

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016914.D
 Acq On : 05 Jan 2024 10:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 05 22:32:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	123383	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	205607	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	174404	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	76330	50.000	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.167	65	59404	48.713	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.420%
35) Dibromofluoromethane	7.746	113	66505	50.759	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.520%
50) Toluene-d8	10.203	98	235667	52.235	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.460%
62) 4-Bromofluorobenzene	12.502	95	75097	49.335	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.660%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.918	85	46885	50.634	ug/l	98
3) Chloromethane	2.131	50	74198	51.192	ug/l	100
4) Vinyl Chloride	2.272	62	89542	52.375	ug/l	99
5) Bromomethane	2.674	94	62833	51.301	ug/l	92
6) Chloroethane	2.820	64	61444	53.130	ug/l	98
7) Trichlorofluoromethane	3.156	101	110706	52.554	ug/l	99
8) Diethyl Ether	3.558	74	34980	51.961	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.930	101	72083	52.628	ug/l	99
10) Methyl Iodide	4.125	142	66221	56.831	ug/l	97
11) Tert butyl alcohol	4.985	59	20182	224.051	ug/l	97
12) 1,1-Dichloroethene	3.906	96	63373	53.926	ug/l	95
13) Acrolein	3.759	56	28640	214.239	ug/l	100
14) Allyl chloride	4.515	41	101796	54.793	ug/l	99
15) Acrylonitrile	5.198	53	77904	247.403	ug/l	99
16) Acetone	3.973	43	86978	293.604	ug/l	98
17) Carbon Disulfide	4.229	76	151409	53.921	ug/l	100
18) Methyl Acetate	4.509	43	72460	55.461	ug/l	98
19) Methyl tert-butyl Ether	5.253	73	159170	52.061	ug/l	99
20) Methylene Chloride	4.753	84	76266	48.106	ug/l	98
21) trans-1,2-Dichloroethene	5.253	96	73075	54.293	ug/l	99
22) Diisopropyl ether	6.155	45	239485	55.758	ug/l	94
23) Vinyl Acetate	6.094	43	502552	255.180	ug/l	99
24) 1,1-Dichloroethane	6.052	63	140441	54.412	ug/l	98
25) 2-Butanone	7.015	43	109924	264.715	ug/l	99
26) 2,2-Dichloropropane	7.015	77	121021	54.078	ug/l	99
27) cis-1,2-Dichloroethene	7.015	96	87547	55.489	ug/l	99
28) Bromochloromethane	7.362	49	58600	60.476	ug/l	98
29) Tetrahydrofuran	7.374	42	60217	243.975	ug/l	98
30) Chloroform	7.533	83	143822	54.072	ug/l	99
31) Cyclohexane	7.813	56	108502	51.840	ug/l	98
32) 1,1,1-Trichloroethane	7.728	97	123029	54.552	ug/l	99
36) 1,1-Dichloropropene	7.948	75	104781	54.875	ug/l	99
37) Ethyl Acetate	7.100	43	42272	48.716	ug/l	99
38) Carbon Tetrachloride	7.929	117	106517	54.907	ug/l	99
39) Methylcyclohexane	9.209	83	121008	56.373	ug/l	98
40) Benzene	8.185	78	312655	54.585	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	24734	54.123	ug/l	97
42) 1,2-Dichloroethane	8.258	62	80061	52.650	ug/l	100
43) Isopropyl Acetate	8.295	43	81172	48.849	ug/l	99
44) Trichloroethene	8.966	130	78599	53.927	ug/l	98
45) 1,2-Dichloropropane	9.240	63	79972	54.195	ug/l	98
46) Dibromomethane	9.331	93	38847	51.618	ug/l	98
47) Bromodichloromethane	9.520	83	108456	53.667	ug/l	96
48) Methyl methacrylate	9.313	41	45576	50.823	ug/l	98
49) 1,4-Dioxane	9.319	88	7556	969.660	ug/l	96
51) 4-Methyl-2-Pentanone	10.093	43	219307	248.166	ug/l	100
52) Toluene	10.264	92	194228	56.187	ug/l	100
53) t-1,3-Dichloropropene	10.484	75	96695	53.417	ug/l	100
54) cis-1,3-Dichloropropene	9.953	75	117941	54.253	ug/l	99
55) 1,1,2-Trichloroethane	10.667	97	56441	51.335	ug/l	98
56) Ethyl methacrylate	10.532	69	49015	52.633	ug/l	97
57) 1,3-Dichloropropane	10.813	76	96903	52.789	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	148036	252.438	ug/l	99
59) 2-Hexanone	10.856	43	161442	248.104	ug/l	100
60) Dibromochloromethane	11.008	129	66752	52.647	ug/l	99
61) 1,2-Dibromoethane	11.112	107	50720	53.096	ug/l	98
64) Tetrachloroethene	10.740	164	61696	54.565	ug/l	98
65) Chlorobenzene	11.538	112	200365	55.149	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	75908	54.962	ug/l	99
67) Ethyl Benzene	11.618	91	373503	57.103	ug/l	100
68) m/p-Xylenes	11.721	106	274579	114.364	ug/l	98
69) o-Xylene	12.050	106	129429	57.504	ug/l	98
70) Styrene	12.069	104	188307	57.483	ug/l	99
71) Bromoform	12.227	173	35394	52.057	ug/l #	98
73) Isopropylbenzene	12.349	105	354692	56.904	ug/l	100
74) N-amyl acetate	12.166	43	64225	51.284	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	63848	50.273	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	75610	91.281	ug/l #	100
77) Bromobenzene	12.630	156	74328	54.161	ug/l	98
78) n-propylbenzene	12.691	91	432771	57.111	ug/l	100
79) 2-Chlorotoluene	12.776	91	234388	55.780	ug/l	100
80) 1,3,5-Trimethylbenzene	12.837	105	281487	57.101	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.398	75	18367	50.351	ug/l	98
82) 4-Chlorotoluene	12.873	91	238121	55.468	ug/l	99
83) tert-Butylbenzene	13.099	119	245260	56.486	ug/l	97
84) 1,2,4-Trimethylbenzene	13.142	105	280516	57.782	ug/l	100
85) sec-Butylbenzene	13.276	105	372419	57.886	ug/l	99
86) p-Isopropyltoluene	13.392	119	304857	57.415	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	146940	54.595	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	141640	53.805	ug/l	99
89) n-Butylbenzene	13.715	91	297977	58.368	ug/l	99
90) Hexachloroethane	13.983	117	62683	54.939	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	126351	54.322	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	7485	46.999	ug/l	97
93) 1,2,4-Trichlorobenzene	15.032	180	66472	57.551	ug/l	99
94) Hexachlorobutadiene	15.135	225	40455	55.911	ug/l	99
95) Naphthalene	15.257	128	114721	53.956	ug/l	100
96) 1,2,3-Trichlorobenzene	15.446	180	54422	55.492	ug/l	98

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QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

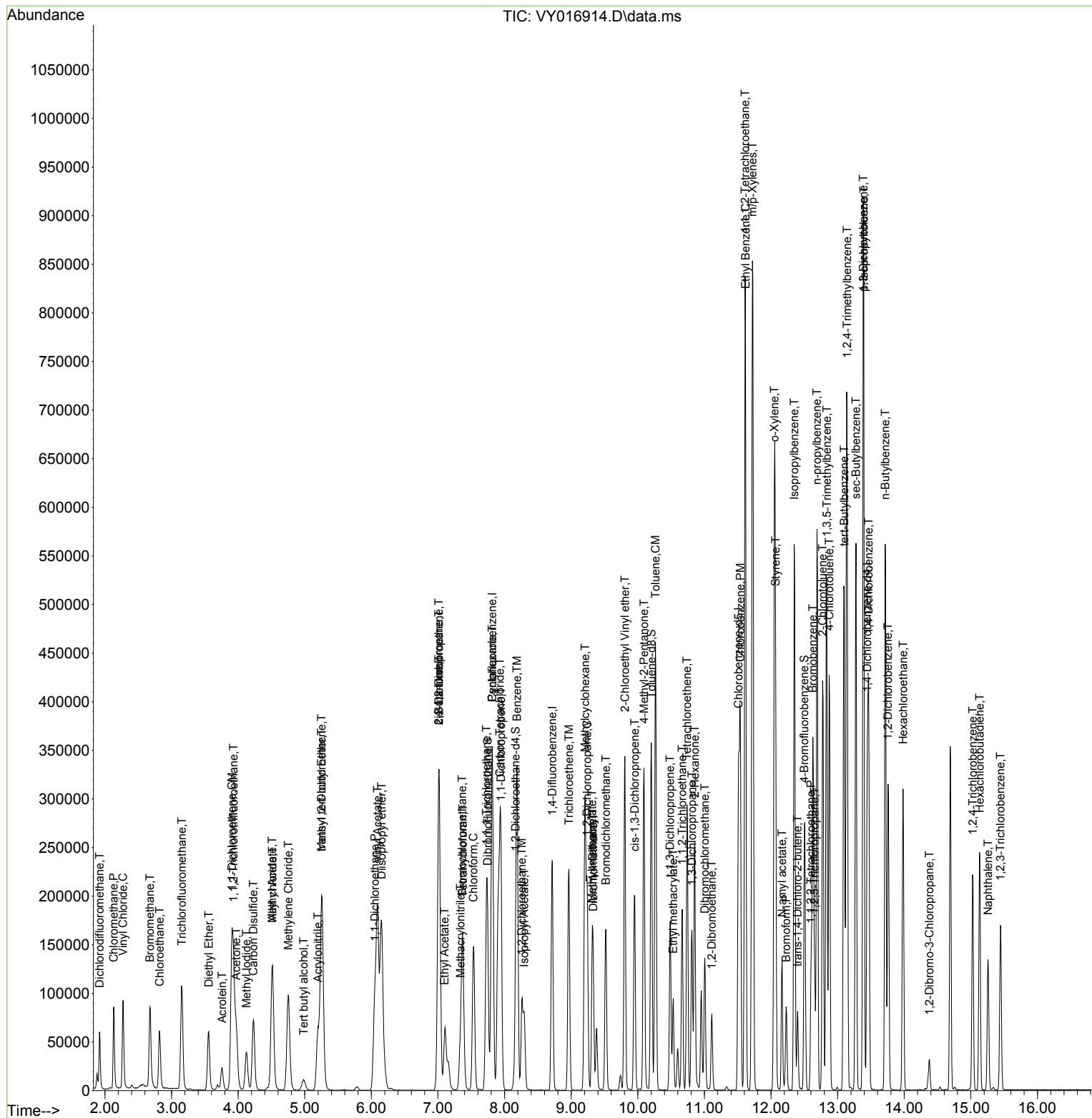
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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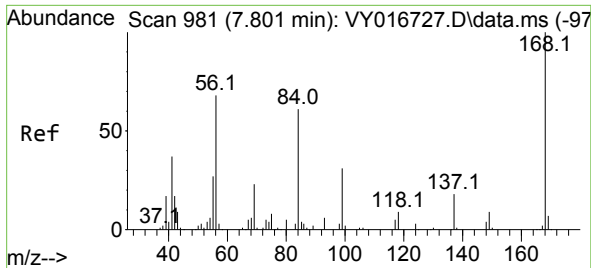
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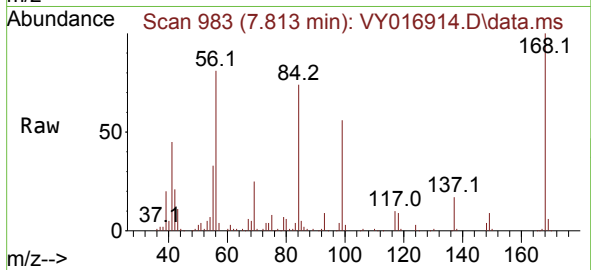
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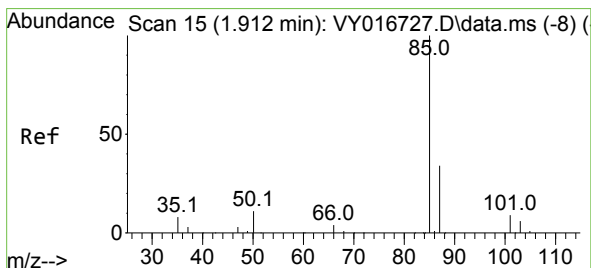
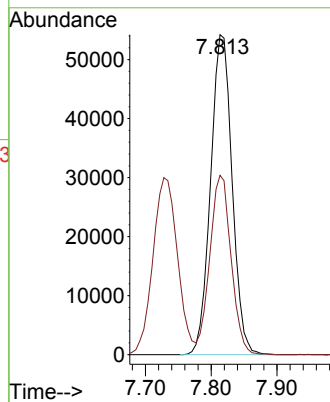
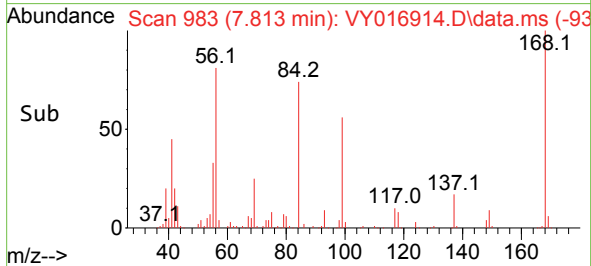


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016914.D
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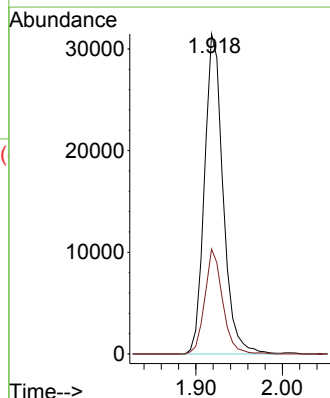
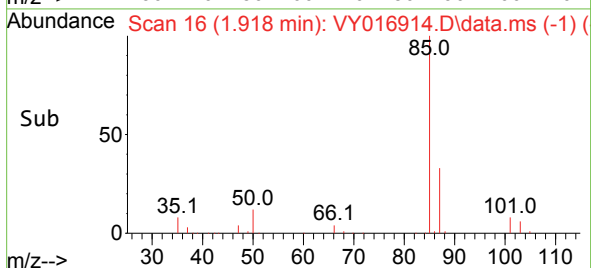
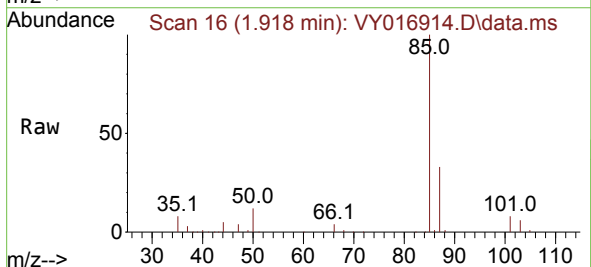


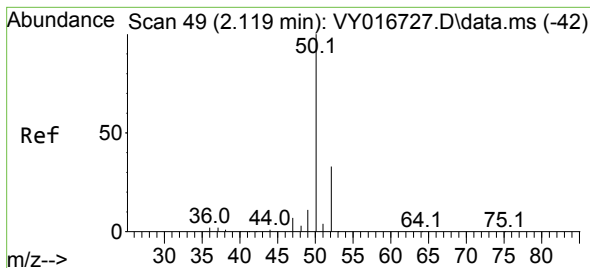
Tgt Ion:168 Resp: 123383
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 50.634 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Tgt Ion: 85 Resp: 46885
Ion Ratio Lower Upper
85 100
87 32.8 17.1 51.3





#3

Chloromethane

Concen: 51.192 ug/l

RT: 2.131 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

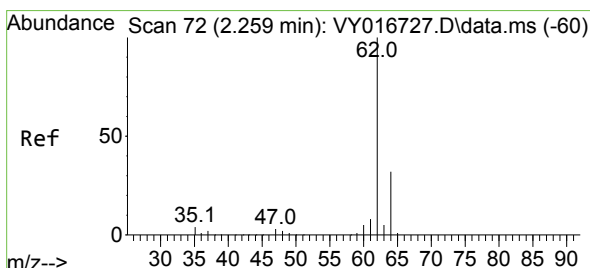
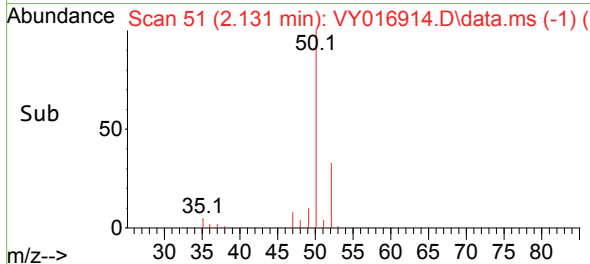
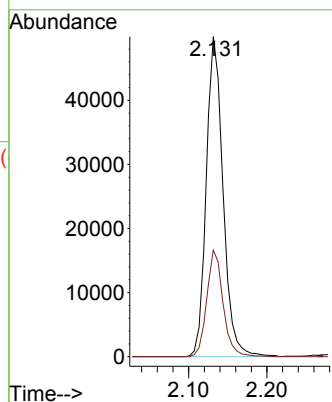
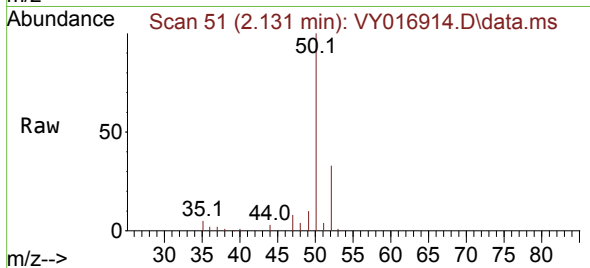
ClientSampleId :

Tgt Ion: 50 Resp: 74198

Ion Ratio Lower Upper

50 100

52 33.3 26.7 40.1



#4

Vinyl Chloride

Concen: 52.375 ug/l

RT: 2.272 min Scan# 74

Delta R.T. 0.013 min

Lab File: VY016914.D

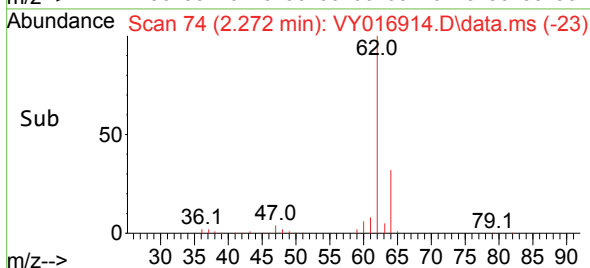
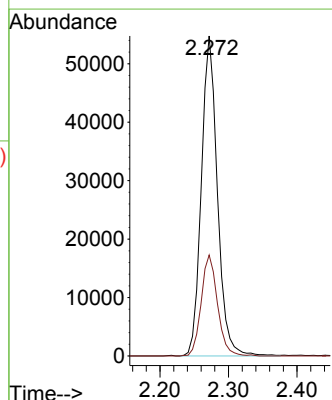
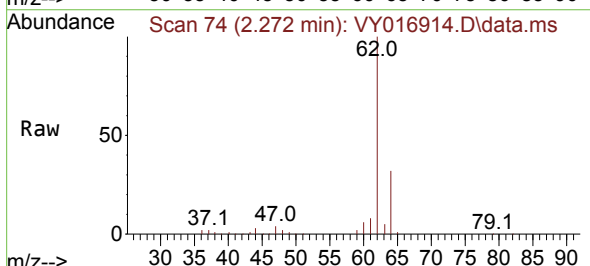
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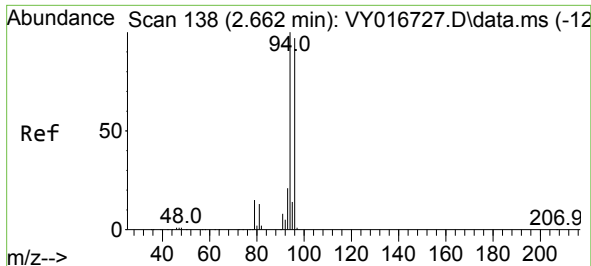
Tgt Ion: 62 Resp: 89542

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 51.301 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

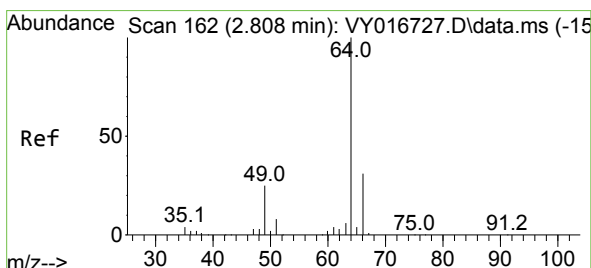
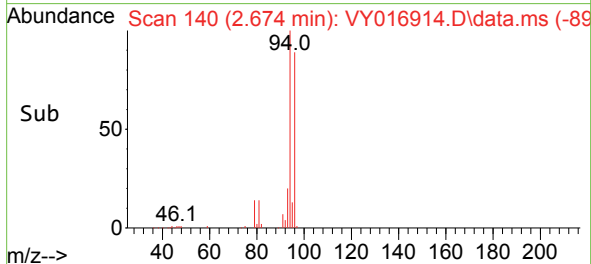
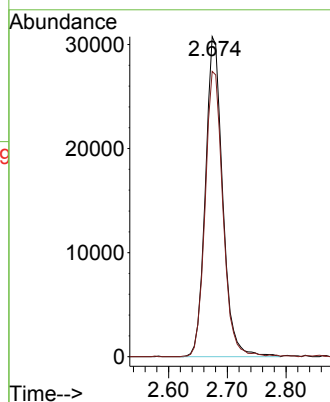
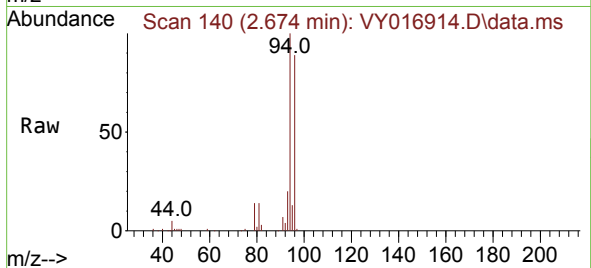
ClientSampleId :

Tgt Ion: 94 Resp: 62833

Ion Ratio Lower Upper

94 100

96 89.2 77.3 115.9



#6

Chloroethane

Concen: 53.130 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.012 min

Lab File: VY016914.D

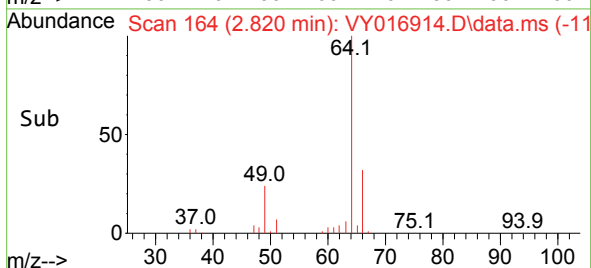
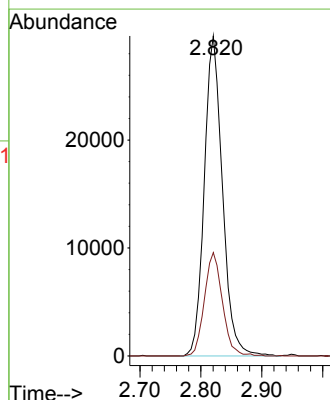
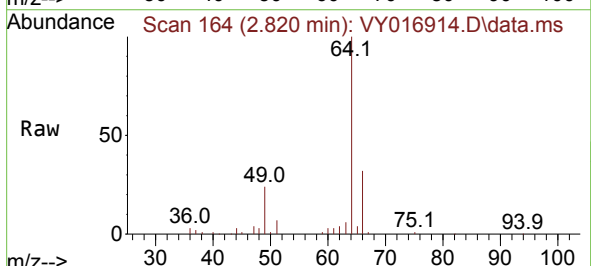
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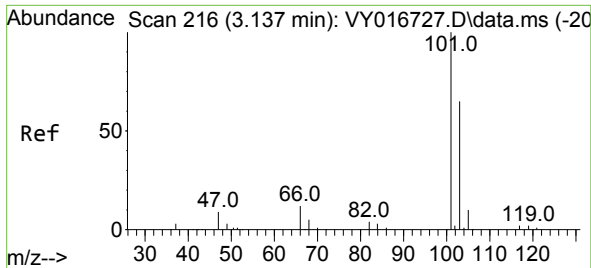
Tgt Ion: 64 Resp: 61444

Ion Ratio Lower Upper

64 100

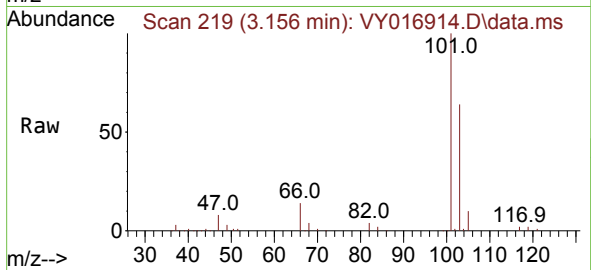
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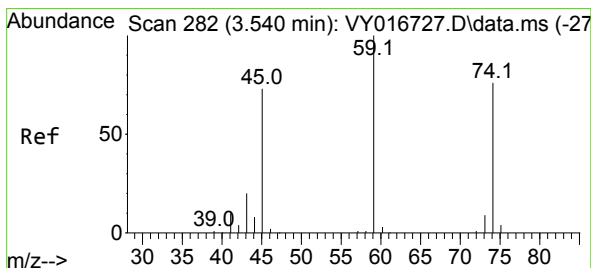
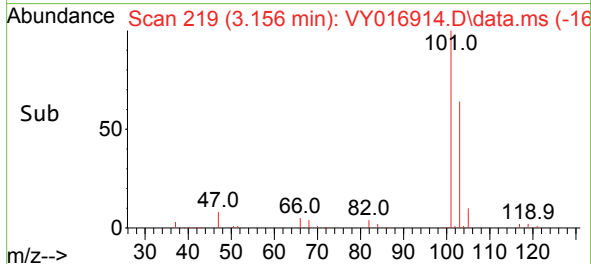
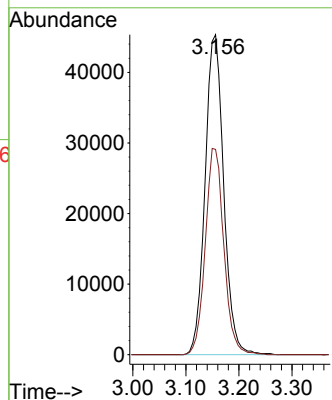


#7
 Trichlorofluoromethane
 Concen: 52.554 ug/l
 RT: 3.156 min Scan# 216
 Delta R.T. 0.019 min
 Lab File: VY016914.D
 Acq: 05 Jan 2024 10:24

Instrument :
 MSVOA_Y
 ClientSampleId :

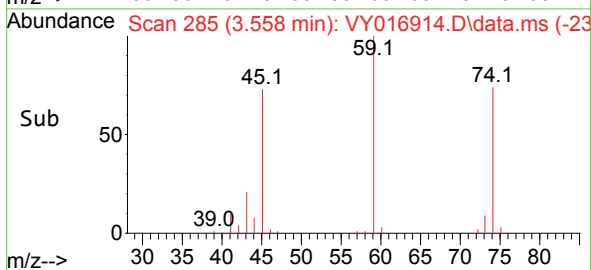
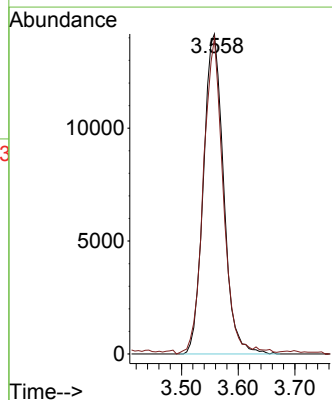
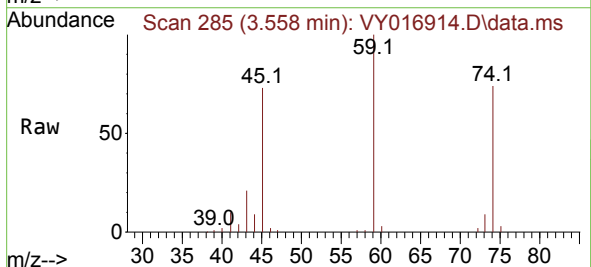


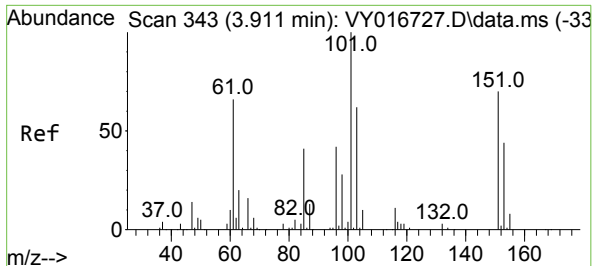
Tgt Ion:101 Resp: 110706
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.9 77.9



#8
 Diethyl Ether
 Concen: 51.961 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.018 min
 Lab File: VY016914.D
 Acq: 05 Jan 2024 10:24

Tgt Ion: 74 Resp: 34980
 Ion Ratio Lower Upper
 74 100
 45 97.7 47.9 143.7

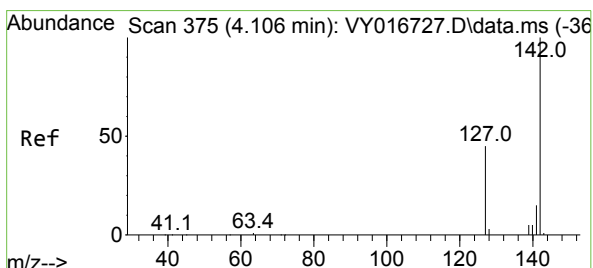
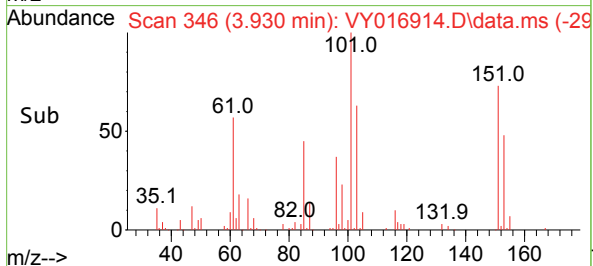
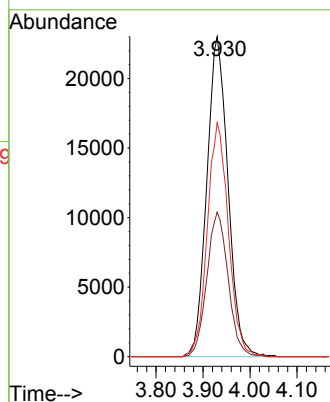
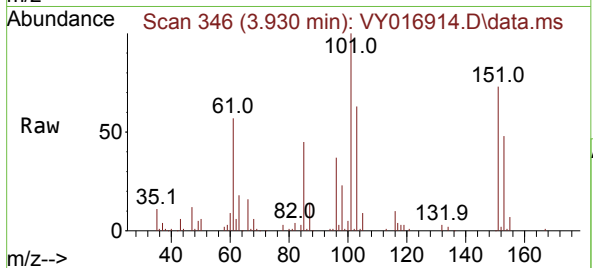




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.628 ug/l
RT: 3.930 min Scan# 34
Delta R.T. 0.019 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

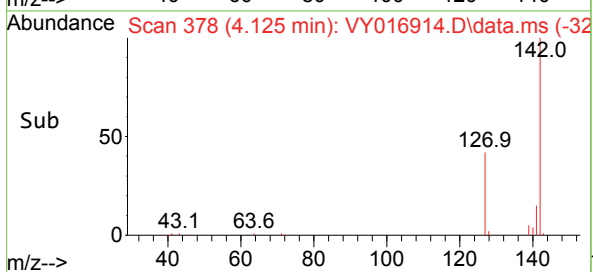
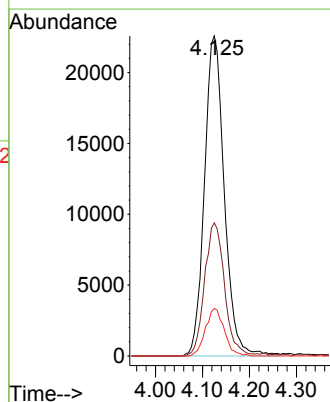
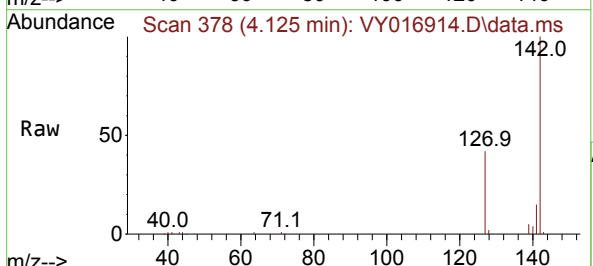
Instrument :
MSVOA_Y
ClientSampleId :

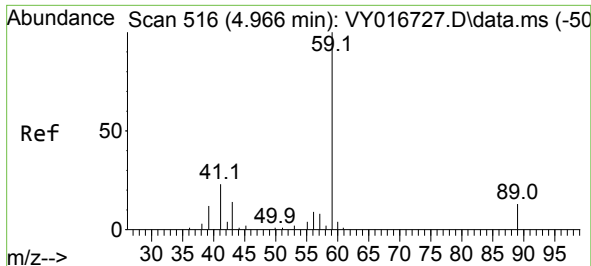
Tgt Ion:101	Resp:	72083
Ion Ratio	Lower	Upper
101	100	
85	45.4	35.8 53.6
151	72.6	58.6 88.0



#10
Methyl Iodide
Concen: 56.831 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.019 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Tgt Ion:142	Resp:	66221
Ion Ratio	Lower	Upper
142	100	
127	41.6	35.1 52.7
141	14.1	11.8 17.6





#11

Tert butyl alcohol

Concen: 224.051 ug/l

RT: 4.985 min Scan# 516

Delta R.T. 0.019 min

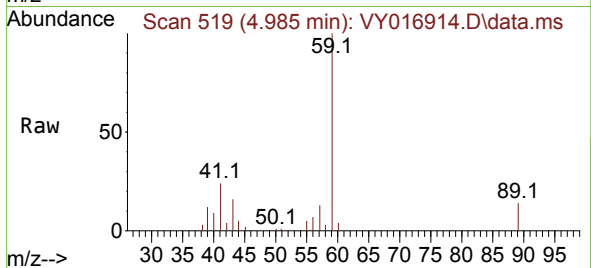
Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

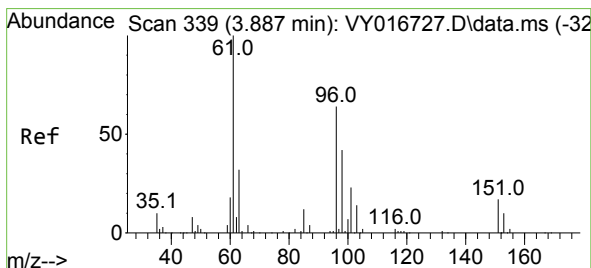
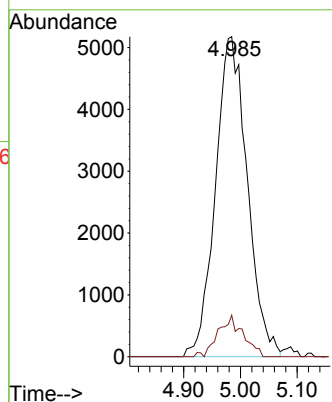


Tgt Ion: 59 Resp: 20182

Ion Ratio Lower Upper

59 100

57 10.1 7.4 11.0



#12

1,1-Dichloroethene

Concen: 53.926 ug/l

RT: 3.906 min Scan# 342

Delta R.T. 0.019 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

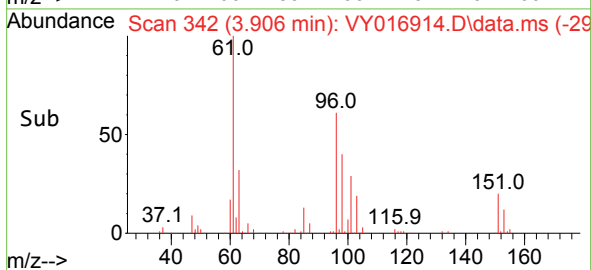
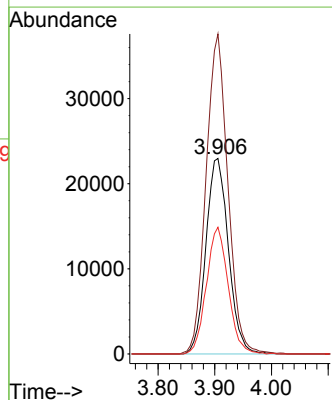
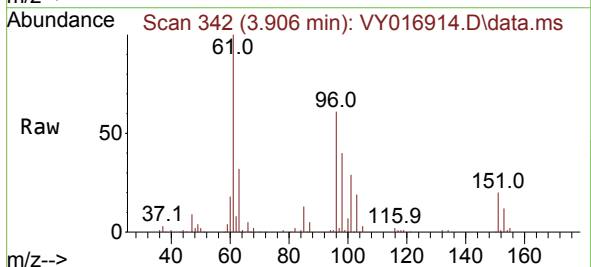
Tgt Ion: 96 Resp: 63373

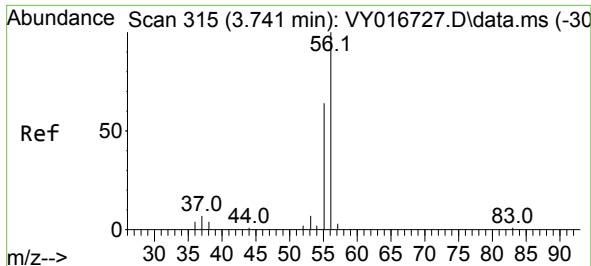
Ion Ratio Lower Upper

96 100

61 163.7 124.2 186.2

98 64.9 52.6 79.0





#13

Acrolein

Concen: 214.239 ug/l

RT: 3.759 min Scan# 315

Delta R.T. 0.018 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

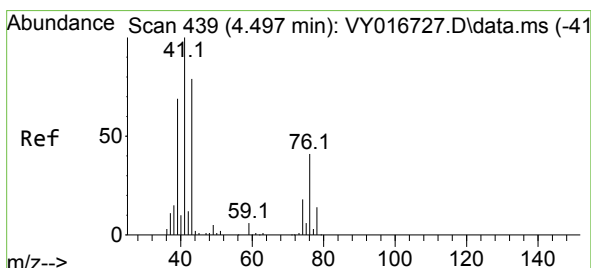
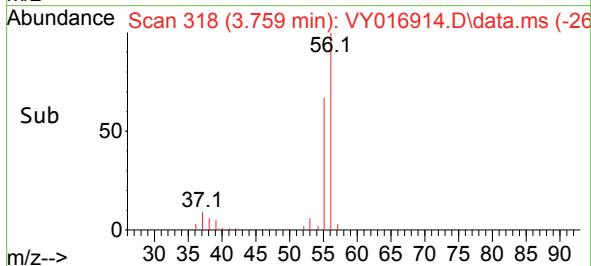
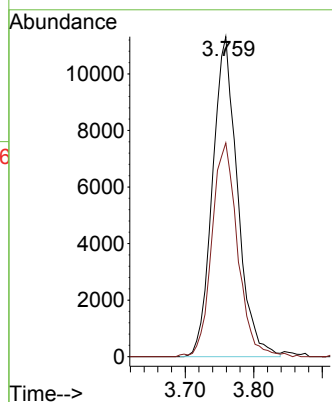
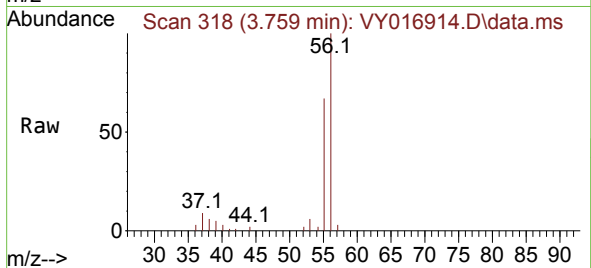
ClientSampleId :

Tgt Ion: 56 Resp: 28640

Ion Ratio Lower Upper

56 100

55 69.0 55.4 83.0



#14

Allyl chloride

Concen: 54.793 ug/l

RT: 4.515 min Scan# 442

Delta R.T. 0.018 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

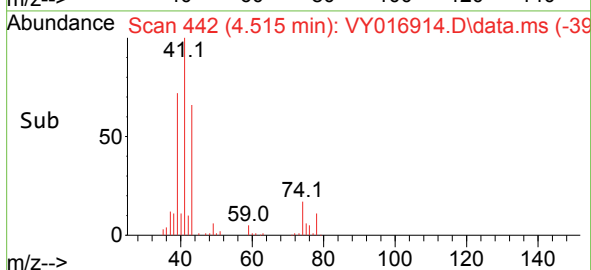
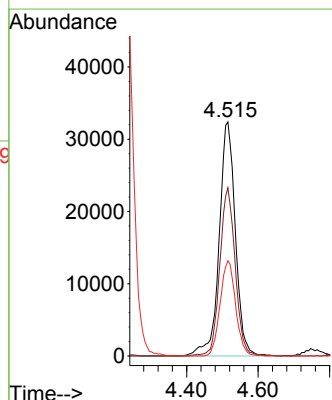
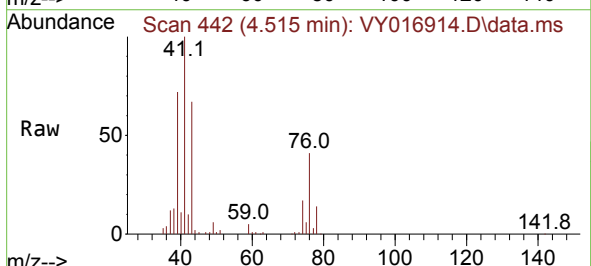
Tgt Ion: 41 Resp: 101796

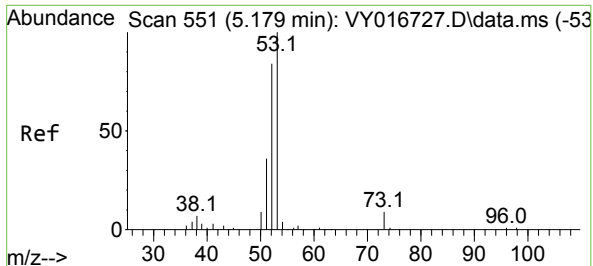
Ion Ratio Lower Upper

41 100

39 68.4 54.7 82.1

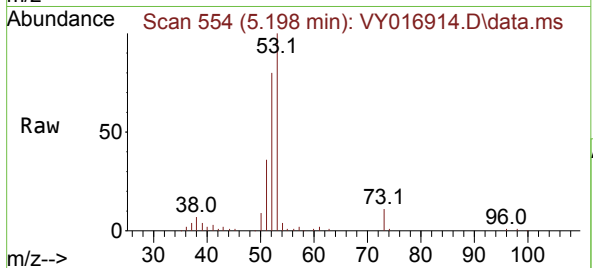
76 38.9 31.8 47.6



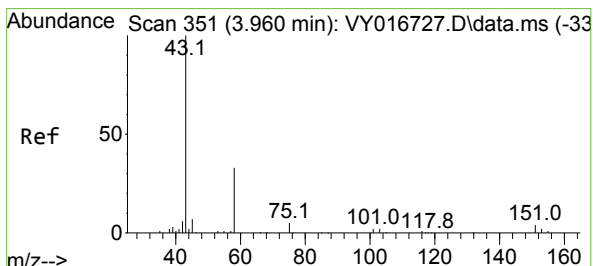
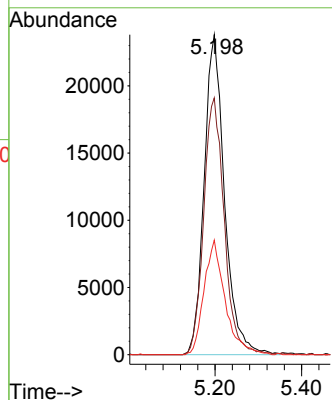
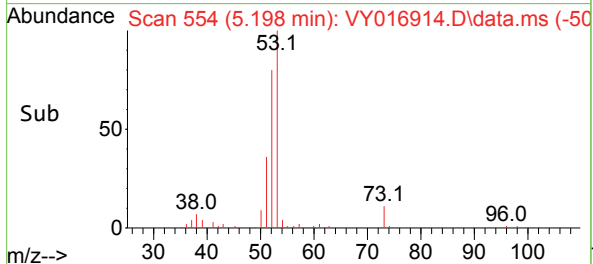


#15
Acrylonitrile
Concen: 247.403 ug/l
RT: 5.198 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Instrument :
MSVOA_Y
ClientSampleId :

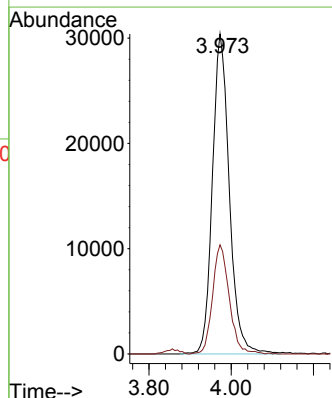
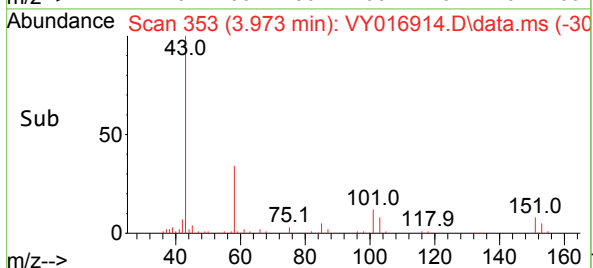
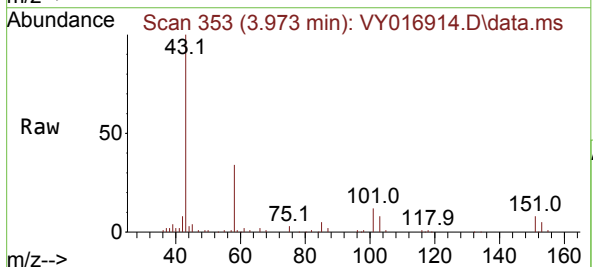


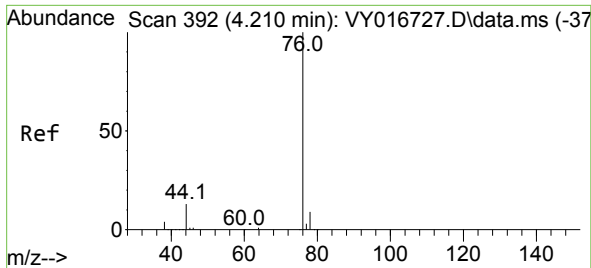
Tgt Ion: 53 Resp: 77904
Ion Ratio Lower Upper
53 100
52 80.8 65.1 97.7
51 37.1 29.0 43.4



#16
Acetone
Concen: 293.604 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Tgt Ion: 43 Resp: 86978
Ion Ratio Lower Upper
43 100
58 34.1 26.6 39.8





#17

Carbon Disulfide

Concen: 53.921 ug/l

RT: 4.229 min Scan# 395

Delta R.T. 0.019 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

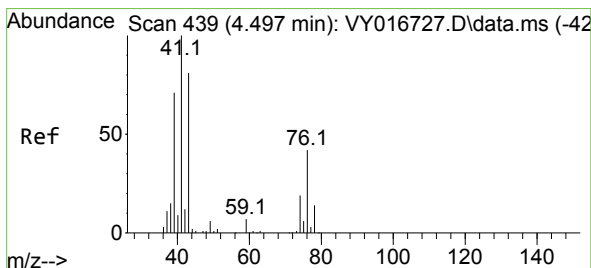
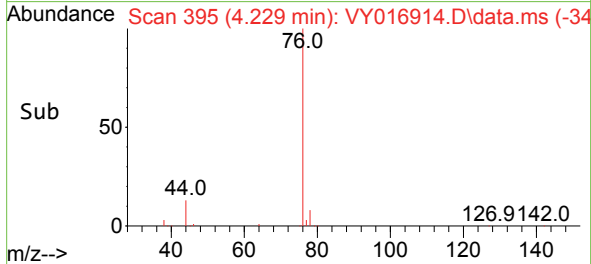
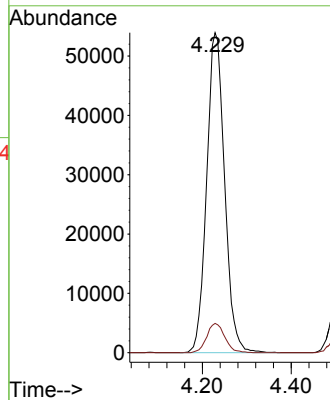
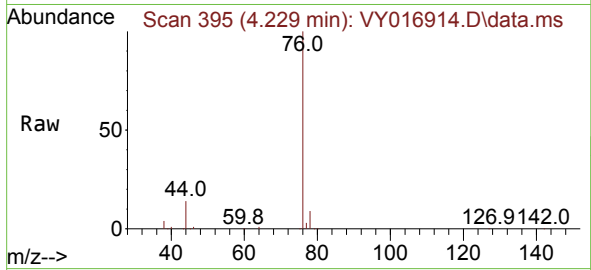
ClientSampleId :

Tgt Ion: 76 Resp: 151409

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 55.461 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016914.D

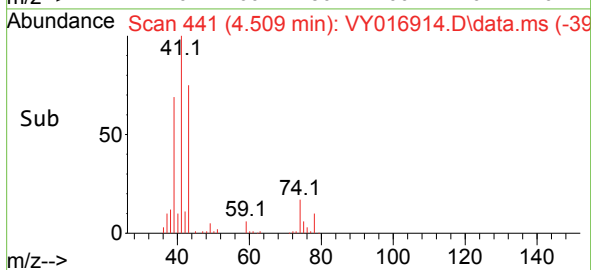
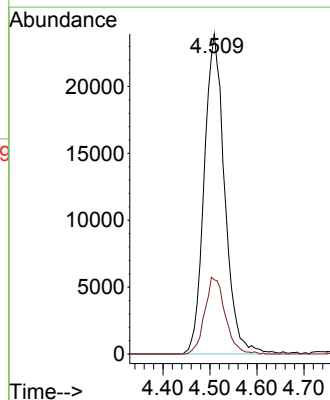
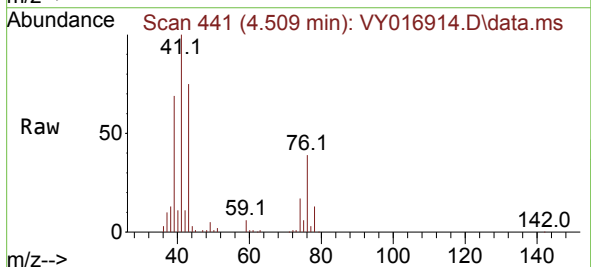
Acq: 05 Jan 2024 10:24

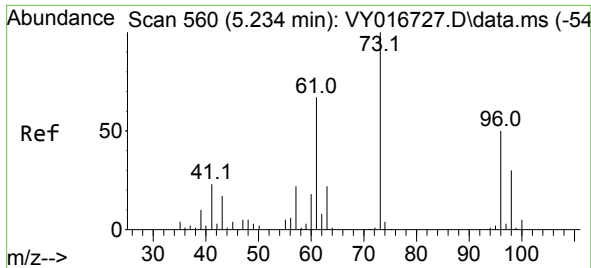
Tgt Ion: 43 Resp: 72460

Ion Ratio Lower Upper

43 100

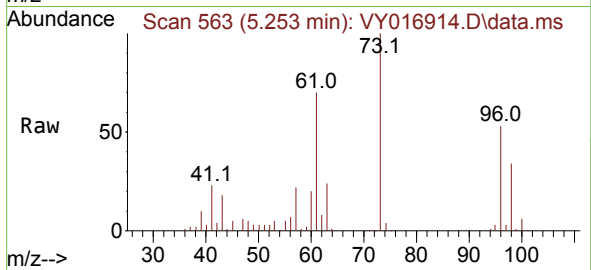
74 23.9 19.8 29.6



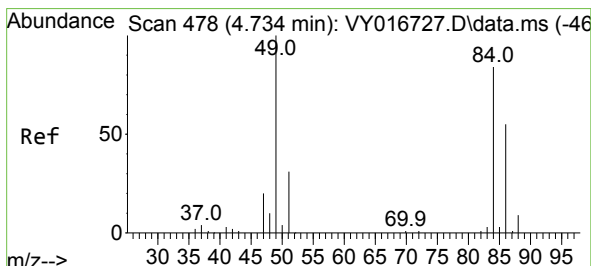
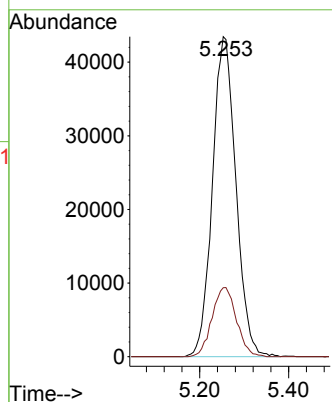
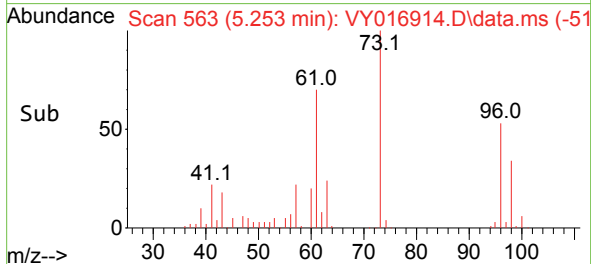


#19
Methyl tert-butyl Ether
Concen: 52.061 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

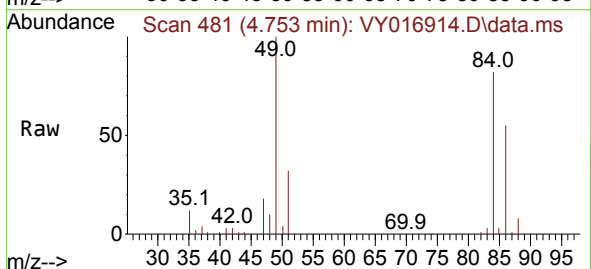
Instrument :
MSVOA_Y
ClientSampleId :



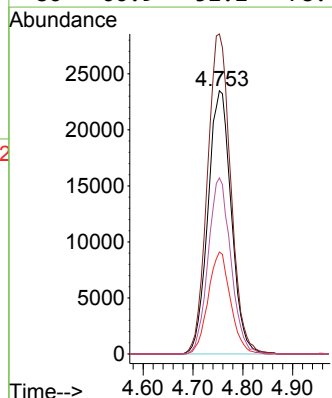
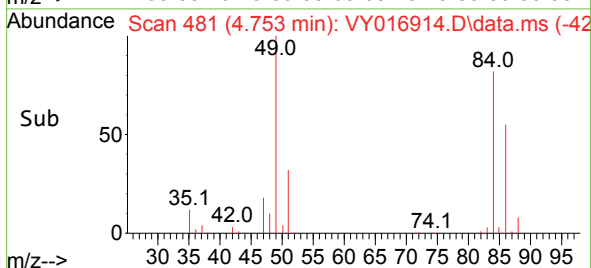
Tgt Ion: 73 Resp: 159170
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5

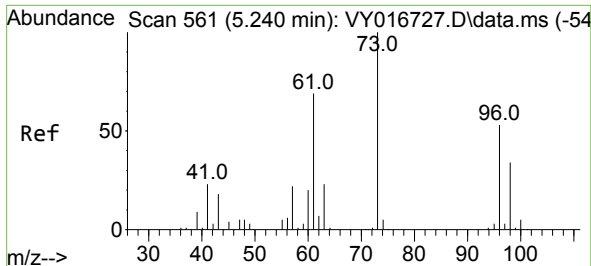


#20
Methylene Chloride
Concen: 48.106 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24



Tgt Ion: 84 Resp: 76266
Ion Ratio Lower Upper
84 100
49 121.6 95.2 142.8
51 38.7 29.9 44.9
86 66.9 52.2 78.4

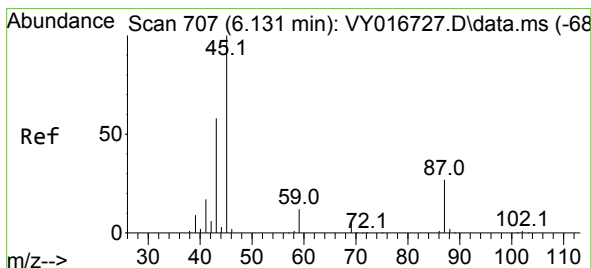
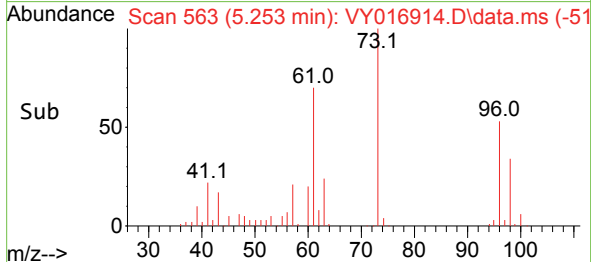
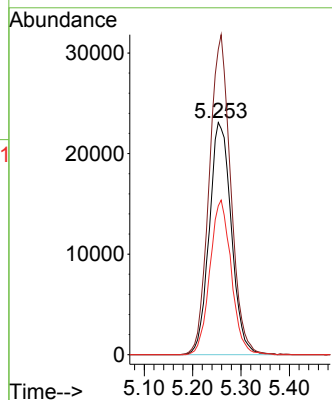
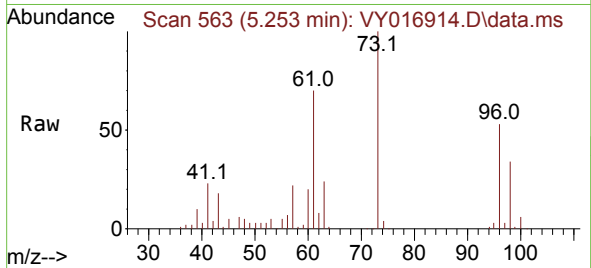




#21
trans-1,2-Dichloroethene
Concen: 54.293 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

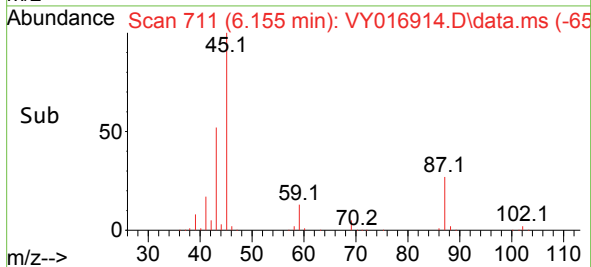
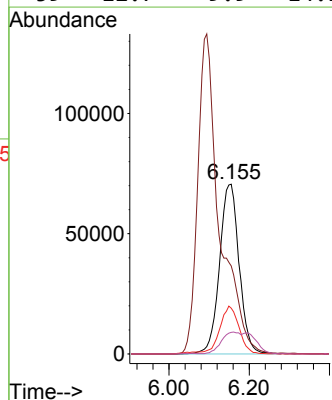
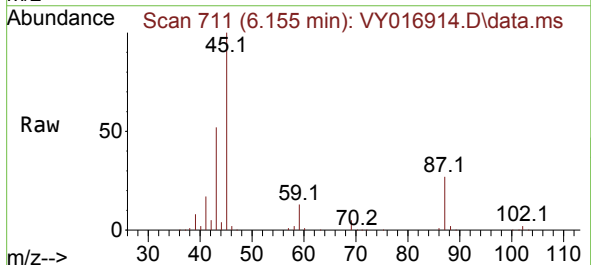
Instrument :
MSVOA_Y
ClientSampleId :

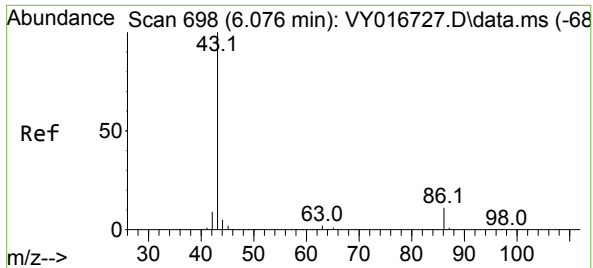
Tgt Ion: 96 Resp: 73075
Ion Ratio Lower Upper
96 100
61 131.5 104.6 156.8
98 64.1 50.9 76.3



#22
Diisopropyl ether
Concen: 55.758 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.024 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Tgt Ion: 45 Resp: 239485
Ion Ratio Lower Upper
45 100
43 51.5 46.8 70.2
87 26.9 22.2 33.2
59 12.7 9.9 14.9

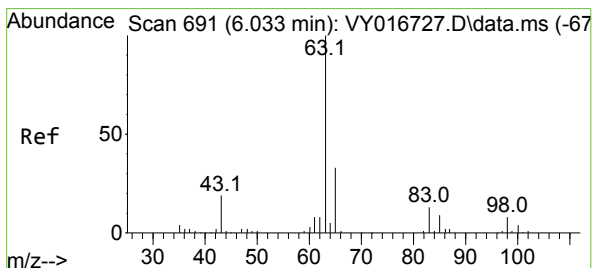
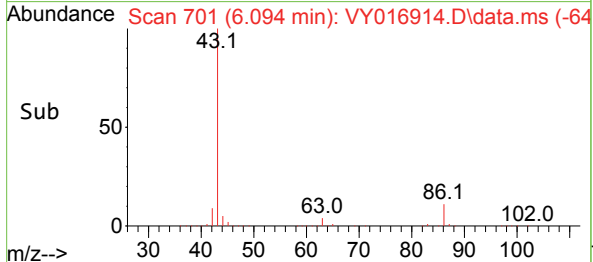
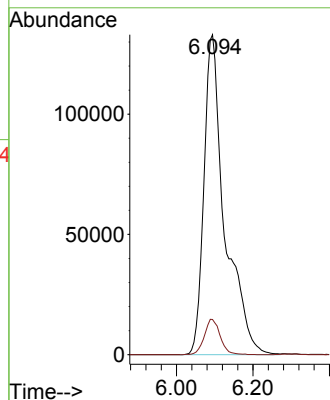
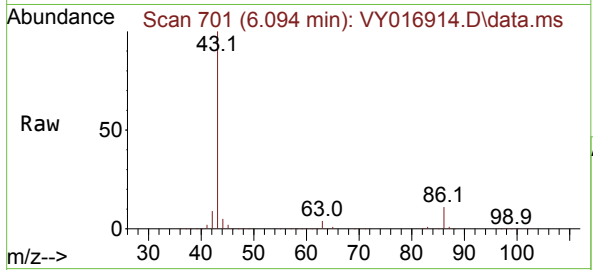




#23
 Vinyl Acetate
 Concen: 255.180 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.018 min
 Lab File: VY016914.D
 Acq: 05 Jan 2024 10:24

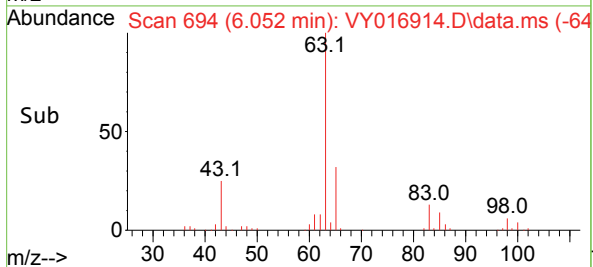
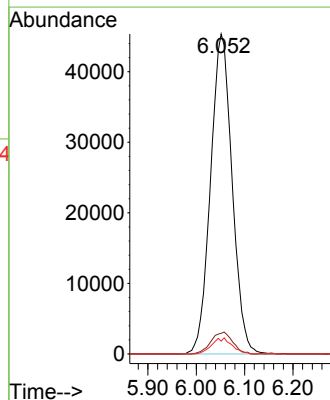
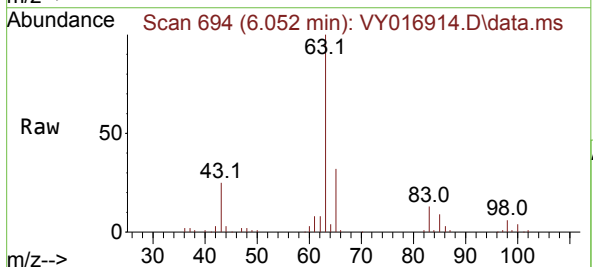
Instrument :
 MSVOA_Y
 ClientSampleId :

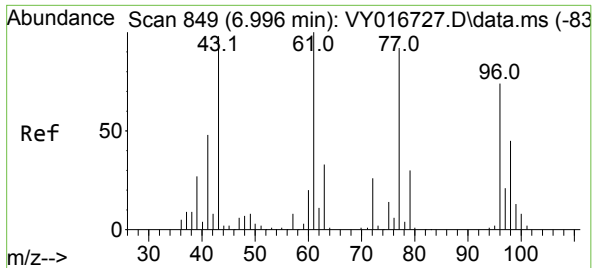
Tgt Ion: 43 Resp: 502552
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 54.412 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.019 min
 Lab File: VY016914.D
 Acq: 05 Jan 2024 10:24

Tgt Ion: 63 Resp: 140441
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 4.0 2.1 6.2





#25

2-Butanone

Concen: 264.715 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.019 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

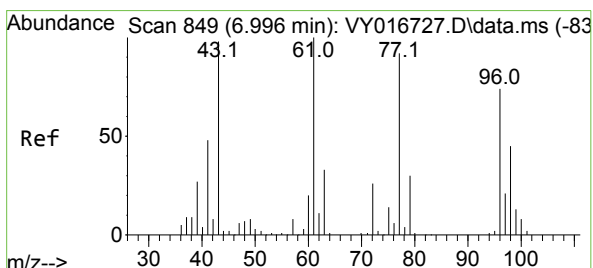
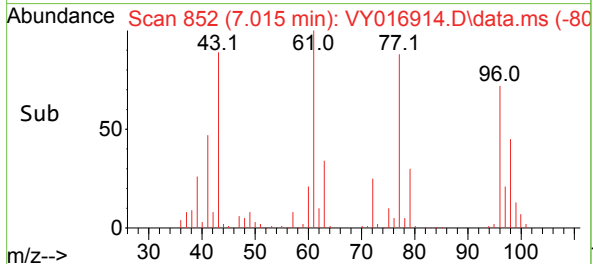
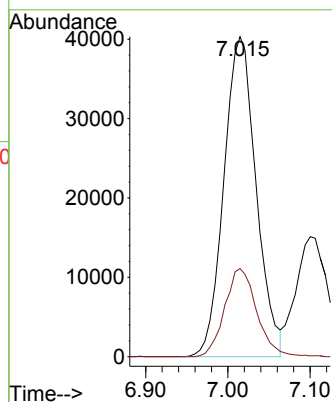
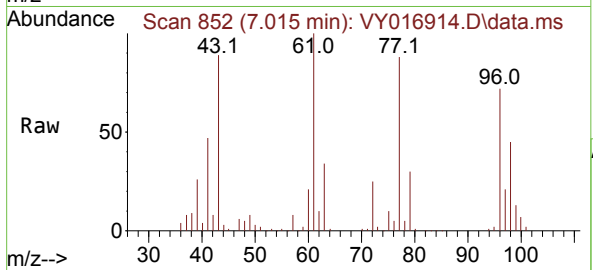
ClientSampleId :

Tgt Ion: 43 Resp: 109924

Ion Ratio Lower Upper

43 100

72 27.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 54.078 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY016914.D

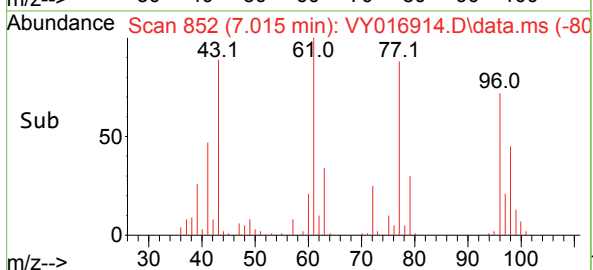
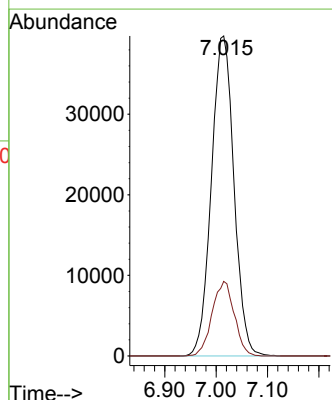
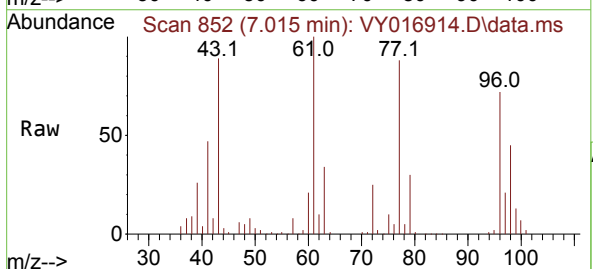
Acq: 05 Jan 2024 10:24

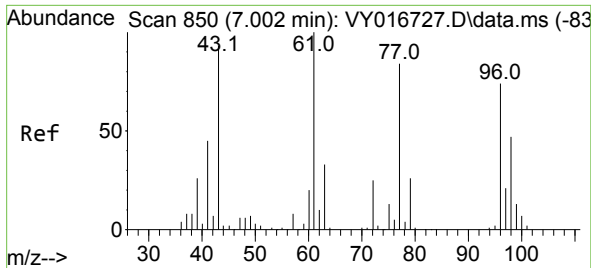
Tgt Ion: 77 Resp: 121021

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0



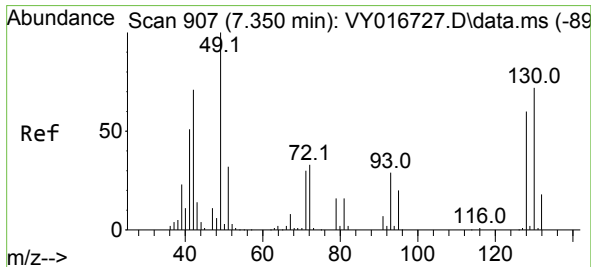
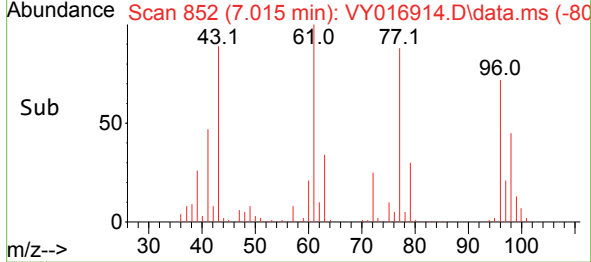
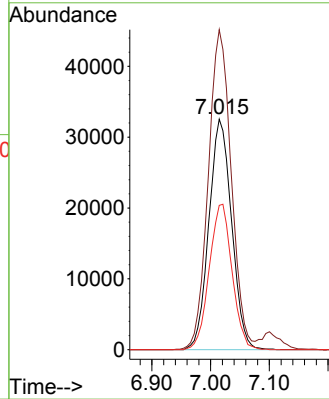
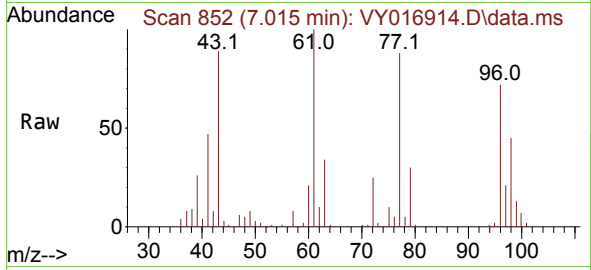


#27
 cis-1,2-Dichloroethene
 Concen: 55.489 ug/l
 RT: 7.015 min Scan# 850
 Delta R.T. 0.013 min
 Lab File: VY016914.D
 Acq: 05 Jan 2024 10:24

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 87547

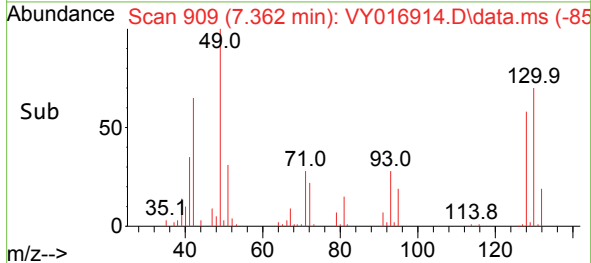
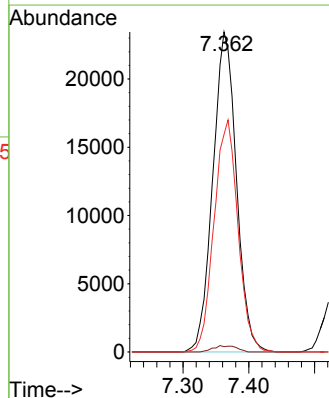
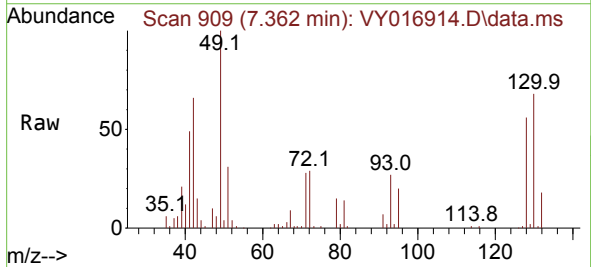
Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	278.8
98	63.3	0.0	127.0

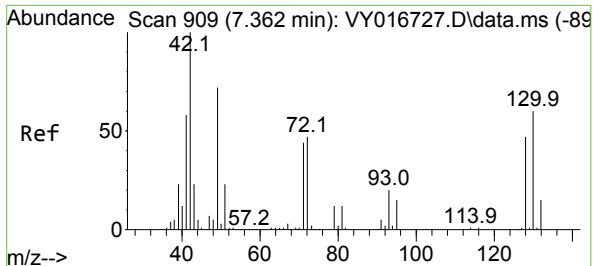


#28
 Bromochloromethane
 Concen: 60.476 ug/l
 RT: 7.362 min Scan# 909
 Delta R.T. 0.012 min
 Lab File: VY016914.D
 Acq: 05 Jan 2024 10:24

Tgt Ion: 49 Resp: 58600

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	73.4	59.8	89.8





#29

Tetrahydrofuran

Concen: 243.975 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

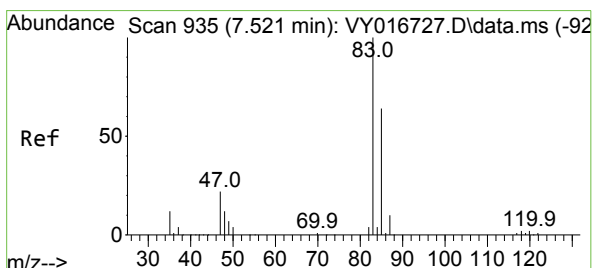
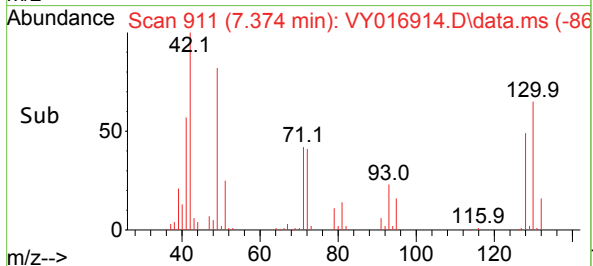
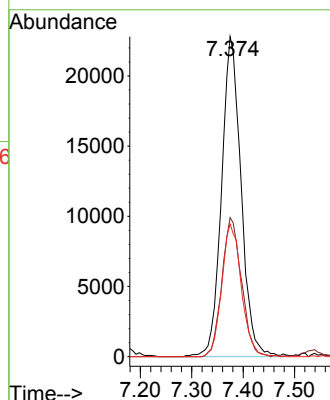
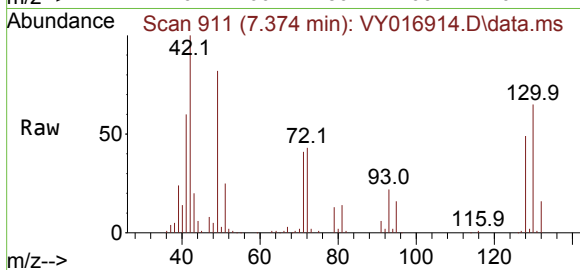
Tgt Ion: 42 Resp: 60217

Ion Ratio Lower Upper

42 100

72 43.5 36.6 54.8

71 41.6 33.8 50.6



#30

Chloroform

Concen: 54.072 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY016914.D

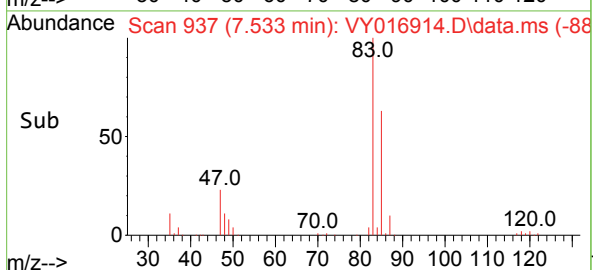
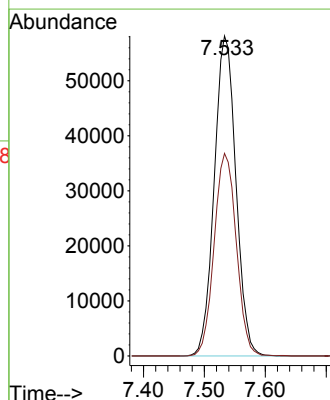
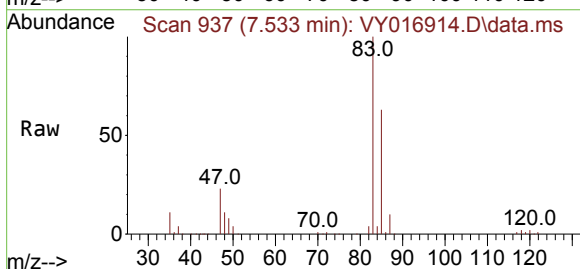
Acq: 05 Jan 2024 10:24

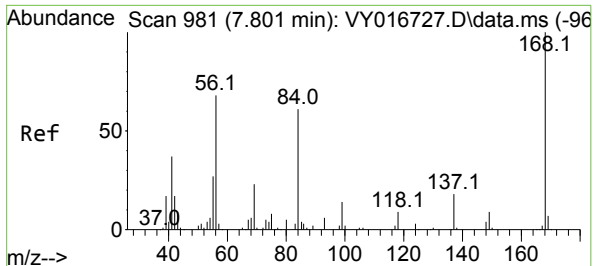
Tgt Ion: 83 Resp: 143822

Ion Ratio Lower Upper

83 100

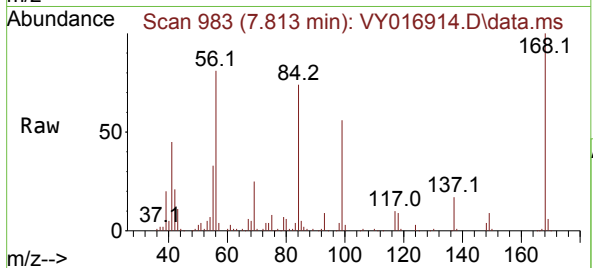
85 63.3 51.2 76.8



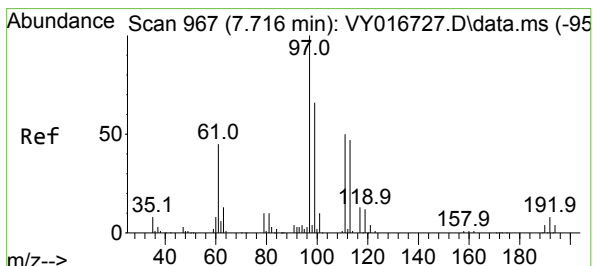
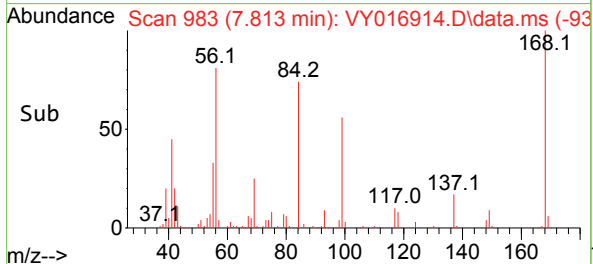
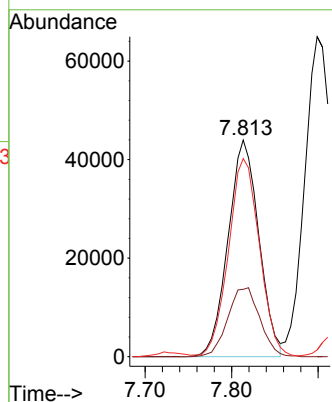


#31
Cyclohexane
Concen: 51.840 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Instrument :
MSVOA_Y
ClientSampleId :

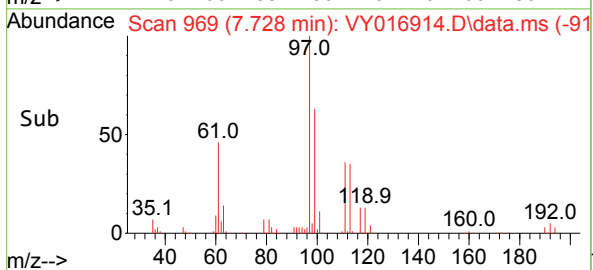
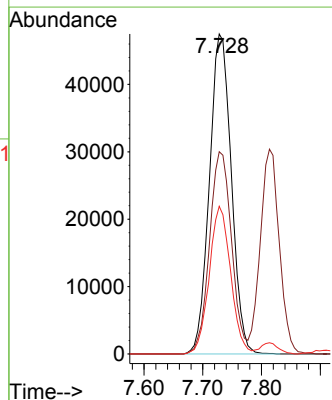
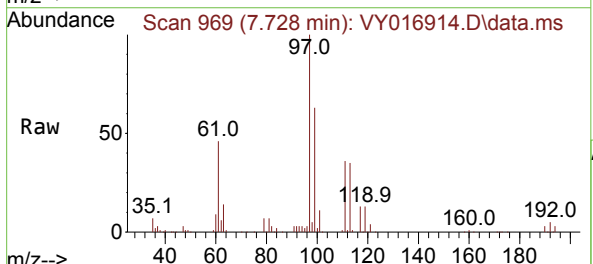


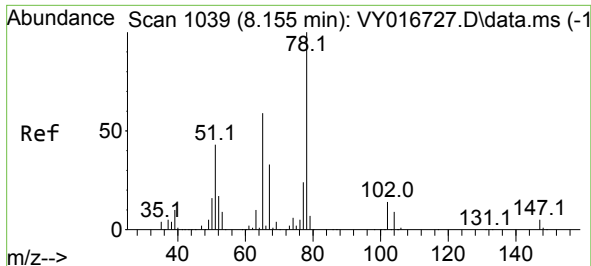
Tgt Ion: 56 Resp: 108502
Ion Ratio Lower Upper
56 100
69 31.1 27.0 40.6
84 90.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 54.552 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Tgt Ion: 97 Resp: 123029
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 45.1 35.0 52.6

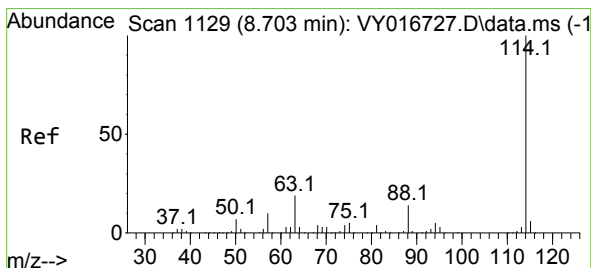
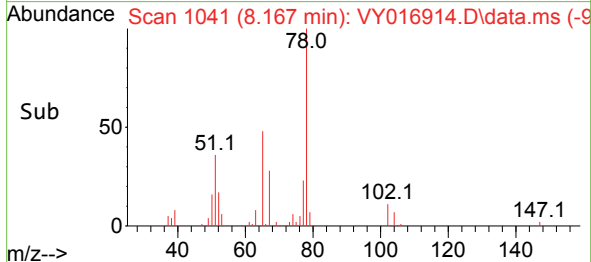
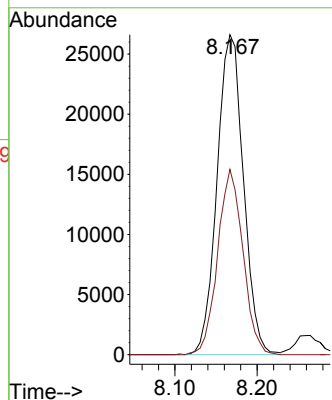
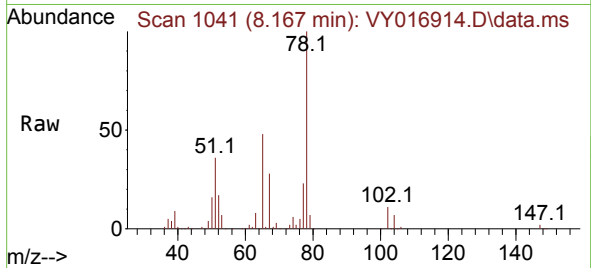




#33
 1,2-Dichloroethane-d4
 Concen: 48.713 ug/l
 RT: 8.167 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: VY016914.D
 Acq: 05 Jan 2024 10:24

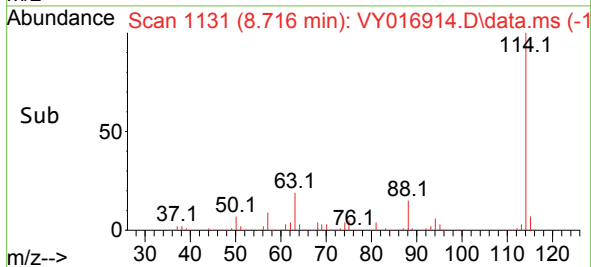
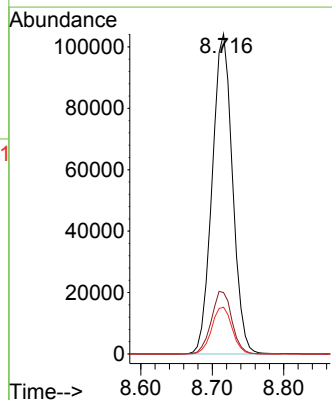
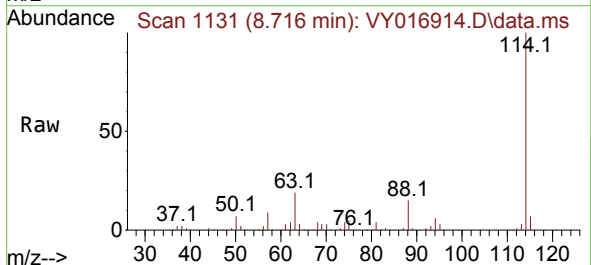
Instrument :
 MSVOA_Y
 ClientSampleId :

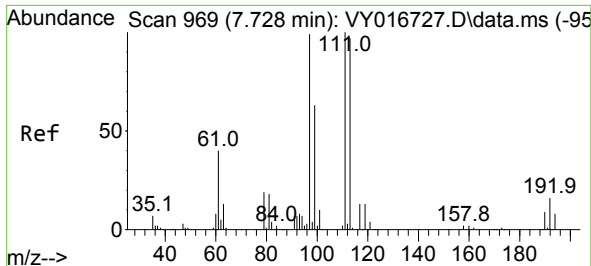
Tgt Ion: 65 Resp: 59404
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.013 min
 Lab File: VY016914.D
 Acq: 05 Jan 2024 10:24

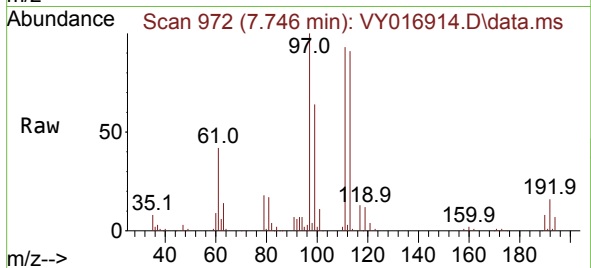
Tgt Ion:114 Resp: 205607
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 37.4
 88 14.6 0.0 29.0



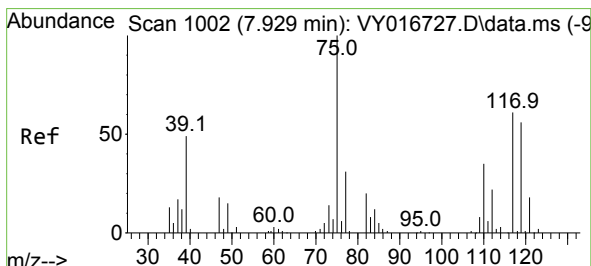
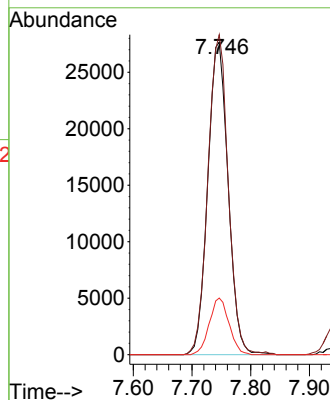
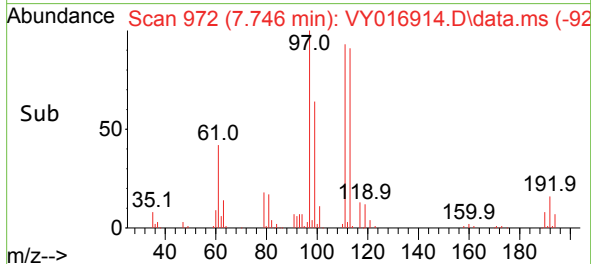


#35
Dibromofluoromethane
Concen: 50.759 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Instrument :
MSVOA_Y
ClientSampleId :

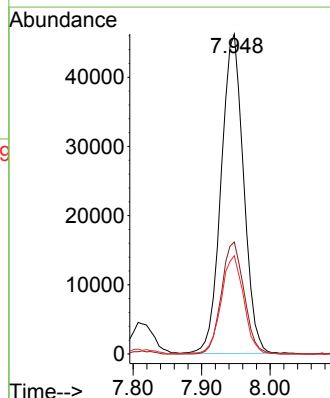
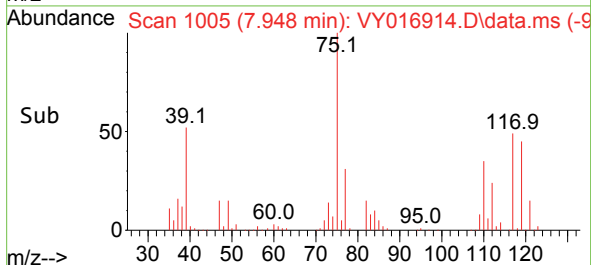
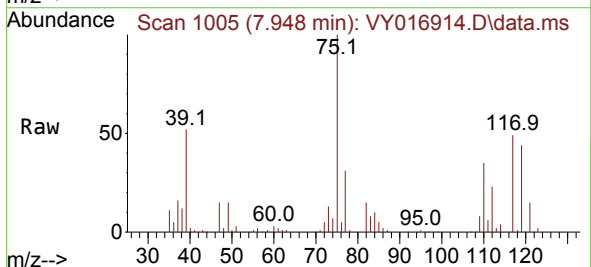


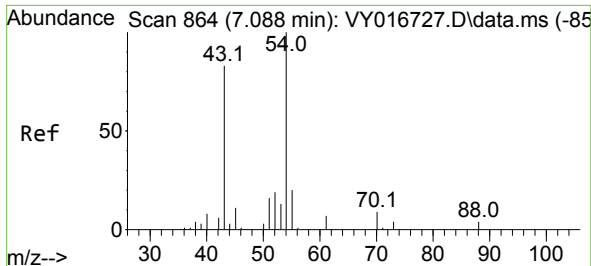
Tgt Ion:113 Resp: 66505
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 54.875 ug/l
RT: 7.948 min Scan# 1005
Delta R.T. 0.019 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Tgt Ion: 75 Resp: 104781
Ion Ratio Lower Upper
75 100
110 35.3 17.4 52.3
77 31.1 24.7 37.1





#37

Ethyl Acetate

Concen: 48.716 ug/l

RT: 7.100 min Scan# 80

Delta R.T. 0.012 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

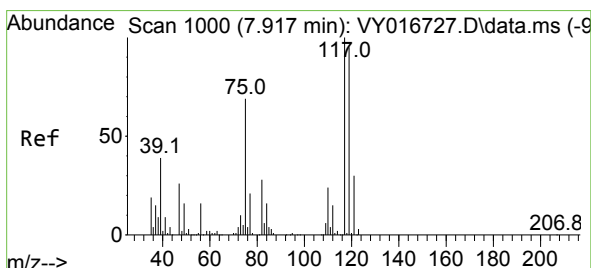
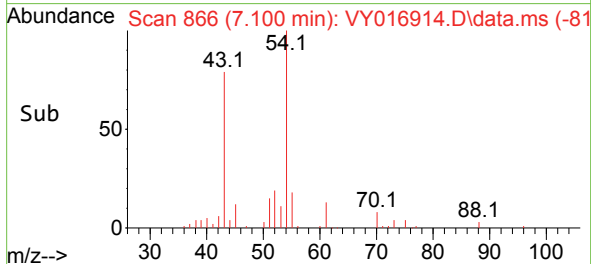
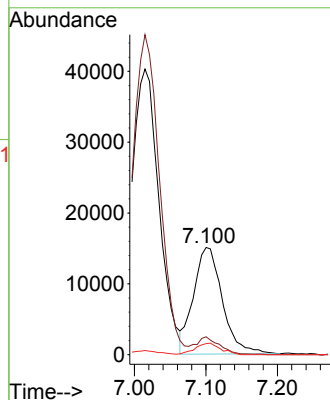
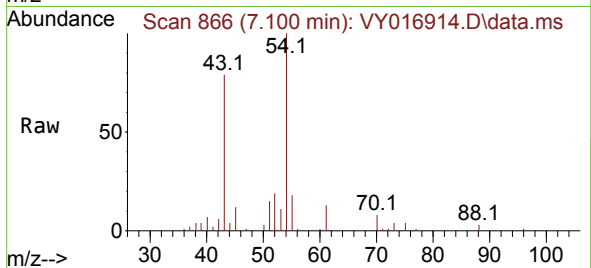
Tgt Ion: 43 Resp: 42272

Ion Ratio Lower Upper

43 100

61 13.6 11.0 16.6

70 9.6 8.1 12.1



#38

Carbon Tetrachloride

Concen: 54.907 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

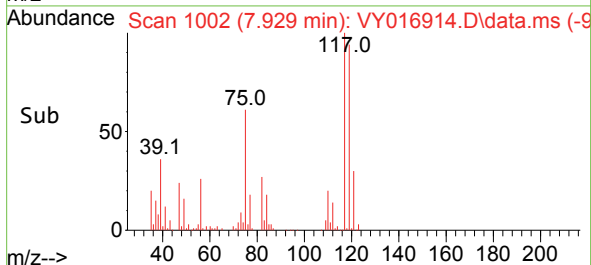
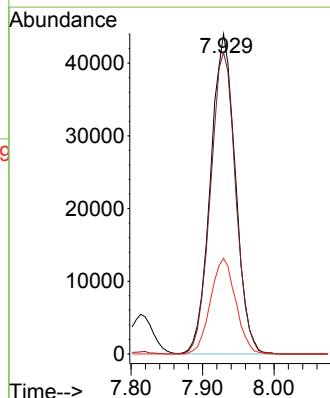
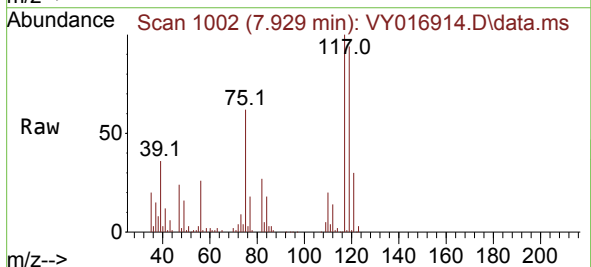
Tgt Ion: 117 Resp: 106517

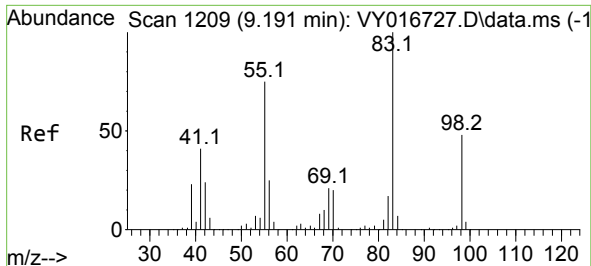
Ion Ratio Lower Upper

117 100

119 94.2 76.0 114.0

121 29.8 24.2 36.2





#39

Methylcyclohexane

Concen: 56.373 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

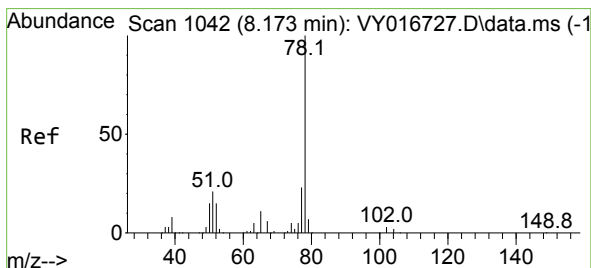
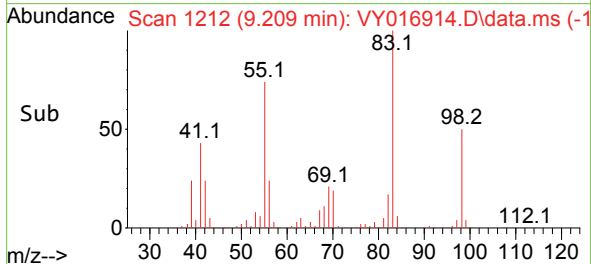
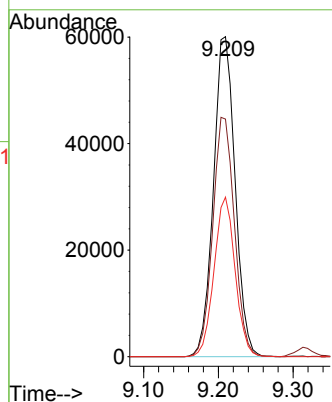
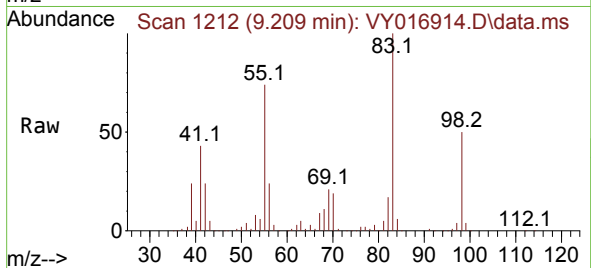
Tgt Ion: 83 Resp: 121008

Ion Ratio Lower Upper

83 100

55 74.3 59.7 89.5

98 49.9 38.0 57.0



#40

Benzene

Concen: 54.585 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016914.D

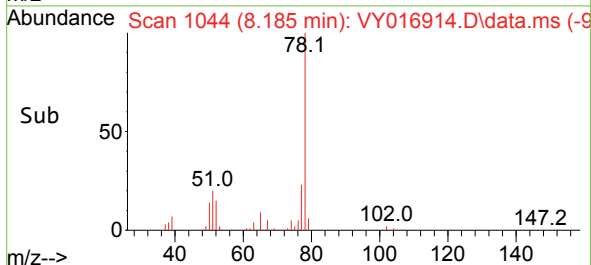
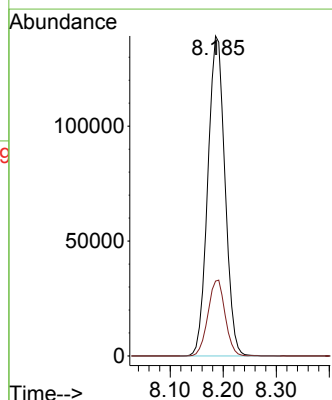
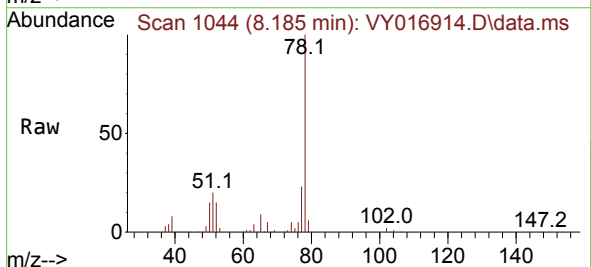
Acq: 05 Jan 2024 10:24

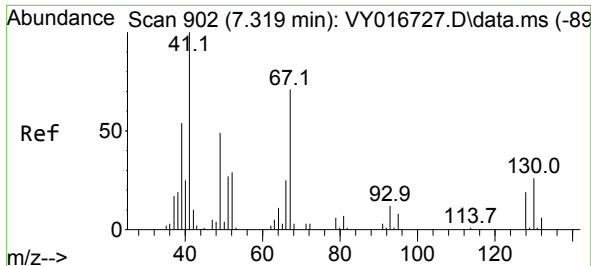
Tgt Ion: 78 Resp: 312655

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2



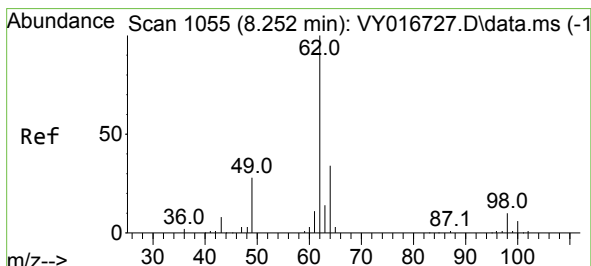
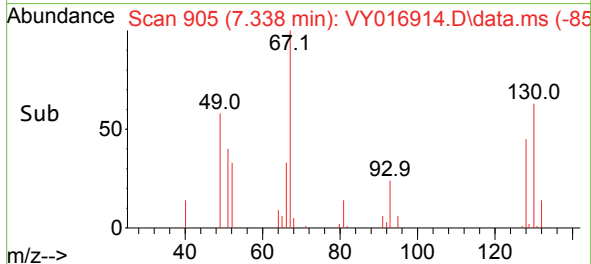
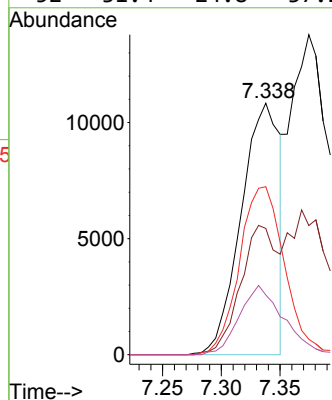
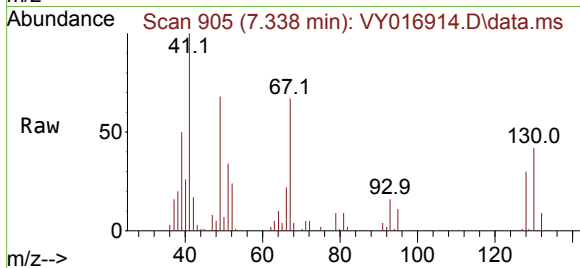


#41
Methacrylonitrile
Concen: 54.123 ug/l
RT: 7.338 min Scan# 902
Delta R.T. 0.019 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 24734

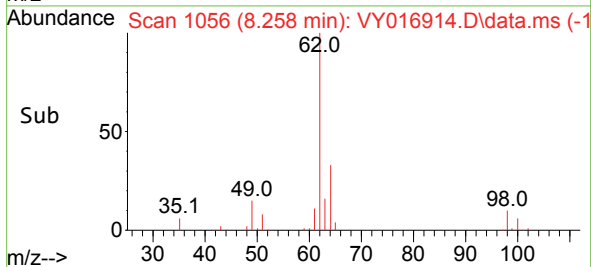
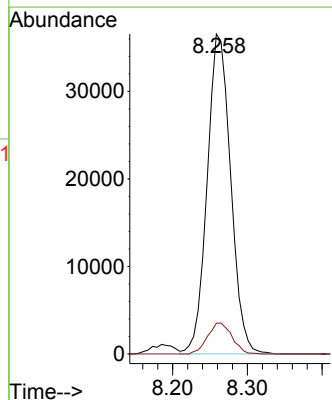
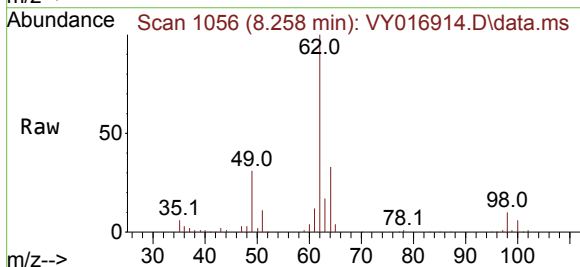
Ion	Ratio	Lower	Upper
41	100		
39	49.9	41.9	62.9
67	78.0	59.8	89.6
52	31.4	24.8	37.2

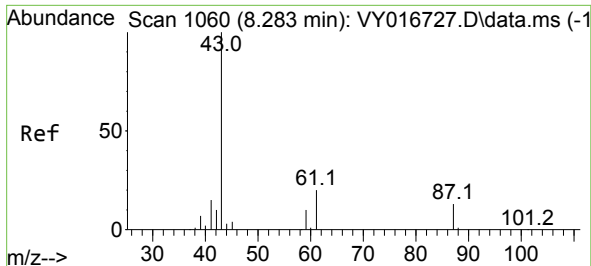


#42
1,2-Dichloroethane
Concen: 52.650 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Tgt Ion: 62 Resp: 80061

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2

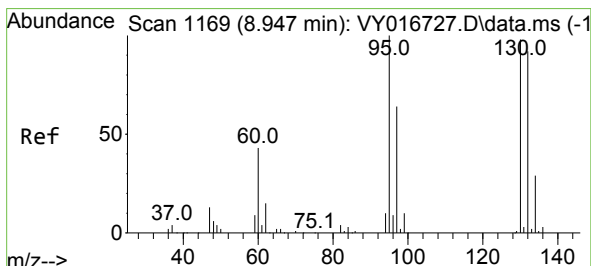
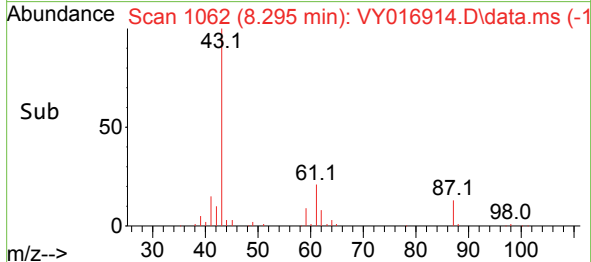
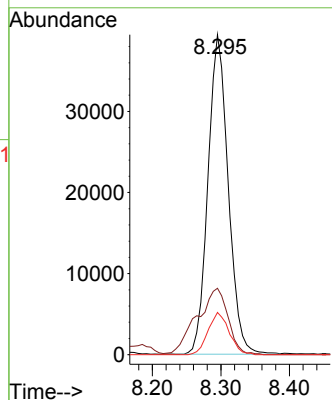
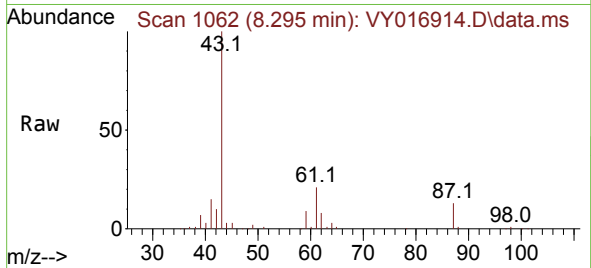




#43
Isopropyl Acetate
Concen: 48.849 ug/l
RT: 8.295 min Scan# 1172
Delta R.T. 0.012 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

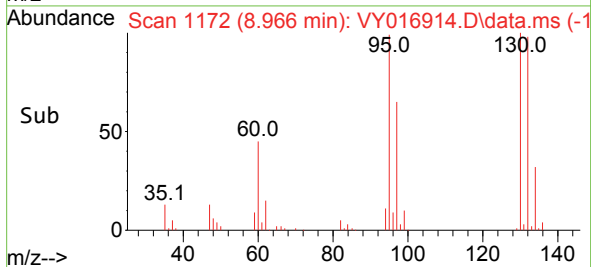
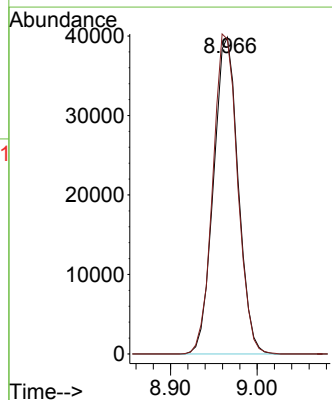
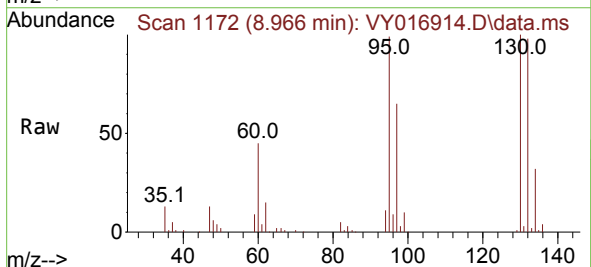
Instrument :
MSVOA_Y
ClientSampleId :

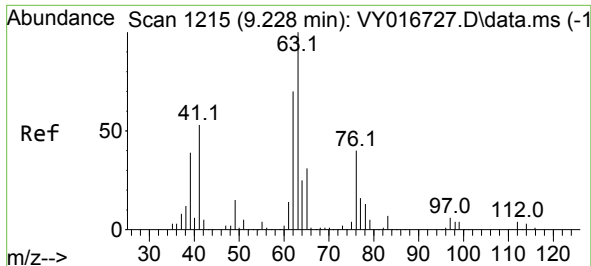
Tgt Ion: 43 Resp: 81172
Ion Ratio Lower Upper
43 100
61 31.9 24.8 37.2
87 13.7 10.7 16.1



#44
Trichloroethene
Concen: 53.927 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.019 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Tgt Ion: 130 Resp: 78599
Ion Ratio Lower Upper
130 100
95 99.4 0.0 203.8





#45

1,2-Dichloropropane

Concen: 54.195 ug/l

RT: 9.240 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

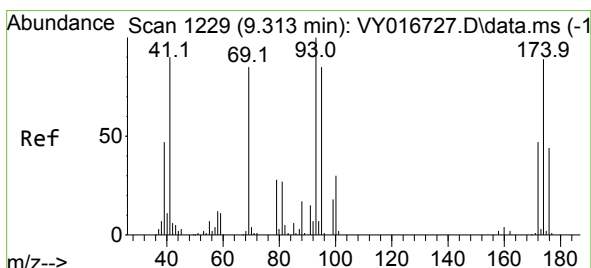
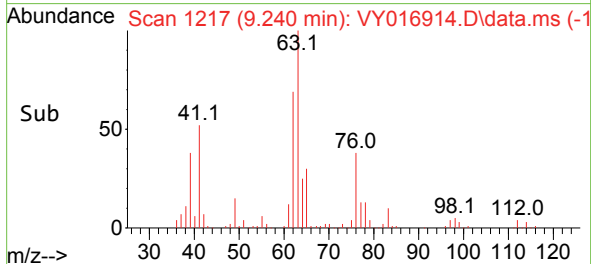
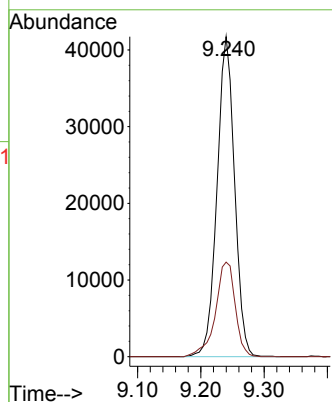
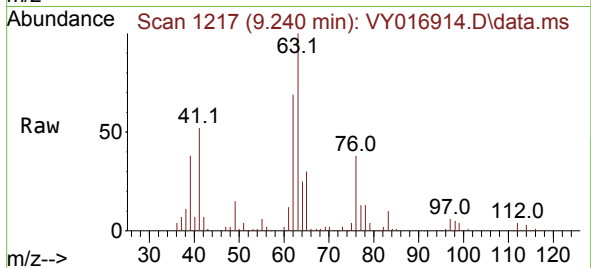
ClientSampleId :

Tgt Ion: 63 Resp: 79972

Ion Ratio Lower Upper

63 100

65 29.6 24.6 36.8



#46

Dibromomethane

Concen: 51.618 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

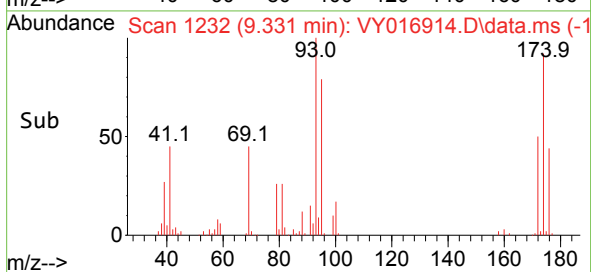
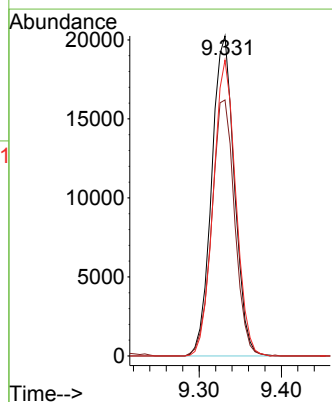
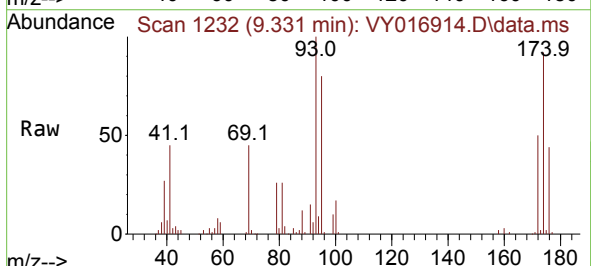
Tgt Ion: 93 Resp: 38847

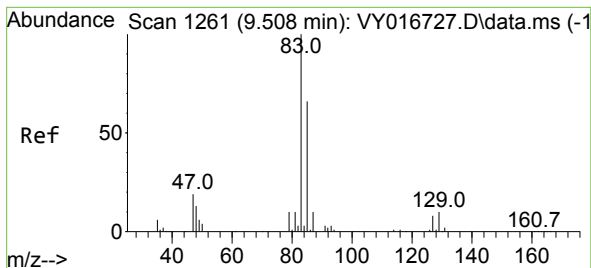
Ion Ratio Lower Upper

93 100

95 80.7 66.6 99.8

174 91.6 73.8 110.6





#47

Bromodichloromethane

Concen: 53.667 ug/l

RT: 9.520 min Scan# 1263

Delta R.T. 0.012 min

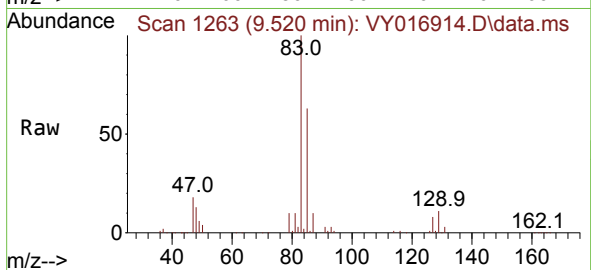
Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :



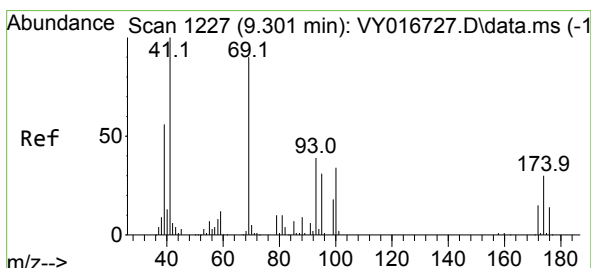
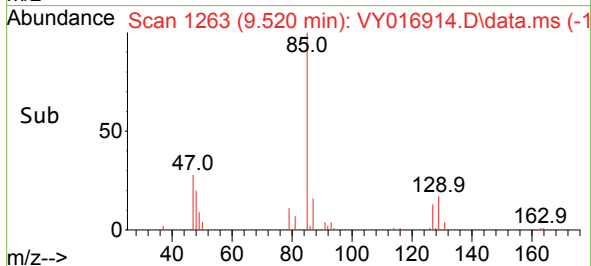
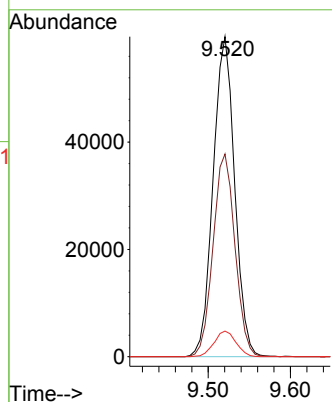
Tgt Ion: 83 Resp: 108456

Ion Ratio Lower Upper

83 100

85 63.4 53.2 79.8

127 8.0 6.4 9.6



#48

Methyl methacrylate

Concen: 50.823 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

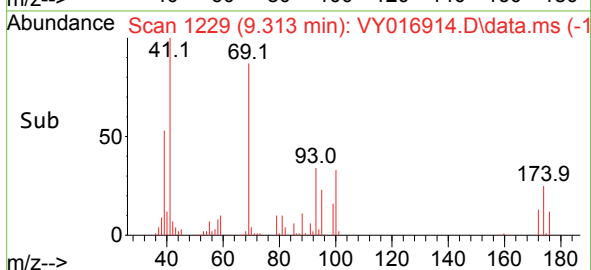
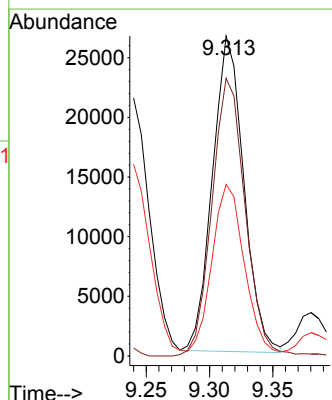
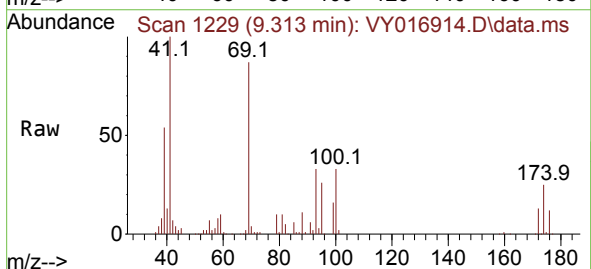
Tgt Ion: 41 Resp: 45576

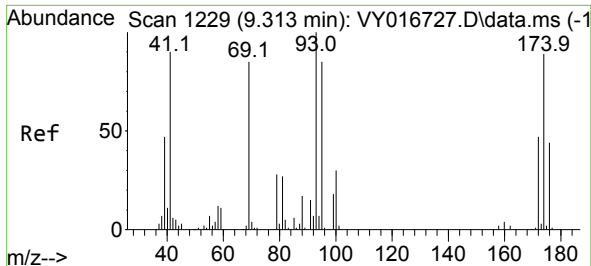
Ion Ratio Lower Upper

41 100

69 93.5 72.1 108.1

39 53.8 42.8 64.2





#49

1,4-Dioxane

Concen: 969.660 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

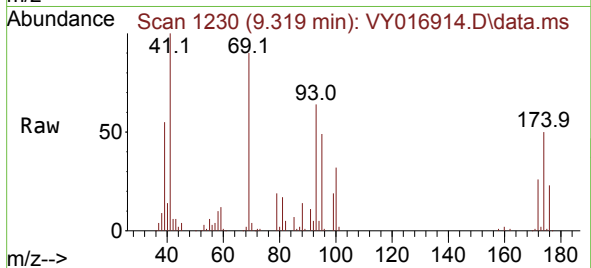
Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :



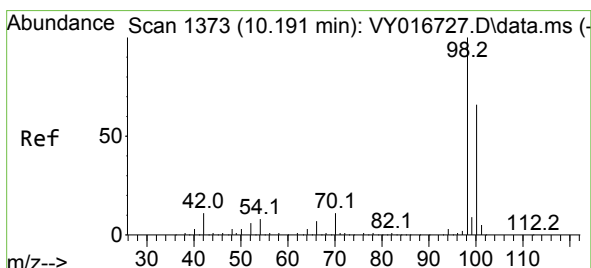
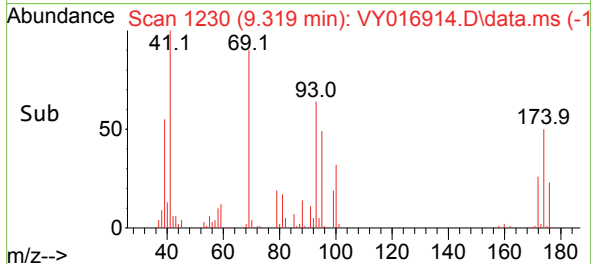
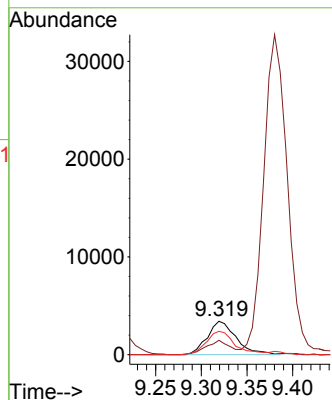
Tgt Ion: 88 Resp: 7556

Ion Ratio Lower Upper

88 100

43 37.0 28.2 42.4

58 69.4 52.2 78.2



#50

Toluene-d8

Concen: 52.235 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016914.D

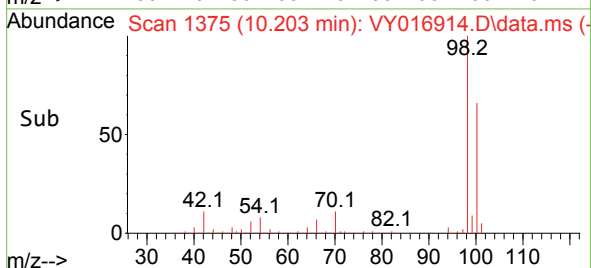
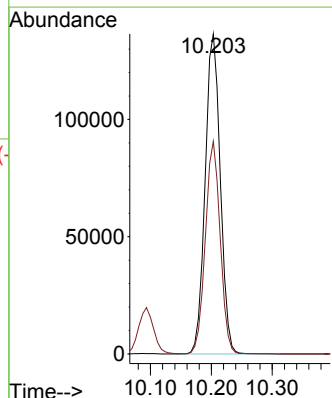
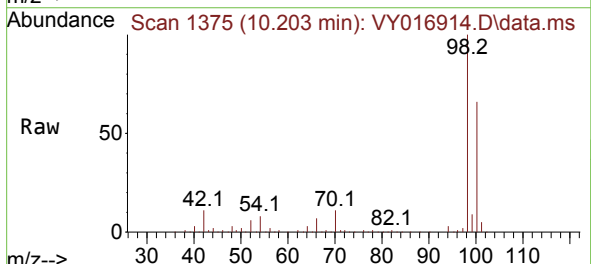
Acq: 05 Jan 2024 10:24

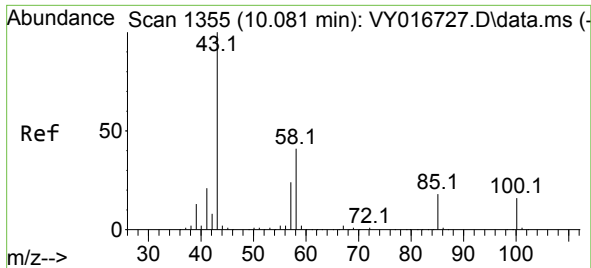
Tgt Ion: 98 Resp: 235667

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 248.166 ug/l

RT: 10.093 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

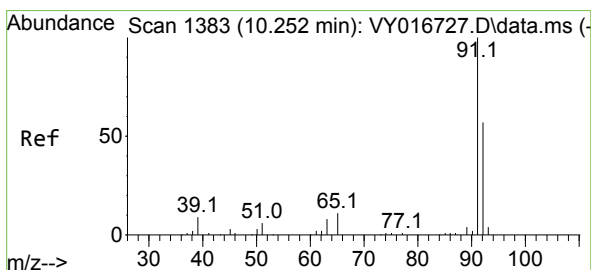
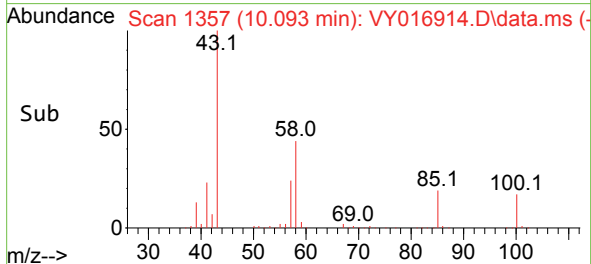
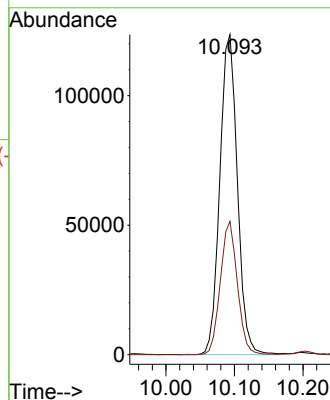
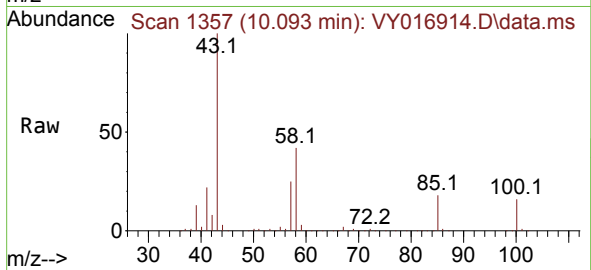
ClientSampleId :

Tgt Ion: 43 Resp: 219307

Ion Ratio Lower Upper

43 100

58 40.4 32.2 48.2



#52

Toluene

Concen: 56.187 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY016914.D

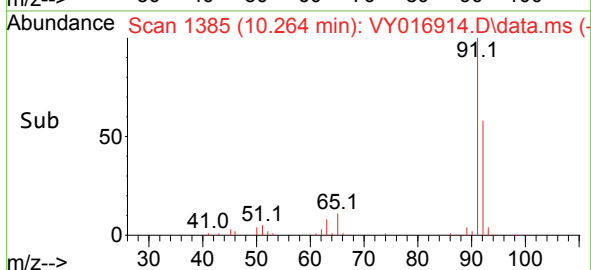
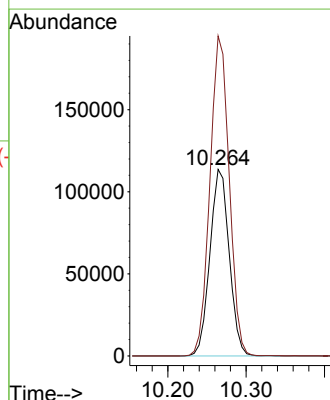
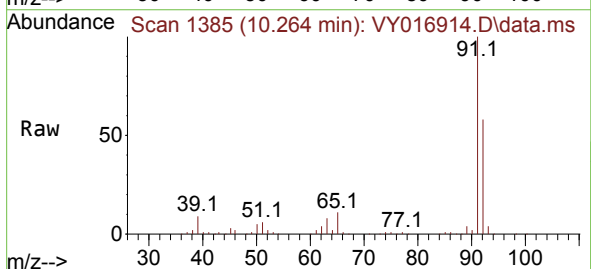
Acq: 05 Jan 2024 10:24

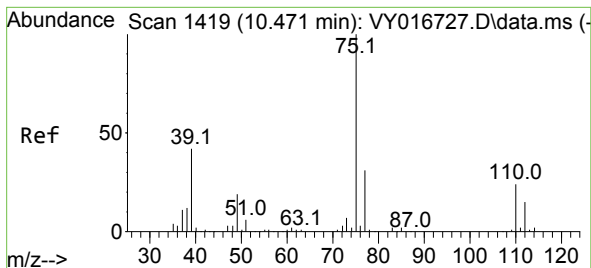
Tgt Ion: 92 Resp: 194228

Ion Ratio Lower Upper

92 100

91 171.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 53.417 ug/l

RT: 10.484 min Scan# 1419

Delta R.T. 0.013 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

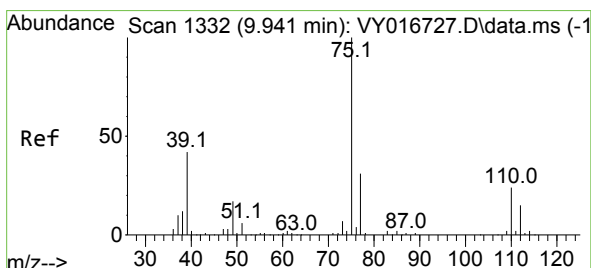
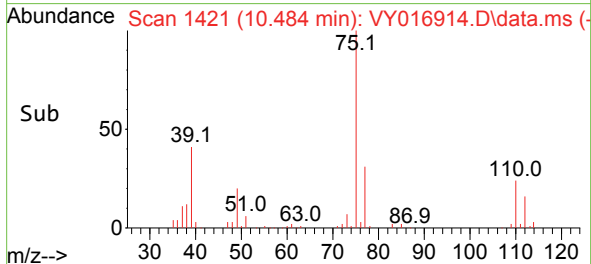
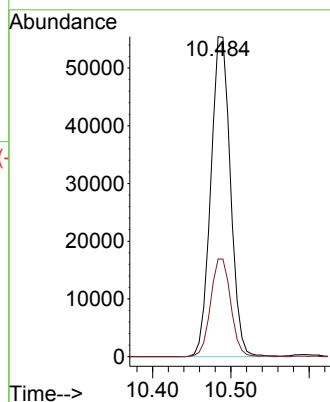
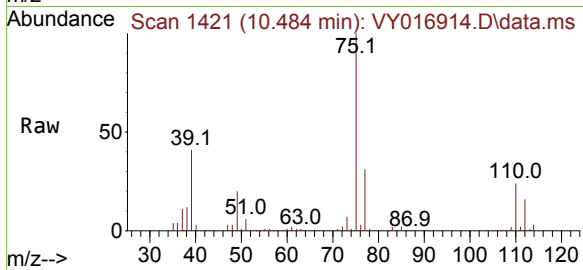
ClientSampleId :

Tgt Ion: 75 Resp: 96695

Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 54.253 ug/l

RT: 9.953 min Scan# 1334

Delta R.T. 0.012 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

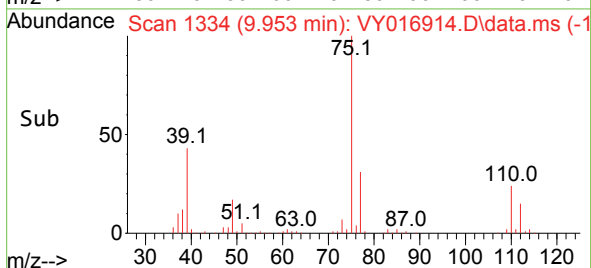
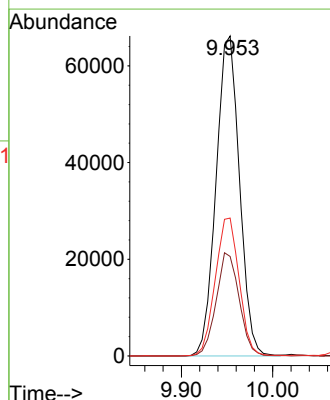
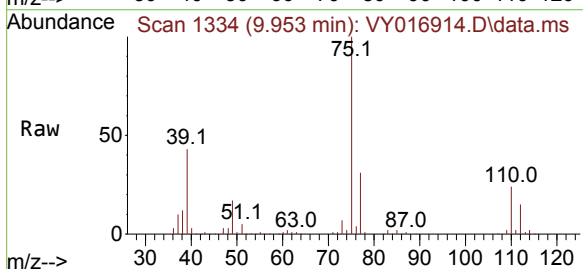
Tgt Ion: 75 Resp: 117941

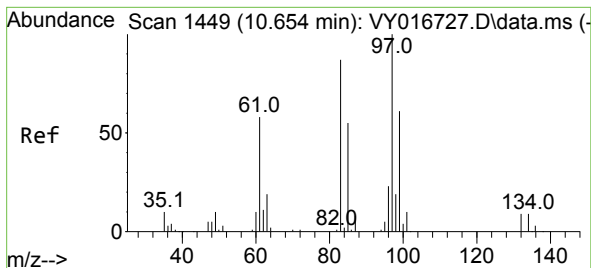
Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

39 43.1 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 51.335 ug/l

RT: 10.667 min Scan# 1449

Delta R.T. 0.013 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 56441

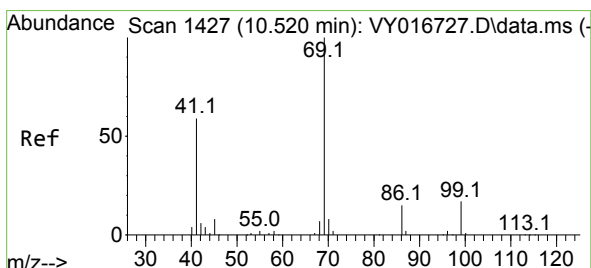
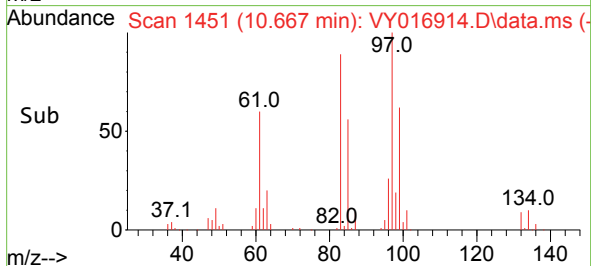
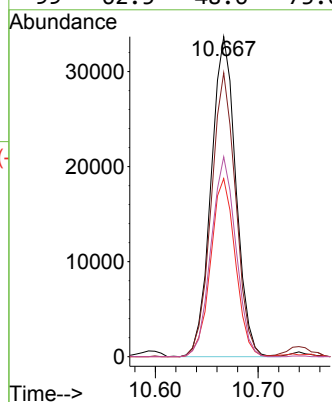
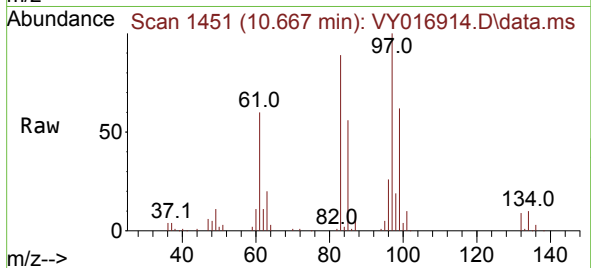
Ion Ratio Lower Upper

97 100

83 88.7 69.4 104.2

85 55.6 43.9 65.9

99 62.5 48.6 73.0



#56

Ethyl methacrylate

Concen: 52.633 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

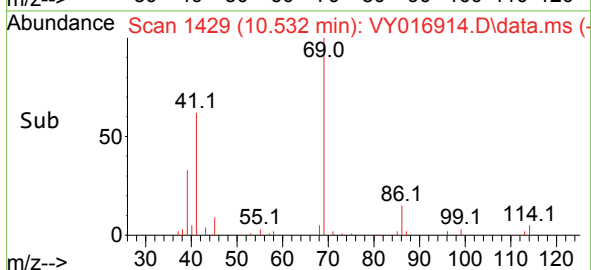
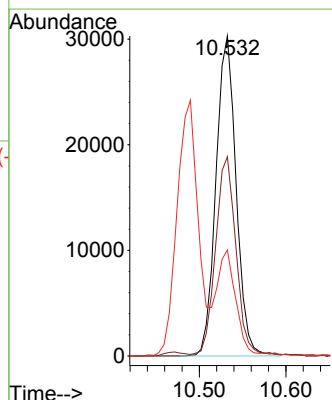
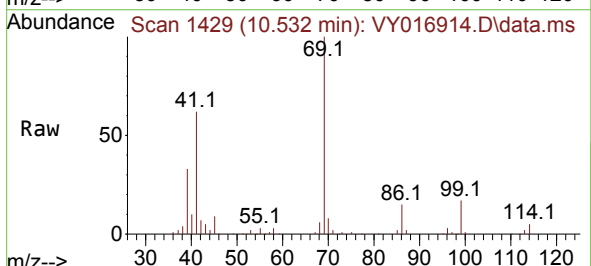
Tgt Ion: 69 Resp: 49015

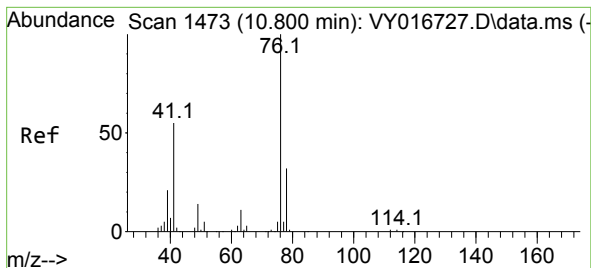
Ion Ratio Lower Upper

69 100

41 62.8 49.2 73.8

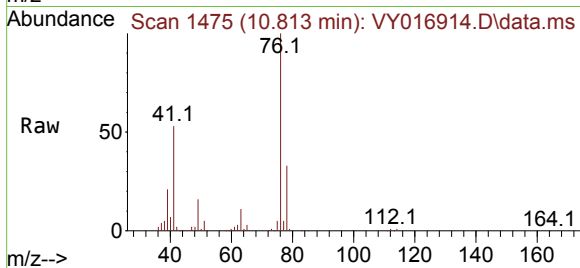
39 30.6 26.8 40.2



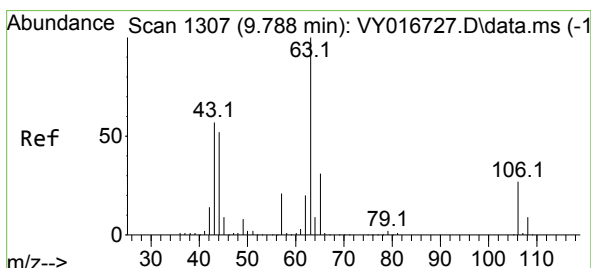
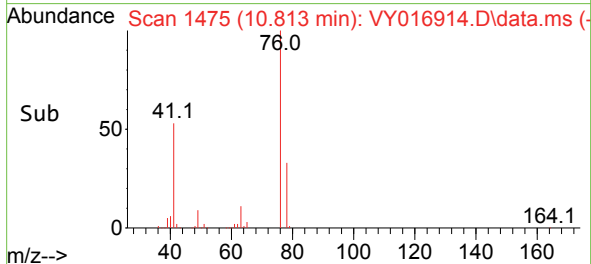
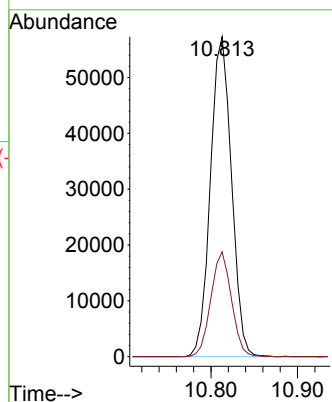


#57
1,3-Dichloropropane
Concen: 52.789 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. 0.013 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Instrument :
MSVOA_Y
ClientSampleId :

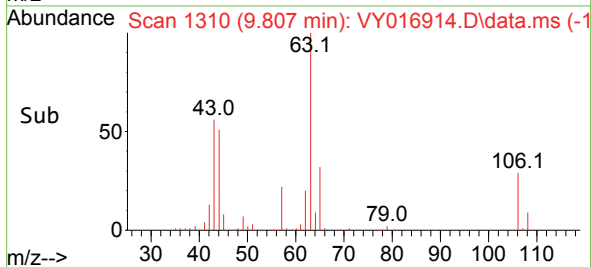
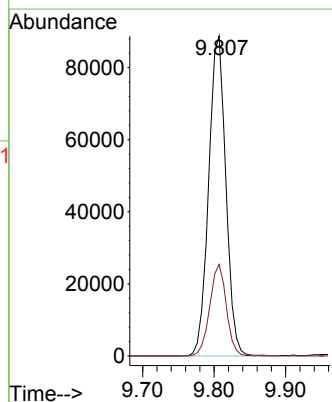
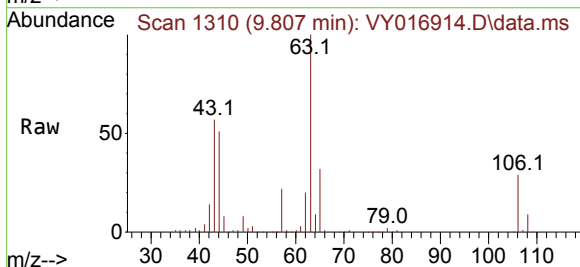


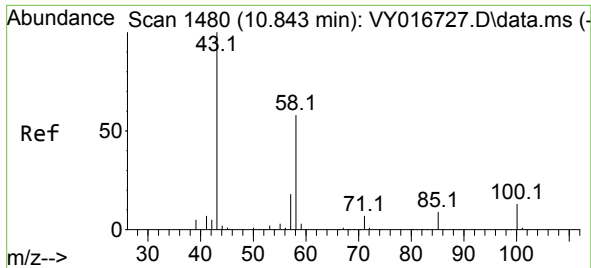
Tgt Ion: 76 Resp: 96903
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 252.438 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.019 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Tgt Ion: 63 Resp: 148036
Ion Ratio Lower Upper
63 100
106 27.6 22.4 33.6

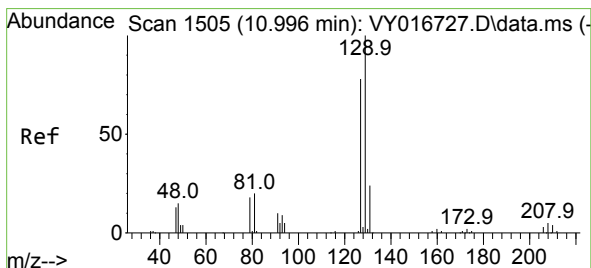
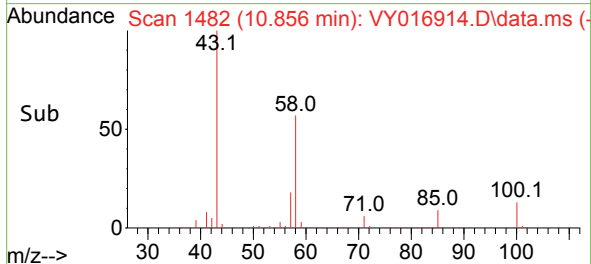
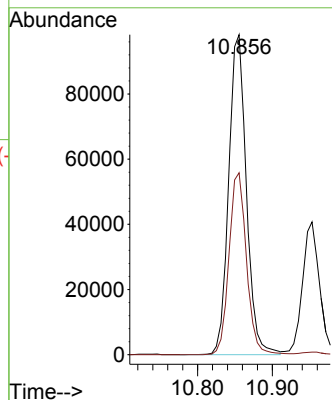
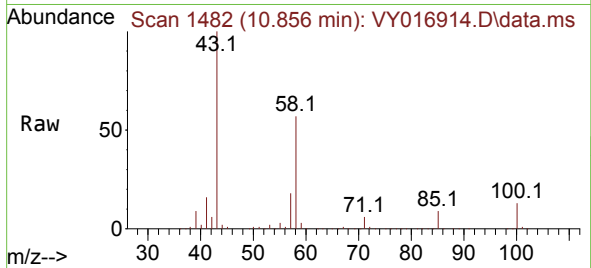




#59
2-Hexanone
Concen: 248.104 ug/l
RT: 10.856 min Scan# 1482
Delta R.T. 0.013 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

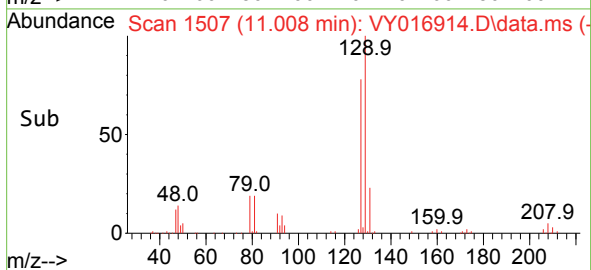
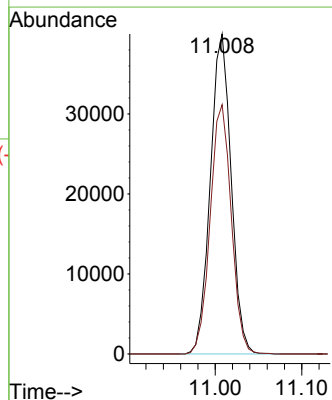
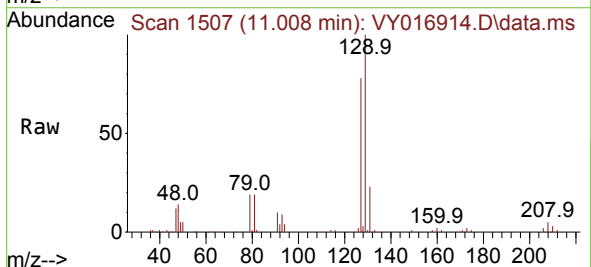
Instrument :
MSVOA_Y
ClientSampleId :

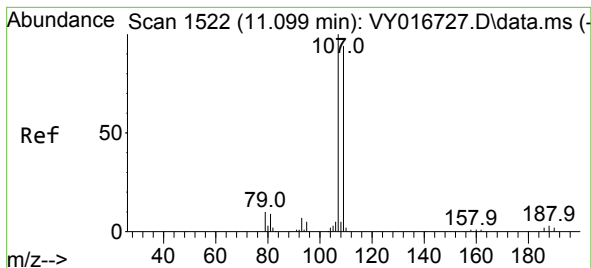
Tgt Ion: 43 Resp: 161442
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.3



#60
Dibromochloromethane
Concen: 52.647 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Tgt Ion:129 Resp: 66752
Ion Ratio Lower Upper
129 100
127 78.9 39.2 117.6





#61

1,2-Dibromoethane

Concen: 53.096 ug/l

RT: 11.112 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

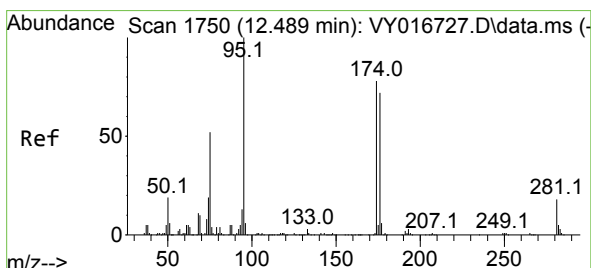
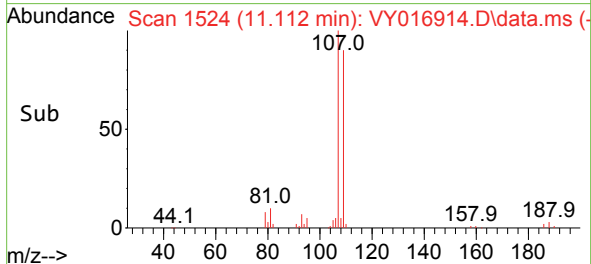
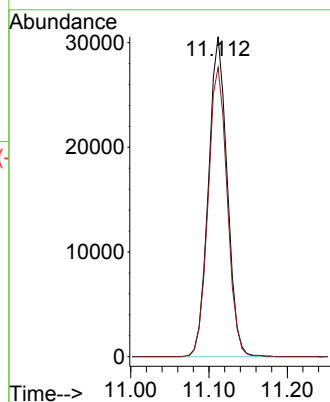
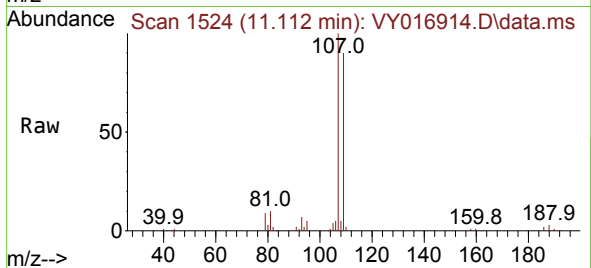
ClientSampleId :

Tgt Ion:107 Resp: 50720

Ion Ratio Lower Upper

107 100

109 92.3 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 49.335 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.013 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

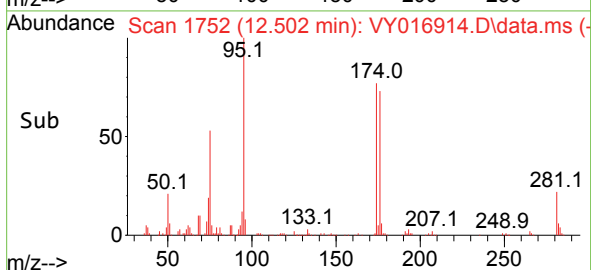
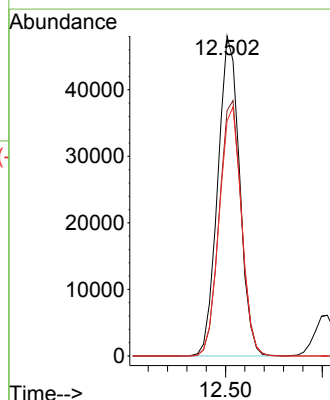
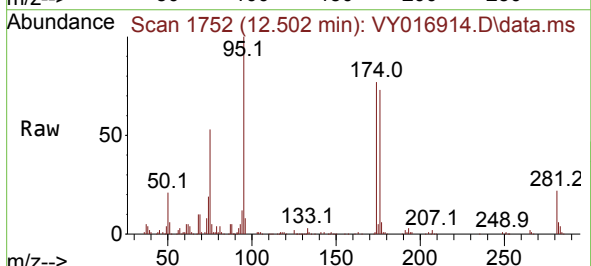
Tgt Ion: 95 Resp: 75097

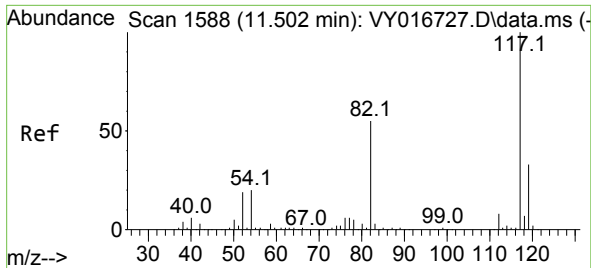
Ion Ratio Lower Upper

95 100

174 80.8 0.0 160.0

176 79.5 0.0 151.8

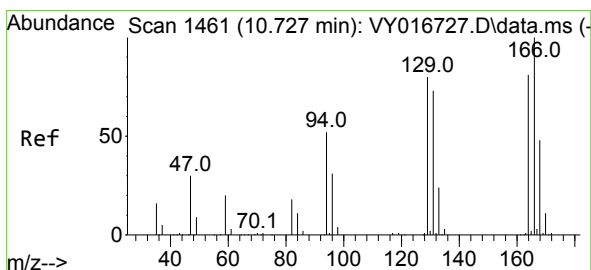
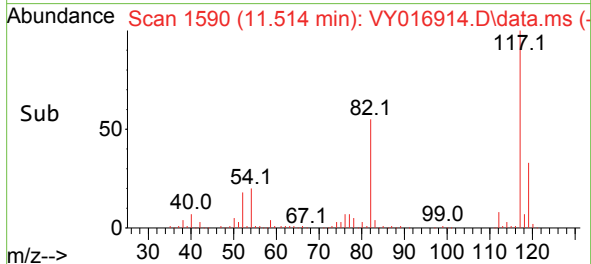
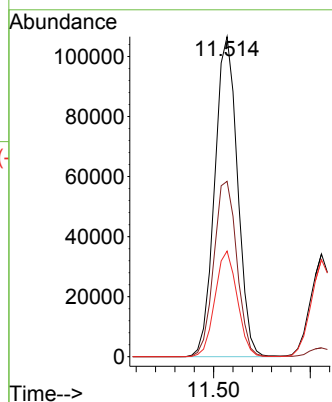
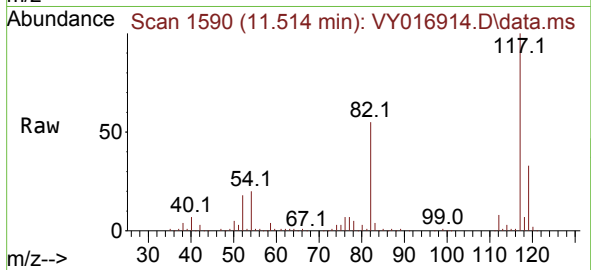




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

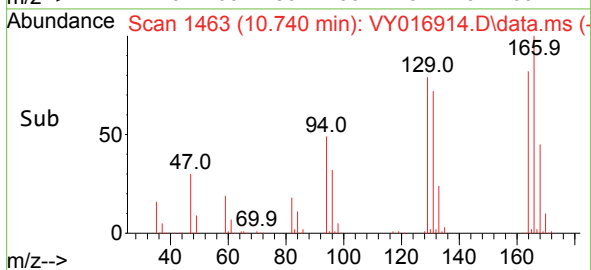
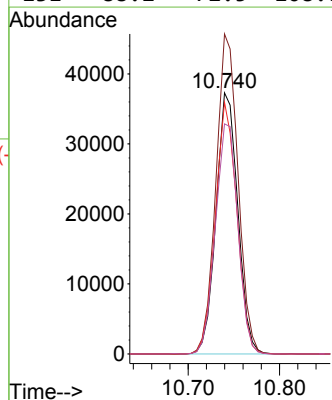
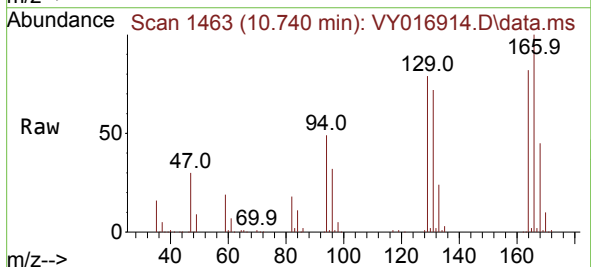
Instrument :
MSVOA_Y
ClientSampleId :

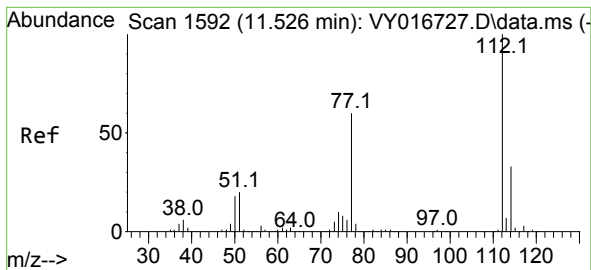
Tgt Ion:117 Resp: 174404
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 33.0 26.5 39.7



#64
Tetrachloroethene
Concen: 54.565 ug/l
RT: 10.740 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Tgt Ion:164 Resp: 61696
Ion Ratio Lower Upper
164 100
166 122.6 98.8 148.2
129 96.4 78.9 118.3
131 88.2 72.5 108.7

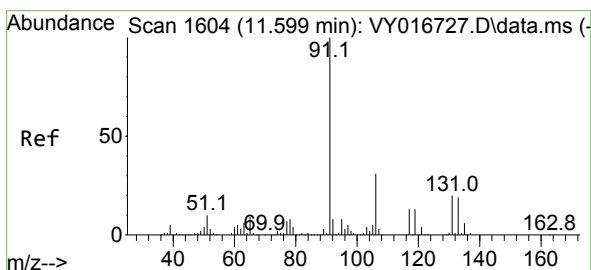
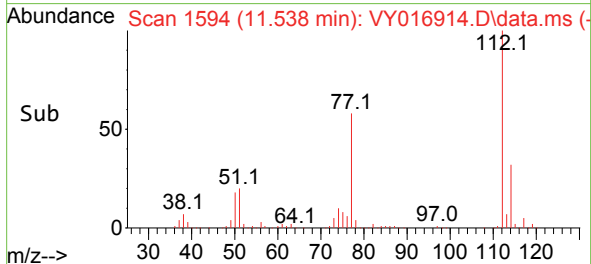
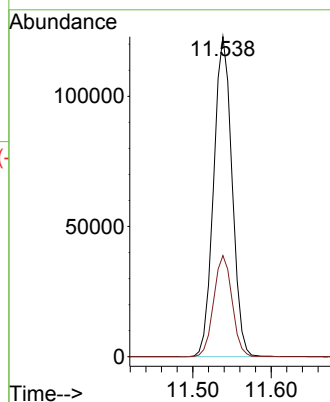
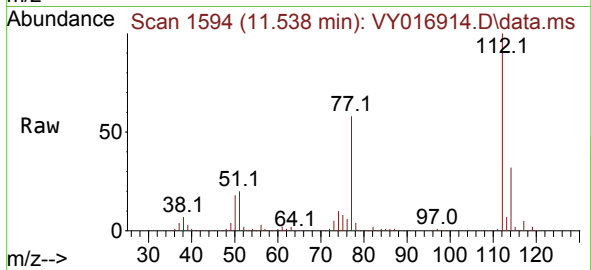




#65
Chlorobenzene
Concen: 55.149 ug/l
RT: 11.538 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

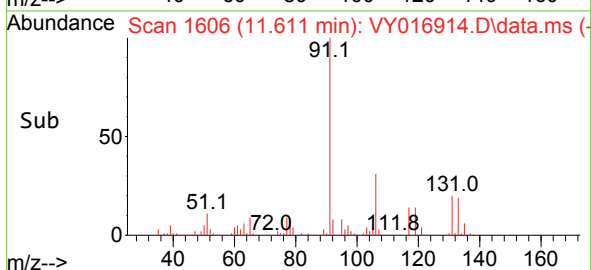
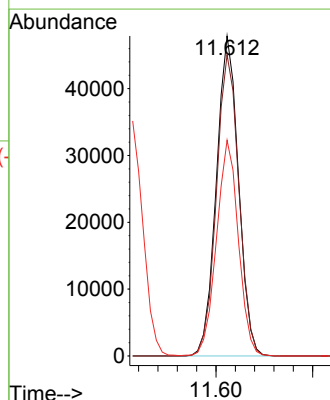
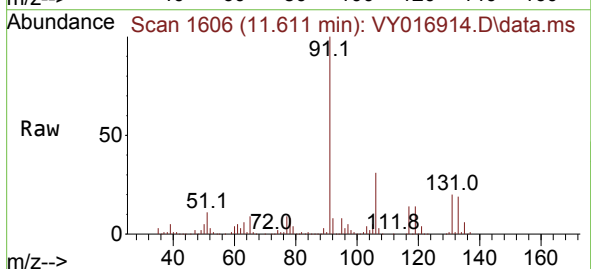
Instrument :
MSVOA_Y
ClientSampleId :

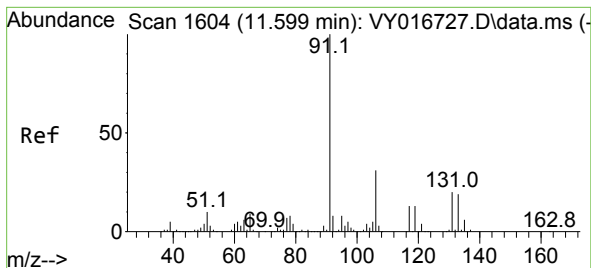
Tgt Ion:112 Resp: 200365
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 54.962 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Tgt Ion:131 Resp: 75908
Ion Ratio Lower Upper
131 100
133 95.4 47.0 141.0
119 66.7 33.3 99.9





#67

Ethyl Benzene

Concen: 57.103 ug/l

RT: 11.618 min Scan# 1

Delta R.T. 0.019 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

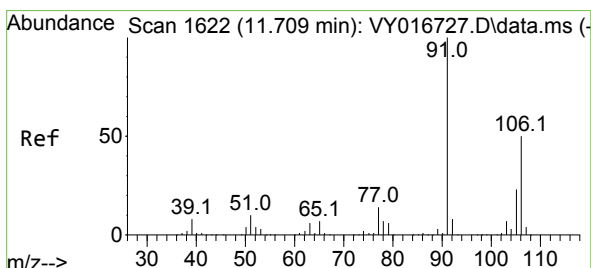
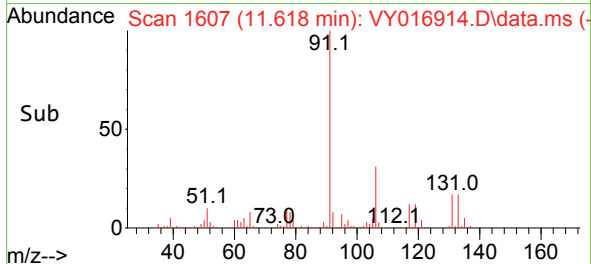
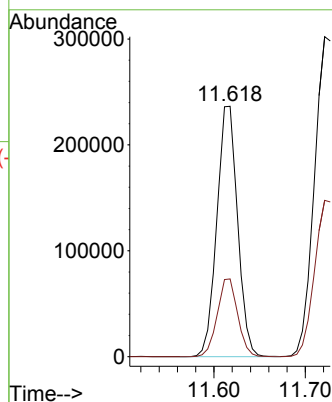
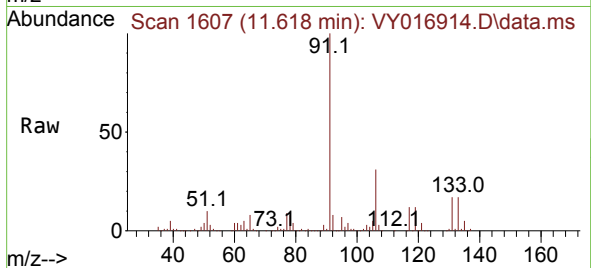
ClientSampleId :

Tgt Ion: 91 Resp: 373503

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.4



#68

m/p-Xylenes

Concen: 114.364 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016914.D

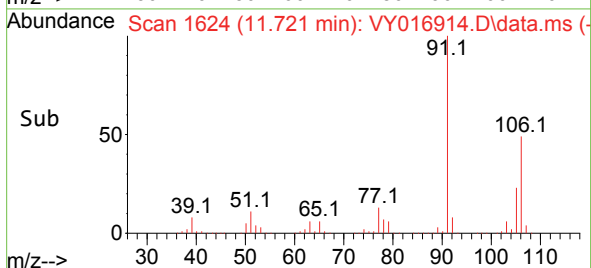
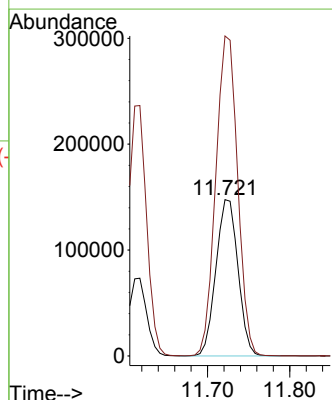
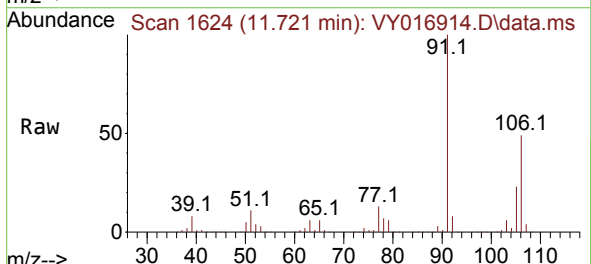
Acq: 05 Jan 2024 10:24

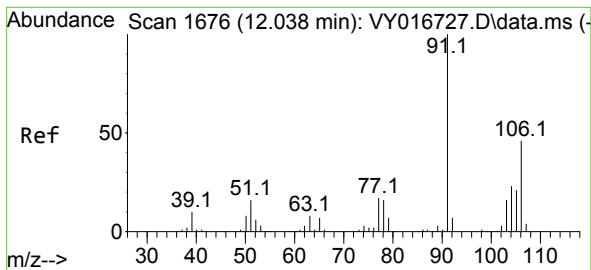
Tgt Ion:106 Resp: 274579

Ion Ratio Lower Upper

106 100

91 203.3 160.7 241.1





#69

o-Xylene

Concen: 57.504 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

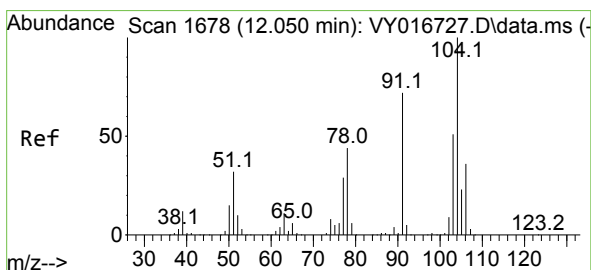
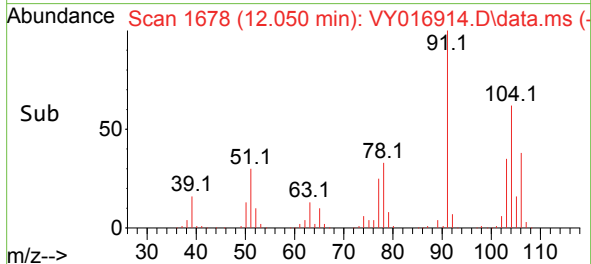
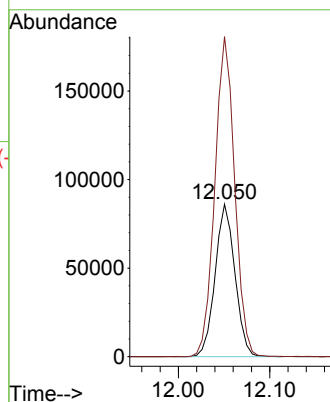
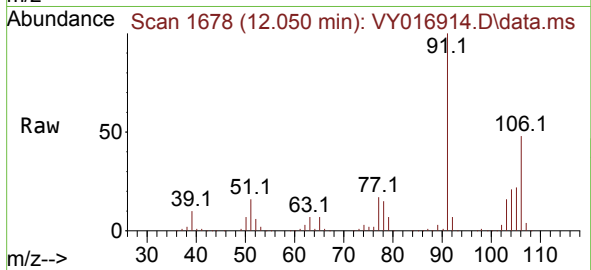
ClientSampleId :

Tgt Ion:106 Resp: 129429

Ion Ratio Lower Upper

106 100

91 210.6 106.5 319.5



#70

Styrene

Concen: 57.483 ug/l

RT: 12.069 min Scan# 1681

Delta R.T. 0.019 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

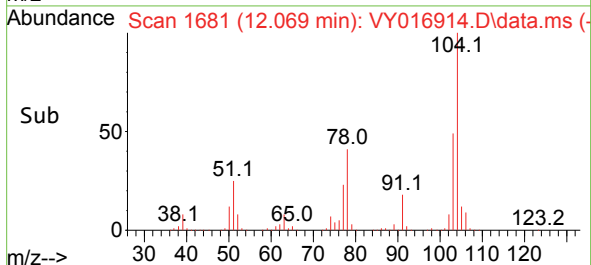
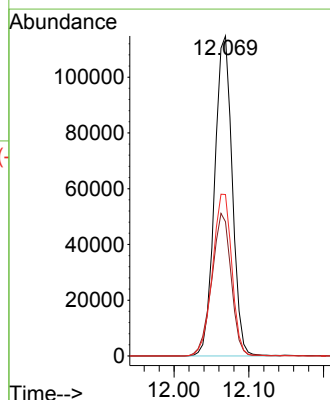
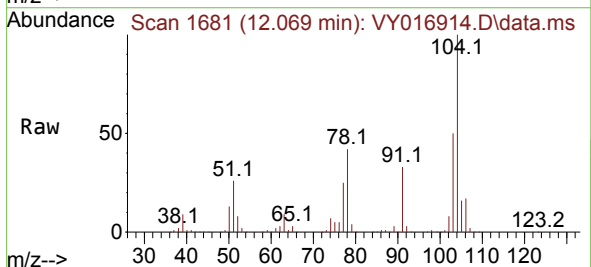
Tgt Ion:104 Resp: 188307

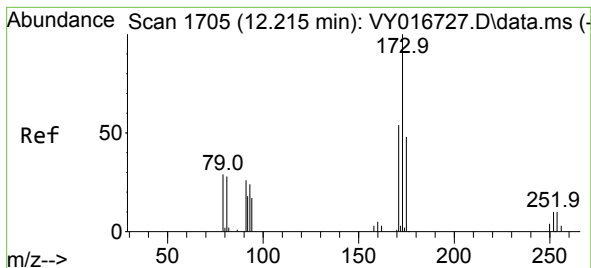
Ion Ratio Lower Upper

104 100

78 49.0 39.2 58.8

103 55.6 43.8 65.6





#71

Bromoform

Concen: 52.057 ug/l

RT: 12.227 min Scan# 1

Delta R.T. 0.012 min

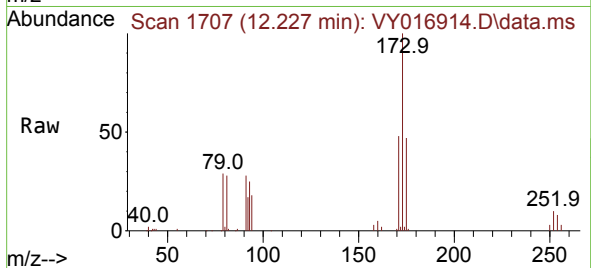
Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :



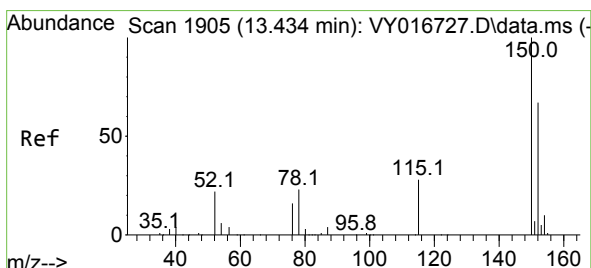
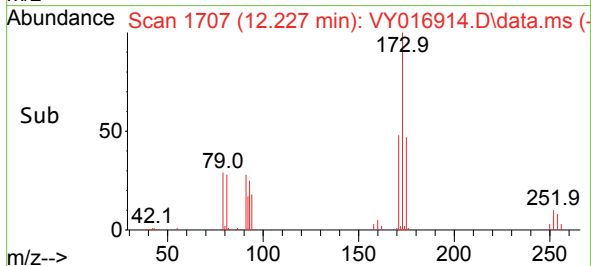
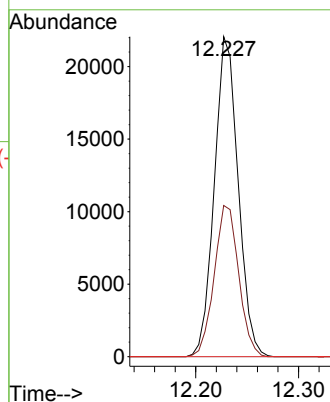
Tgt Ion:173 Resp: 35394

Ion Ratio Lower Upper

173 100

175 48.7 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

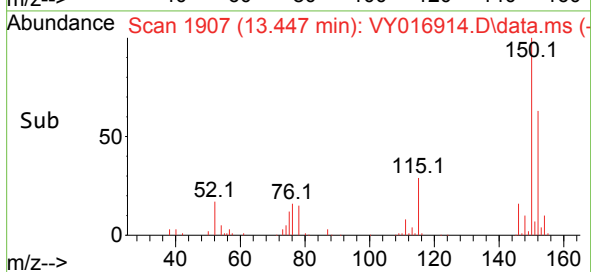
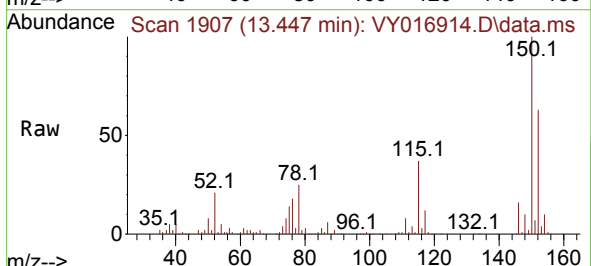
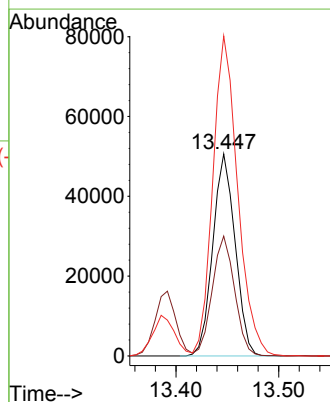
Tgt Ion:152 Resp: 76330

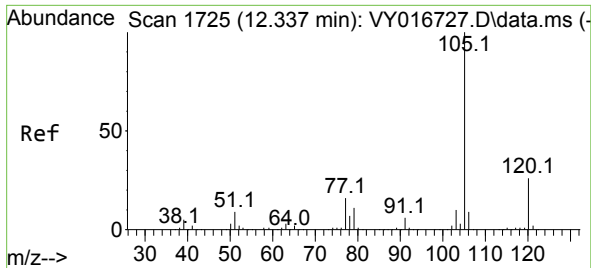
Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 176.3 0.0 344.6

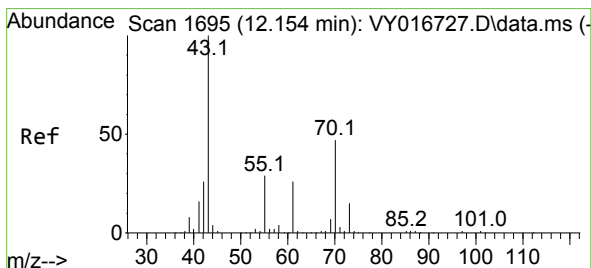
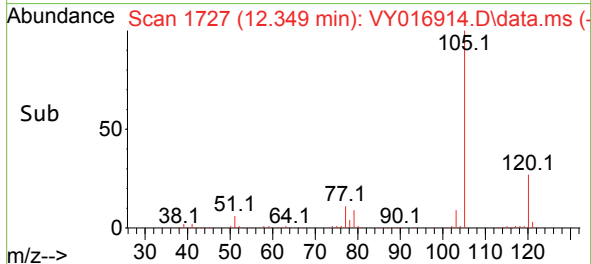
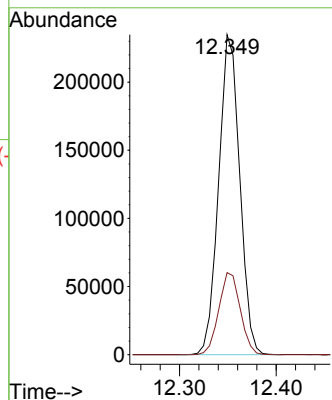
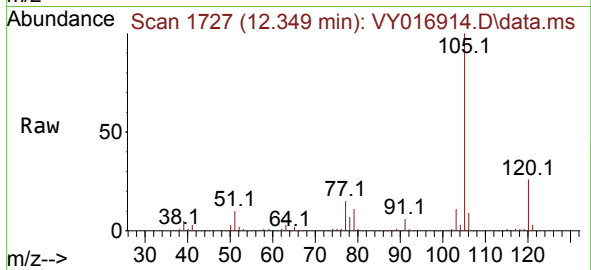




#73
Isopropylbenzene
Concen: 56.904 ug/l
RT: 12.349 min Scan# 1725
Delta R.T. 0.012 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

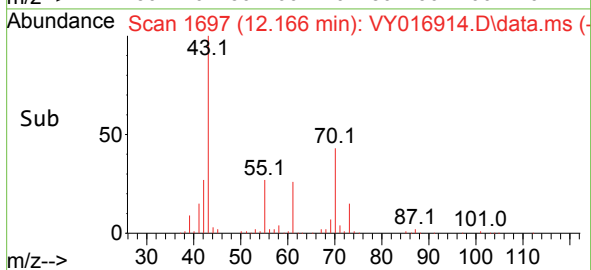
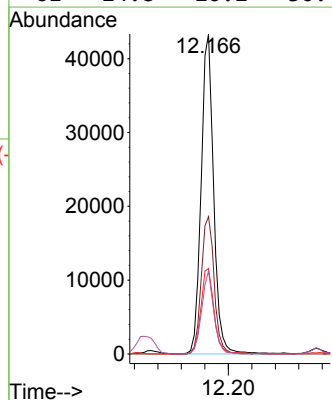
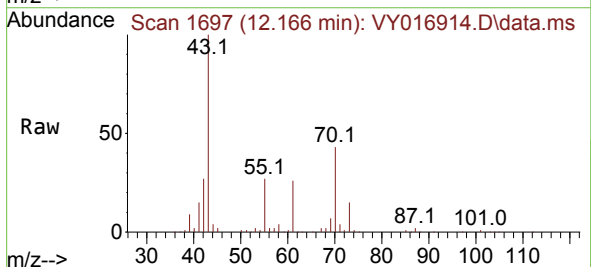
Instrument :
MSVOA_Y
ClientSampleId :

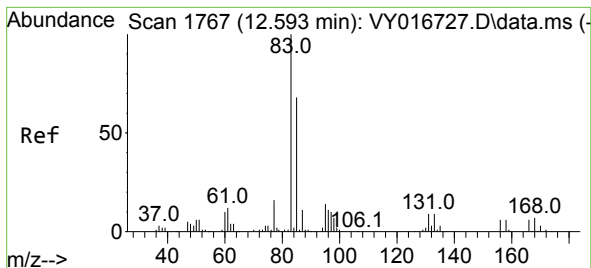
Tgt Ion:105 Resp: 354692
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0



#74
N-ethyl acetate
Concen: 51.284 ug/l
RT: 12.166 min Scan# 1697
Delta R.T. 0.012 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Tgt Ion: 43 Resp: 64225
Ion Ratio Lower Upper
43 100
70 44.3 36.6 55.0
55 28.1 22.2 33.4
61 24.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.273 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

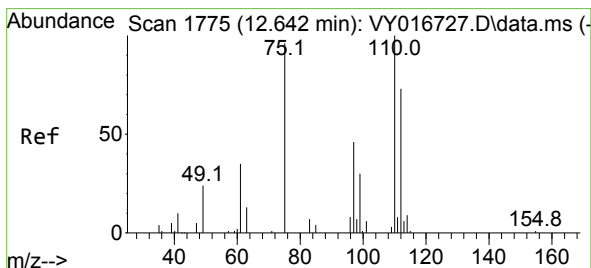
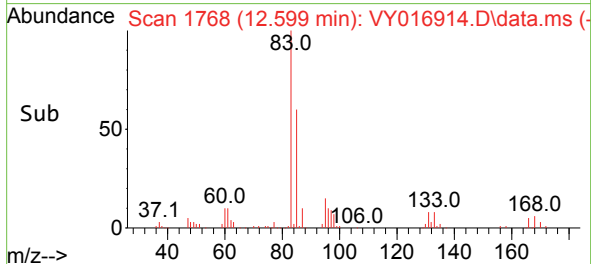
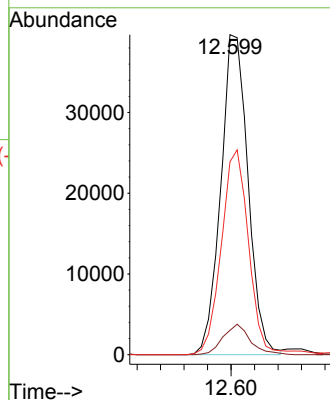
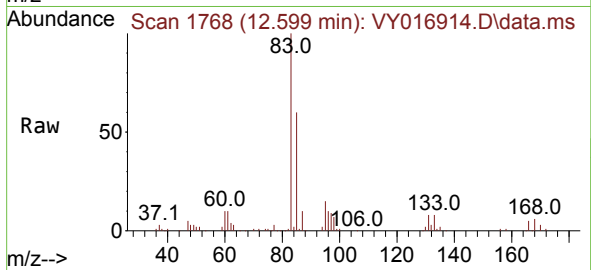
Tgt Ion: 83 Resp: 63848

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.6

85 64.5 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 91.281 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY016914.D

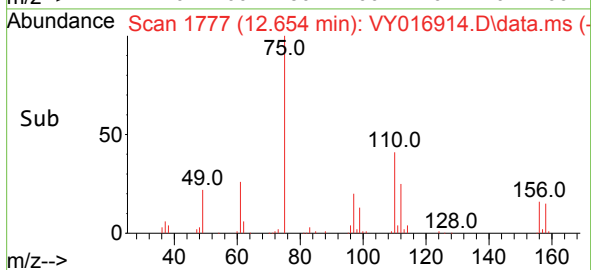
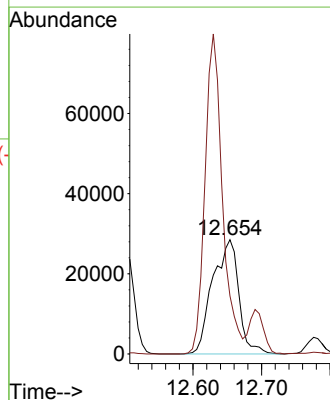
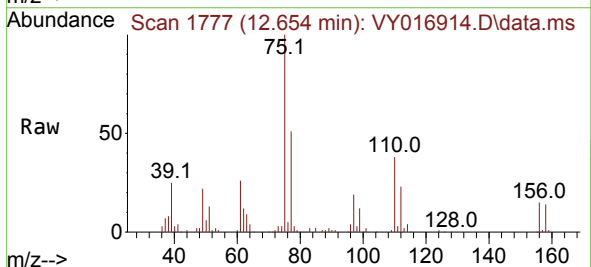
Acq: 05 Jan 2024 10:24

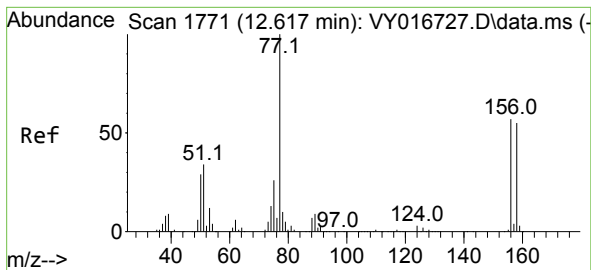
Tgt Ion: 75 Resp: 75610

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.161 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.013 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

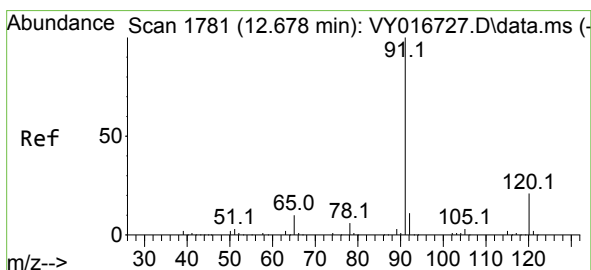
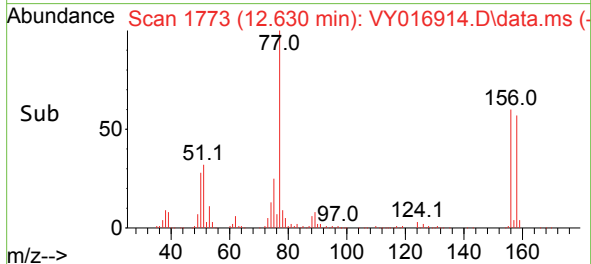
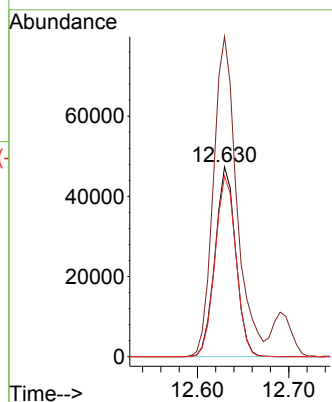
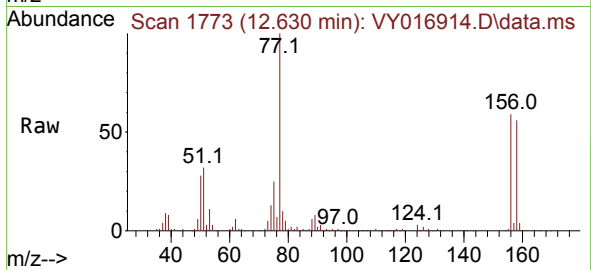
Tgt Ion:156 Resp: 74328

Ion Ratio Lower Upper

156 100

77 191.0 97.3 291.8

158 96.5 48.4 145.0



#78

n-propylbenzene

Concen: 57.111 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.013 min

Lab File: VY016914.D

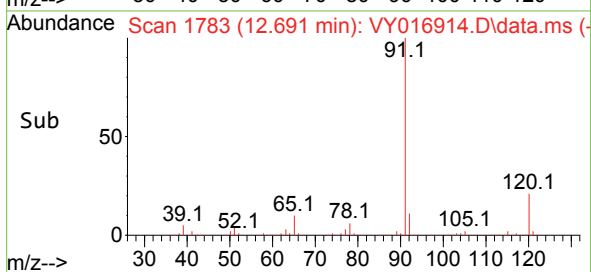
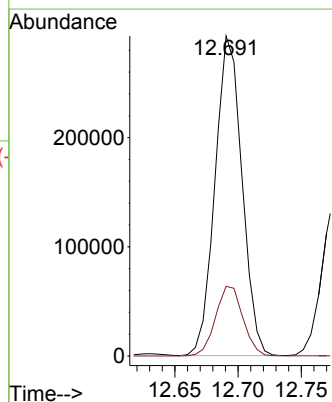
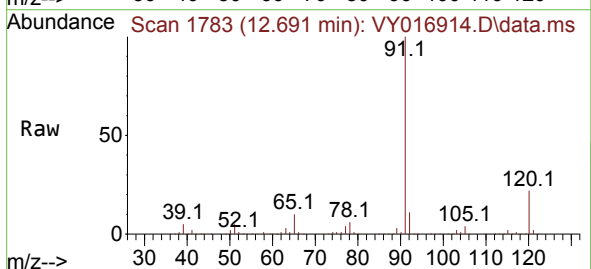
Acq: 05 Jan 2024 10:24

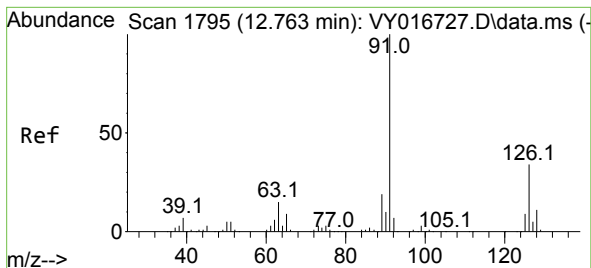
Tgt Ion: 91 Resp: 432771

Ion Ratio Lower Upper

91 100

120 22.1 11.0 33.0

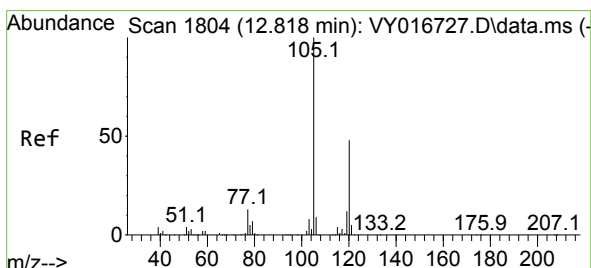
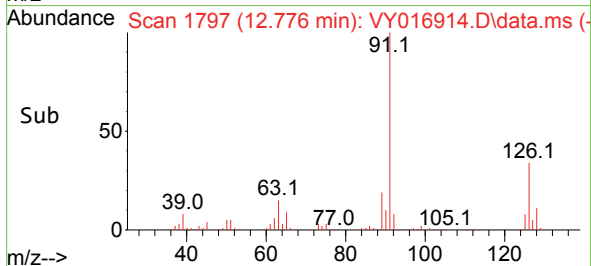
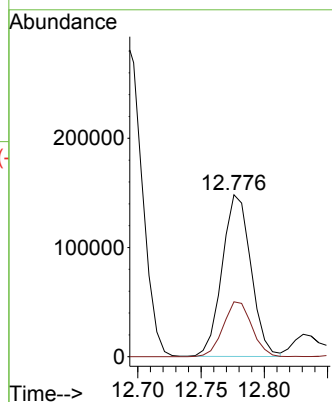
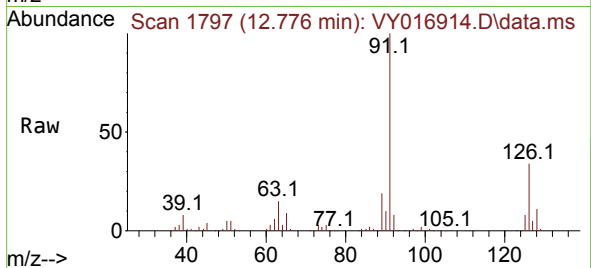




#79
2-Chlorotoluene
Concen: 55.780 ug/l
RT: 12.776 min Scan# 1795
Delta R.T. 0.013 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

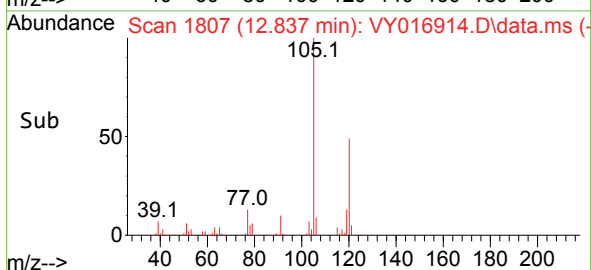
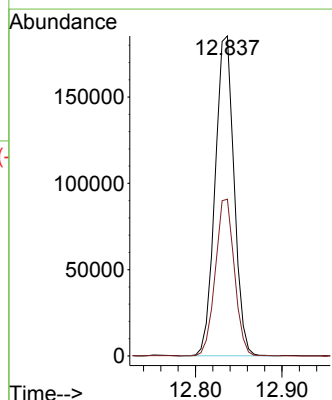
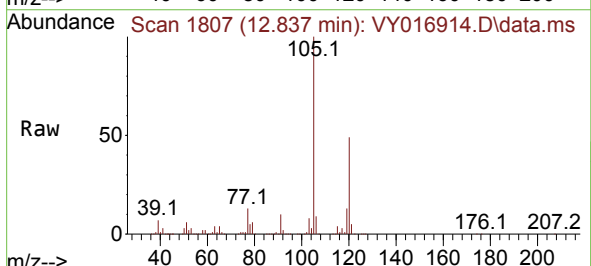
Instrument :
MSVOA_Y
ClientSampleId :

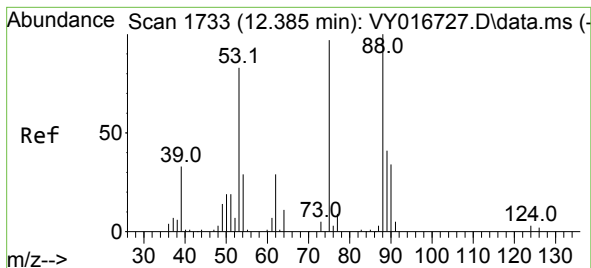
Tgt Ion: 91 Resp: 234388
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 57.101 ug/l
RT: 12.837 min Scan# 1807
Delta R.T. 0.019 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

Tgt Ion: 105 Resp: 281487
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.8

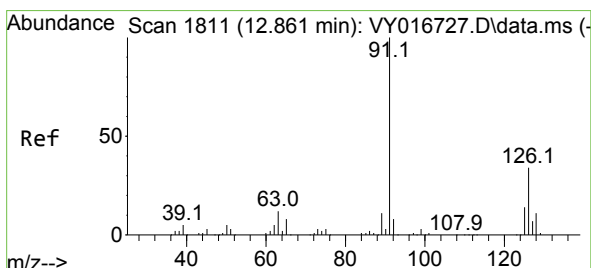
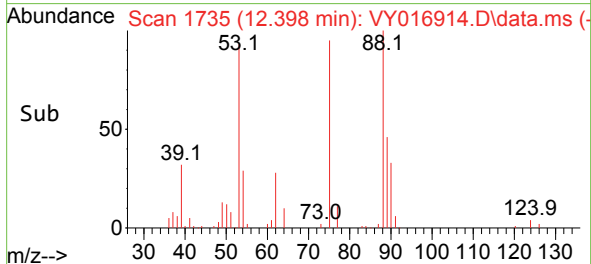
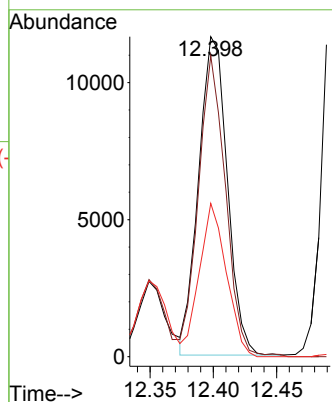
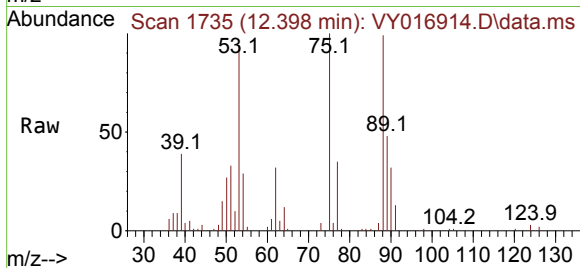




#81
trans-1,4-Dichloro-2-butene
Concen: 50.351 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

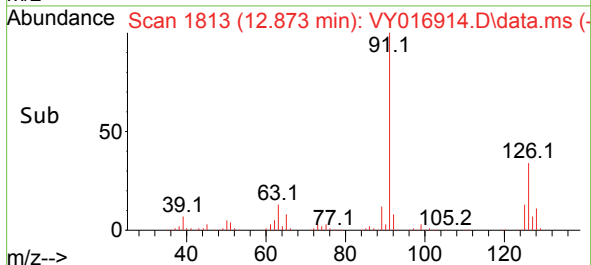
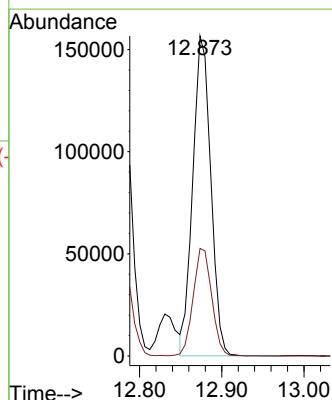
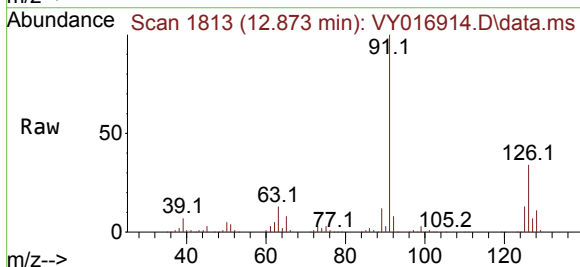
Instrument :
MSVOA_Y
ClientSampleId :

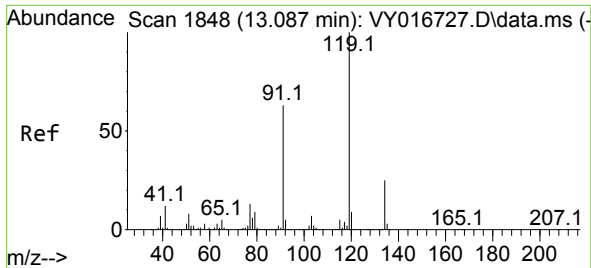
Tgt Ion: 75 Resp: 18367
Ion Ratio Lower Upper
75 100
53 90.2 74.0 111.0
89 45.5 36.5 54.7



#82
4-Chlorotoluene
Concen: 55.468 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016914.D
Acq: 05 Jan 2024 10:24

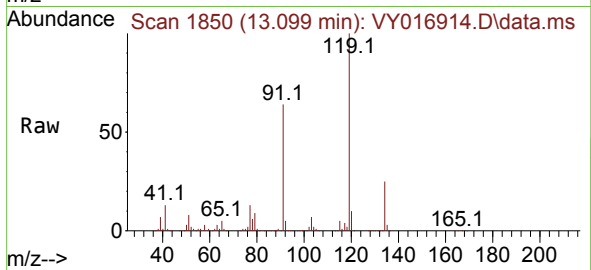
Tgt Ion: 91 Resp: 238121
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2



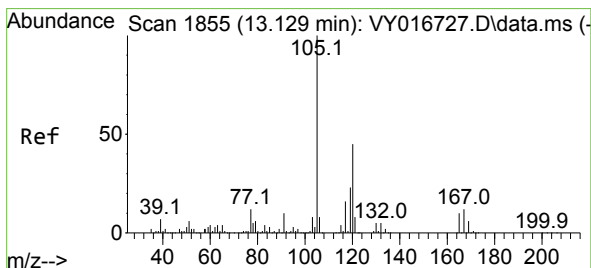
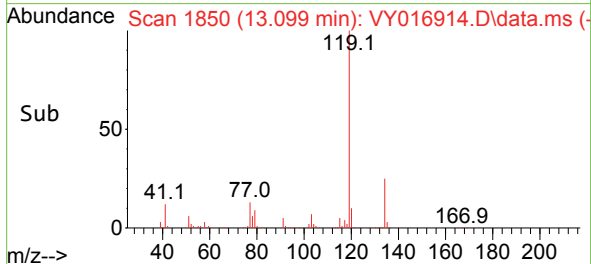
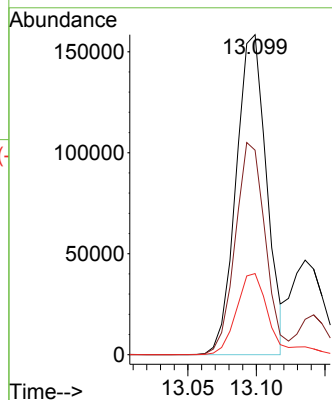


#83
 tert-Butylbenzene
 Concen: 56.486 ug/l
 RT: 13.099 min Scan# 1850
 Delta R.T. 0.012 min
 Lab File: VY016914.D
 Acq: 05 Jan 2024 10:24

Instrument :
 MSVOA_Y
 ClientSampleId :

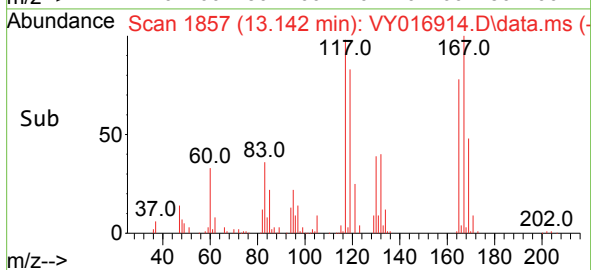
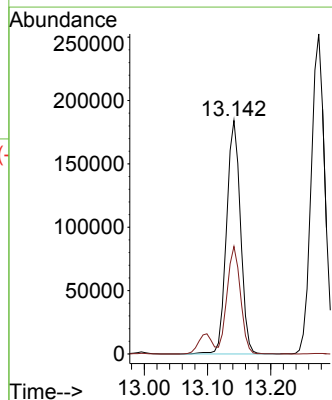
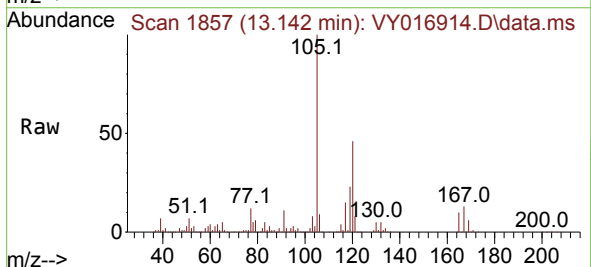


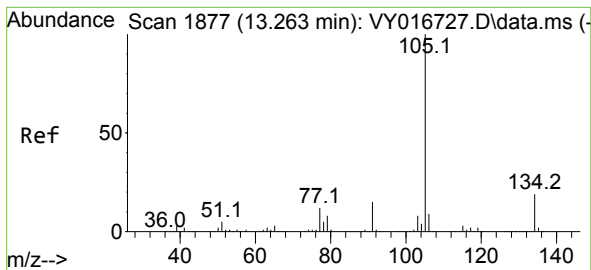
Tgt Ion:119 Resp: 245260
 Ion Ratio Lower Upper
 119 100
 91 65.7 31.5 94.5
 134 27.5 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 57.782 ug/l
 RT: 13.142 min Scan# 1857
 Delta R.T. 0.013 min
 Lab File: VY016914.D
 Acq: 05 Jan 2024 10:24

Tgt Ion:105 Resp: 280516
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.3





#85

sec-Butylbenzene

Concen: 57.886 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.013 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

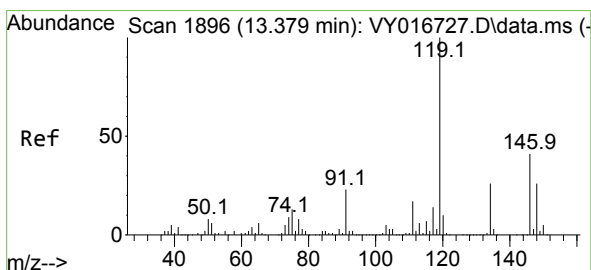
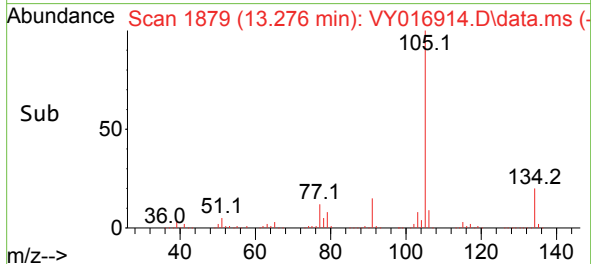
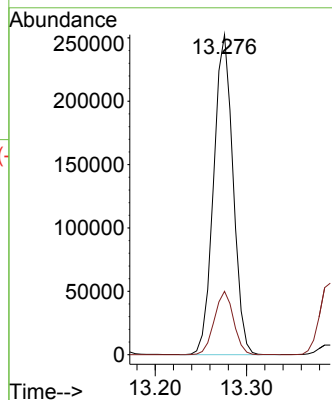
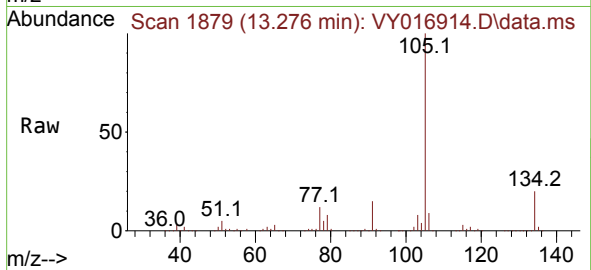
ClientSampleId :

Tgt Ion:105 Resp: 372419

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 57.415 ug/l

RT: 13.392 min Scan# 1898

Delta R.T. 0.013 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

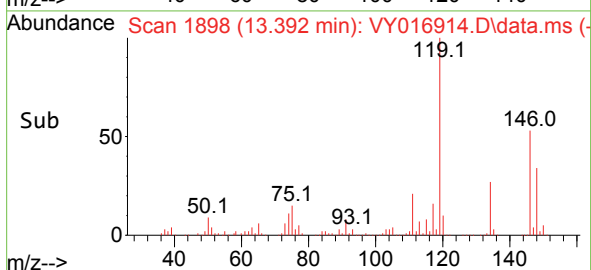
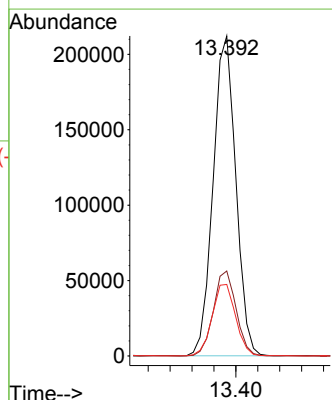
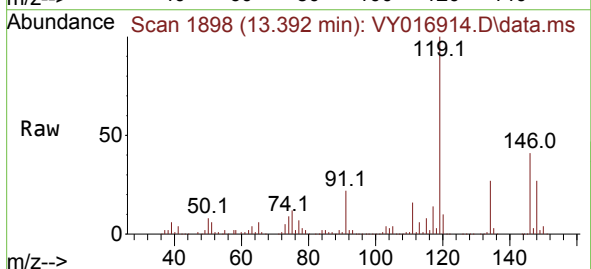
Tgt Ion:119 Resp: 304857

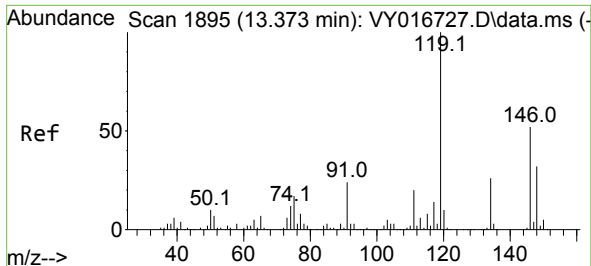
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.1

91 23.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 54.595 ug/l

RT: 13.386 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

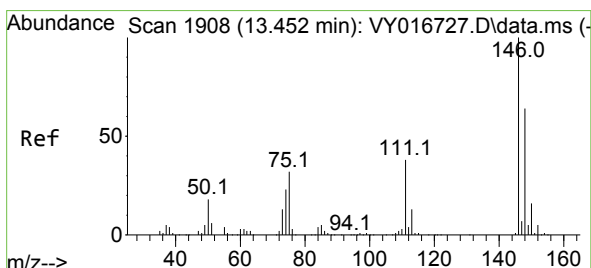
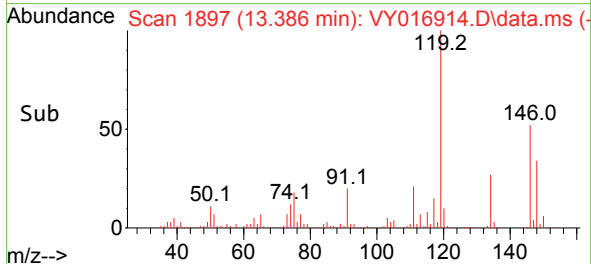
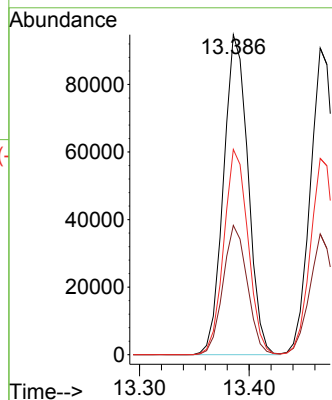
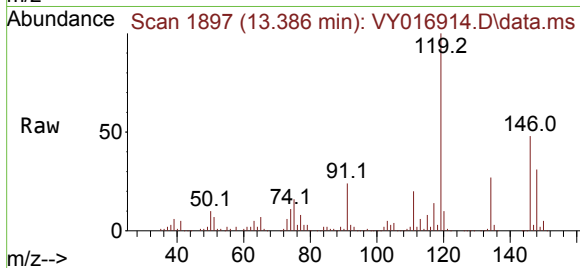
Tgt Ion:146 Resp: 146940

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

148 63.4 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 53.805 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

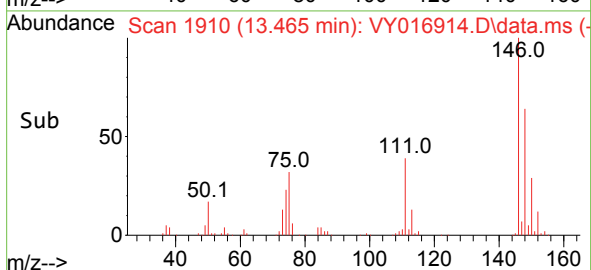
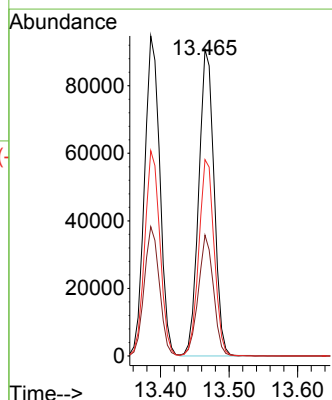
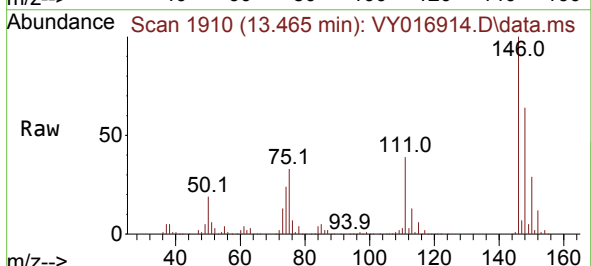
Tgt Ion:146 Resp: 141640

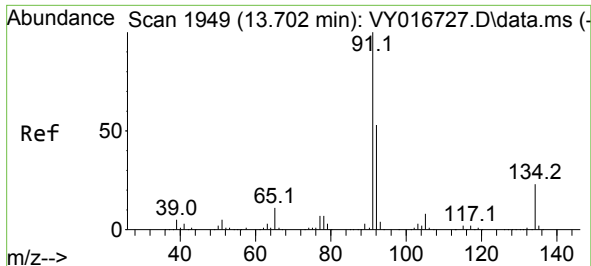
Ion Ratio Lower Upper

146 100

111 38.8 19.3 57.9

148 64.1 31.6 94.7





#89

n-Butylbenzene

Concen: 58.368 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.013 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

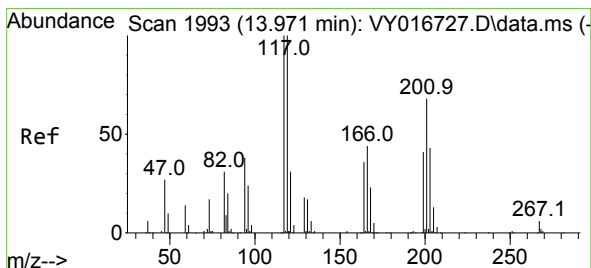
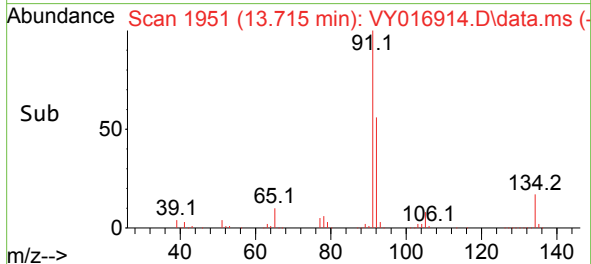
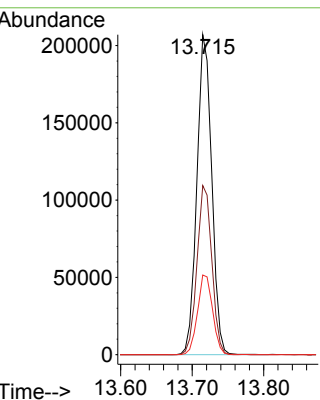
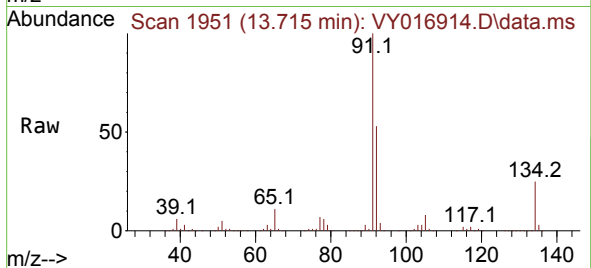
Tgt Ion: 91 Resp: 297977

Ion Ratio Lower Upper

91 100

92 53.0 26.4 79.2

134 25.3 12.3 36.8



#90

Hexachloroethane

Concen: 54.939 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY016914.D

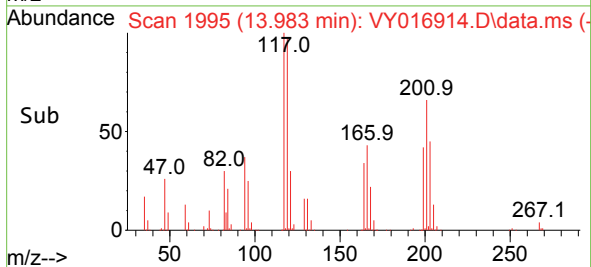
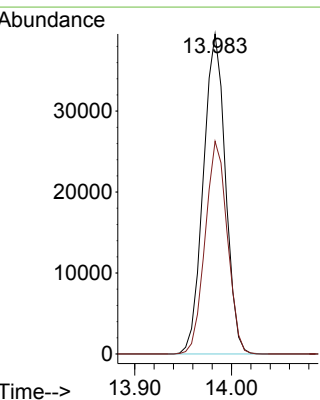
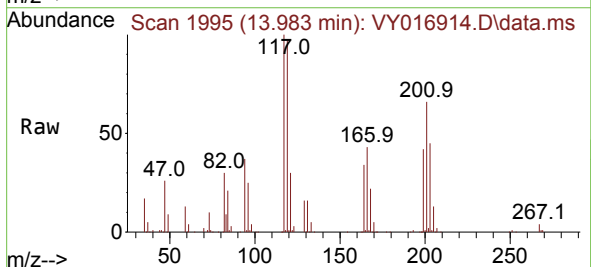
Acq: 05 Jan 2024 10:24

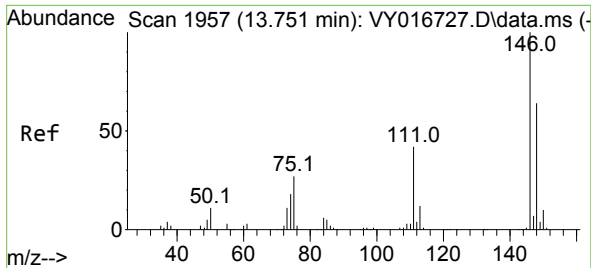
Tgt Ion: 117 Resp: 62683

Ion Ratio Lower Upper

117 100

201 66.7 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 54.322 ug/l

RT: 13.757 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

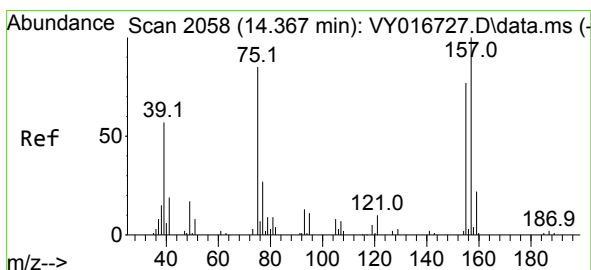
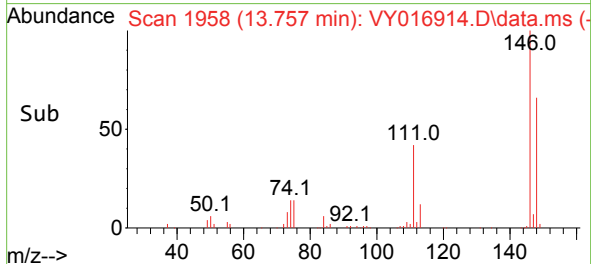
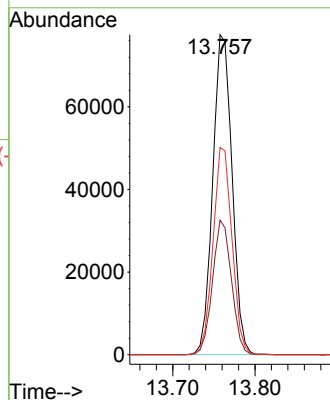
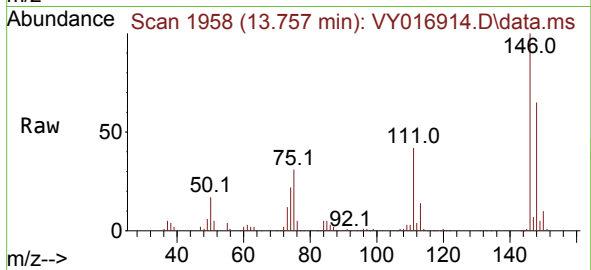
Tgt Ion:146 Resp: 126351

Ion Ratio Lower Upper

146 100

111 41.2 20.5 61.6

148 63.6 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.999 ug/l

RT: 14.379 min Scan# 2060

Delta R.T. 0.012 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

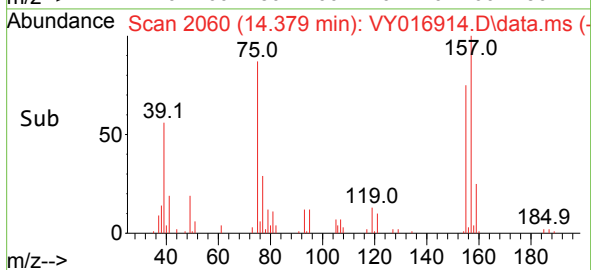
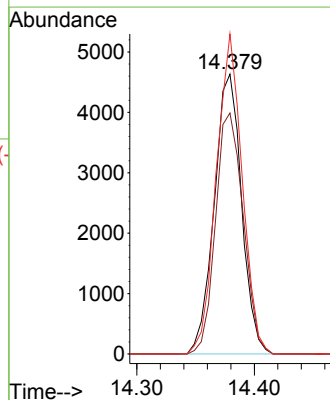
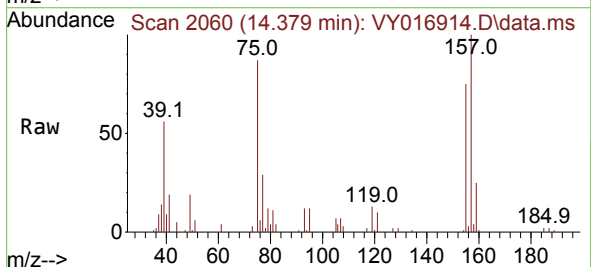
Tgt Ion: 75 Resp: 7485

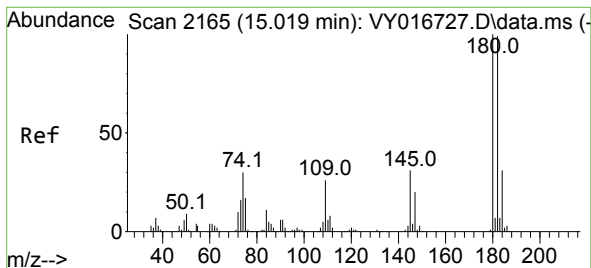
Ion Ratio Lower Upper

75 100

155 87.2 42.1 126.3

157 108.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 57.551 ug/l

RT: 15.032 min Scan# 2165

Delta R.T. 0.013 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

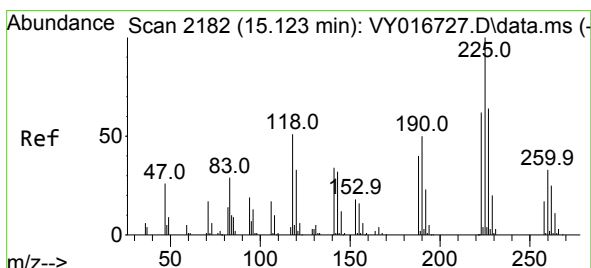
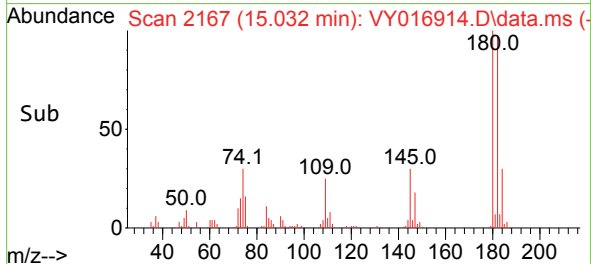
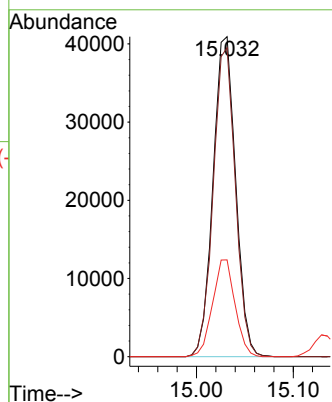
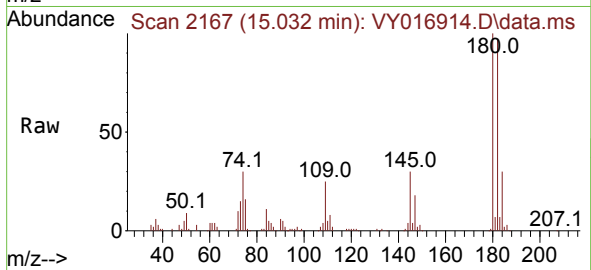
Tgt Ion:180 Resp: 66472

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.7

145 30.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 55.911 ug/l

RT: 15.135 min Scan# 2184

Delta R.T. 0.012 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

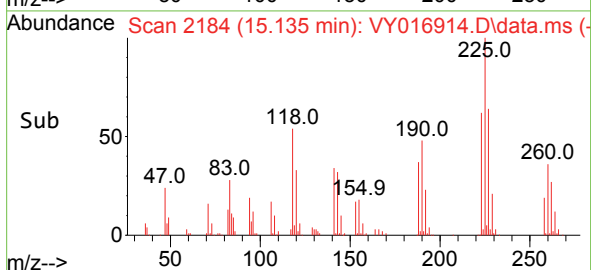
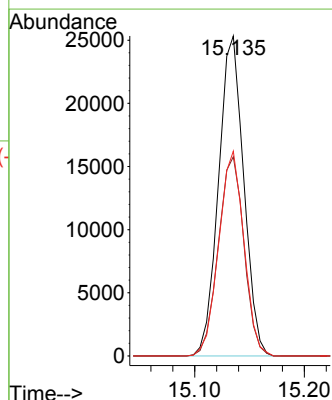
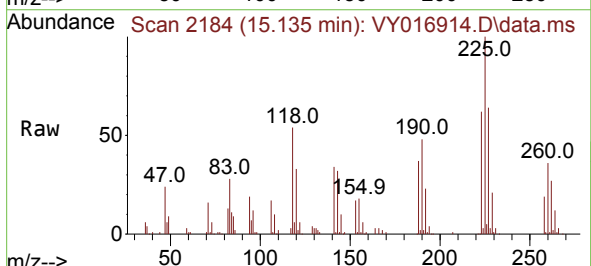
Tgt Ion:225 Resp: 40455

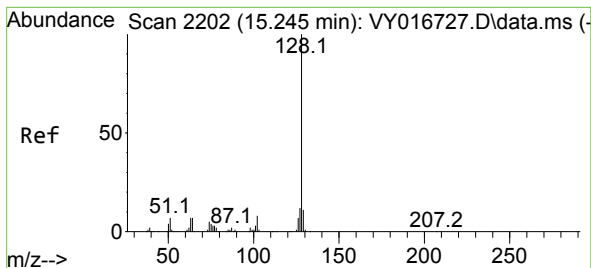
Ion Ratio Lower Upper

225 100

223 63.3 31.4 94.3

227 63.9 32.3 96.8





#95

Naphthalene

Concen: 53.956 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Instrument :

MSVOA_Y

ClientSampleId :

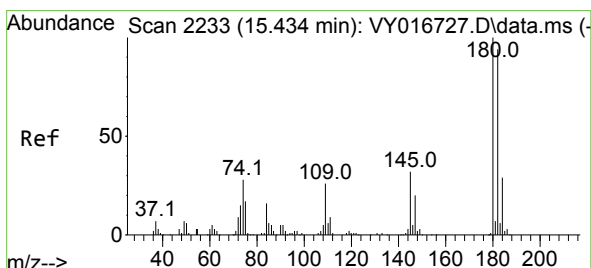
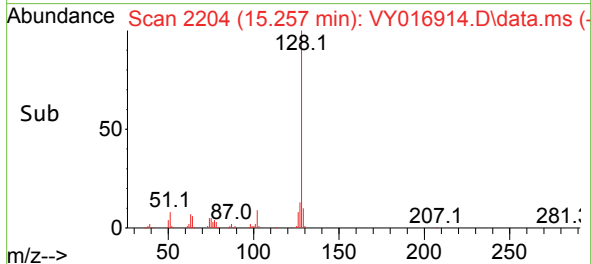
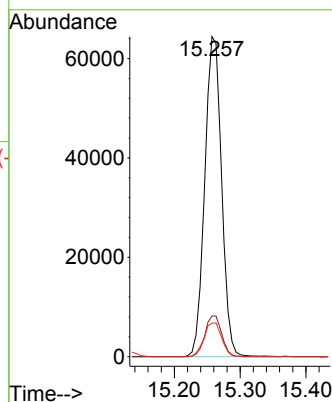
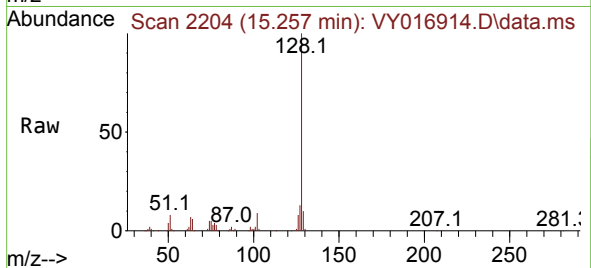
Tgt Ion:128 Resp: 114721

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 55.492 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016914.D

Acq: 05 Jan 2024 10:24

Tgt Ion:180 Resp: 54422

Ion Ratio Lower Upper

180 100

182 95.0 46.3 138.8

145 32.9 16.1 48.2

