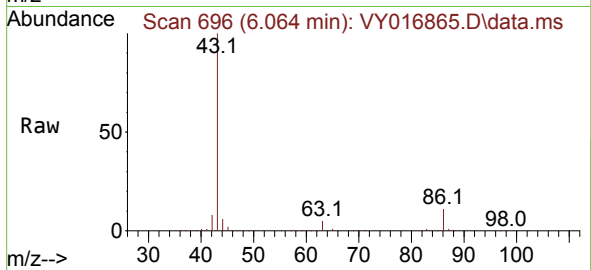




#23
 Vinyl Acetate
 Concen: 258.061 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.012 min
 Lab File: VY016865.D
 Acq: 27 Dec 2023 09:14

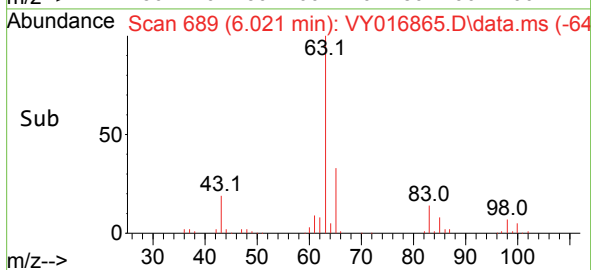
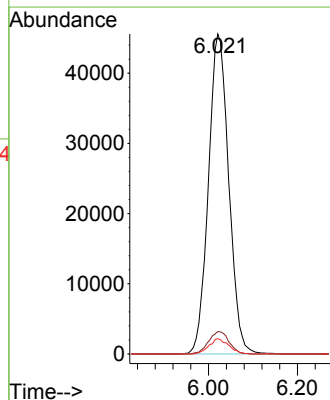
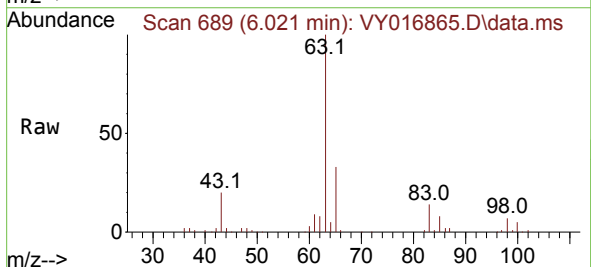
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

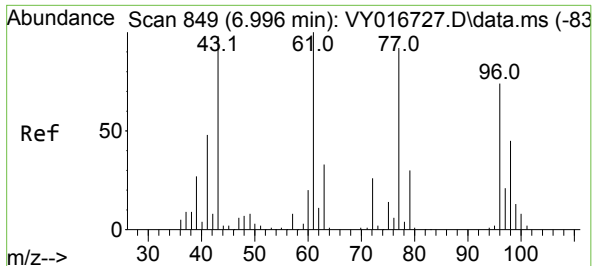
Tgt Ion: 43 Resp: 579385
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.776 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.012 min
 Lab File: VY016865.D
 Acq: 27 Dec 2023 09:14

Tgt Ion: 63 Resp: 144792
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 4.8 2.1 6.2





#25

2-Butanone

Concen: 274.437 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

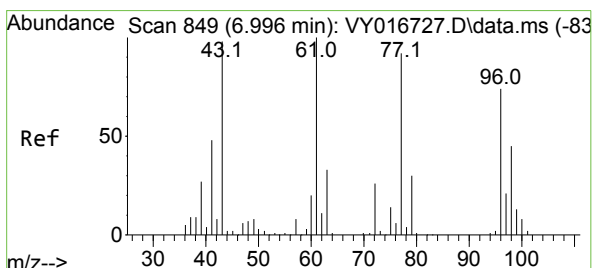
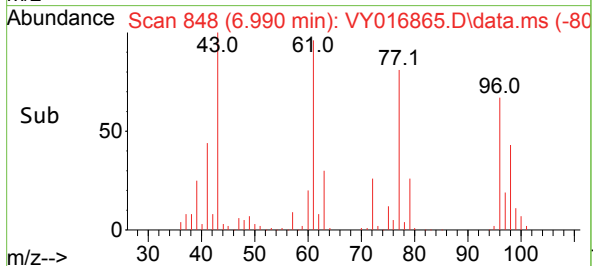
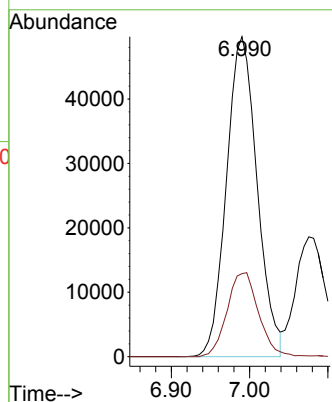
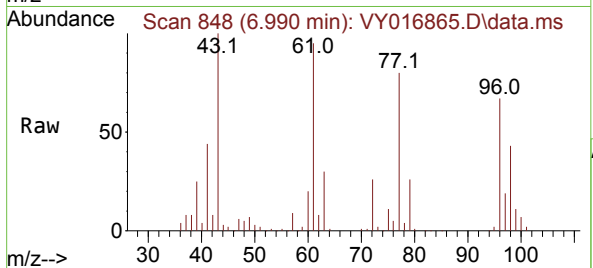
VSTDCCC050

Tgt Ion: 43 Resp: 135351

Ion Ratio Lower Upper

43 100

72 26.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 49.595 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016865.D

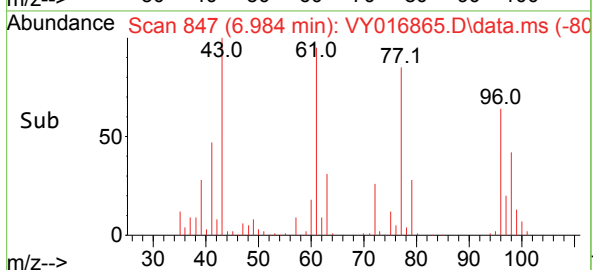
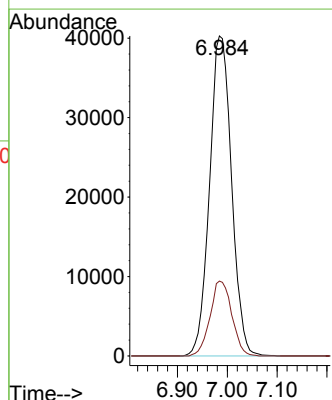
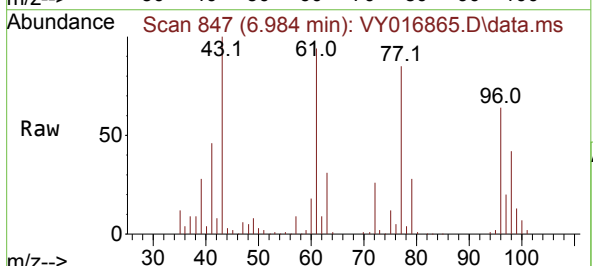
Acq: 27 Dec 2023 09:14

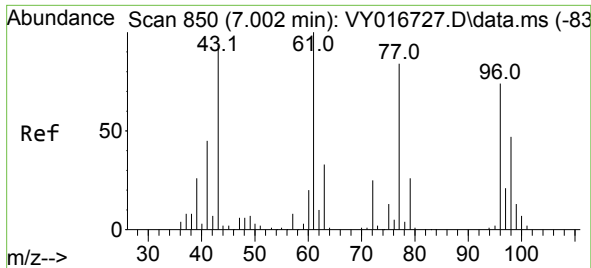
Tgt Ion: 77 Resp: 123416

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0

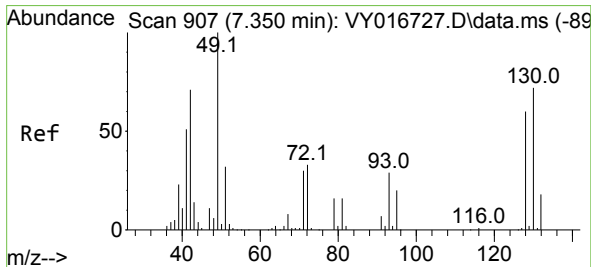
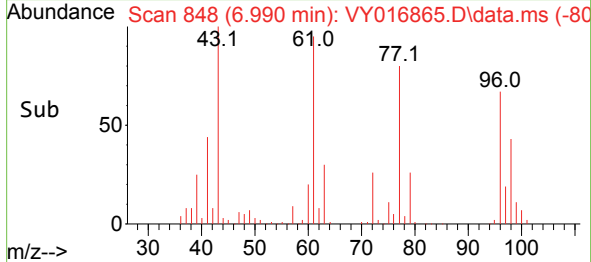
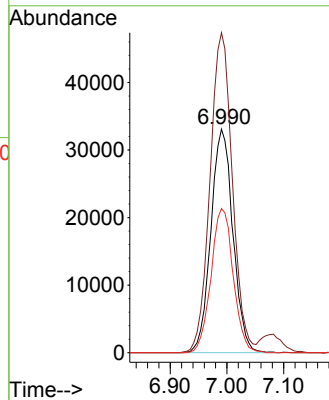
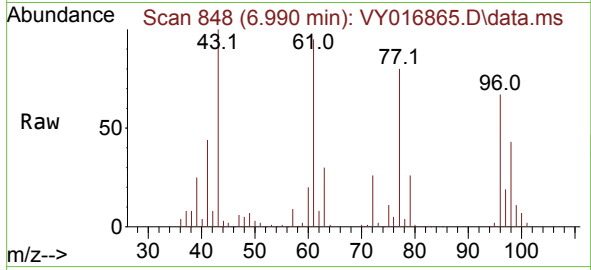




#27
 cis-1,2-Dichloroethene
 Concen: 49.725 ug/l
 RT: 6.990 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: VY016865.D
 Acq: 27 Dec 2023 09:14

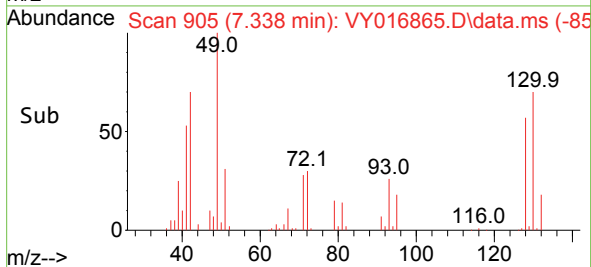
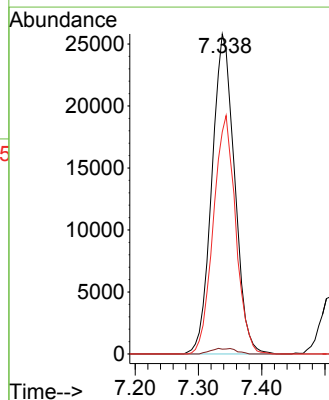
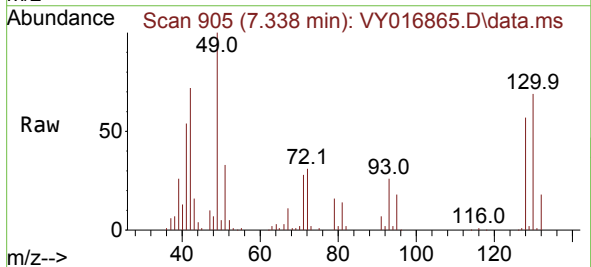
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

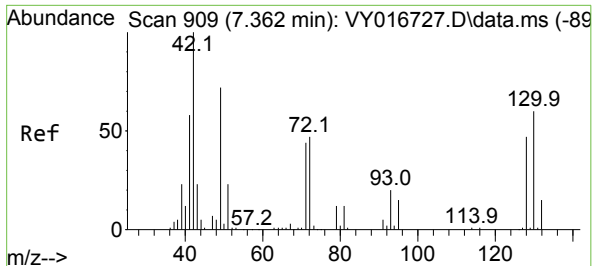
Tgt Ion: 96 Resp: 89412
 Ion Ratio Lower Upper
 96 100
 61 144.9 0.0 278.8
 98 64.8 0.0 127.0



#28
 Bromochloromethane
 Concen: 56.847 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.012 min
 Lab File: VY016865.D
 Acq: 27 Dec 2023 09:14

Tgt Ion: 49 Resp: 64160
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 73.4 59.8 89.8





#29

Tetrahydrofuran

Concen: 283.635 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

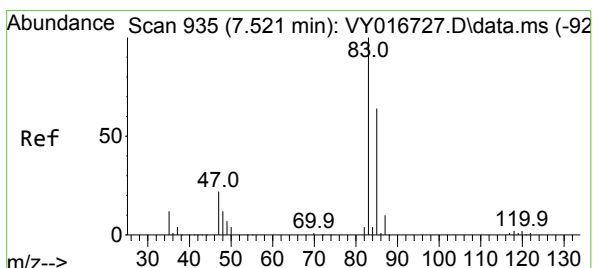
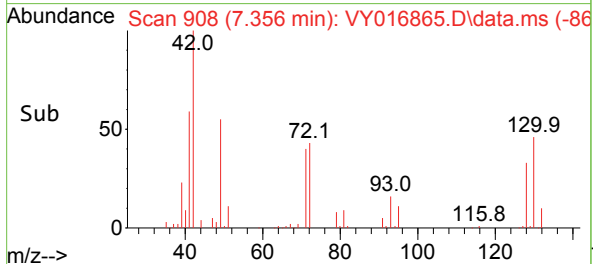
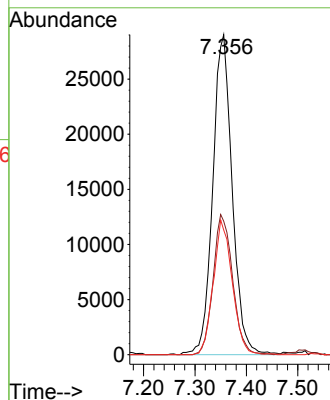
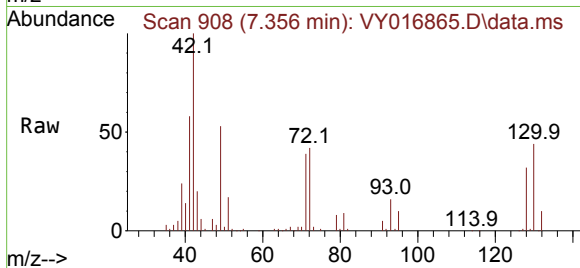
Tgt Ion: 42 Resp: 76490

Ion Ratio Lower Upper

42 100

72 43.9 36.6 54.8

71 40.8 33.8 50.6



#30

Chloroform

Concen: 51.213 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.012 min

Lab File: VY016865.D

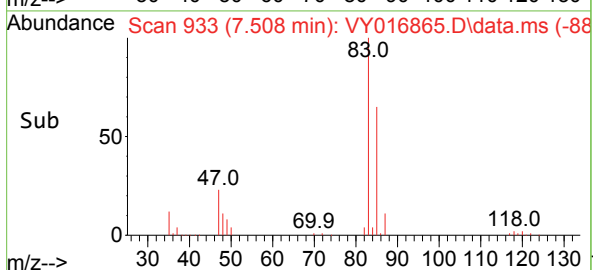
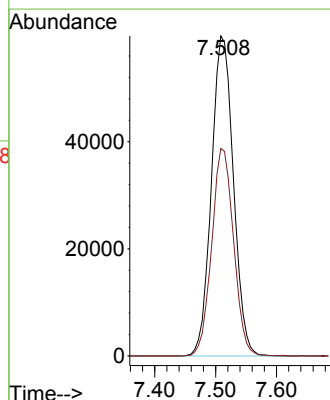
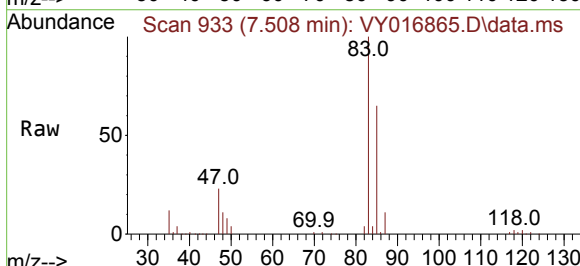
Acq: 27 Dec 2023 09:14

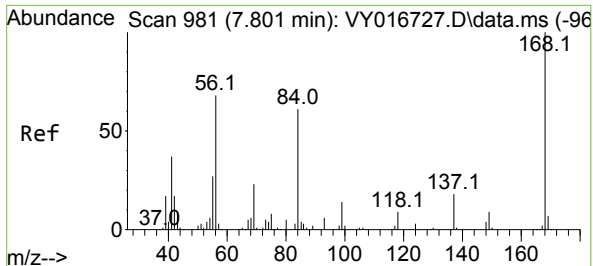
Tgt Ion: 83 Resp: 149503

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

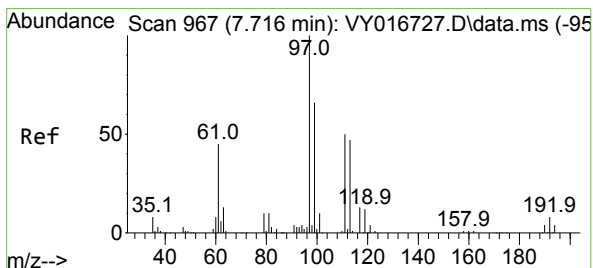
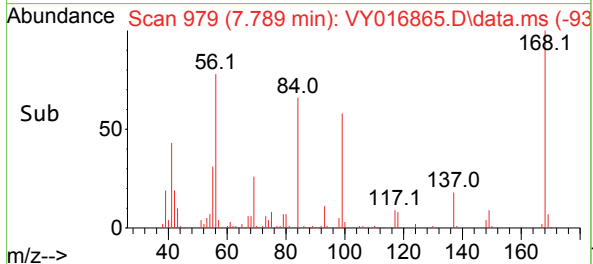
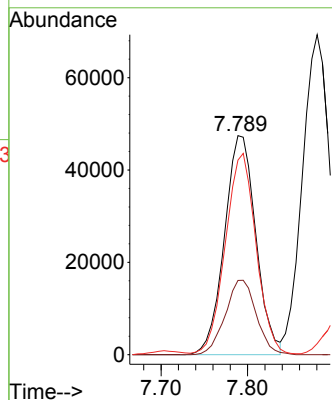
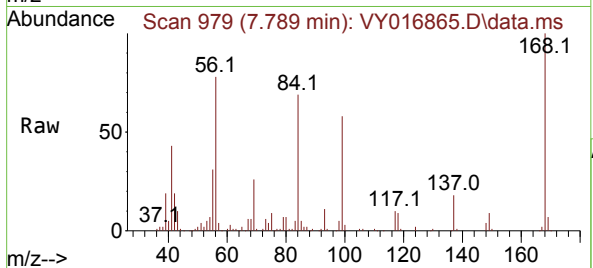




#31
Cyclohexane
Concen: 47.094 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

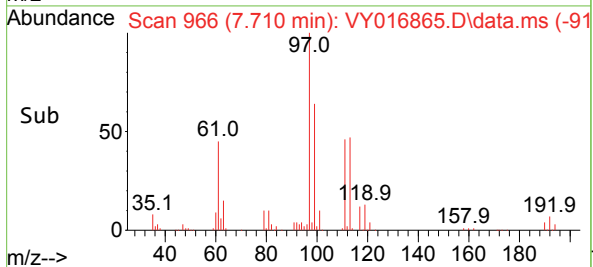
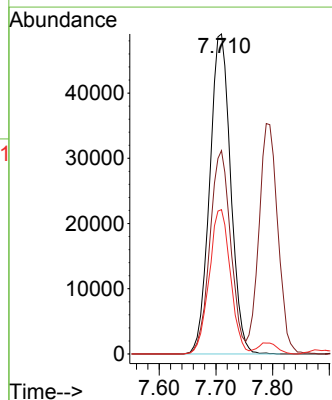
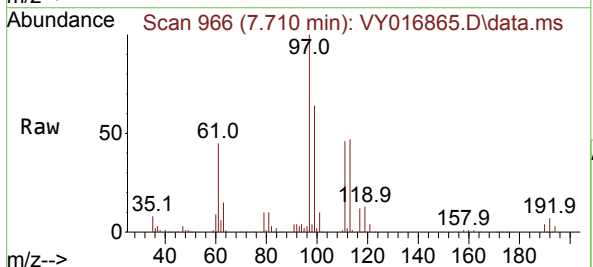
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

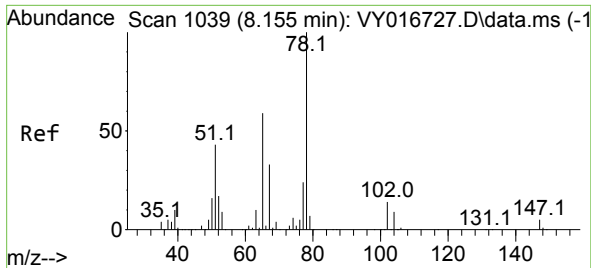
Tgt Ion: 56 Resp: 119529
Ion Ratio Lower Upper
56 100
69 33.9 27.0 40.6
84 87.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.157 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 97 Resp: 125963
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 45.7 35.0 52.6

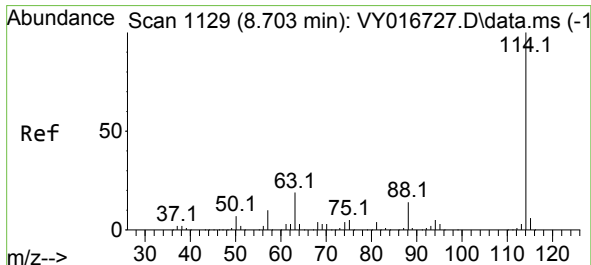
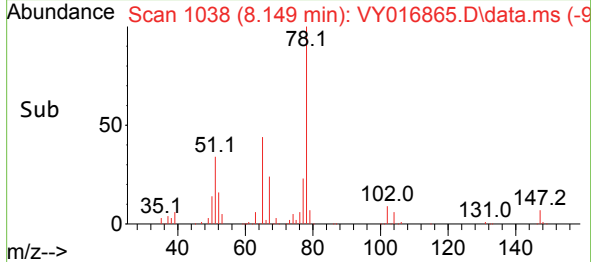
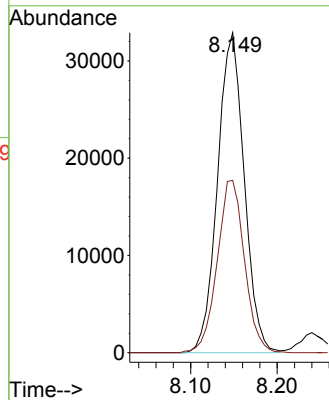
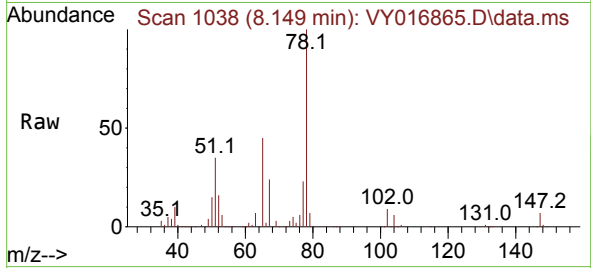




#33
1,2-Dichloroethane-d4
Concen: 53.122 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

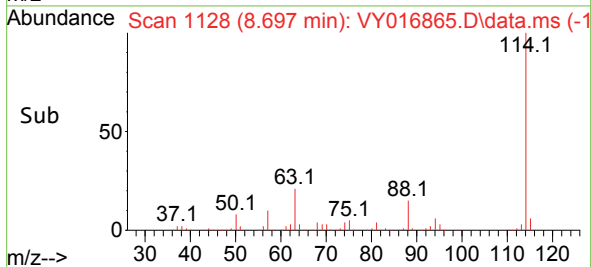
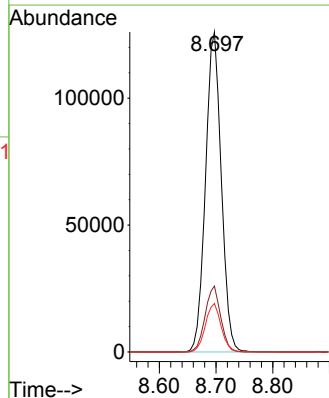
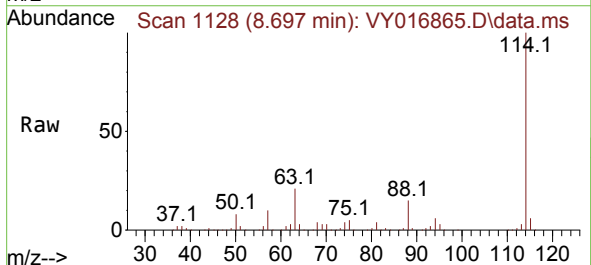
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

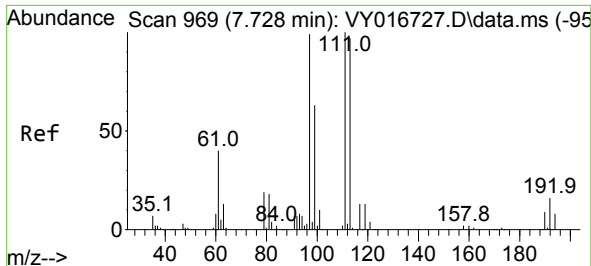
Tgt Ion: 65 Resp: 70371
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion:114 Resp: 243312
Ion Ratio Lower Upper
114 100
63 20.6 0.0 37.4
88 15.2 0.0 29.0

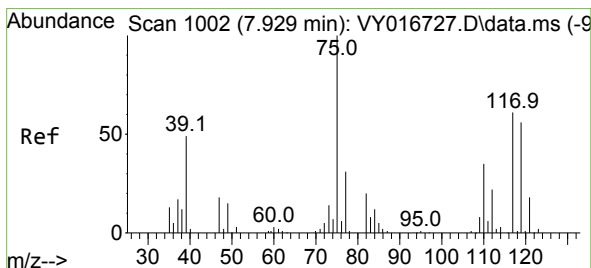
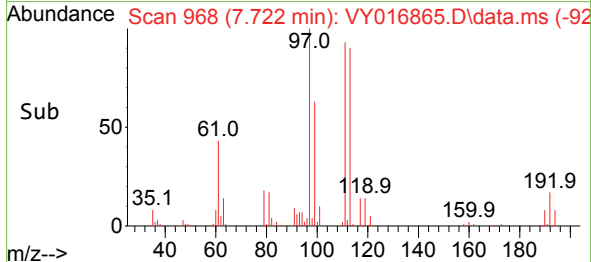
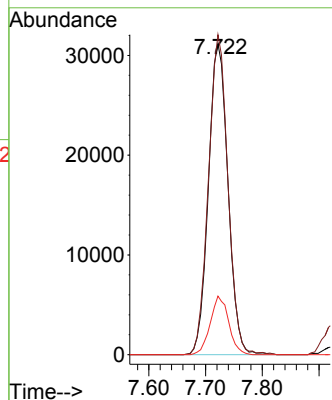
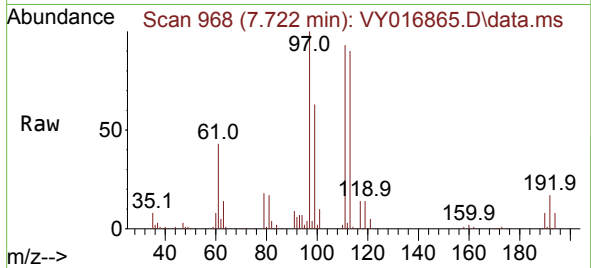




#35
Dibromofluoromethane
Concen: 53.563 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

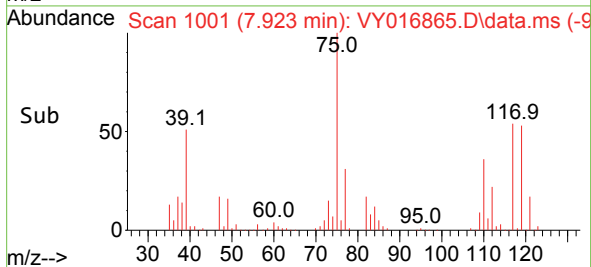
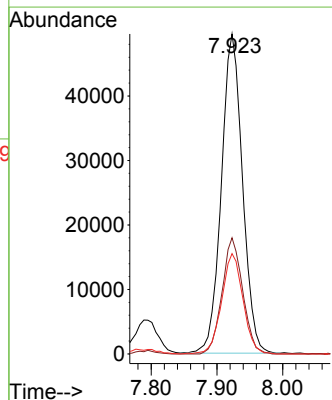
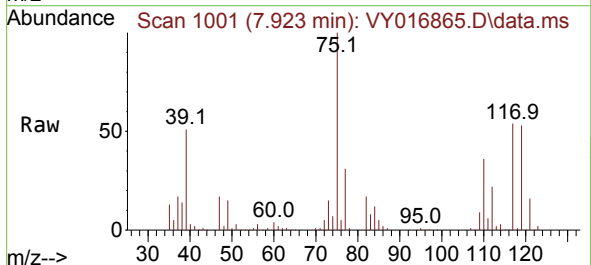
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

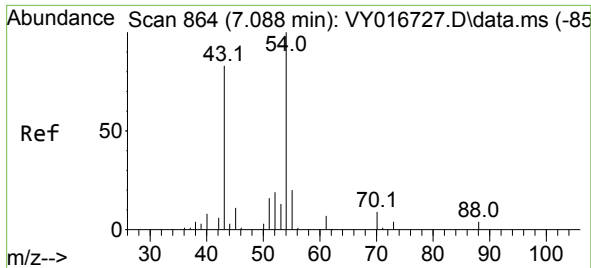
Tgt Ion:113 Resp: 74653
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 17.8 14.5 21.7



#36
1,1-Dichloropropene
Concen: 49.489 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 75 Resp: 110579
Ion Ratio Lower Upper
75 100
110 35.5 17.4 52.3
77 31.9 24.7 37.1

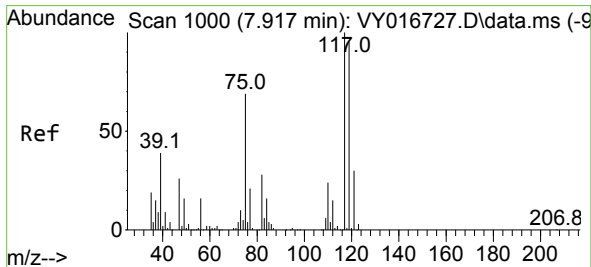
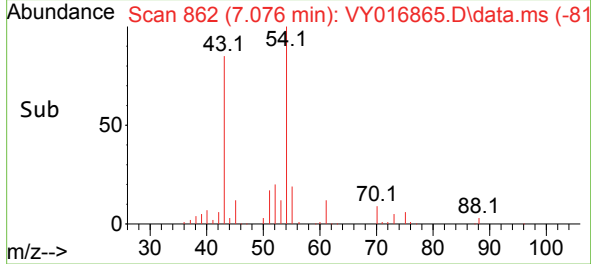
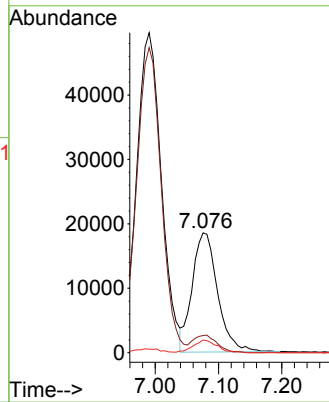
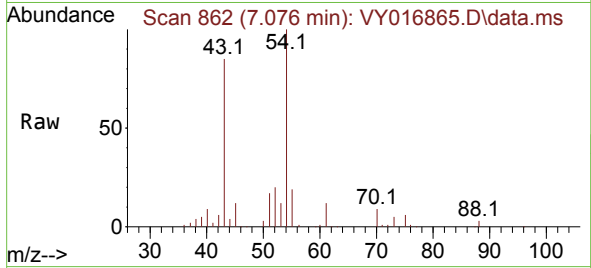




#37
Ethyl Acetate
Concen: 53.941 ug/l
RT: 7.076 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

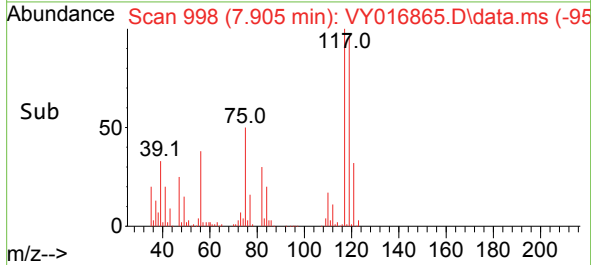
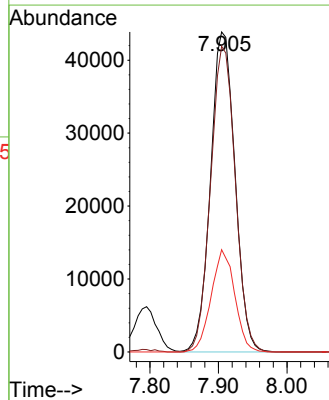
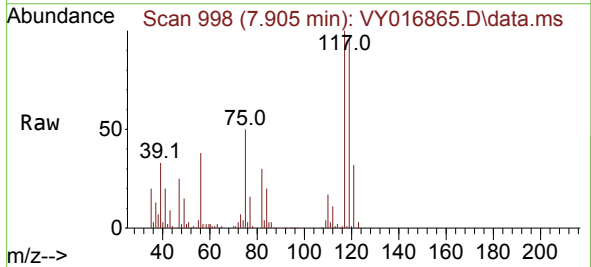
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

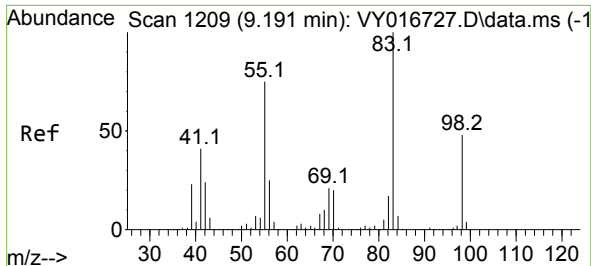
Tgt Ion: 43	Resp: 51660
Ion Ratio	Lower Upper
43	100
61	13.8 11.0 16.6
70	9.9 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.217 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.012 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 117	Resp: 108821
Ion Ratio	Lower Upper
117	100
119	95.5 76.0 114.0
121	31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 49.897 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

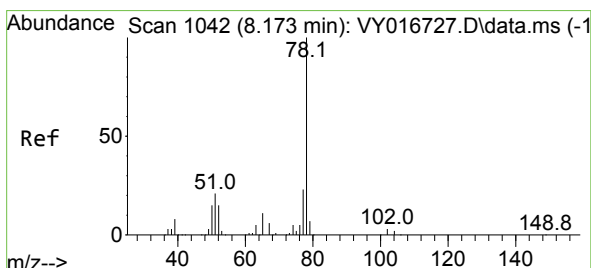
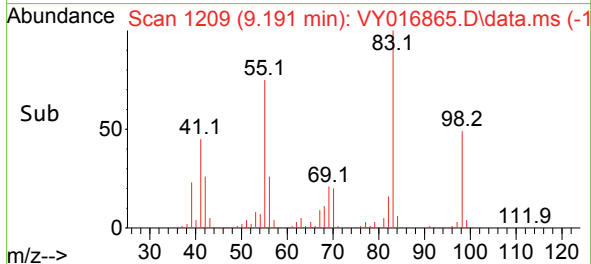
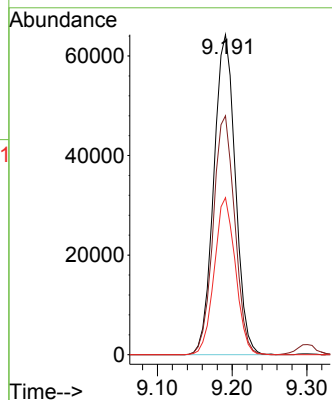
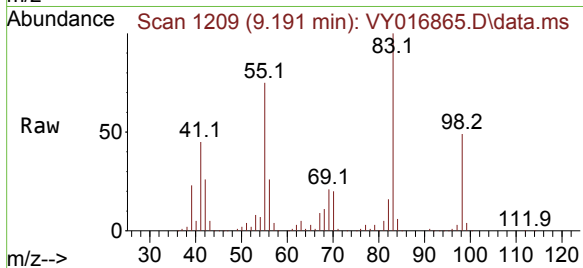
Tgt Ion: 83 Resp: 128723

Ion Ratio Lower Upper

83 100

55 74.7 59.7 89.5

98 49.0 38.0 57.0



#40

Benzene

Concen: 51.253 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016865.D

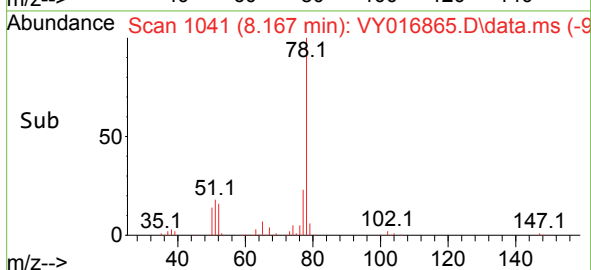
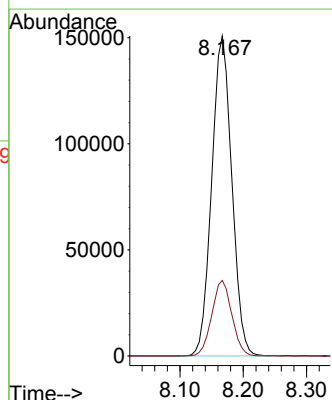
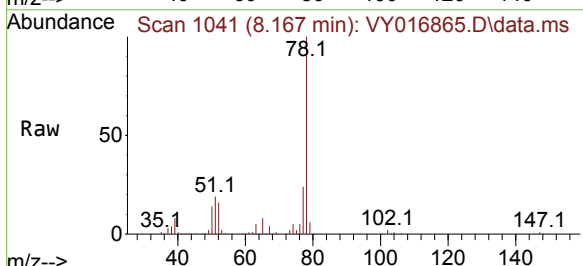
Acq: 27 Dec 2023 09:14

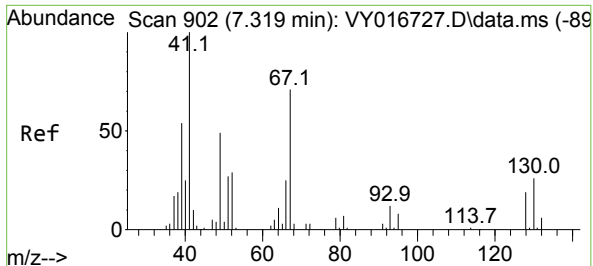
Tgt Ion: 78 Resp: 333254

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2

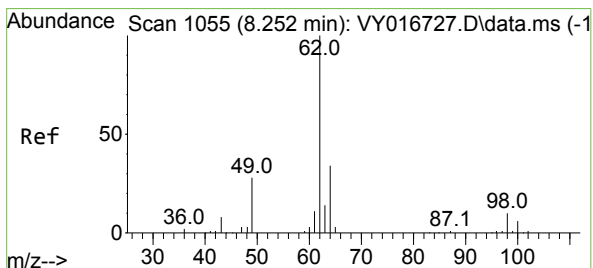
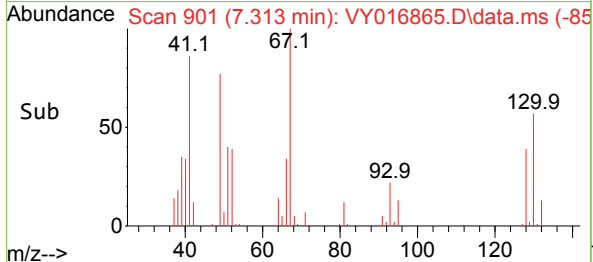
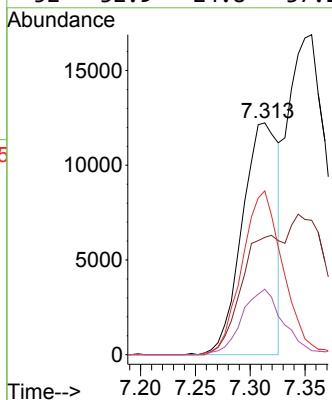
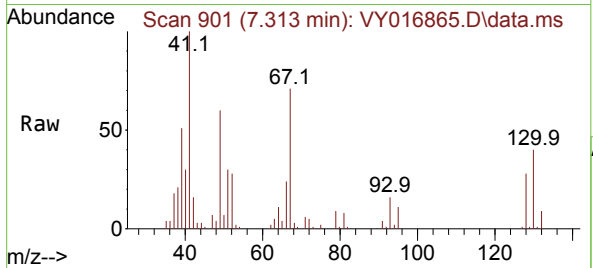




#41
Methacrylonitrile
Concen: 54.951 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

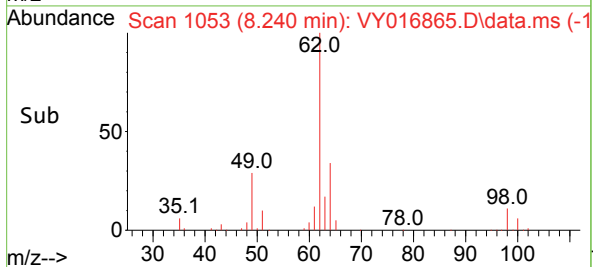
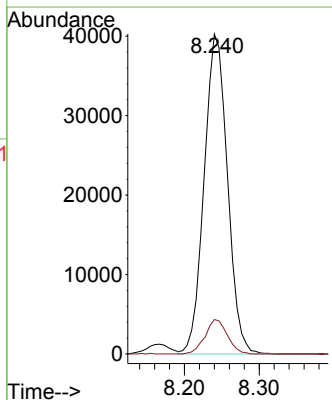
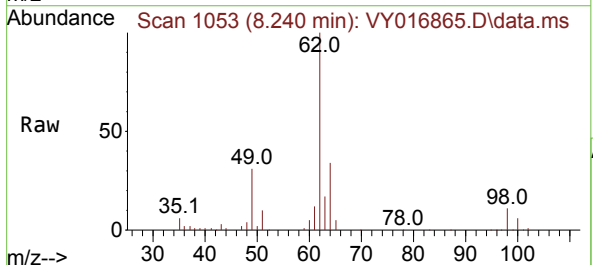
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

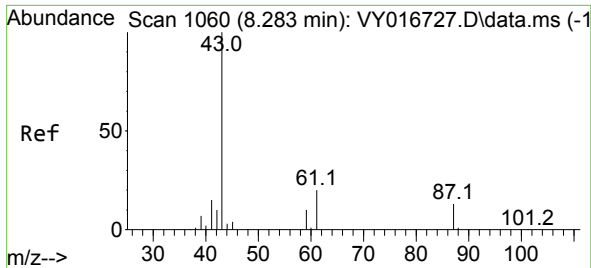
Tgt Ion:	41	Resp:	27942
Ion	Ratio	Lower	Upper
41	100		
39	61.4	41.9	62.9
67	81.0	59.8	89.6
52	32.9	24.8	37.2



#42
1,2-Dichloroethane
Concen: 51.471 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.012 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion:	62	Resp:	87315
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2

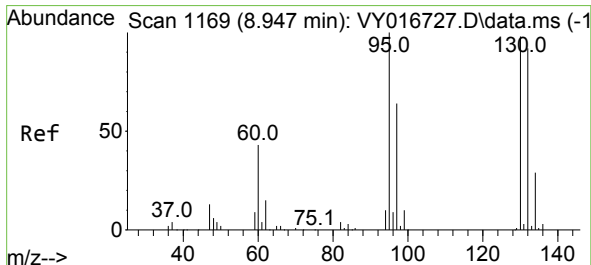
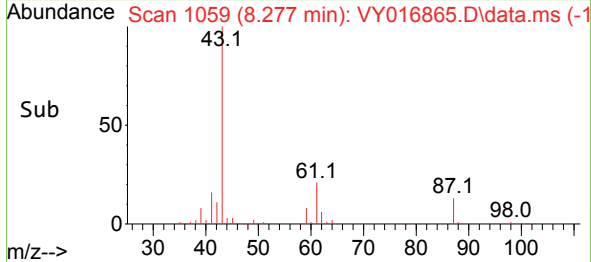
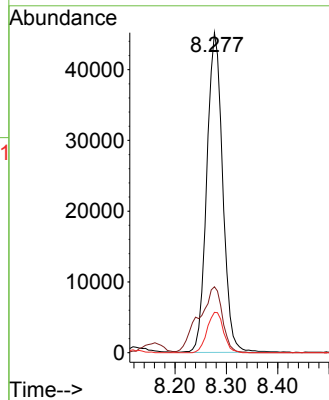
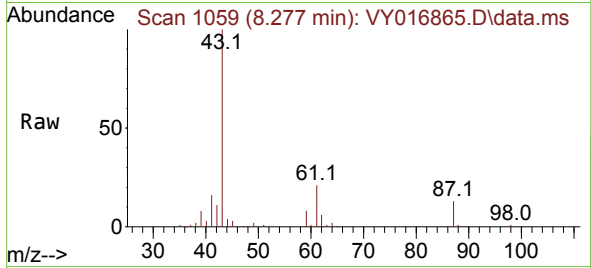




#43
Isopropyl Acetate
Concen: 52.060 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

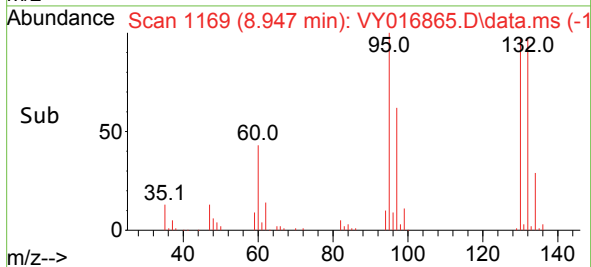
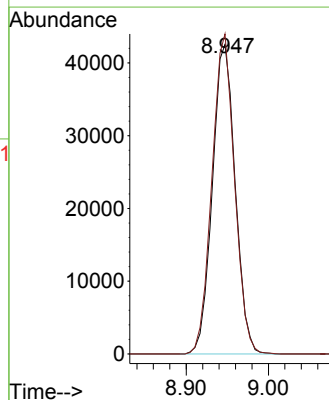
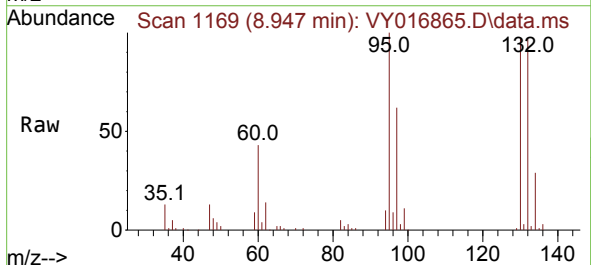
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

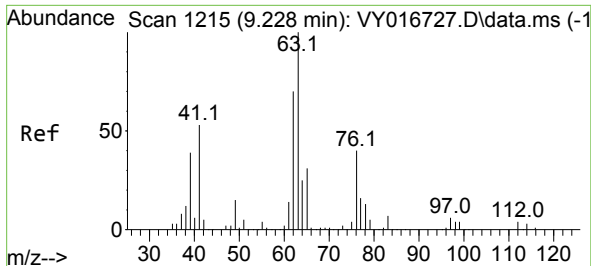
Tgt Ion: 43 Resp: 96837
Ion Ratio Lower Upper
43 100
61 30.4 24.8 37.2
87 13.0 10.7 16.1



#44
Trichloroethene
Concen: 49.387 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion:130 Resp: 81962
Ion Ratio Lower Upper
130 100
95 103.4 0.0 203.8

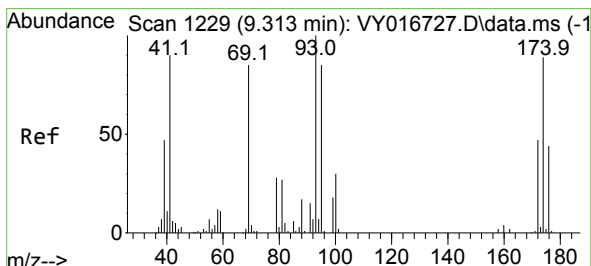
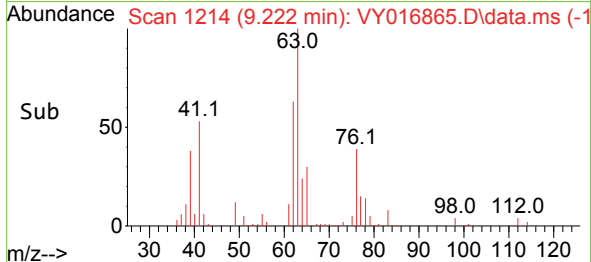
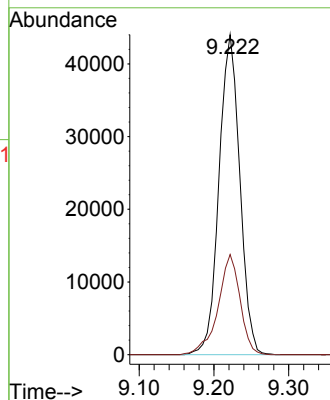
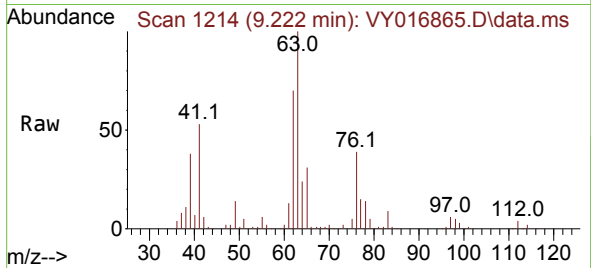




#45
1,2-Dichloropropane
Concen: 52.193 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

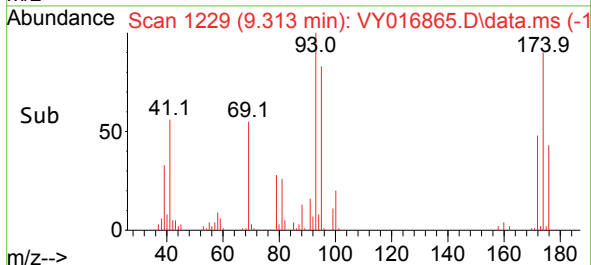
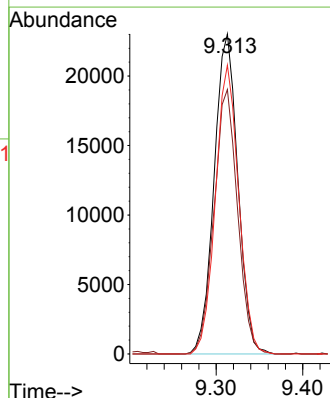
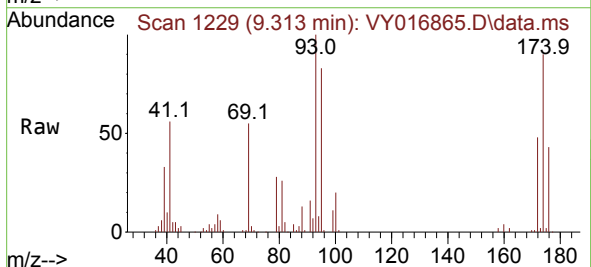
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

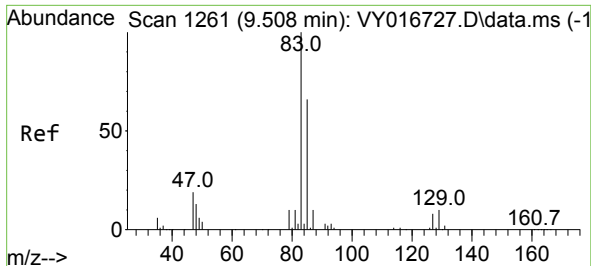
Tgt Ion: 63 Resp: 85130
Ion Ratio Lower Upper
63 100
65 31.3 24.6 36.8



#46
Dibromomethane
Concen: 52.040 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 93 Resp: 43849
Ion Ratio Lower Upper
93 100
95 82.0 66.6 99.8
174 88.5 73.8 110.6

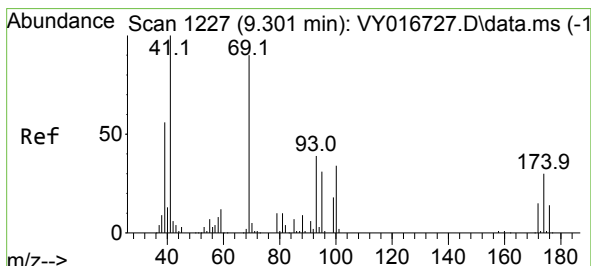
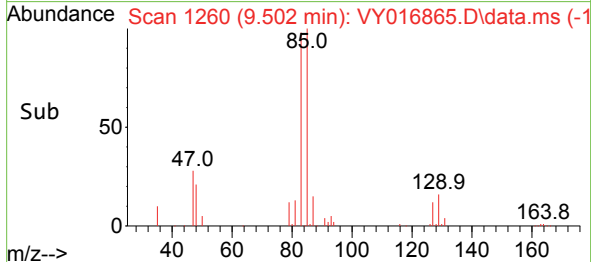
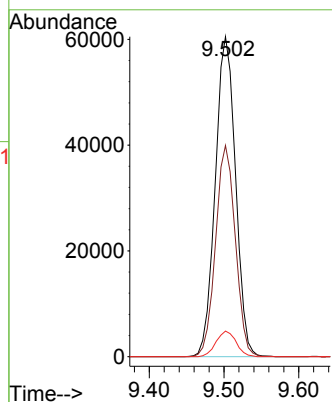
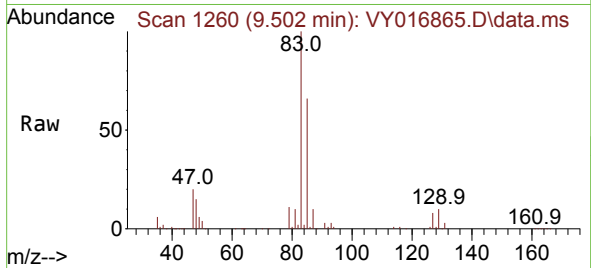




#47
Bromodichloromethane
Concen: 51.290 ug/l
RT: 9.502 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

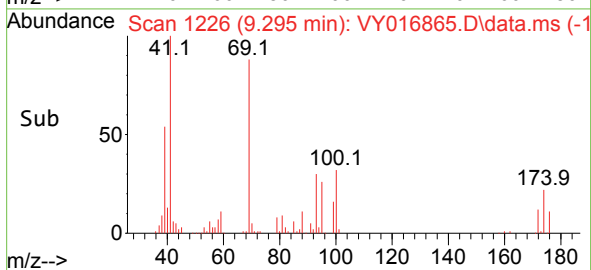
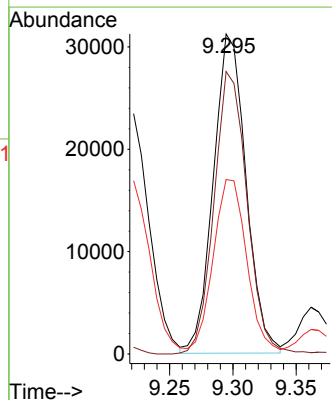
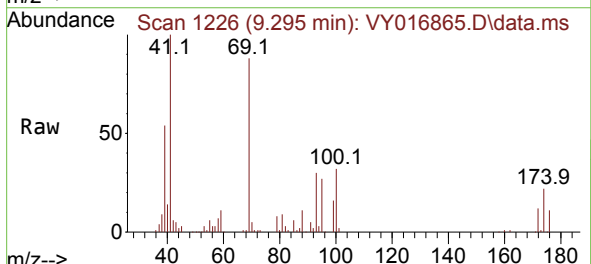
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

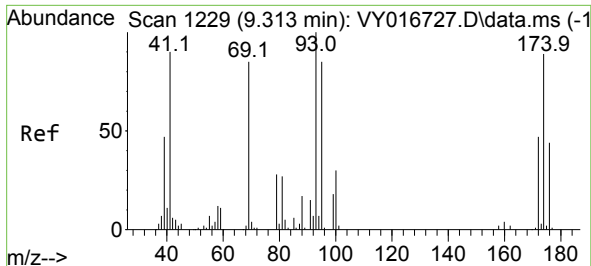
Tgt Ion: 83 Resp: 113908
Ion Ratio Lower Upper
83 100
85 66.0 53.2 79.8
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 54.293 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 41 Resp: 56127
Ion Ratio Lower Upper
41 100
69 89.5 72.1 108.1
39 56.2 42.8 64.2





#49

1,4-Dioxane

Concen: 1188.274 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

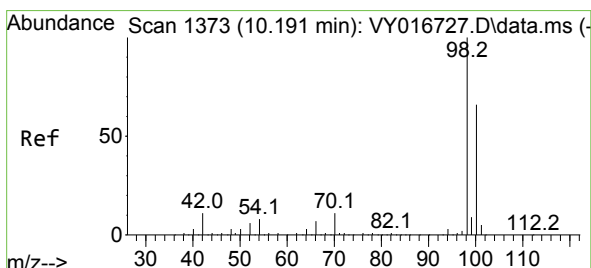
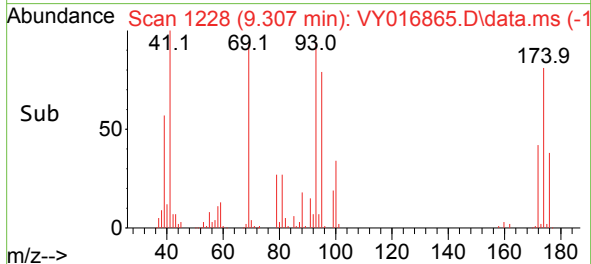
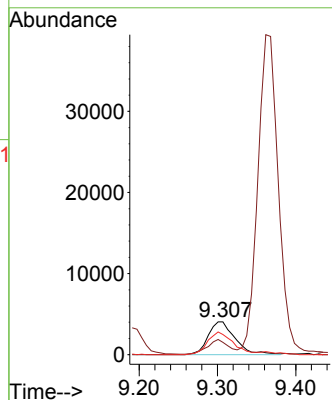
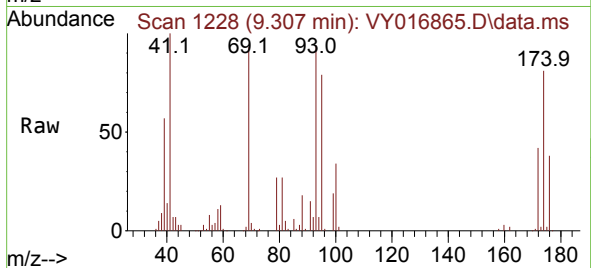
Tgt Ion: 88 Resp: 9718

Ion Ratio Lower Upper

88 100

43 35.4 28.2 42.4

58 65.5 52.2 78.2



#50

Toluene-d8

Concen: 53.491 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016865.D

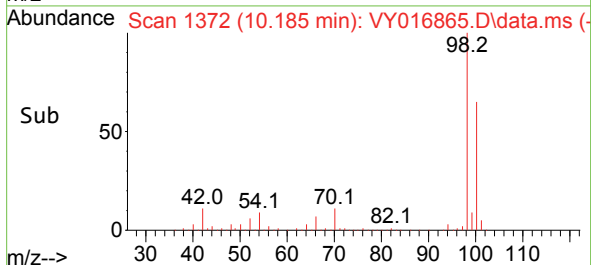
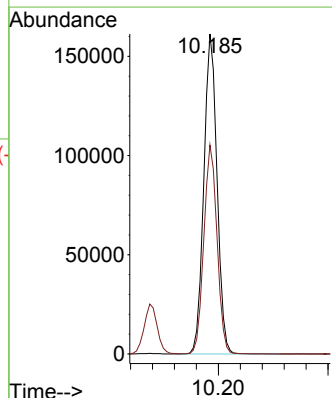
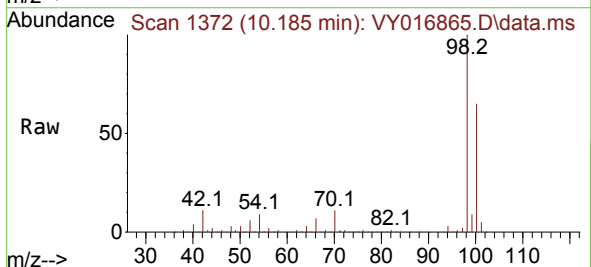
Acq: 27 Dec 2023 09:14

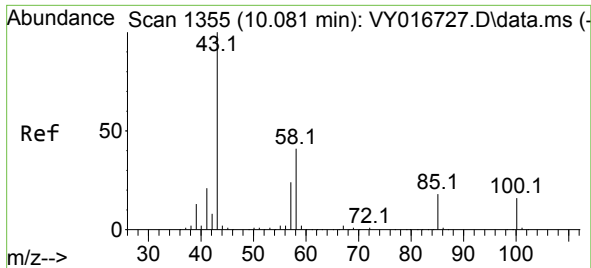
Tgt Ion: 98 Resp: 268754

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 275.368 ug/l

RT: 10.075 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

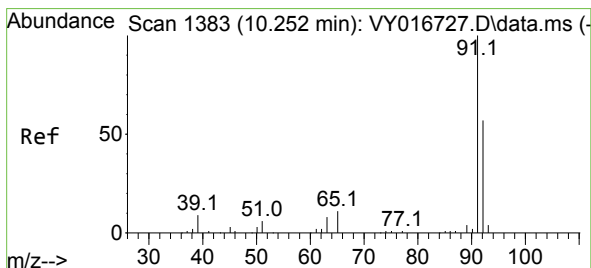
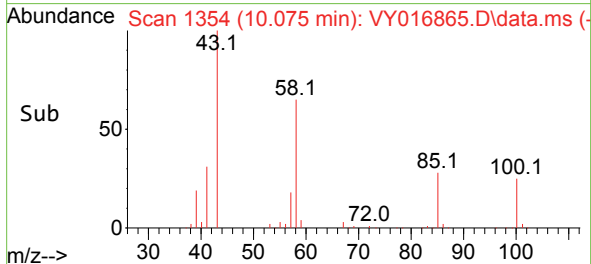
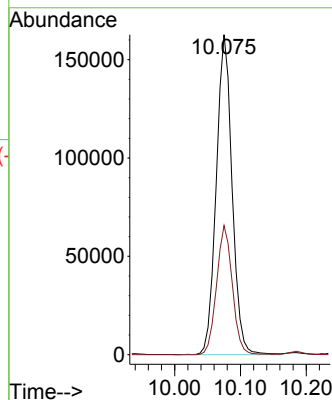
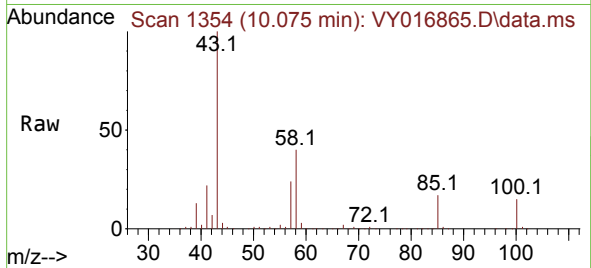
VSTDCCC050

Tgt Ion: 43 Resp: 272912

Ion Ratio Lower Upper

43 100

58 40.1 32.2 48.2



#52

Toluene

Concen: 51.620 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VY016865.D

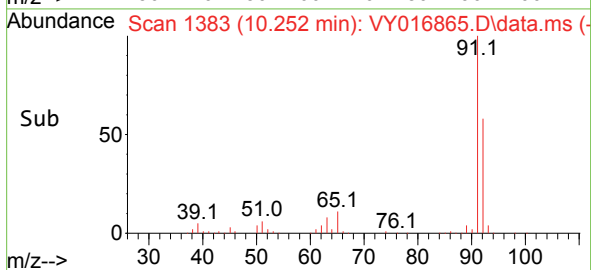
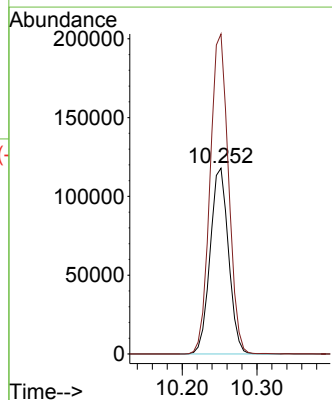
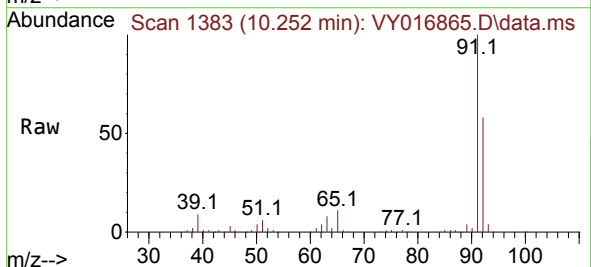
Acq: 27 Dec 2023 09:14

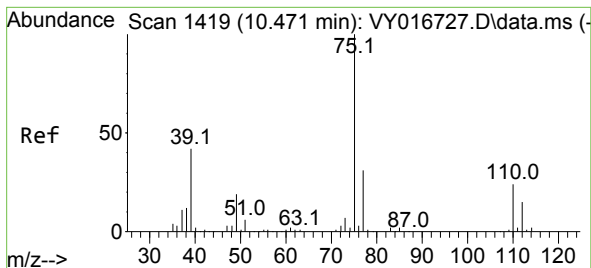
Tgt Ion: 92 Resp: 201140

Ion Ratio Lower Upper

92 100

91 173.0 137.6 206.4

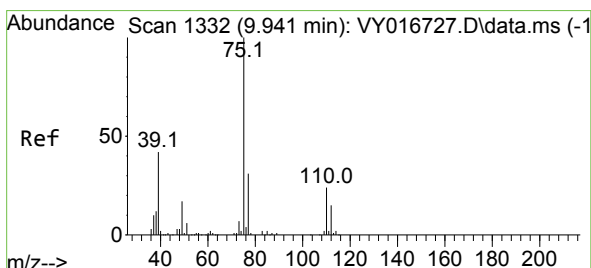
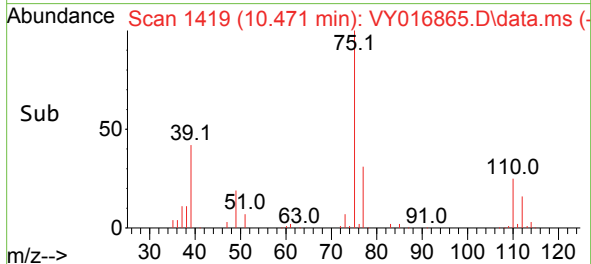
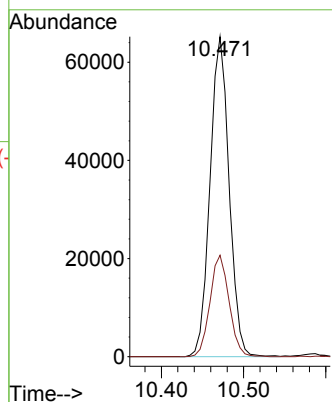
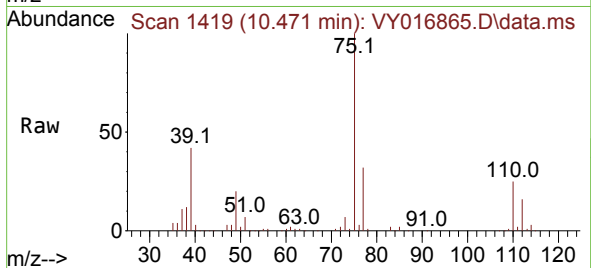




#53
t-1,3-Dichloropropene
Concen: 51.969 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

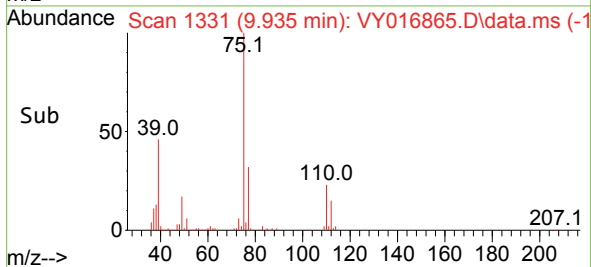
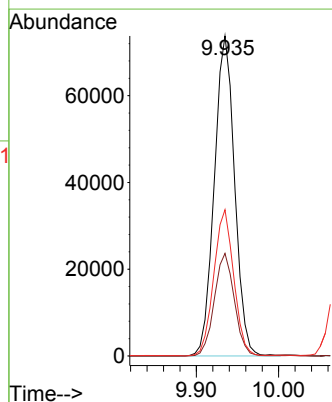
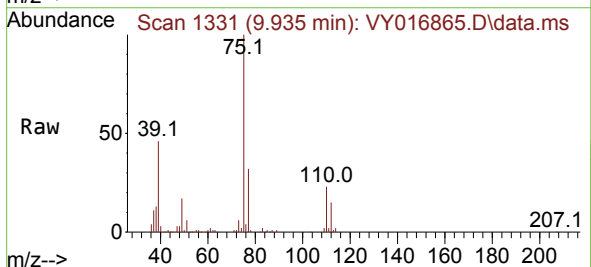
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

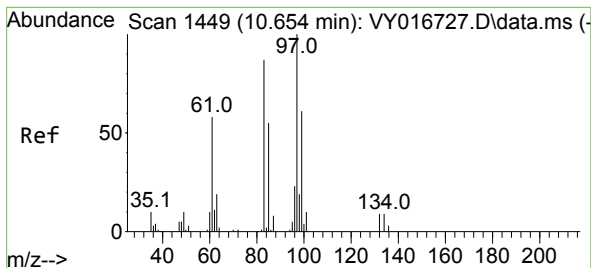
Tgt Ion: 75 Resp: 105240
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 51.943 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 75 Resp: 126878
Ion Ratio Lower Upper
75 100
77 32.1 24.6 36.8
39 45.6 33.6 50.4

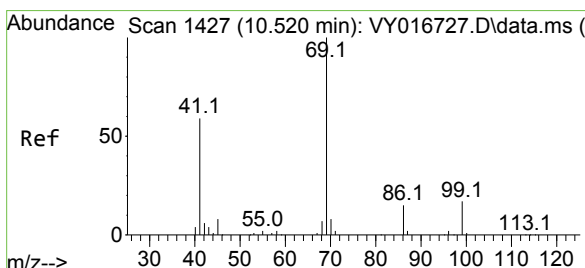
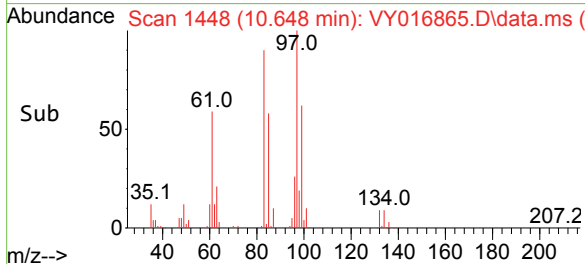
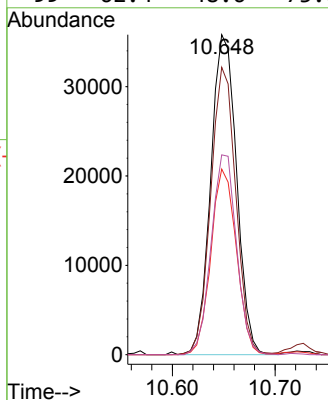
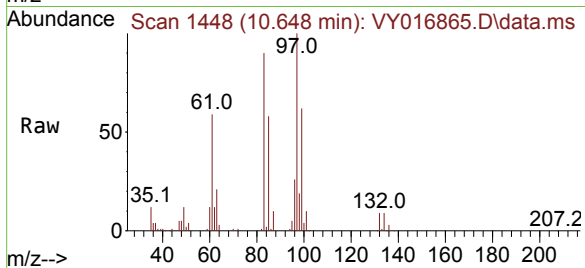




#55
1,1,2-Trichloroethane
Concen: 52.047 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

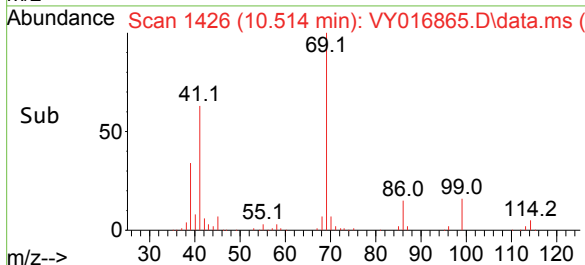
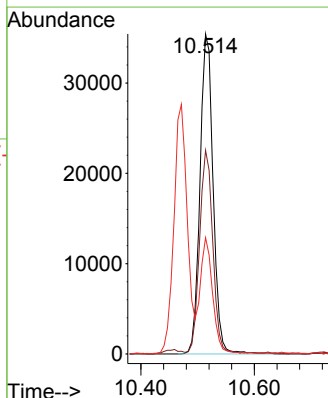
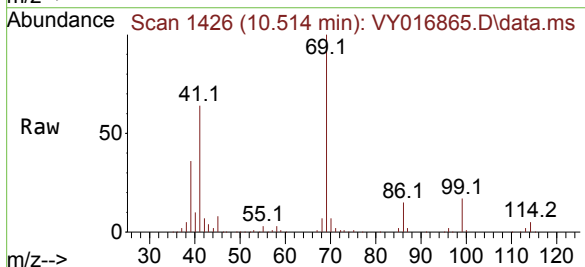
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

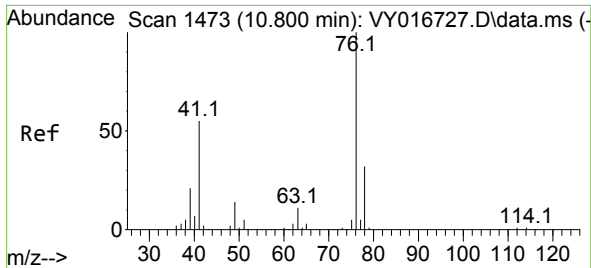
Tgt Ion:	97	Resp:	62571
Ion	Ratio	Lower	Upper
97	100		
83	89.7	69.4	104.2
85	58.0	43.9	65.9
99	62.4	48.6	73.0



#56
Ethyl methacrylate
Concen: 53.887 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion:	69	Resp:	56966
Ion	Ratio	Lower	Upper
69	100		
41	63.2	49.2	73.8
39	33.6	26.8	40.2

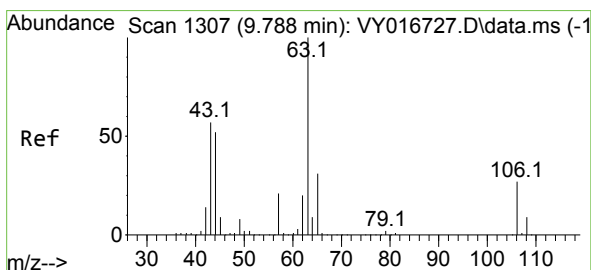
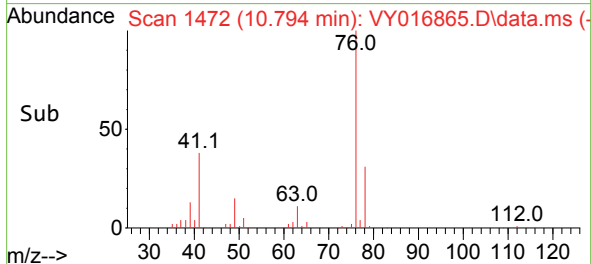
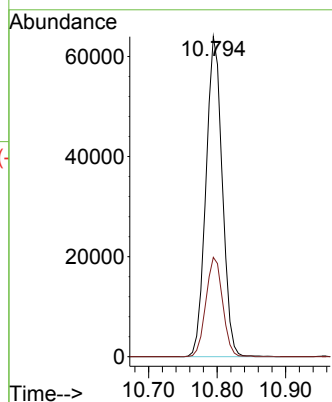
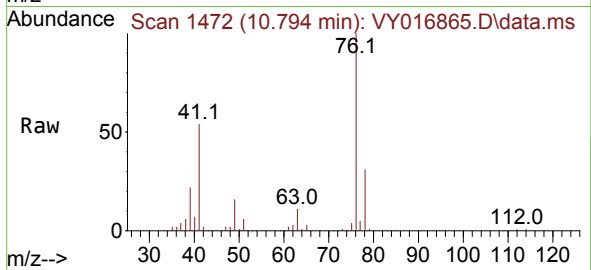




#57
1,3-Dichloropropane
Concen: 51.977 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

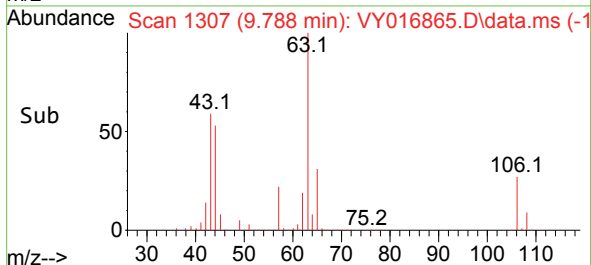
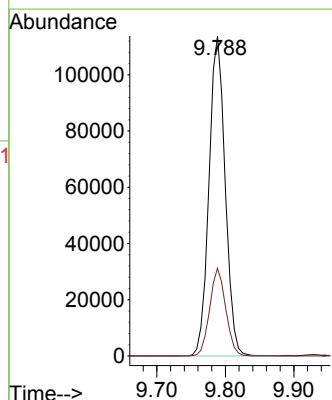
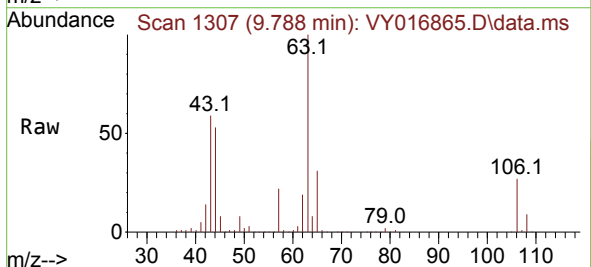
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

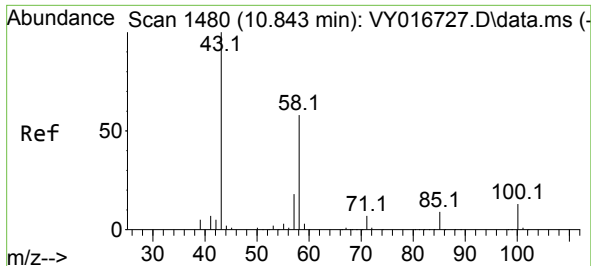
Tgt Ion: 76 Resp: 106135
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 328.161 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 63 Resp: 186622
Ion Ratio Lower Upper
63 100
106 27.1 22.4 33.6

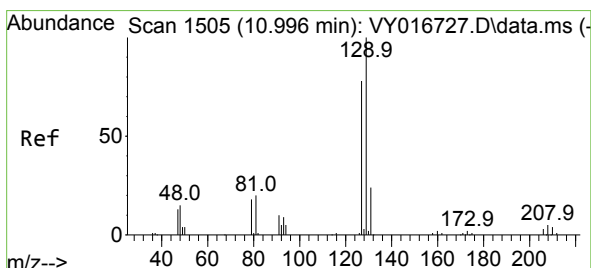
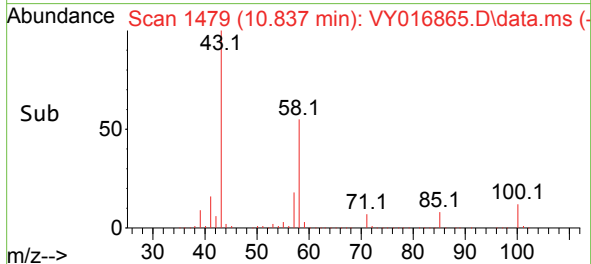
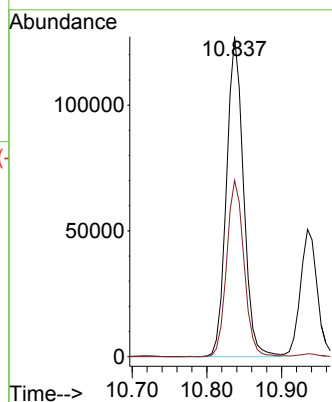
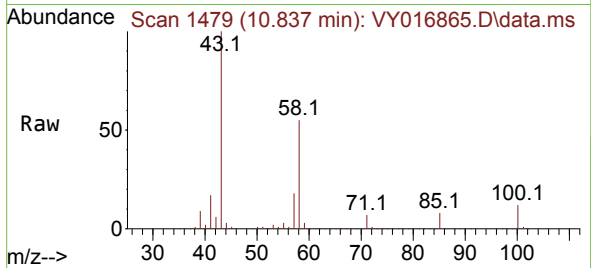




#59
2-Hexanone
Concen: 272.386 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

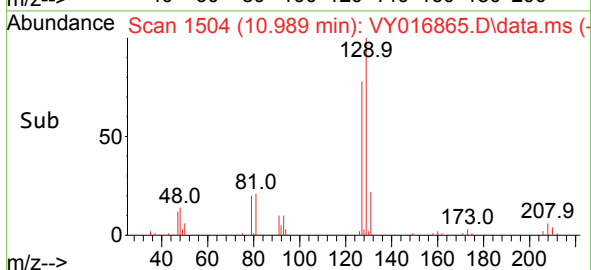
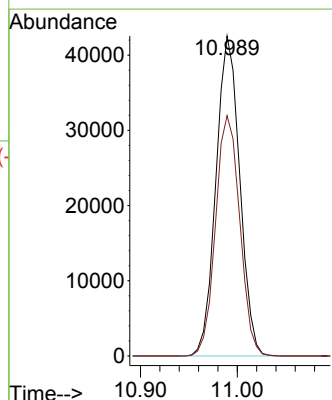
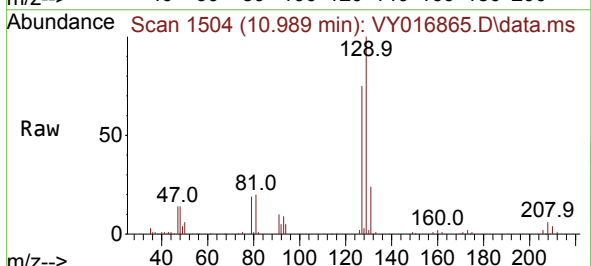
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

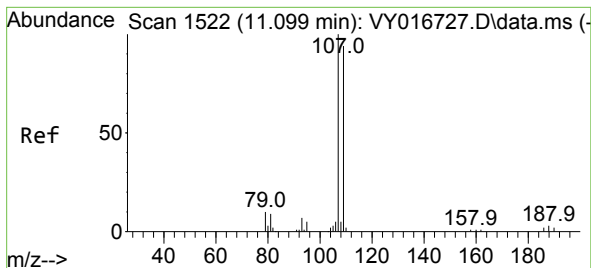
Tgt Ion: 43 Resp: 201295
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.3



#60
Dibromochloromethane
Concen: 52.108 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 129 Resp: 72467
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6

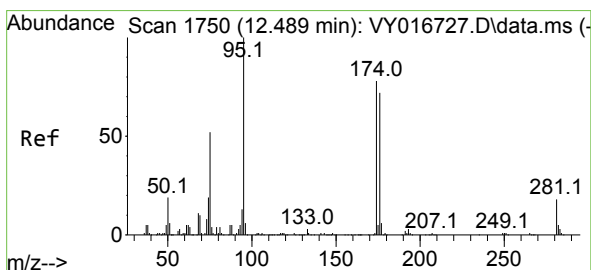
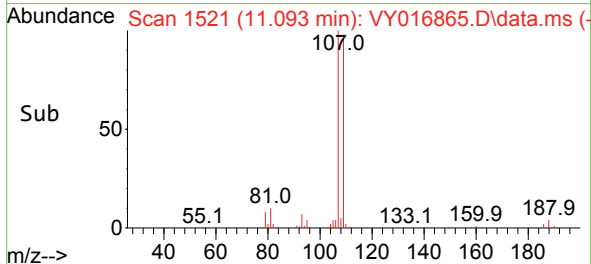
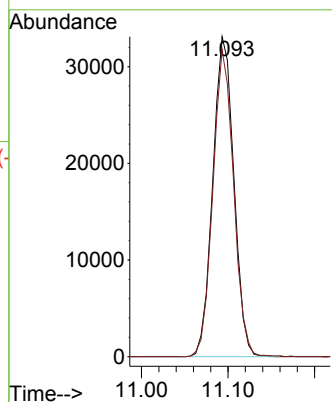
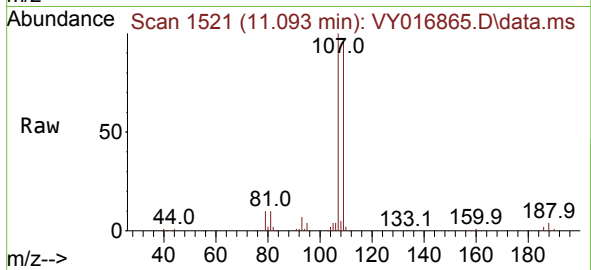




#61
1,2-Dibromoethane
Concen: 51.841 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

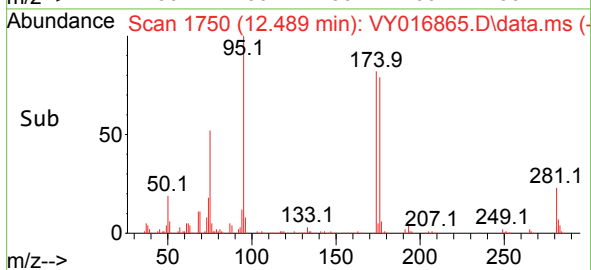
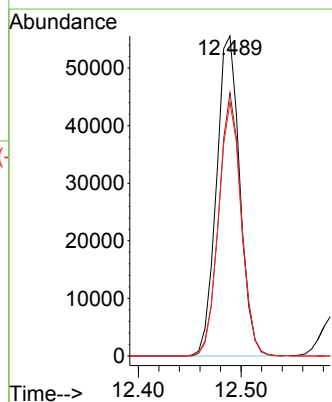
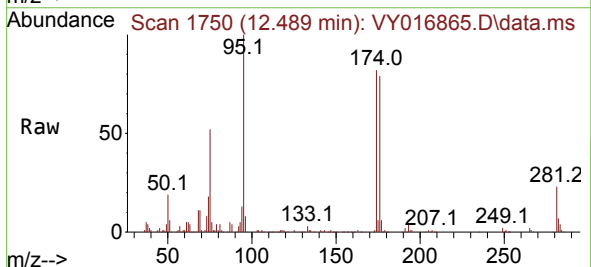
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

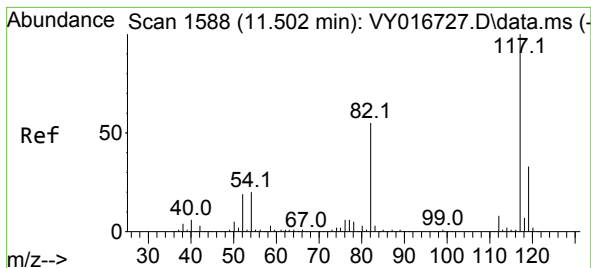
Tgt Ion:107 Resp: 55891
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.558 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 95 Resp: 87302
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.0
176 77.4 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

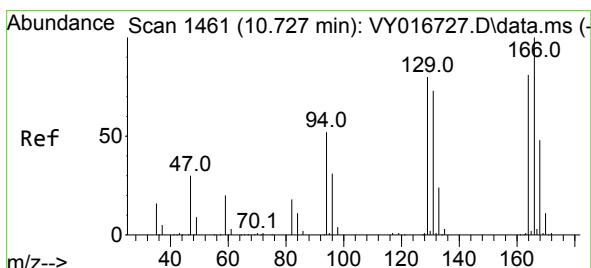
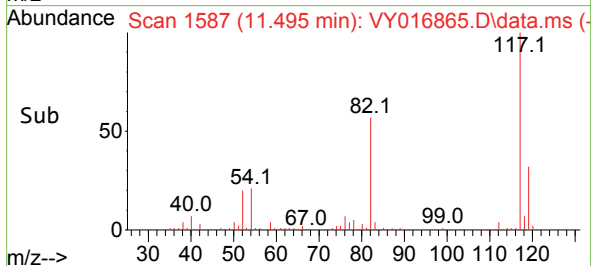
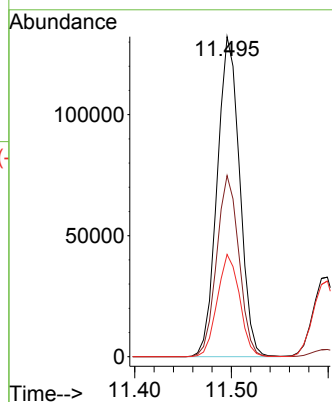
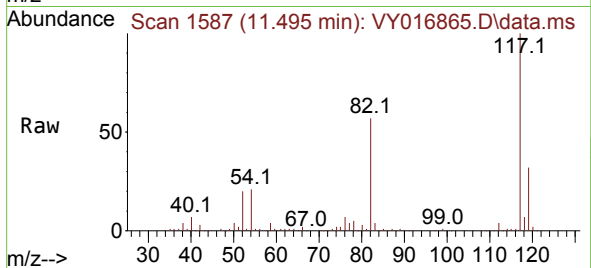
Tgt Ion:117 Resp: 213303

Ion Ratio Lower Upper

117 100

82 56.6 43.8 65.8

119 32.0 26.5 39.7



#64

Tetrachloroethene

Concen: 48.019 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Tgt Ion:164 Resp: 63626

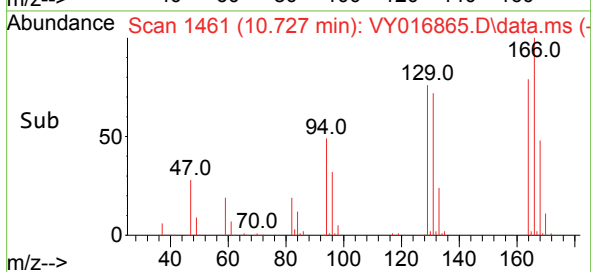
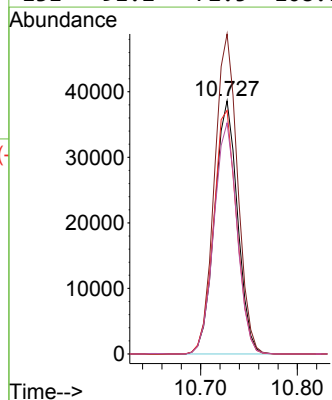
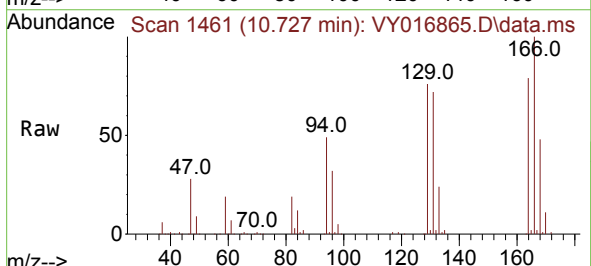
Ion Ratio Lower Upper

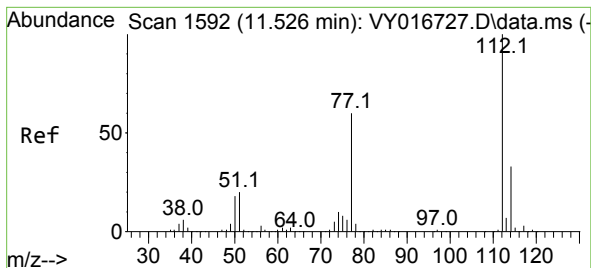
164 100

166 126.4 98.8 148.2

129 96.2 78.9 118.3

131 91.2 72.5 108.7

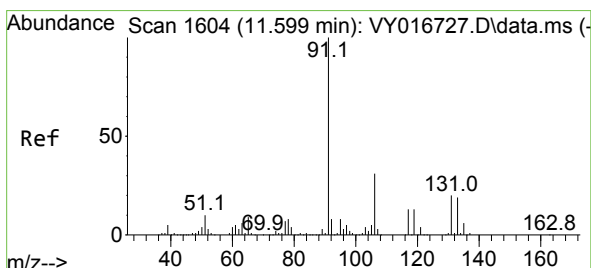
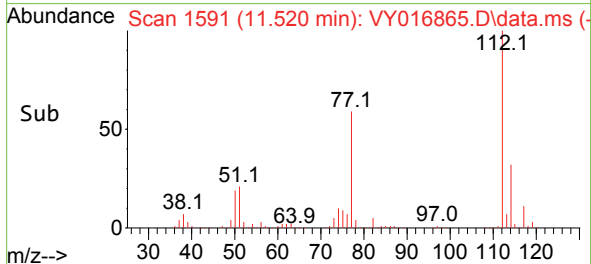
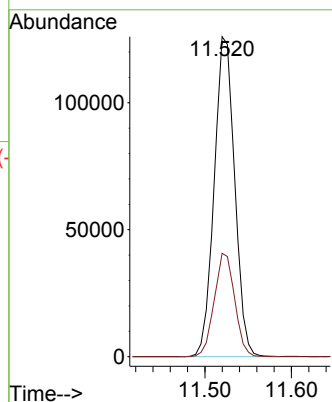
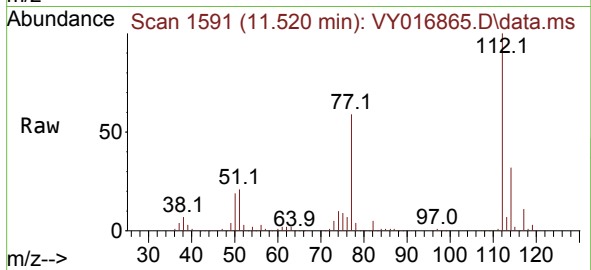




#65
Chlorobenzene
Concen: 49.416 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

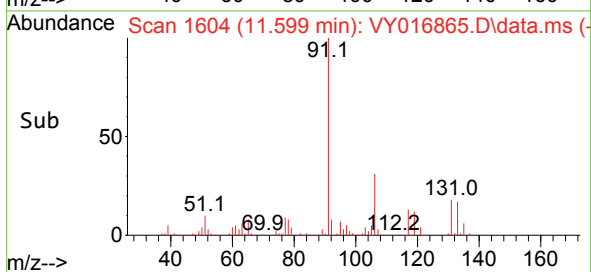
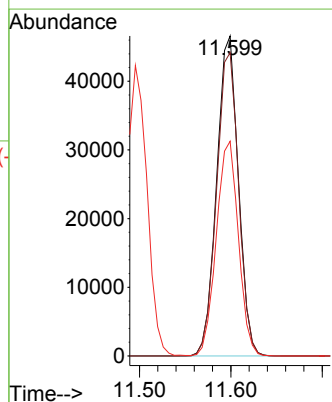
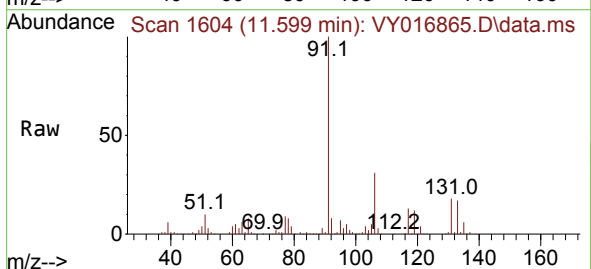
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

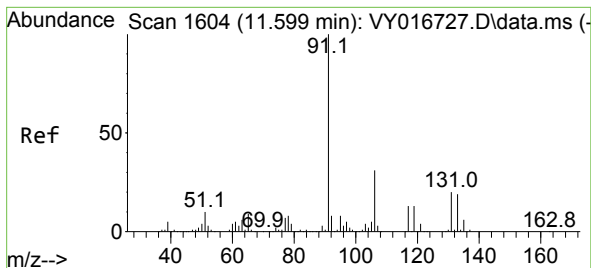
Tgt Ion:112 Resp: 207096
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 48.739 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion:131 Resp: 76852
Ion Ratio Lower Upper
131 100
133 96.3 47.0 141.0
119 68.5 33.3 99.9





#67

Ethyl Benzene

Concen: 50.194 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

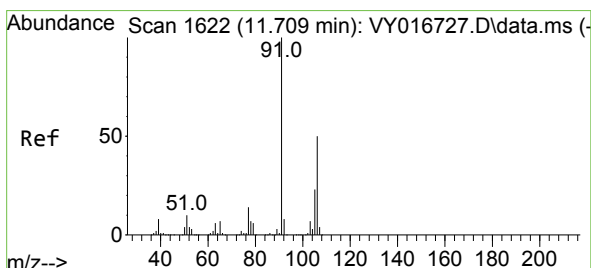
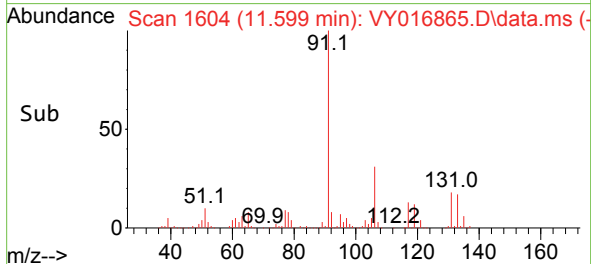
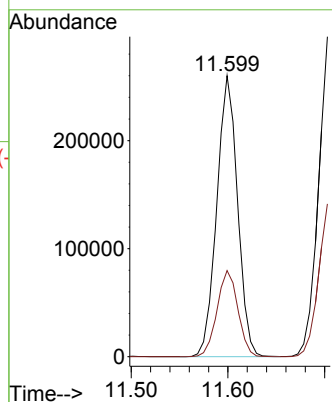
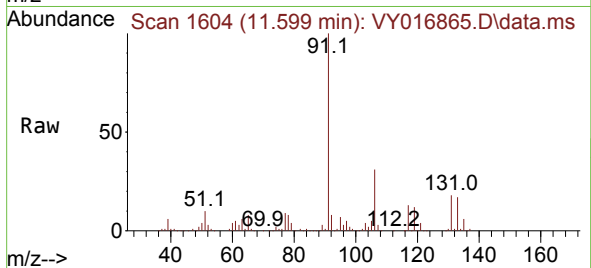
VSTDCCC050

Tgt Ion: 91 Resp: 387179

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.4



#68

m/p-Xylenes

Concen: 101.571 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016865.D

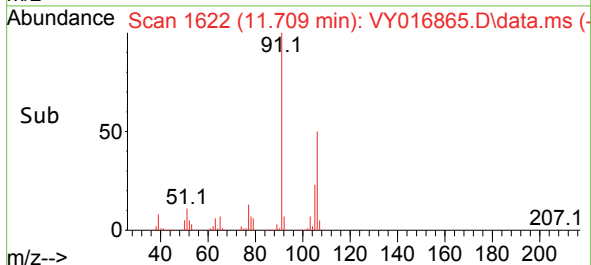
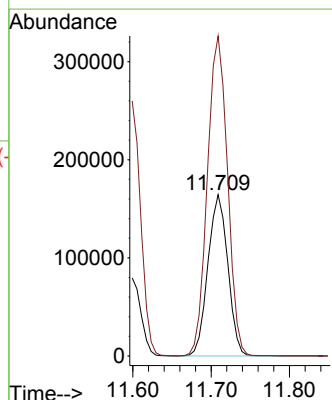
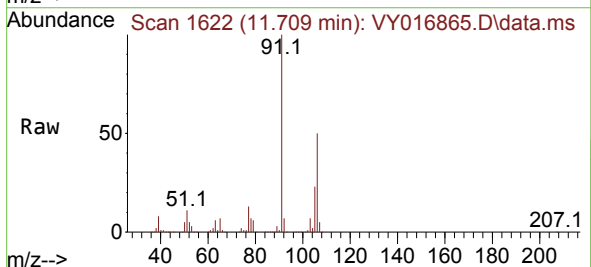
Acq: 27 Dec 2023 09:14

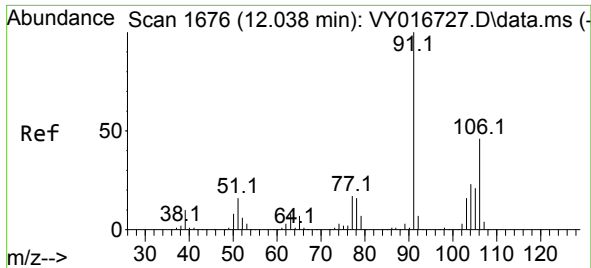
Tgt Ion:106 Resp: 289316

Ion Ratio Lower Upper

106 100

91 201.2 160.7 241.1

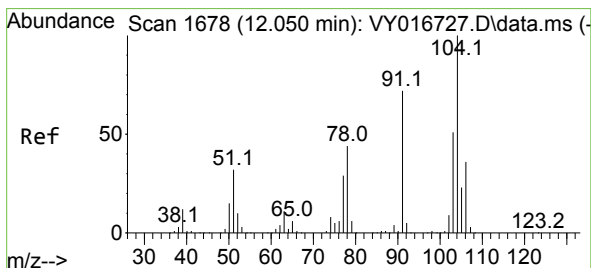
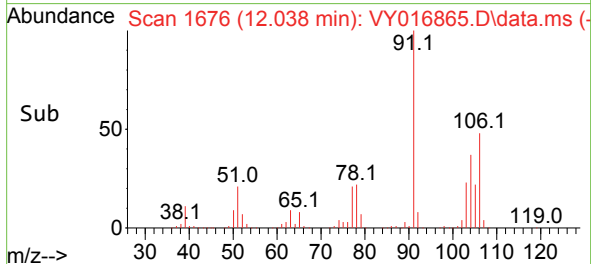
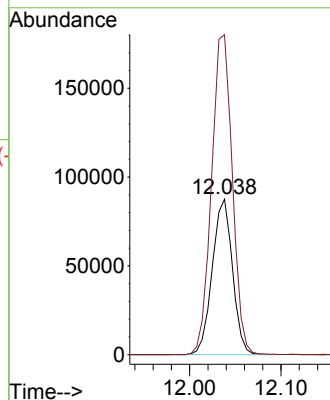
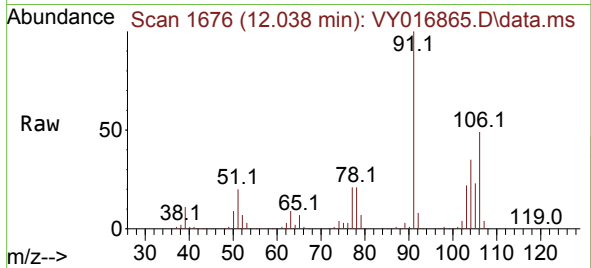




#69
o-Xylene
Concen: 51.400 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

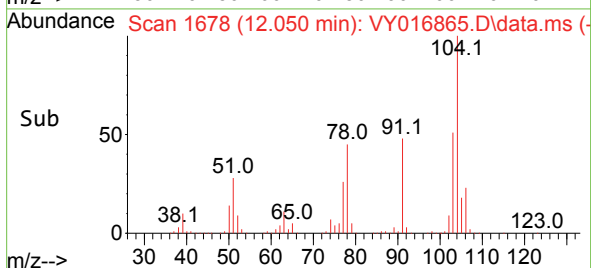
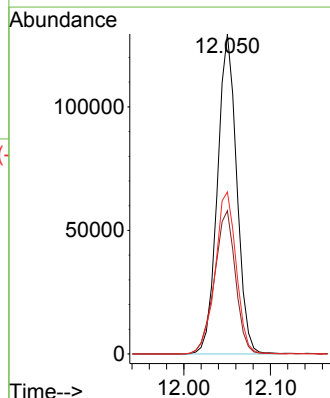
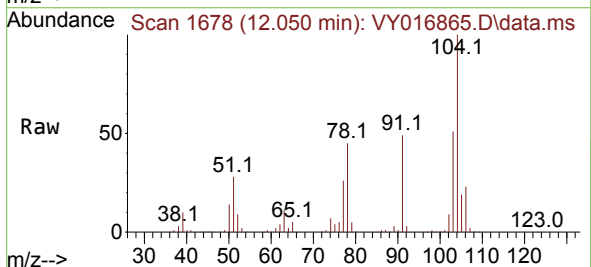
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

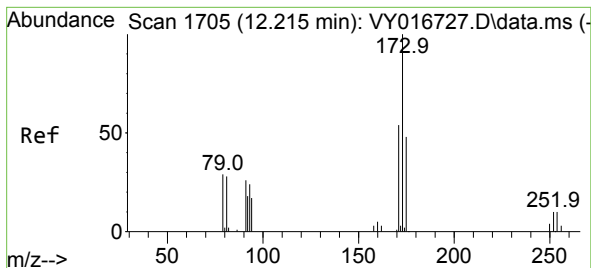
Tgt Ion:106 Resp: 134317
Ion Ratio Lower Upper
106 100
91 212.2 106.5 319.5



#70
Styrene
Concen: 51.791 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion:104 Resp: 200264
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 55.3 43.8 65.6





#71

Bromoform

Concen: 49.250 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

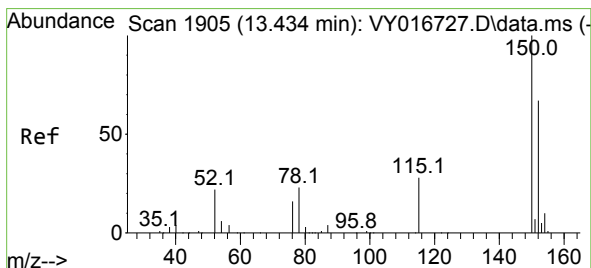
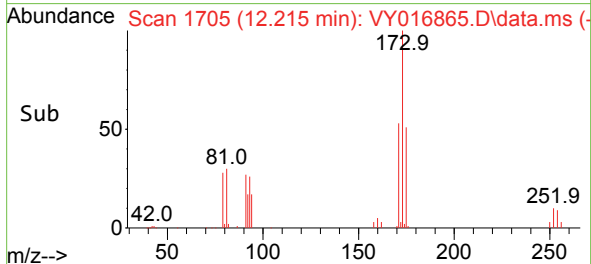
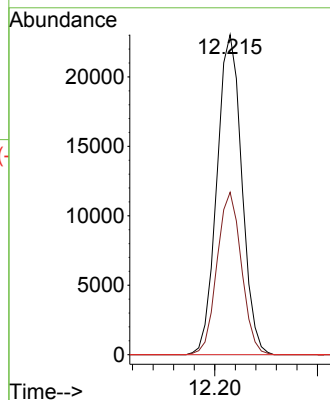
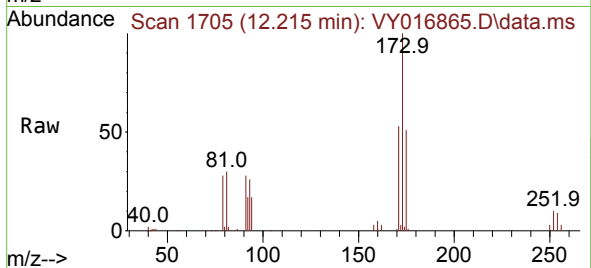
Tgt Ion:173 Resp: 38716

Ion Ratio Lower Upper

173 100

175 49.8 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

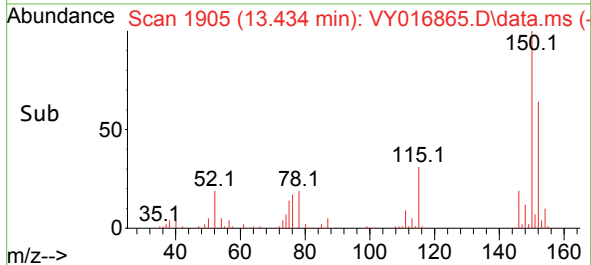
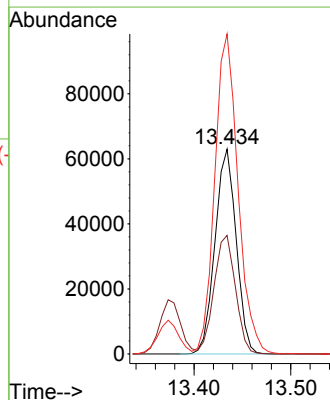
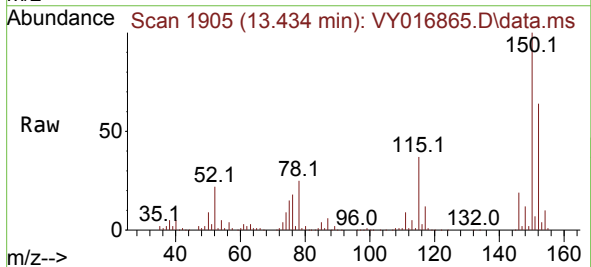
Tgt Ion:152 Resp: 95780

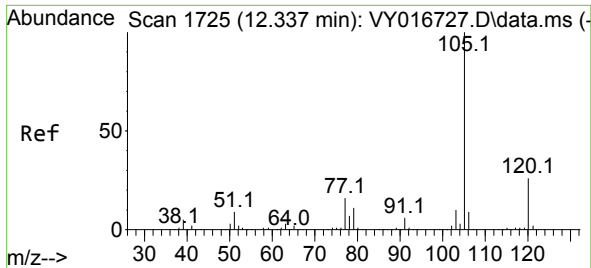
Ion Ratio Lower Upper

152 100

115 58.6 30.0 90.0

150 171.3 0.0 344.6

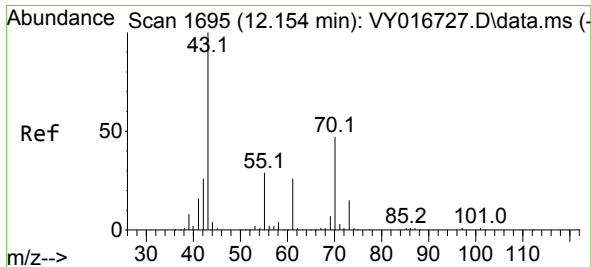
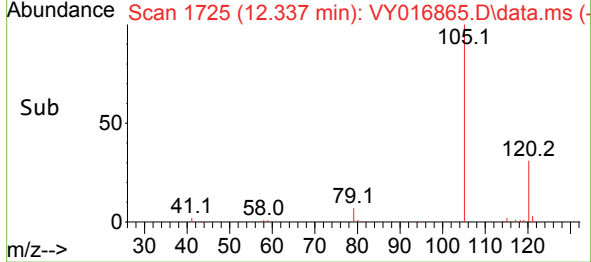
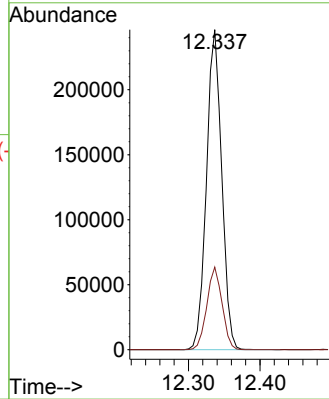
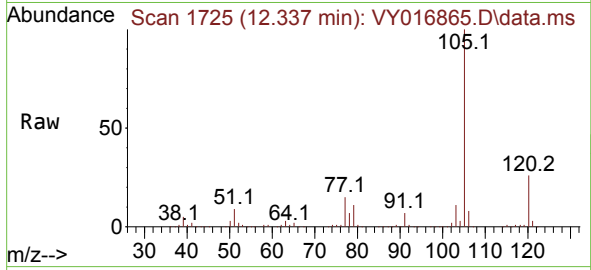




#73
Isopropylbenzene
Concen: 48.780 ug/l
RT: 12.337 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

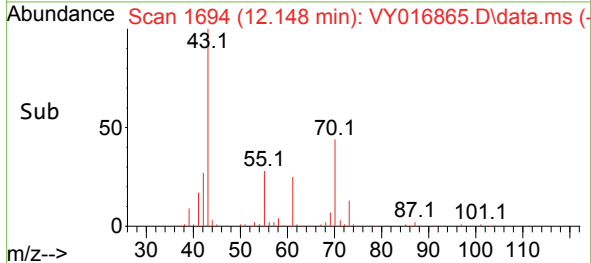
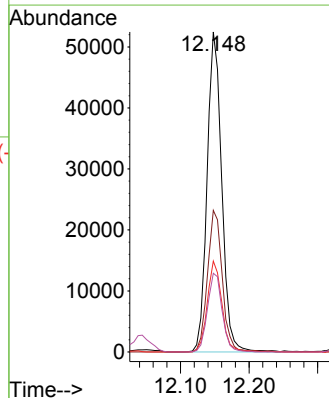
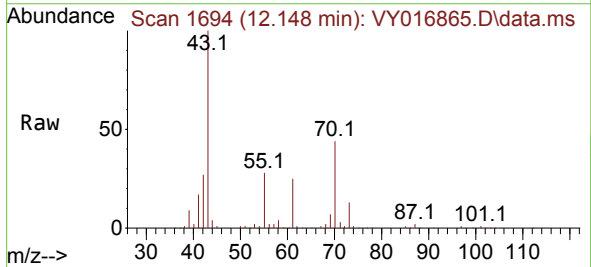
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

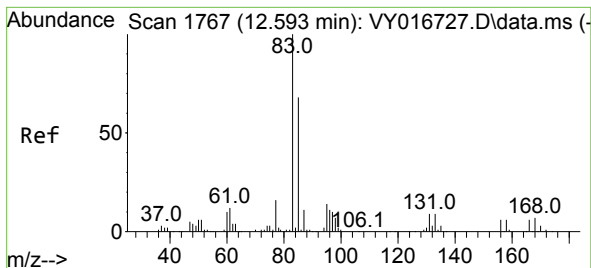
Tgt Ion:105 Resp: 363876
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0



#74
N-ethyl acetate
Concen: 49.909 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 43 Resp: 78132
Ion Ratio Lower Upper
43 100
70 44.7 36.6 55.0
55 28.4 22.2 33.4
61 24.6 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 49.319 ug/l

RT: 12.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

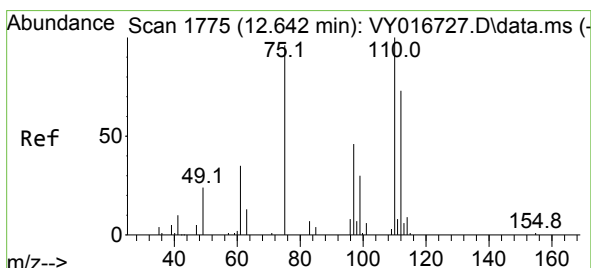
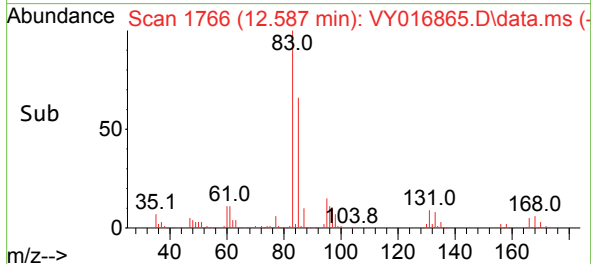
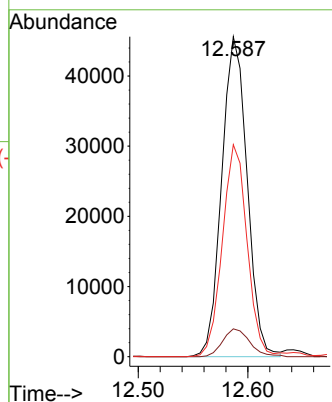
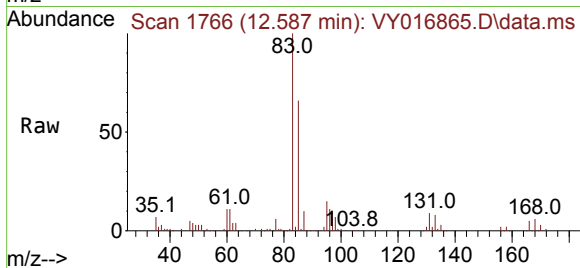
Tgt Ion: 83 Resp: 73517

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

85 64.7 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 83.398 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016865.D

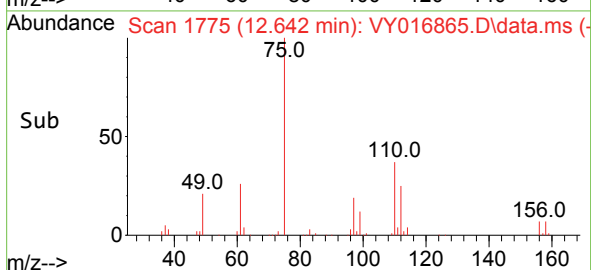
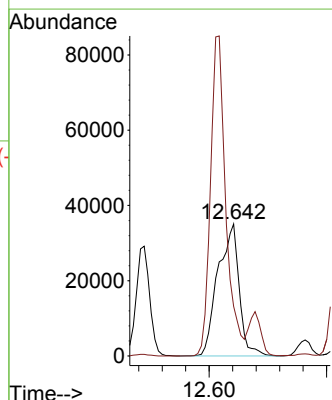
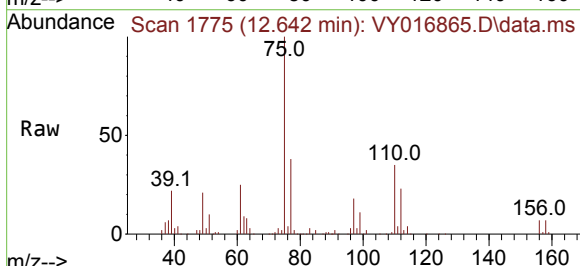
Acq: 27 Dec 2023 09:14

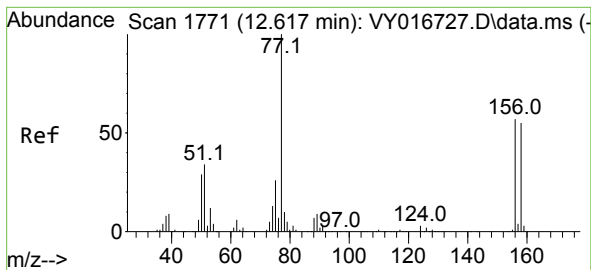
Tgt Ion: 75 Resp: 88302

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.638 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

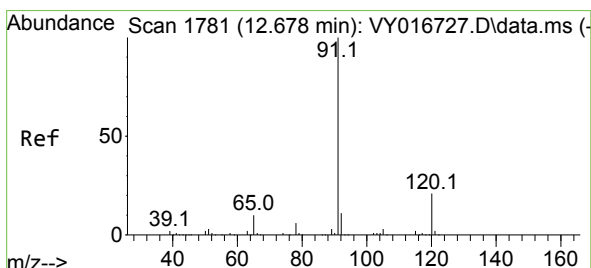
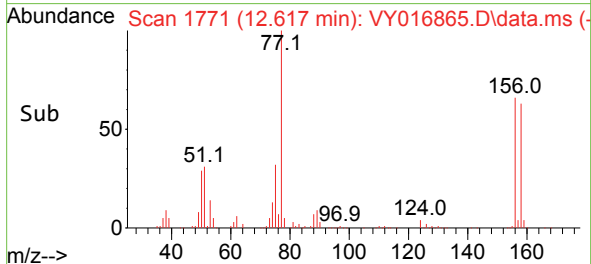
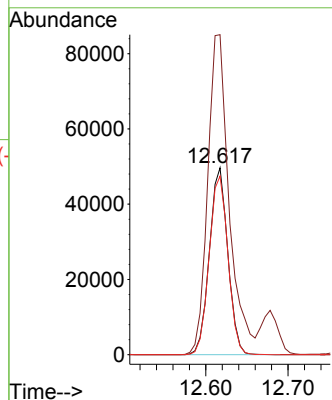
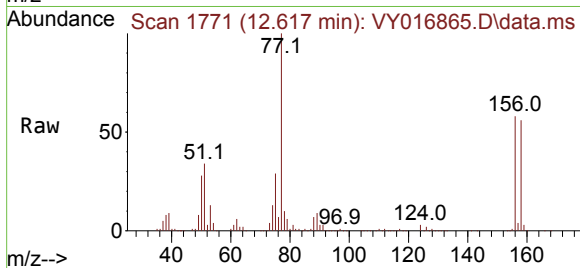
Tgt Ion:156 Resp: 77523

Ion Ratio Lower Upper

156 100

77 199.2 97.3 291.8

158 97.4 48.4 145.0



#78

n-propylbenzene

Concen: 49.337 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016865.D

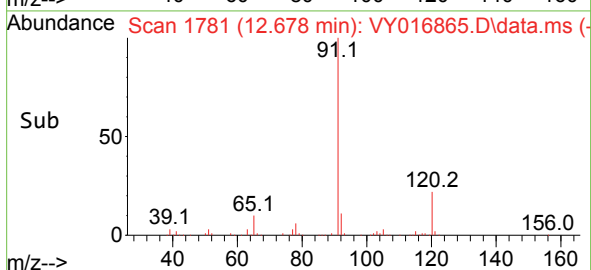
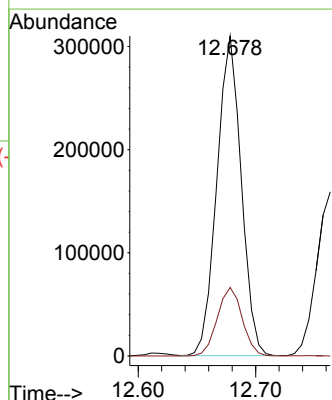
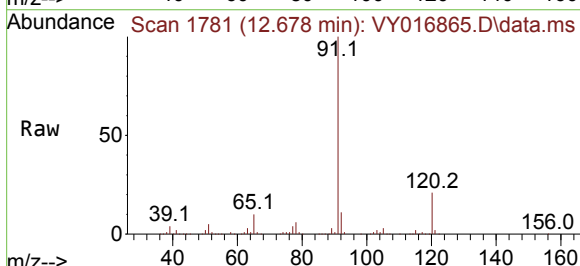
Acq: 27 Dec 2023 09:14

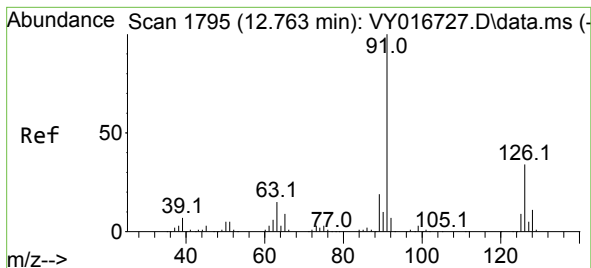
Tgt Ion: 91 Resp: 445902

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0

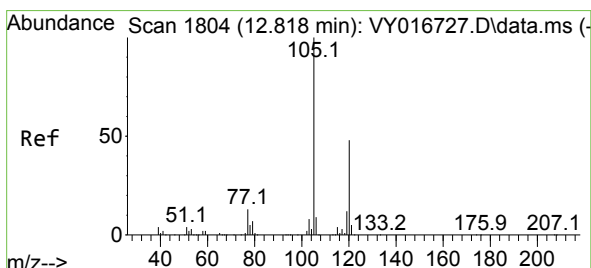
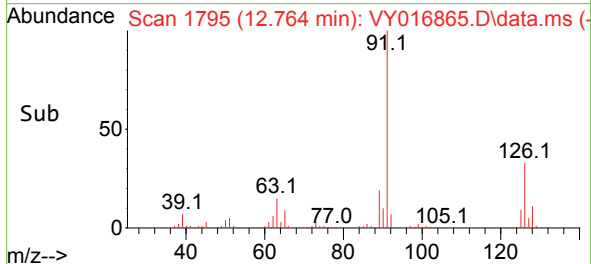
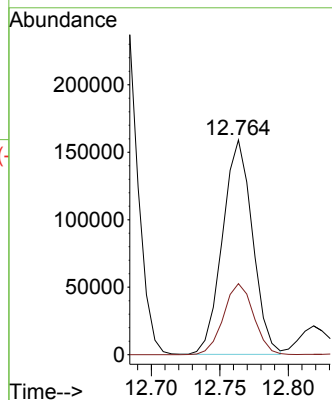
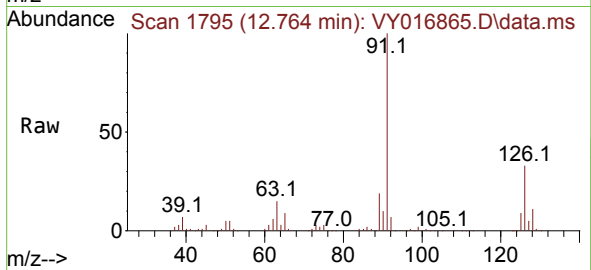




#79
2-Chlorotoluene
Concen: 48.460 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

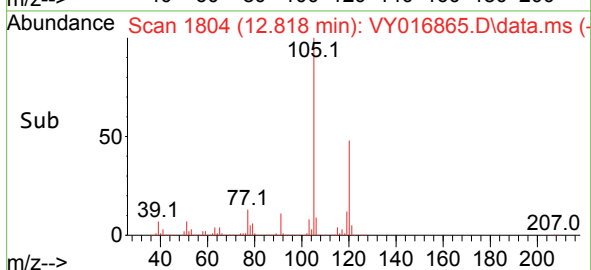
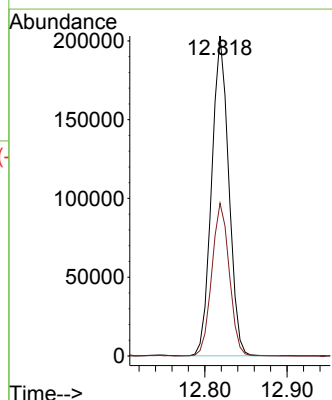
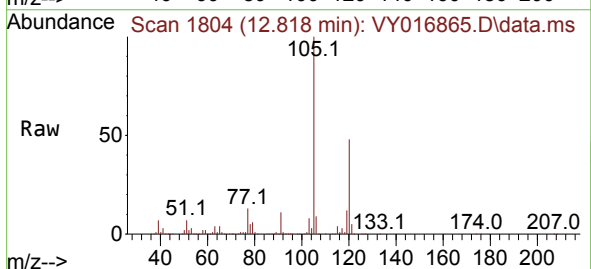
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

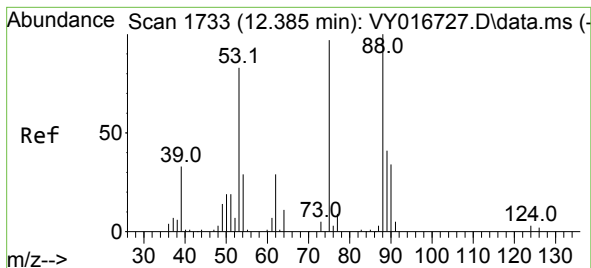
Tgt Ion: 91 Resp: 242347
Ion Ratio Lower Upper
91 100
126 33.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 49.837 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 105 Resp: 294280
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

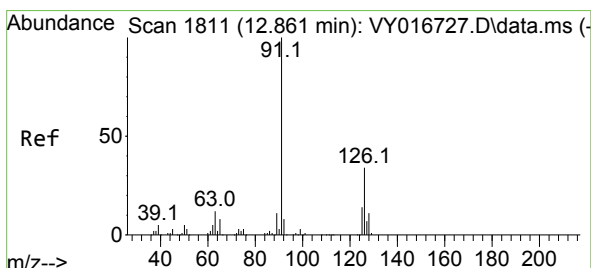
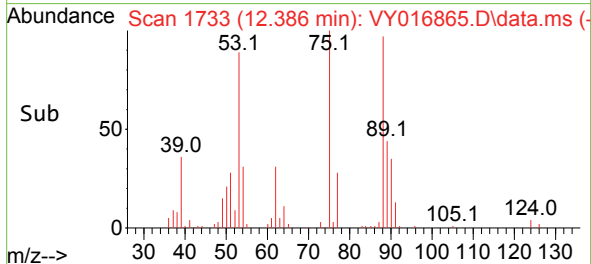
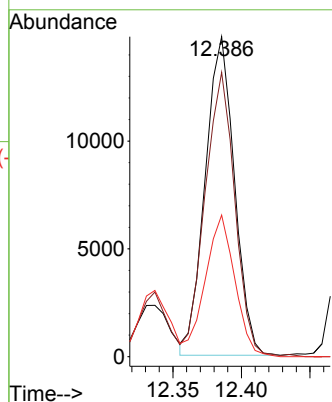
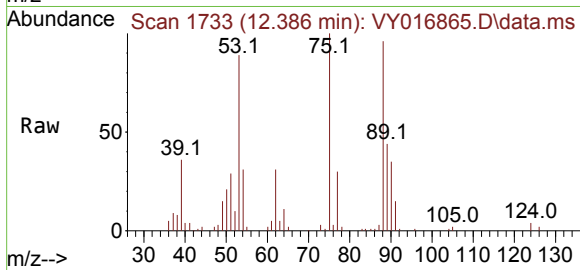




#81
trans-1,4-Dichloro-2-butene
Concen: 48.597 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

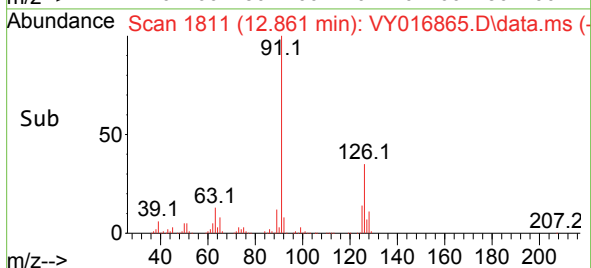
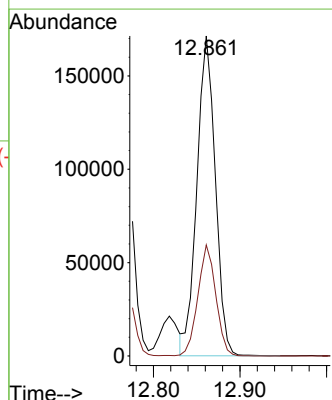
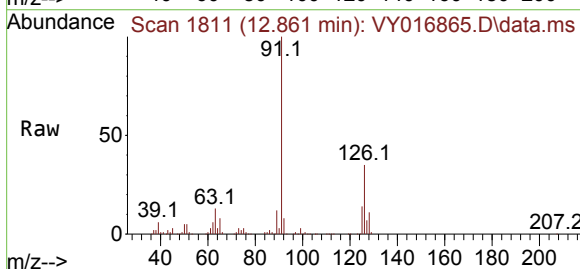
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

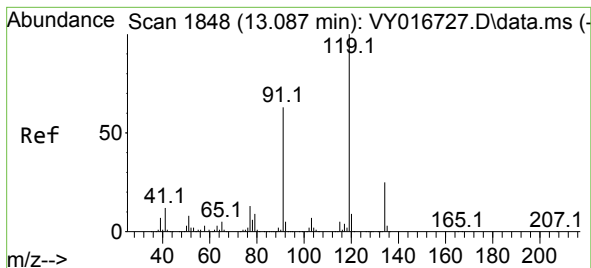
Tgt Ion: 75 Resp: 21910
Ion Ratio Lower Upper
75 100
53 91.4 74.0 111.0
89 45.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 49.219 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016865.D
Acq: 27 Dec 2023 09:14

Tgt Ion: 91 Resp: 252522
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 48.768 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

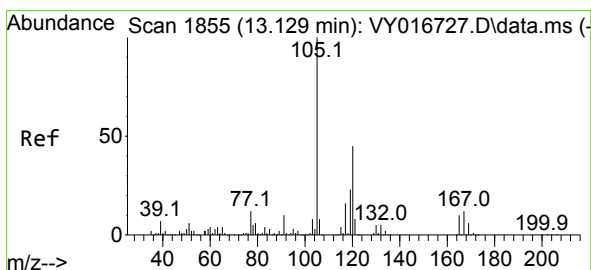
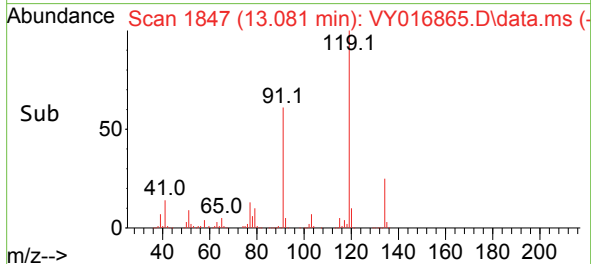
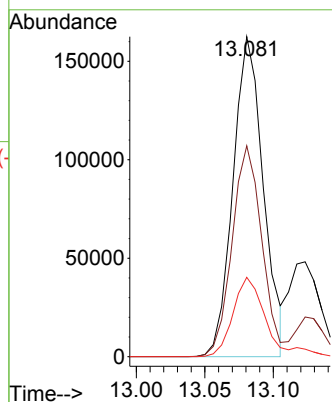
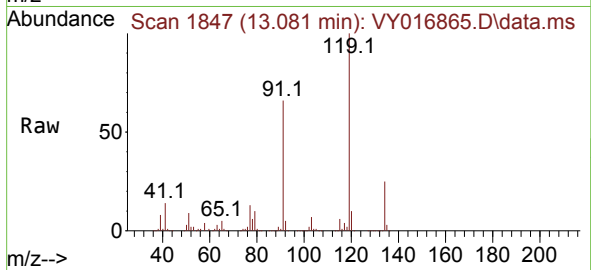
Tgt Ion:119 Resp: 250481

Ion Ratio Lower Upper

119 100

91 65.3 31.5 94.5

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 50.015 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016865.D

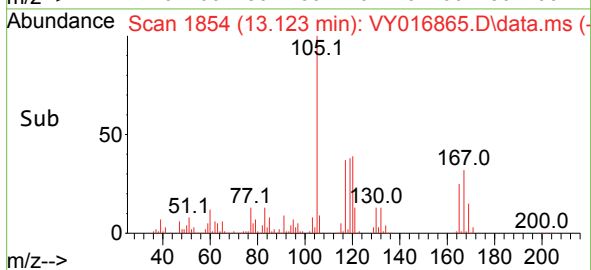
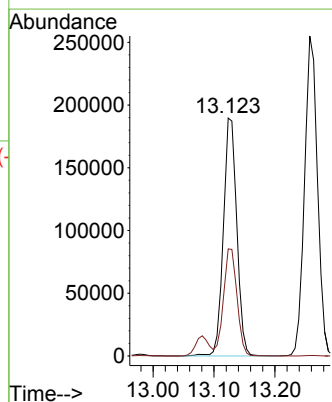
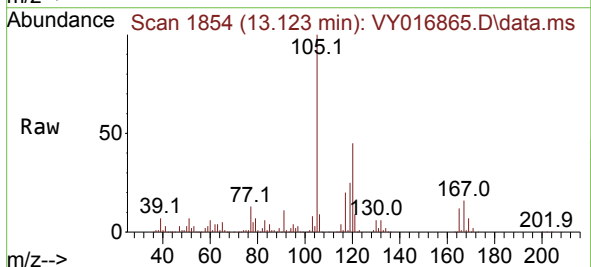
Acq: 27 Dec 2023 09:14

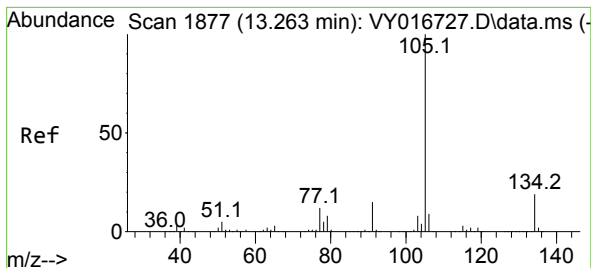
Tgt Ion:105 Resp: 291215

Ion Ratio Lower Upper

105 100

120 45.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 49.333 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

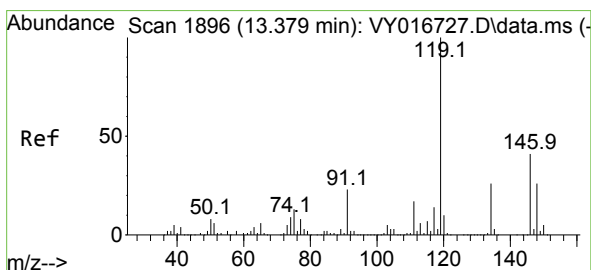
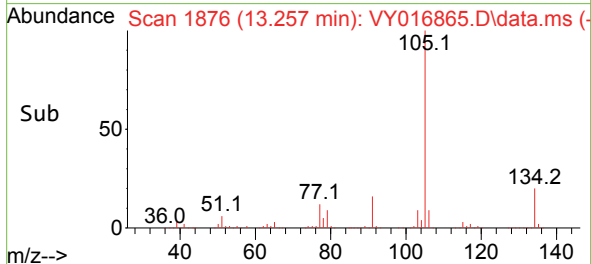
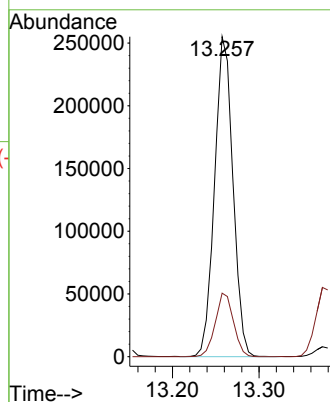
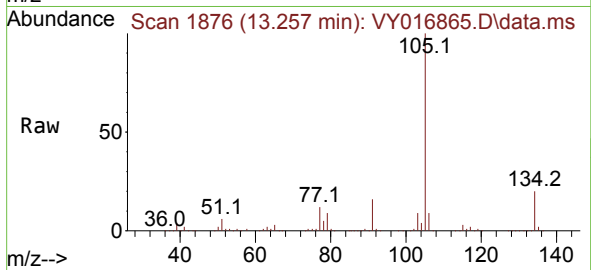
VSTDCCC050

Tgt Ion:105 Resp: 375301

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 49.406 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

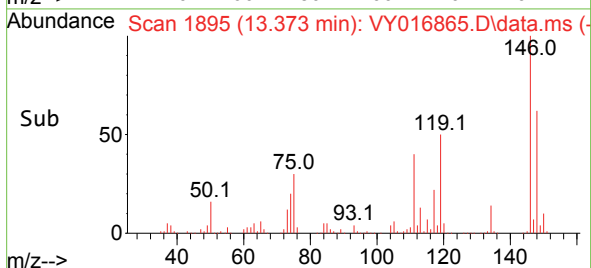
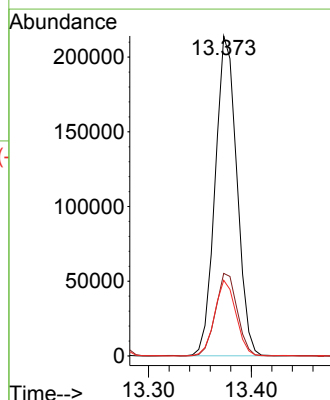
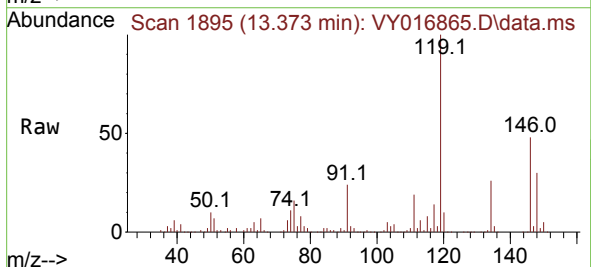
Tgt Ion:119 Resp: 313015

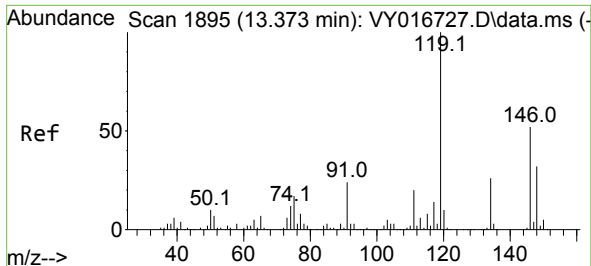
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.3 11.7 35.0

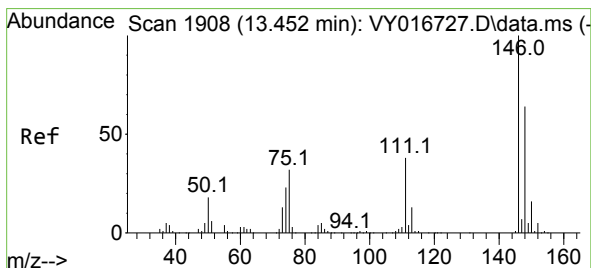
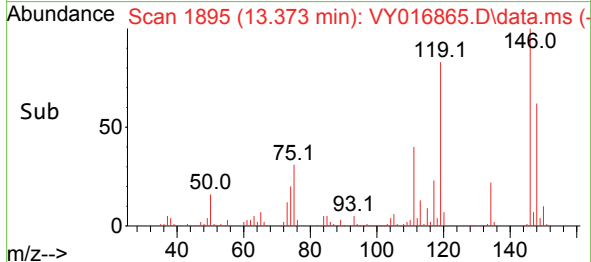
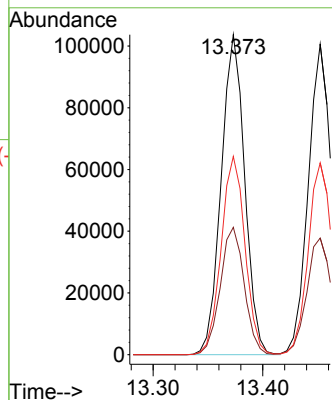
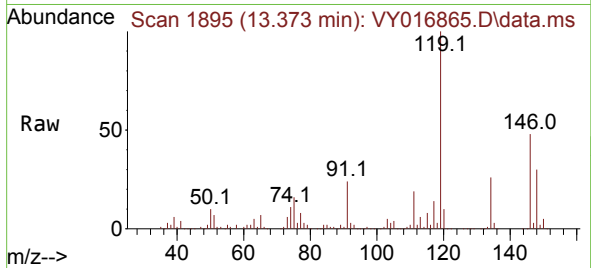




#87
 1,3-Dichlorobenzene
 Concen: 48.587 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY016865.D
 Acq: 27 Dec 2023 09:14

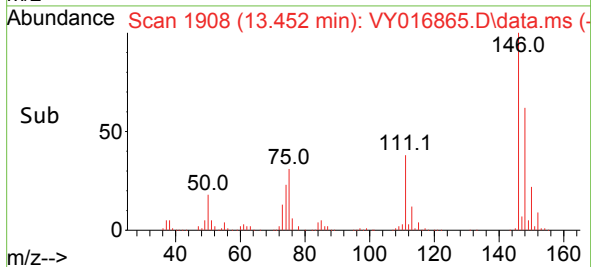
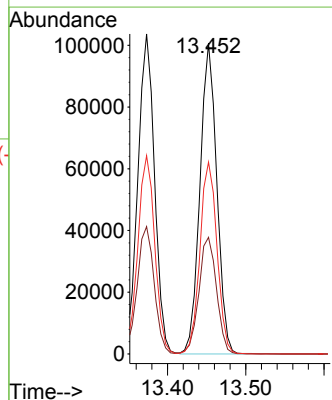
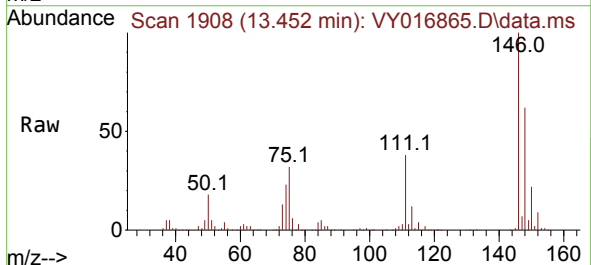
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

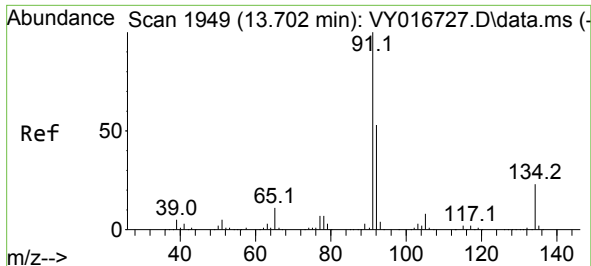
Tgt Ion:146 Resp: 154521
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.2 60.5
 148 62.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 48.466 ug/l
 RT: 13.452 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VY016865.D
 Acq: 27 Dec 2023 09:14

Tgt Ion:146 Resp: 150506
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.3 57.9
 148 62.7 31.6 94.7





#89

n-Butylbenzene

Concen: 49.928 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

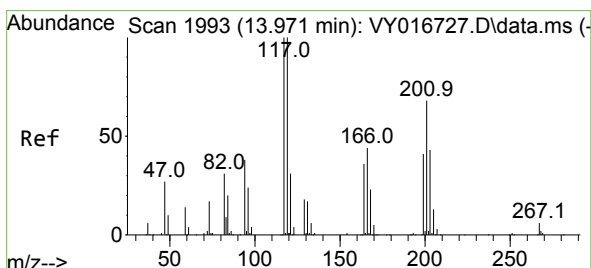
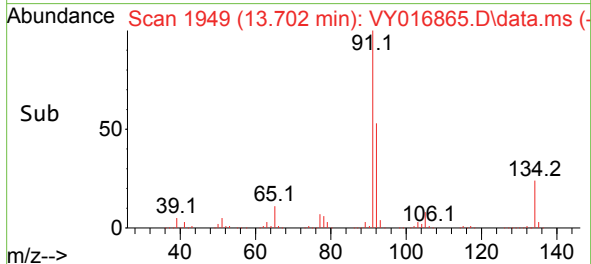
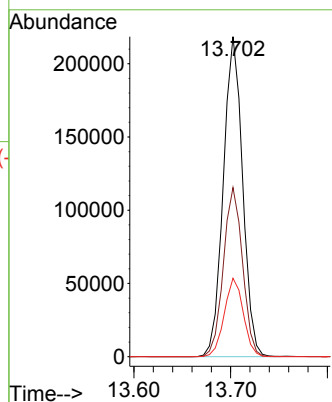
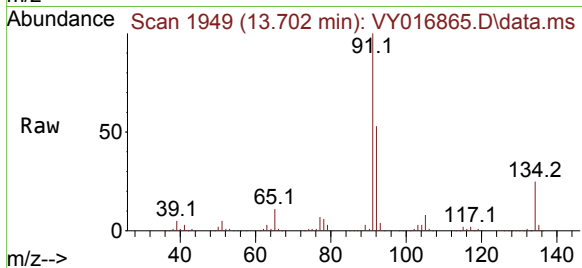
Tgt Ion: 91 Resp: 302377

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

134 24.2 12.3 36.8



#90

Hexachloroethane

Concen: 49.166 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016865.D

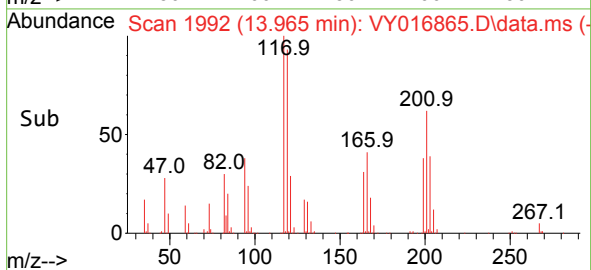
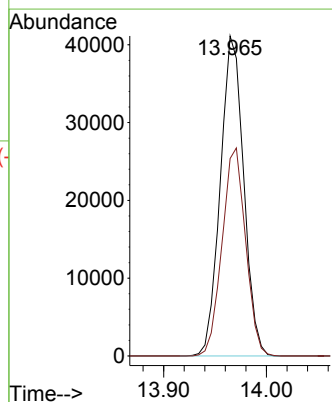
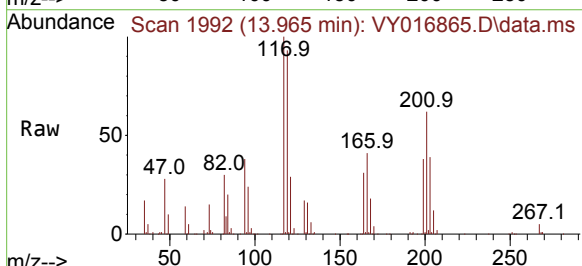
Acq: 27 Dec 2023 09:14

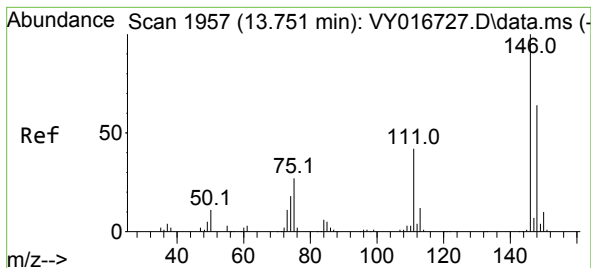
Tgt Ion: 117 Resp: 64862

Ion Ratio Lower Upper

117 100

201 65.5 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 49.067 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

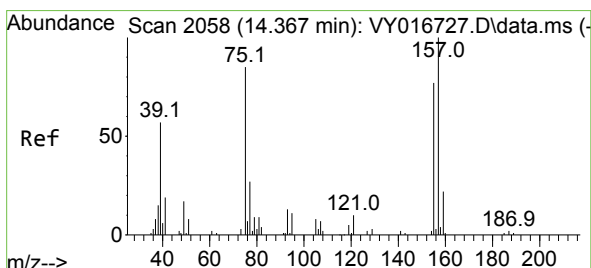
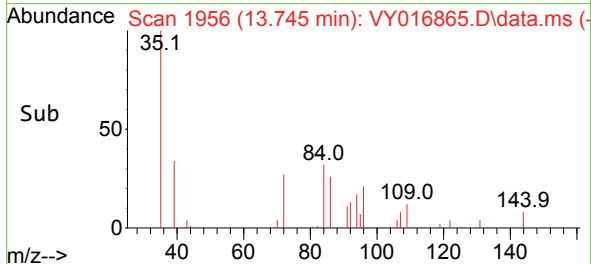
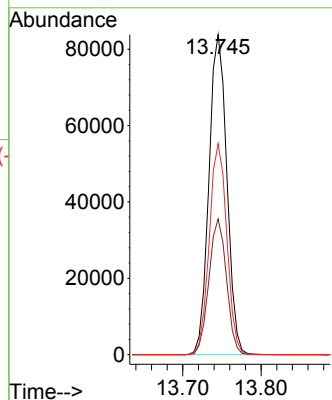
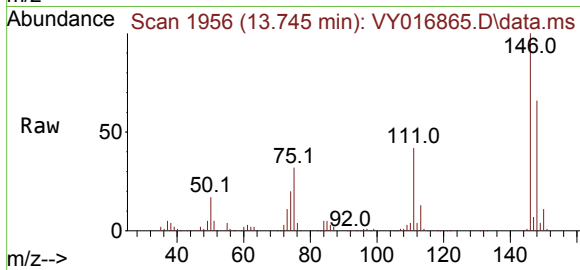
Tgt Ion:146 Resp: 132938

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

148 64.8 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.788 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

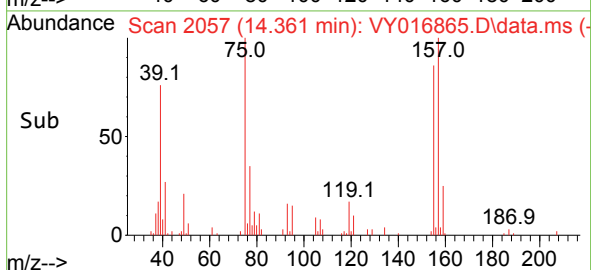
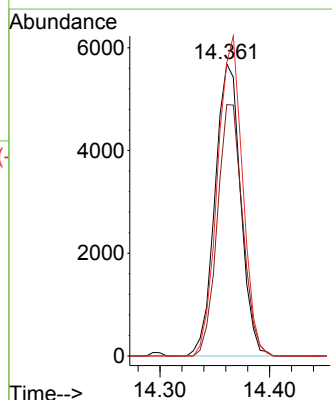
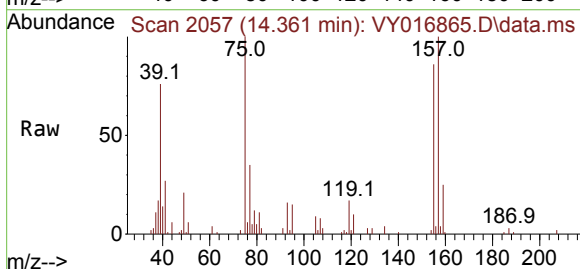
Tgt Ion: 75 Resp: 9234

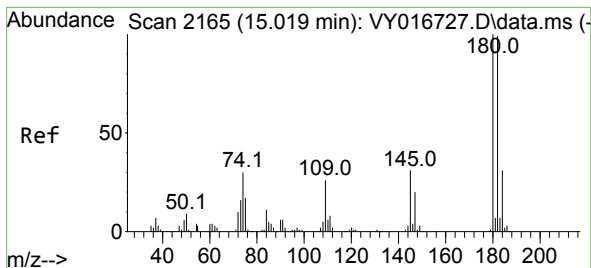
Ion Ratio Lower Upper

75 100

155 84.8 42.1 126.3

157 106.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 49.096 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

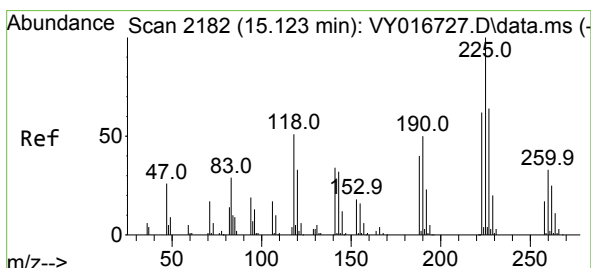
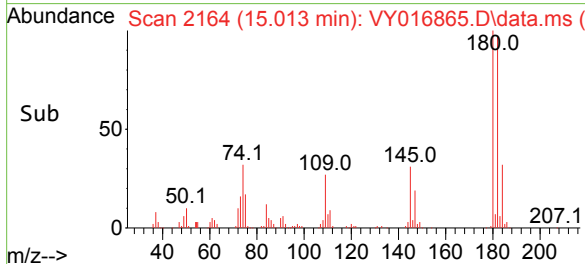
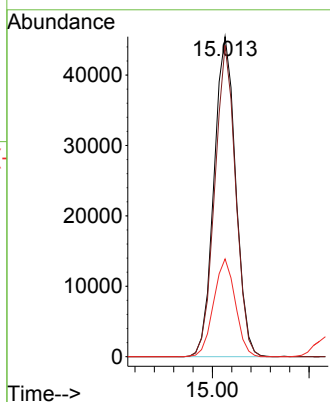
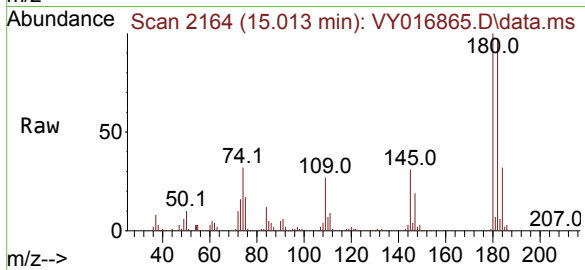
Tgt Ion:180 Resp: 70581

Ion Ratio Lower Upper

180 100

182 93.6 47.9 143.7

145 30.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 48.654 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

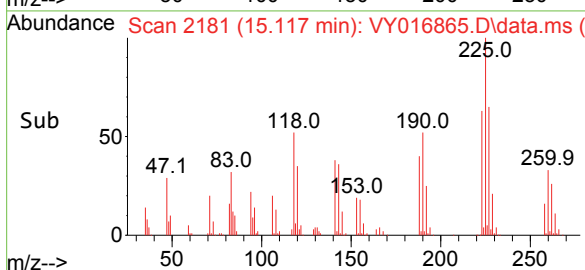
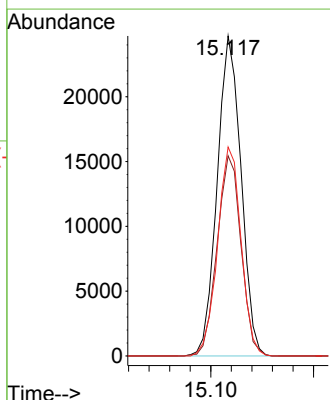
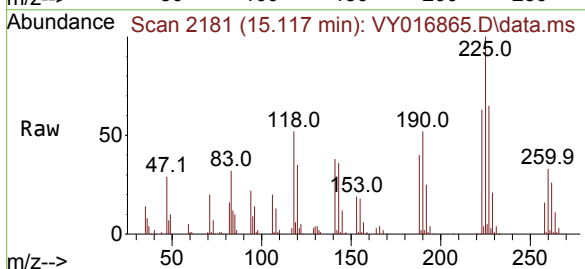
Tgt Ion:225 Resp: 39727

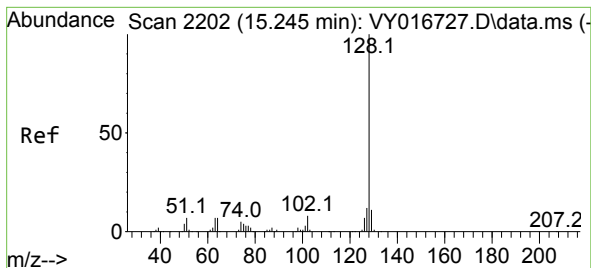
Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.3

227 64.1 32.3 96.8





#95

Naphthalene

Concen: 42.906 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

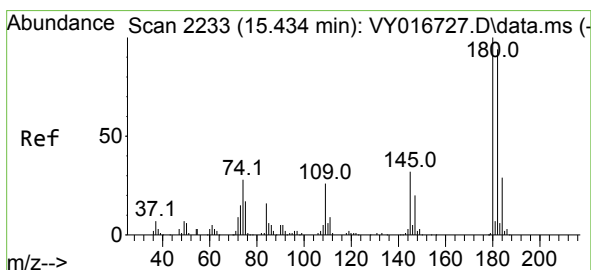
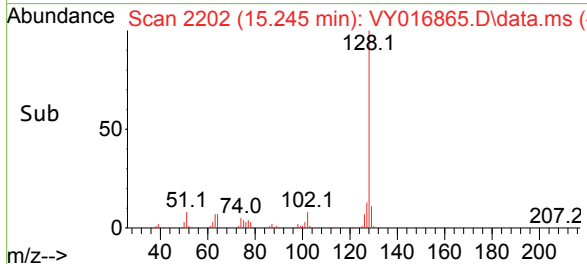
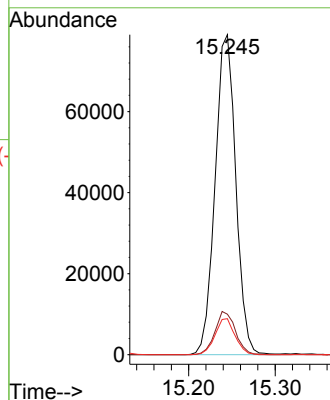
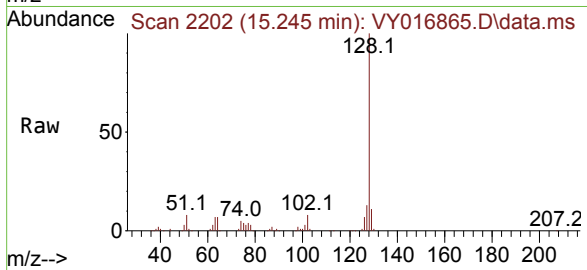
Tgt Ion:128 Resp: 131084

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.293 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016865.D

Acq: 27 Dec 2023 09:14

Tgt Ion:180 Resp: 59129

Ion Ratio Lower Upper

180 100

182 94.9 46.3 138.8

145 32.4 16.1 48.2

