

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016894.D
 Acq On : 02 Jan 2024 14:21
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 03 00:17:34 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	7.801	168	150756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	250199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	212664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	95726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	67239	45.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.260%
35) Dibromofluoromethane	7.721	113	75114	47.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.220%
50) Toluene-d8	10.191	98	264060	48.097	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.489	95	87401	47.184	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.905	85	54432	47.846	ug/l	97
3) Chloromethane	2.119	50	85229	48.126	ug/l	99
4) Vinyl Chloride	2.253	62	101834	48.749	ug/l	98
5) Bromomethane	2.661	94	72921	48.727	ug/l	94
6) Chloroethane	2.802	64	68326	48.353	ug/l	99
7) Trichlorofluoromethane	3.131	101	125812	48.881	ug/l	96
8) Diethyl Ether	3.533	74	39150	47.596	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.911	101	80655	48.194	ug/l	100
10) Methyl Iodide	4.100	142	73800	51.835	ug/l	99
11) Tert butyl alcohol	4.954	59	24419	221.493	ug/l	99
12) 1,1-Dichloroethene	3.881	96	71569	49.843	ug/l	94
13) Acrolein	3.734	56	35924	220.149	ug/l	98
14) Allyl chloride	4.484	41	115466	50.866	ug/l	100
15) Acrylonitrile	5.167	53	87503	227.431	ug/l	99
16) Acetone	3.954	43	83103	223.763	ug/l	100
17) Carbon Disulfide	4.204	76	174734	50.929	ug/l	99
18) Methyl Acetate	4.484	43	79697	49.924	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	181651	48.626	ug/l	98
20) Methylene Chloride	4.722	84	99859	52.404	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	82436	50.127	ug/l	99
22) Diisopropyl ether	6.130	45	268198	51.105	ug/l	94
23) Vinyl Acetate	6.069	43	573952	238.518	ug/l	100
24) 1,1-Dichloroethane	6.027	63	155221	49.219	ug/l	98
25) 2-Butanone	6.990	43	111728	218.509	ug/l	100
26) 2,2-Dichloropropane	6.990	77	137058	50.124	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	97058	50.347	ug/l	98
28) Bromochloromethane	7.337	49	63151	53.339	ug/l	99
29) Tetrahydrofuran	7.356	42	66609	220.872	ug/l	99
30) Chloroform	7.514	83	160332	49.334	ug/l	100
31) Cyclohexane	7.795	56	125477	49.065	ug/l	99
32) 1,1,1-Trichloroethane	7.709	97	138395	50.223	ug/l	100
36) 1,1-Dichloropropene	7.929	75	118548	51.020	ug/l	100
37) Ethyl Acetate	7.081	43	46597	44.129	ug/l	100
38) Carbon Tetrachloride	7.910	117	119299	50.535	ug/l	100
39) Methylcyclohexane	9.191	83	138463	53.008	ug/l	99
40) Benzene	8.167	78	350830	50.333	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	28007	50.362	ug/l	97
42) 1,2-Dichloroethane	8.246	62	88992	48.093	ug/l	99
43) Isopropyl Acetate	8.282	43	92773	45.880	ug/l	100
44) Trichloroethene	8.947	130	90148	50.827	ug/l	96
45) 1,2-Dichloropropane	9.227	63	89277	49.718	ug/l	99
46) Dibromomethane	9.313	93	44332	48.408	ug/l	98
47) Bromodichloromethane	9.508	83	120872	49.151	ug/l	97
48) Methyl methacrylate	9.300	41	53814	49.314	ug/l	99
49) 1,4-Dioxane	9.307	88	8808	928.874	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	246177	228.923	ug/l	99
52) Toluene	10.252	92	214834	51.072	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	110224	50.038	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	134005	50.656	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	63464	47.435	ug/l	96
56) Ethyl methacrylate	10.520	69	55715	49.165	ug/l	98
57) 1,3-Dichloropropane	10.800	76	109039	48.814	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	167516	235.967	ug/l	99
59) 2-Hexanone	10.843	43	172631	218.016	ug/l	100
60) Dibromochloromethane	10.995	129	75242	48.766	ug/l	99
61) 1,2-Dibromoethane	11.099	107	57180	49.190	ug/l	97
64) Tetrachloroethene	10.727	164	69275	50.245	ug/l	98
65) Chlorobenzene	11.526	112	226858	51.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	85180	50.579	ug/l	99
67) Ethyl Benzene	11.599	91	421349	52.828	ug/l	98
68) m/p-Xylenes	11.709	106	311476	106.392	ug/l	99
69) o-Xylene	12.038	106	145587	53.045	ug/l	99
70) Styrene	12.050	104	215469	53.941	ug/l	100
71) Bromoform	12.215	173	40198	48.486	ug/l #	98
73) Isopropylbenzene	12.337	105	400033	51.174	ug/l	99
74) N-amyl acetate	12.154	43	73287	46.663	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	69902	43.888	ug/l	99
76) 1,2,3-Trichloropropane	12.641	75	84704	81.540	ug/l #	100
77) Bromobenzene	12.617	156	83496	48.514	ug/l	98
78) n-propylbenzene	12.684	91	485256	51.062	ug/l	100
79) 2-Chlorotoluene	12.763	91	263810	50.061	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	323183	52.275	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	21026	45.961	ug/l	99
82) 4-Chlorotoluene	12.867	91	273250	50.754	ug/l	100
83) tert-Butylbenzene	13.086	119	285991	52.521	ug/l	100
84) 1,2,4-Trimethylbenzene	13.129	105	316115	51.921	ug/l	99
85) sec-Butylbenzene	13.263	105	419636	52.009	ug/l	99
86) p-Isopropyltoluene	13.379	119	347736	52.221	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	168297	49.860	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	163805	49.617	ug/l	99
89) n-Butylbenzene	13.708	91	338060	52.802	ug/l	100
90) Hexachloroethane	13.970	117	71052	49.656	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	142266	48.771	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8723	43.674	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	77112	53.235	ug/l	99
94) Hexachlorobutadiene	15.123	225	46784	51.557	ug/l	99
95) Naphthalene	15.245	128	133581	50.520	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	64298	52.278	ug/l	98

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

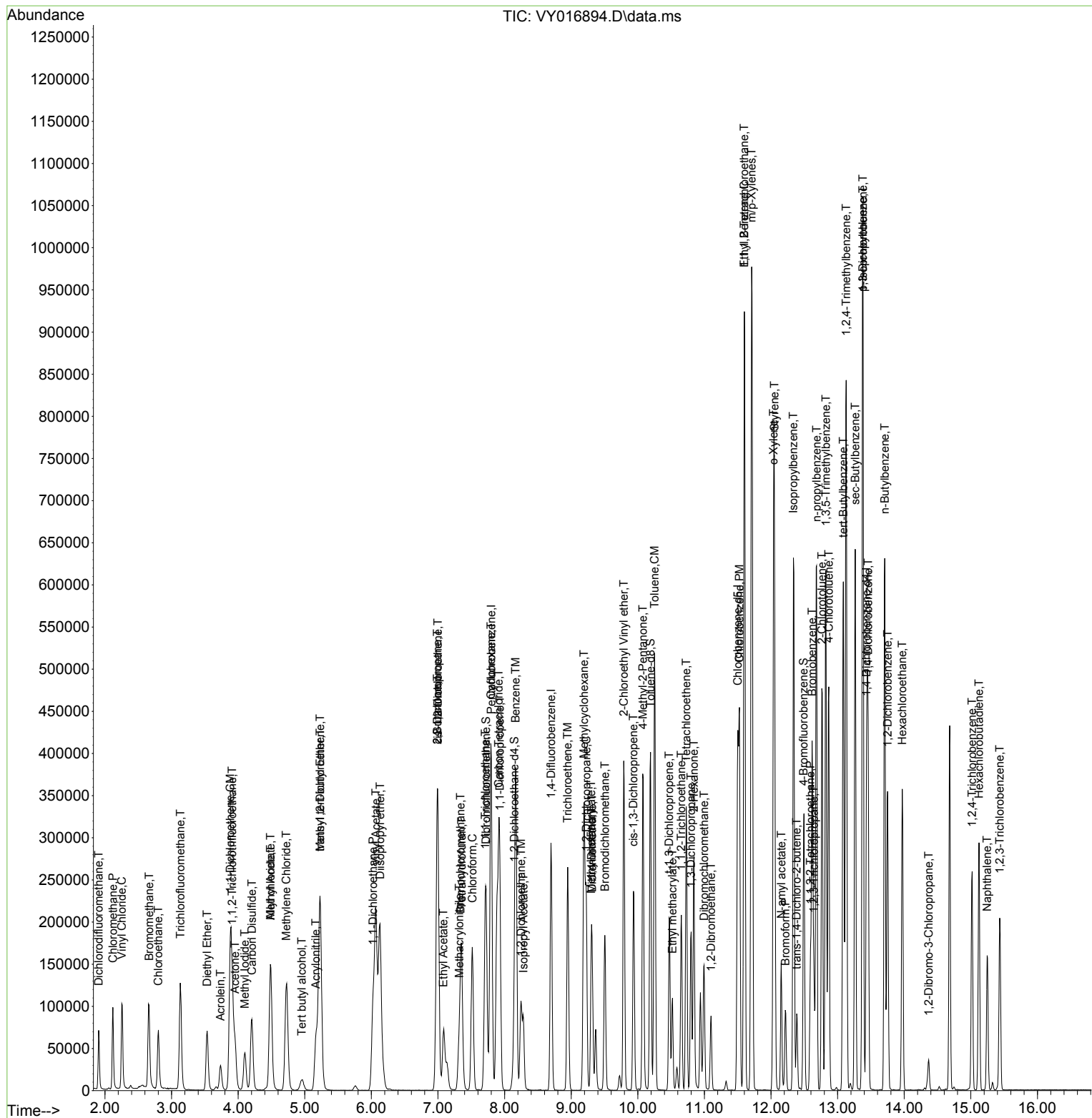
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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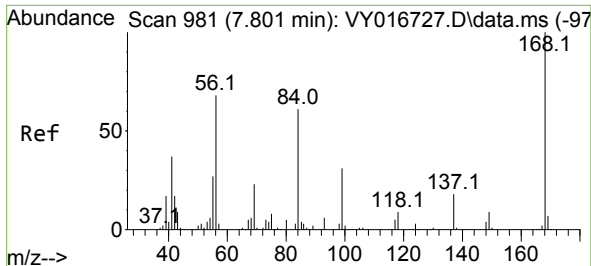
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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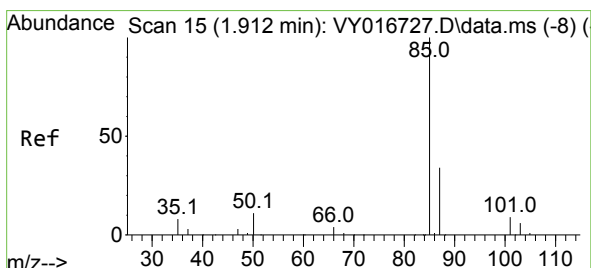
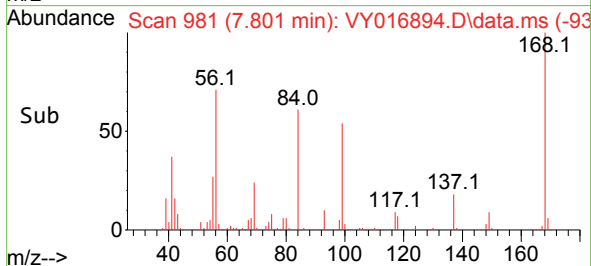
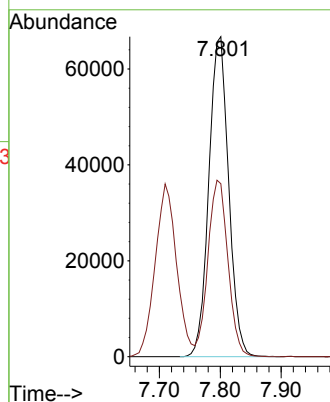
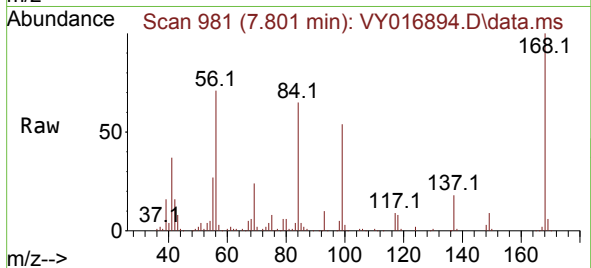




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
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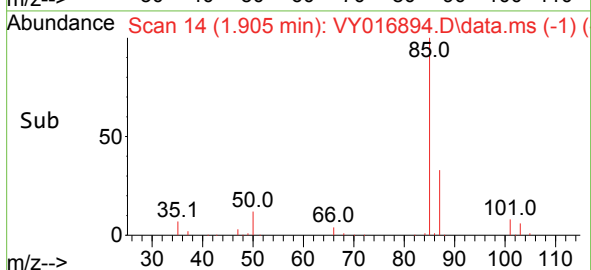
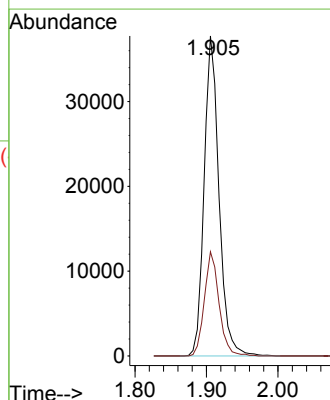
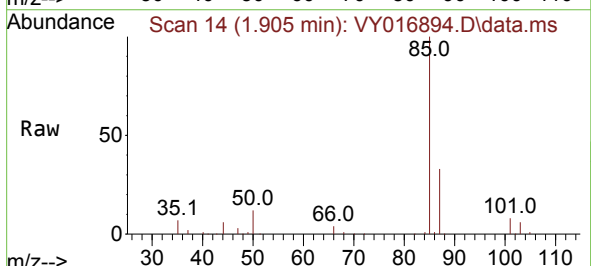
Instrument :
MSVOA_Y
ClientSampleId :

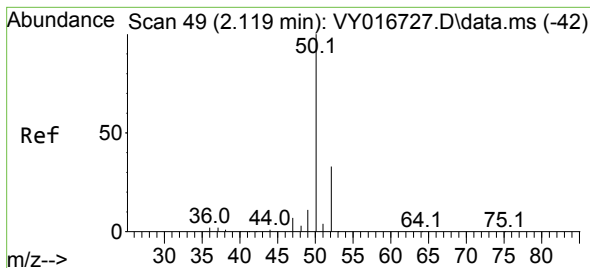
Tgt Ion:168 Resp: 150756
Ion Ratio Lower Upper
168 100
99 54.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 47.846 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.007 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Tgt Ion: 85 Resp: 54432
Ion Ratio Lower Upper
85 100
87 32.6 17.1 51.3





#3

Chloromethane

Concen: 48.126 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

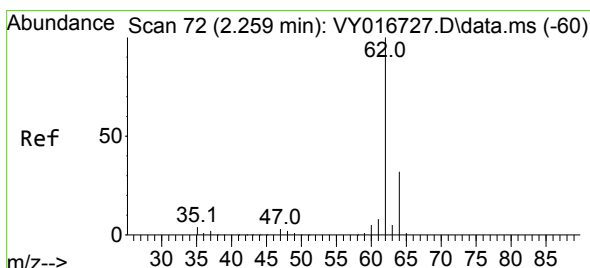
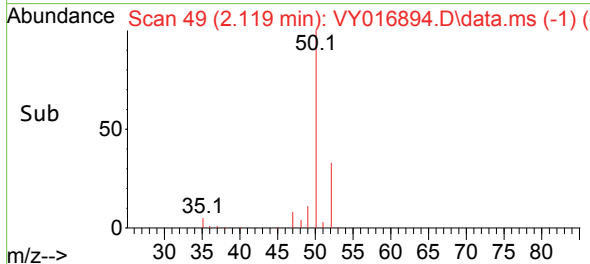
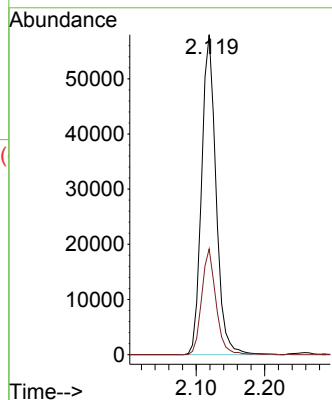
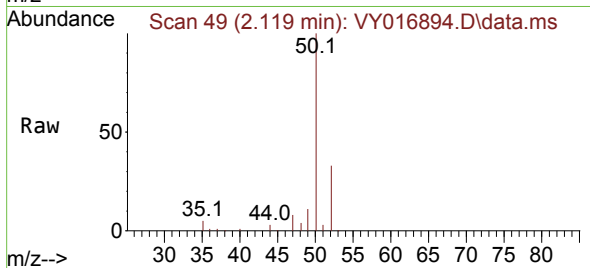
ClientSampleId :

Tgt Ion: 50 Resp: 85229

Ion Ratio Lower Upper

50 100

52 33.0 26.7 40.1



#4

Vinyl Chloride

Concen: 48.749 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.006 min

Lab File: VY016894.D

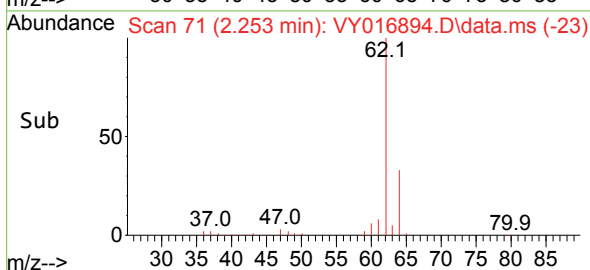
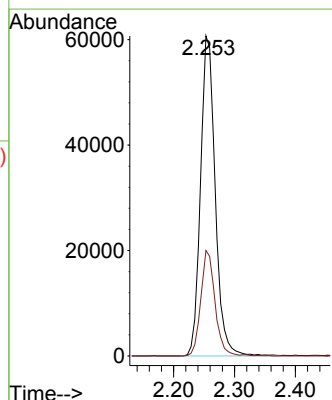
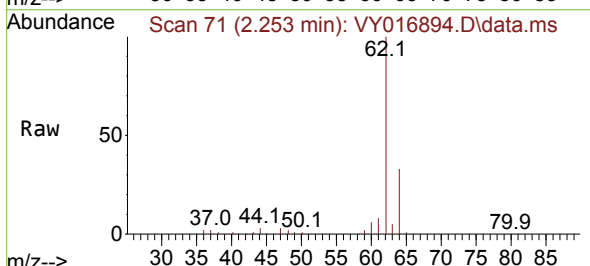
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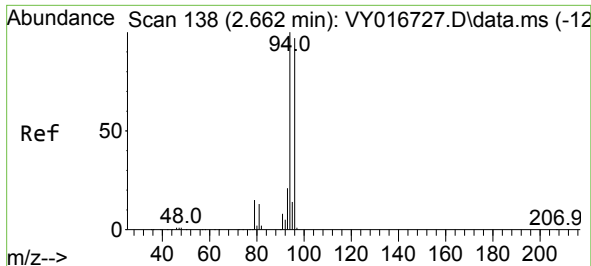
Tgt Ion: 62 Resp: 101834

Ion Ratio Lower Upper

62 100

64 32.9 25.7 38.5

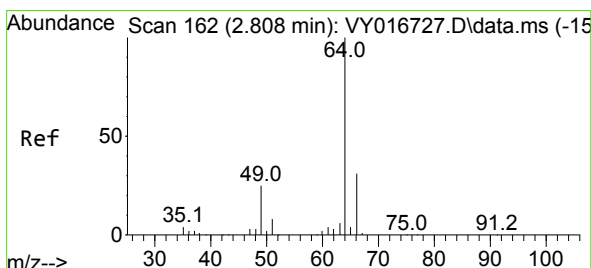
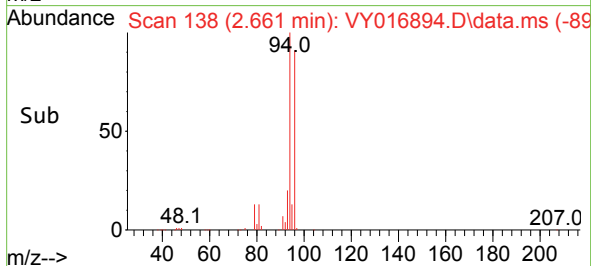
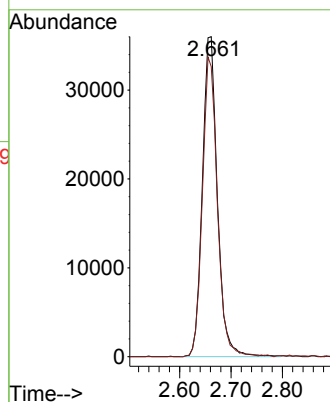
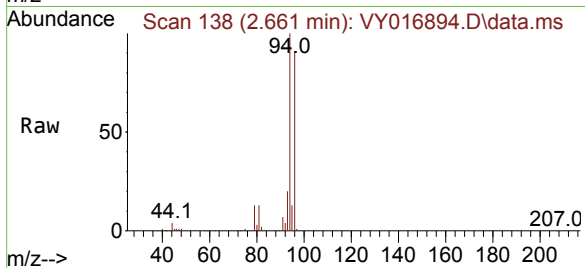




#5
Bromomethane
Concen: 48.727 ug/l
RT: 2.661 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY016894.D
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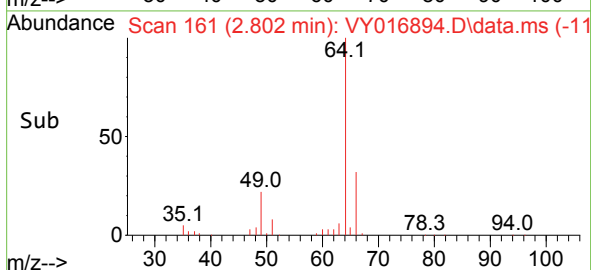
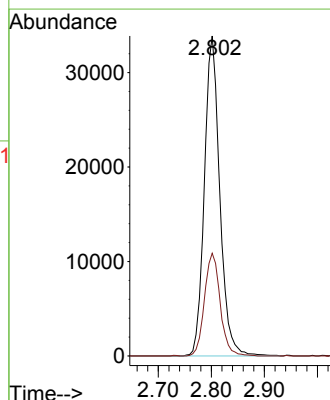
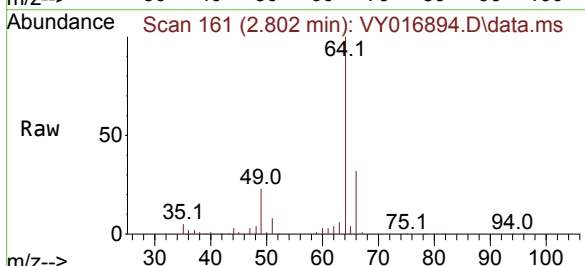
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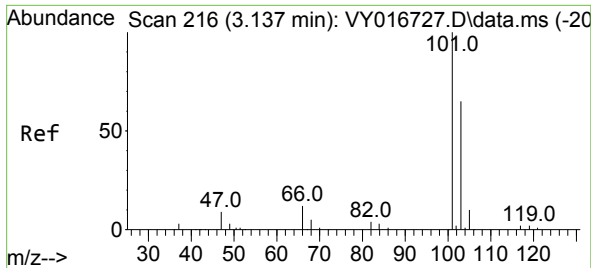
Tgt Ion: 94 Resp: 72921
Ion Ratio Lower Upper
94 100
96 90.7 77.3 115.9



#6
Chloroethane
Concen: 48.353 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY016894.D
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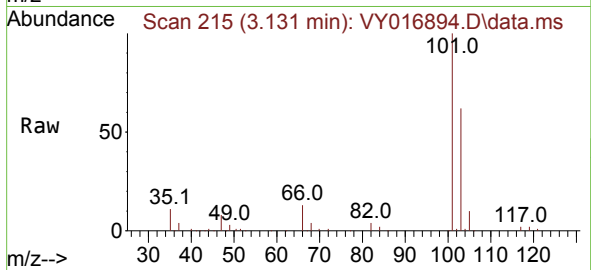
Tgt Ion: 64 Resp: 68326
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7



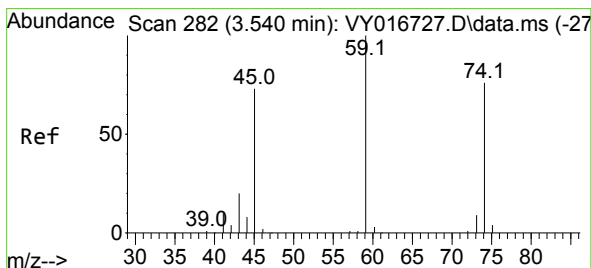
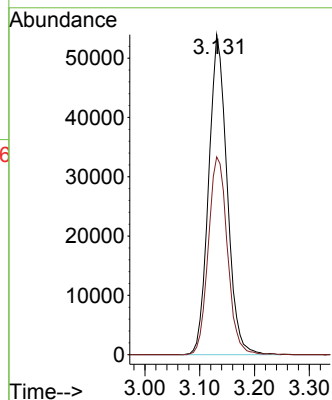
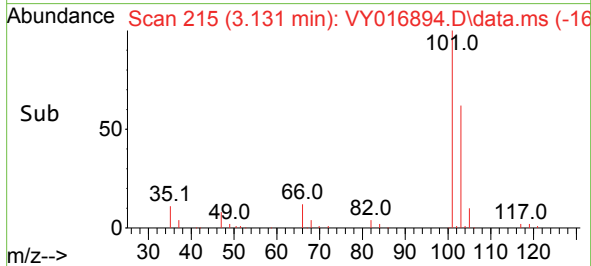


#7
 Trichlorofluoromethane
 Concen: 48.881 ug/l
 RT: 3.131 min Scan# 216
 Delta R.T. -0.006 min
 Lab File: VY016894.D
 Acq: 02 Jan 2024 14:21

Instrument :
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 ClientSampleId :

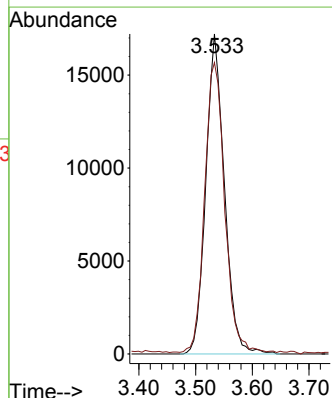
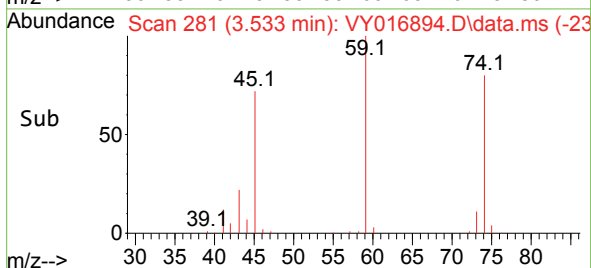
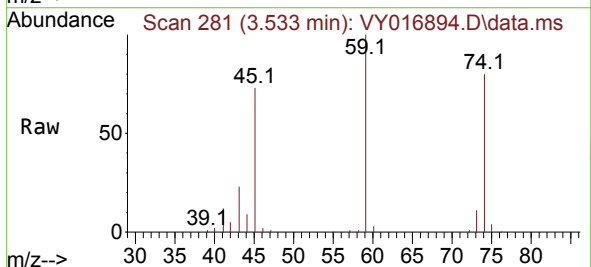


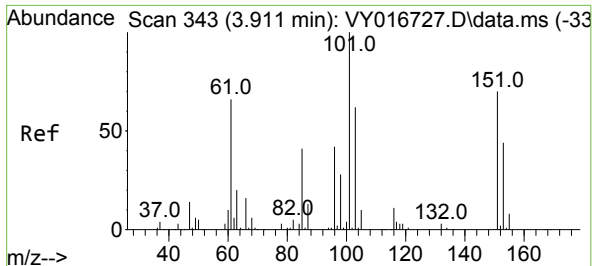
Tgt Ion:101 Resp: 125812
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.9 77.9



#8
 Diethyl Ether
 Concen: 47.596 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. -0.007 min
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Tgt Ion: 74 Resp: 39150
 Ion Ratio Lower Upper
 74 100
 45 97.3 47.9 143.7

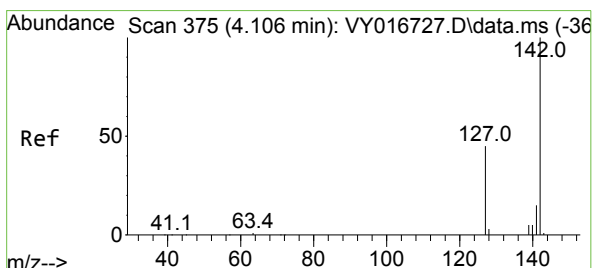
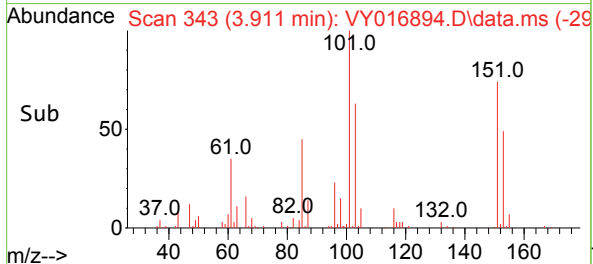
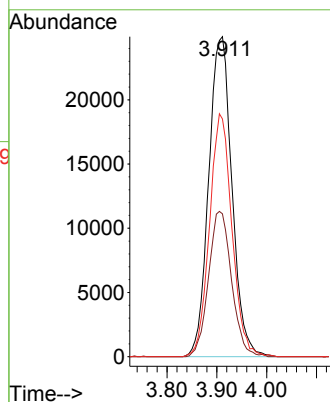
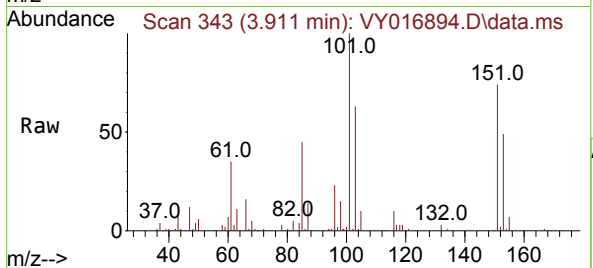




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.194 ug/l
 RT: 3.911 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VY016894.D
 Acq: 02 Jan 2024 14:21

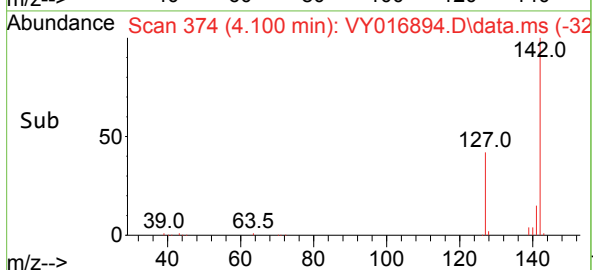
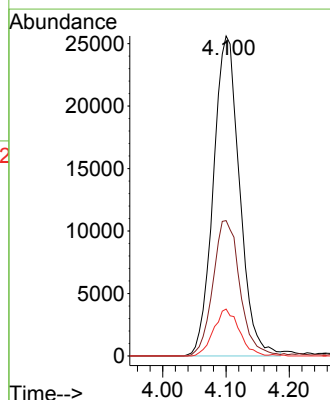
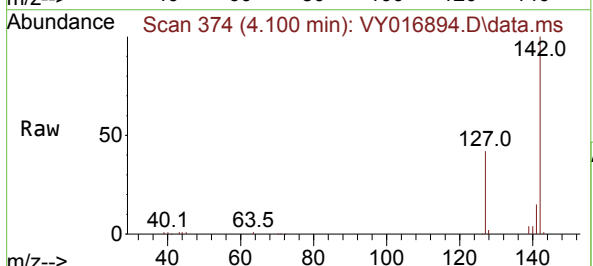
Instrument :
 MSVOA_Y
 ClientSampleId :

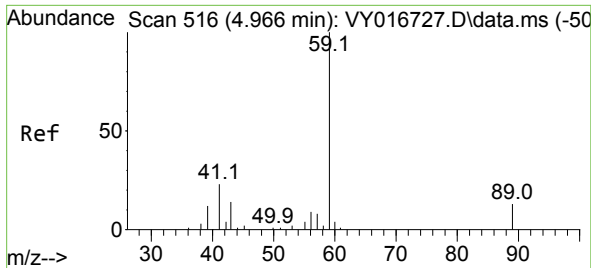
Tgt Ion:101 Resp: 80655
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.8 53.6
 151 73.4 58.6 88.0



#10
 Methyl Iodide
 Concen: 51.835 ug/l
 RT: 4.100 min Scan# 374
 Delta R.T. -0.006 min
 Lab File: VY016894.D
 Acq: 02 Jan 2024 14:21

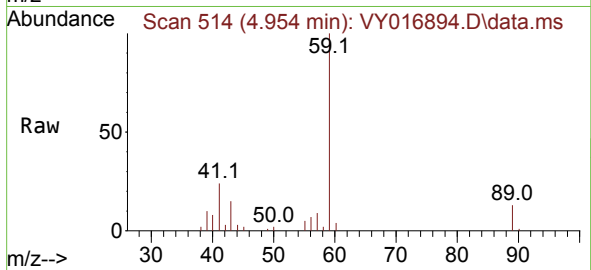
Tgt Ion:142 Resp: 73800
 Ion Ratio Lower Upper
 142 100
 127 43.5 35.1 52.7
 141 14.2 11.8 17.6



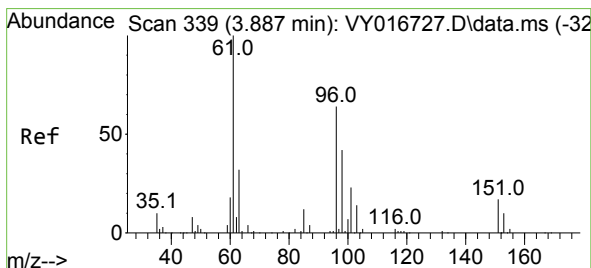
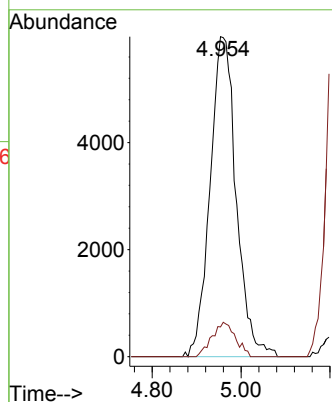
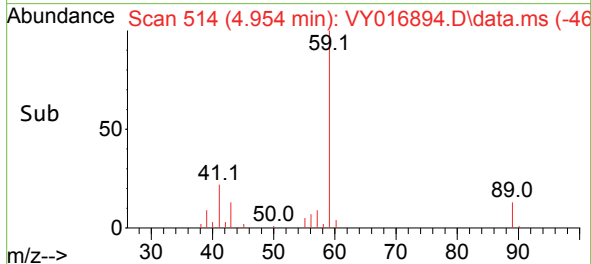


#11
Tert butyl alcohol
Concen: 221.493 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

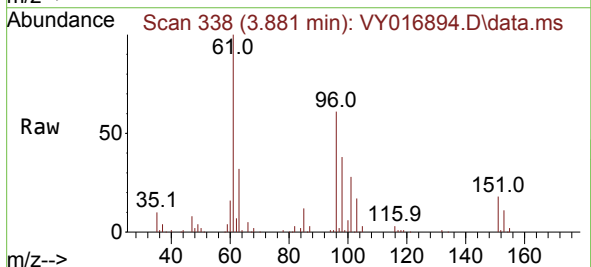
Instrument :
MSVOA_Y
ClientSampleId :



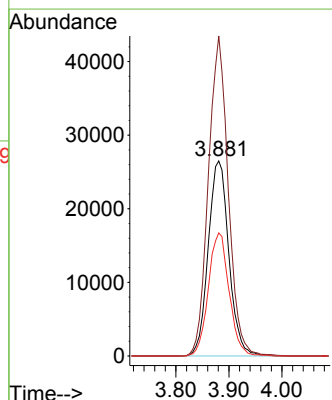
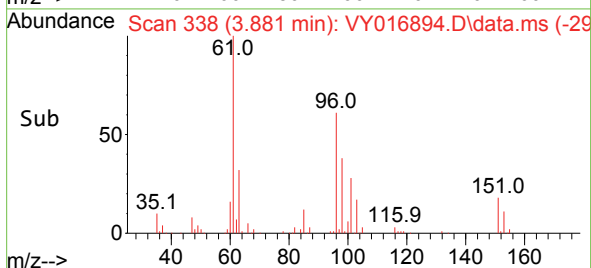
Tgt Ion: 59 Resp: 24419
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.0

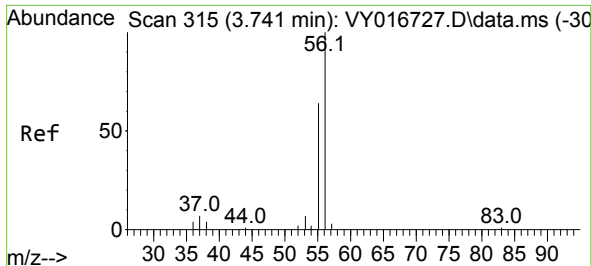


#12
1,1-Dichloroethene
Concen: 49.843 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21



Tgt Ion: 96 Resp: 71569
Ion Ratio Lower Upper
96 100
61 164.0 124.2 186.2
98 63.1 52.6 79.0





#13

Acrolein

Concen: 220.149 ug/l

RT: 3.734 min Scan# 31

Delta R.T. -0.007 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

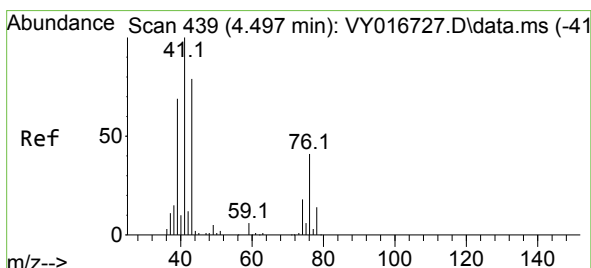
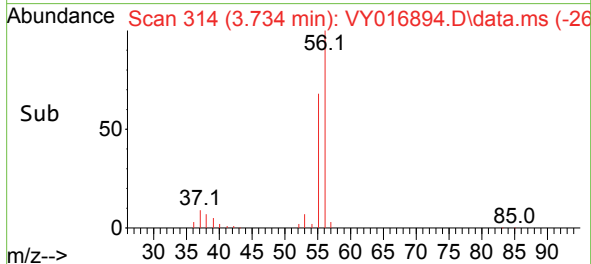
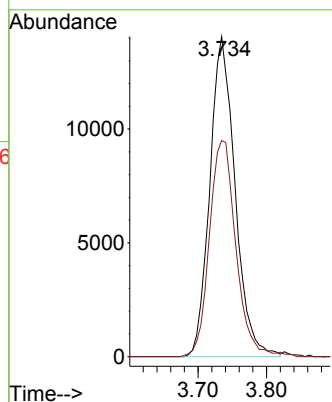
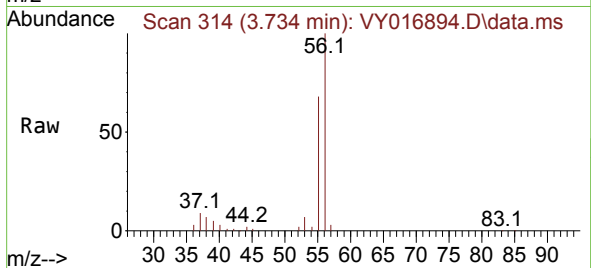
ClientSampleId :

Tgt Ion: 56 Resp: 35924

Ion Ratio Lower Upper

56 100

55 71.1 55.4 83.0



#14

Allyl chloride

Concen: 50.866 ug/l

RT: 4.484 min Scan# 437

Delta R.T. -0.013 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

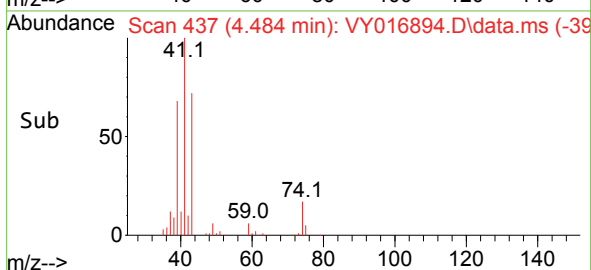
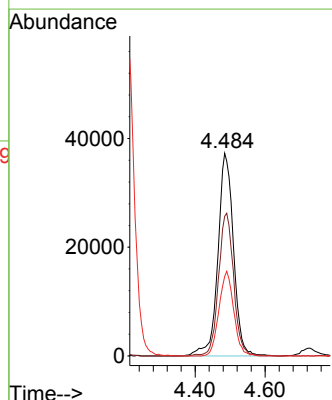
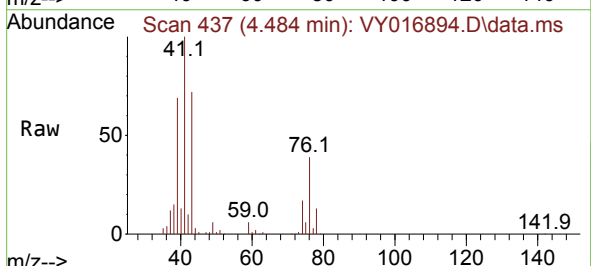
Tgt Ion: 41 Resp: 115466

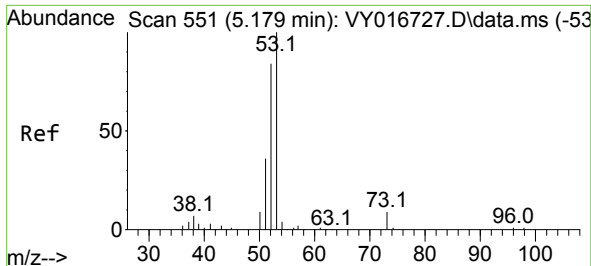
Ion Ratio Lower Upper

41 100

39 68.4 54.7 82.1

76 39.5 31.8 47.6

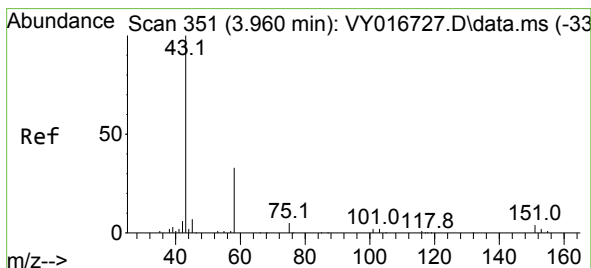
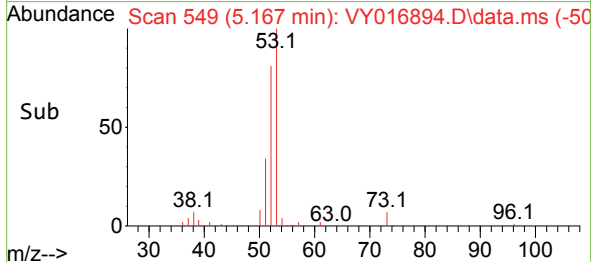
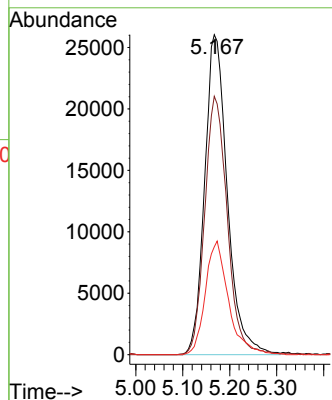
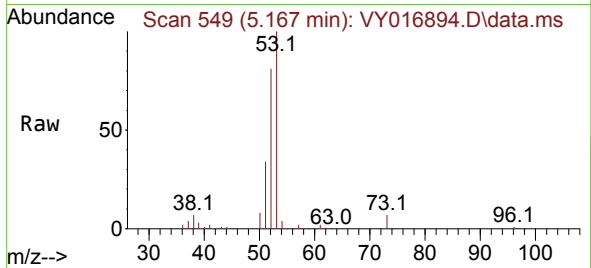




#15
Acrylonitrile
Concen: 227.431 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

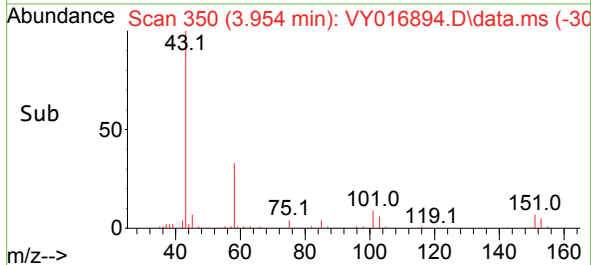
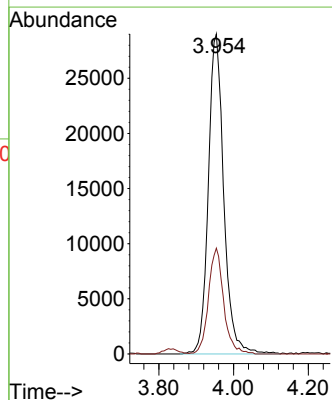
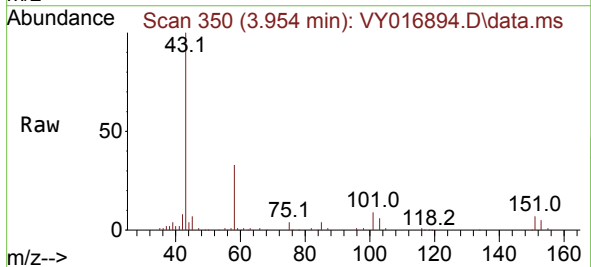
Instrument :
MSVOA_Y
ClientSampleId :

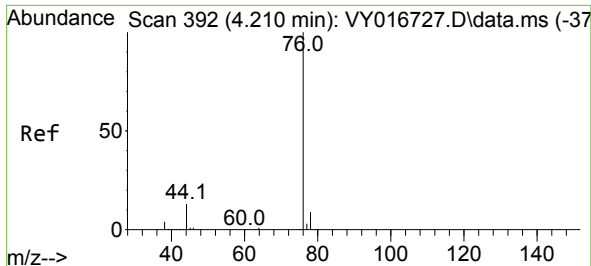
Tgt Ion:	53	Resp:	87503
Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.1	97.7
51	36.3	29.0	43.4



#16
Acetone
Concen: 223.763 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Tgt Ion:	43	Resp:	83103
Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.6	39.8

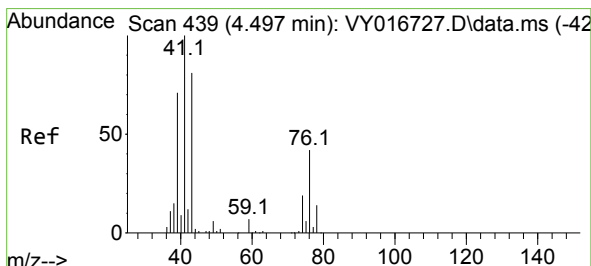
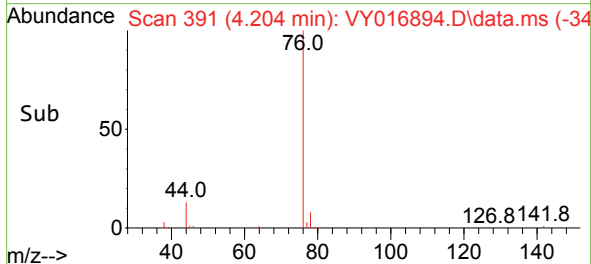
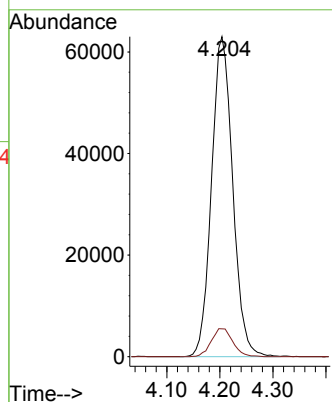
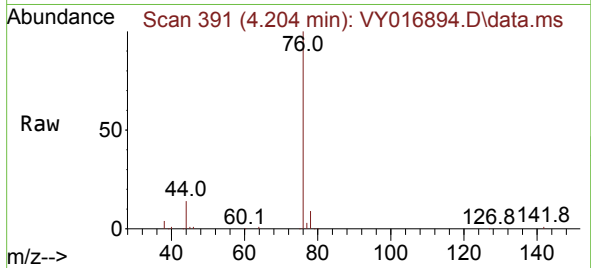




#17
Carbon Disulfide
Concen: 50.929 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

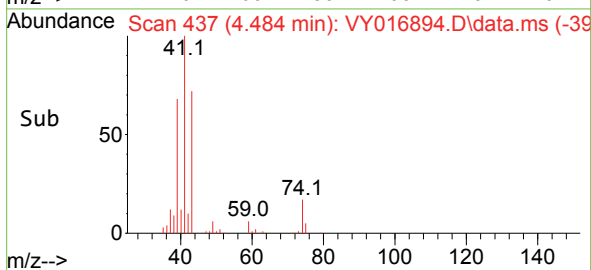
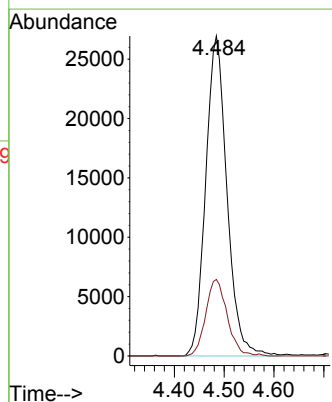
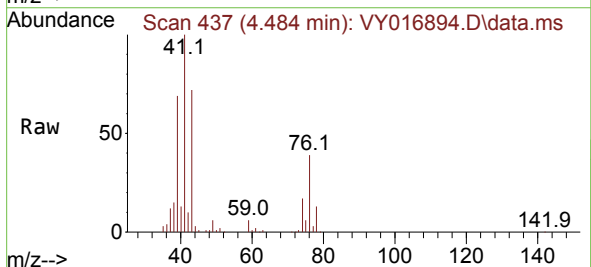
Instrument :
MSVOA_Y
ClientSampleId :

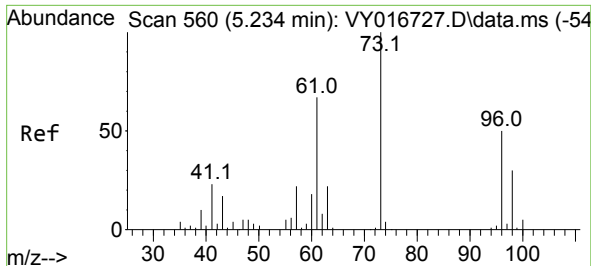
Tgt Ion: 76 Resp: 174734
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 49.924 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.013 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Tgt Ion: 43 Resp: 79697
Ion Ratio Lower Upper
43 100
74 24.1 19.8 29.6

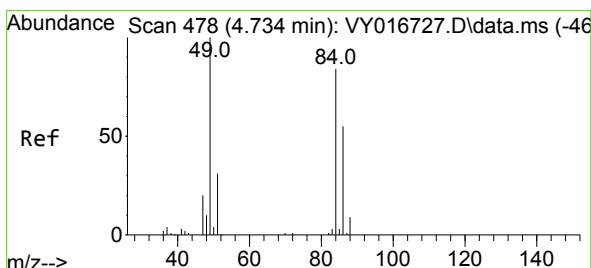
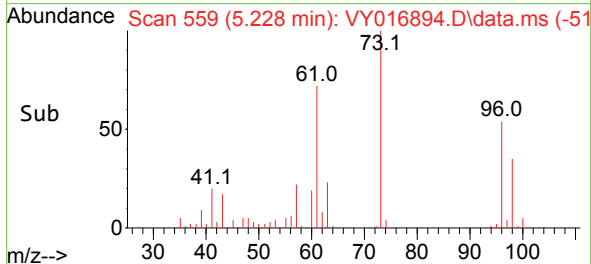
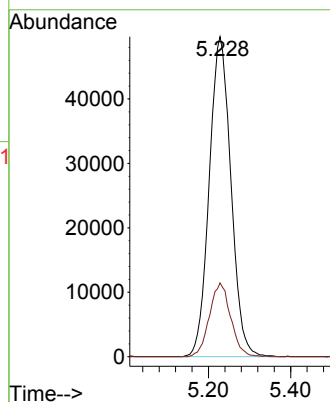
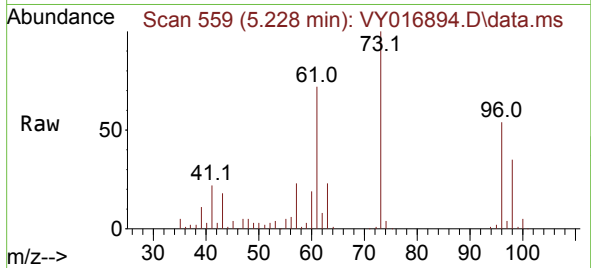




#19
Methyl tert-butyl Ether
Concen: 48.626 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

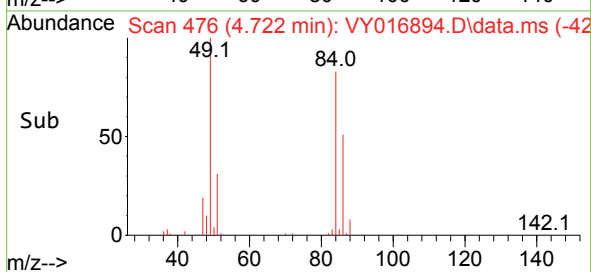
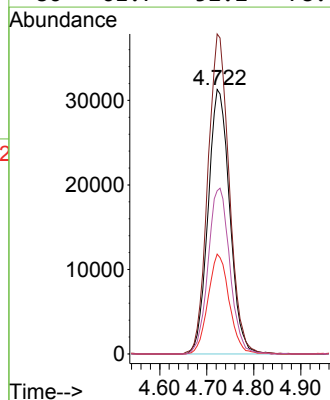
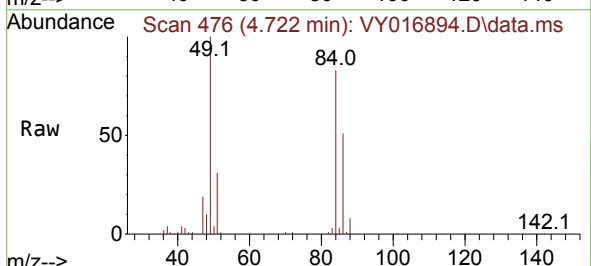
Instrument :
MSVOA_Y
ClientSampleId :

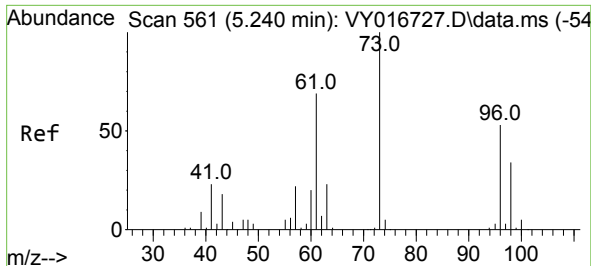
Tgt Ion: 73 Resp: 181651
Ion Ratio Lower Upper
73 100
57 23.1 17.7 26.5



#20
Methylene Chloride
Concen: 52.404 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Tgt Ion: 84 Resp: 99859
Ion Ratio Lower Upper
84 100
49 121.0 95.2 142.8
51 37.8 29.9 44.9
86 61.7 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.127 ug/l

RT: 5.228 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

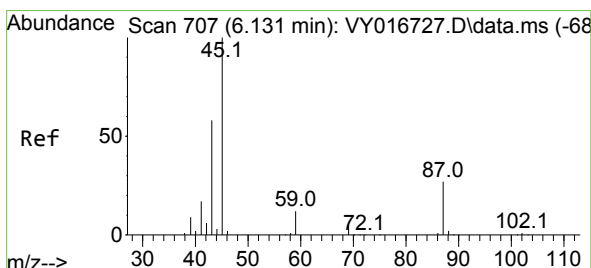
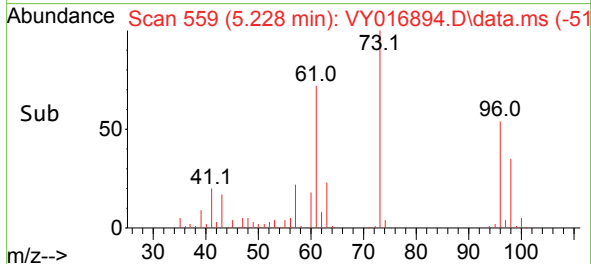
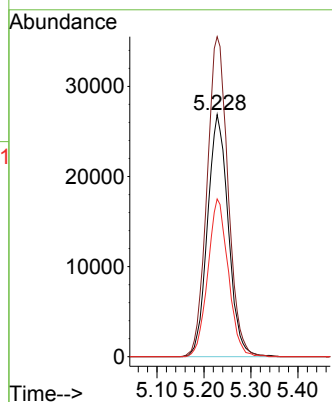
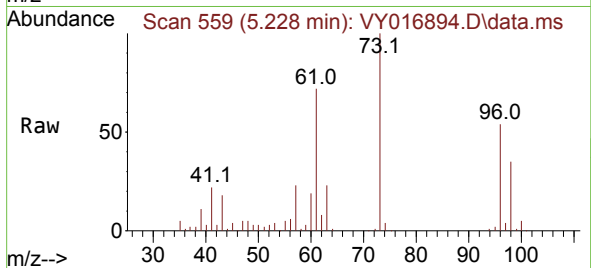
Tgt Ion: 96 Resp: 82436

Ion Ratio Lower Upper

96 100

61 132.1 104.6 156.8

98 65.2 50.9 76.3



#22

Diisopropyl ether

Concen: 51.105 ug/l

RT: 6.130 min Scan# 707

Delta R.T. -0.001 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Tgt Ion: 45 Resp: 268198

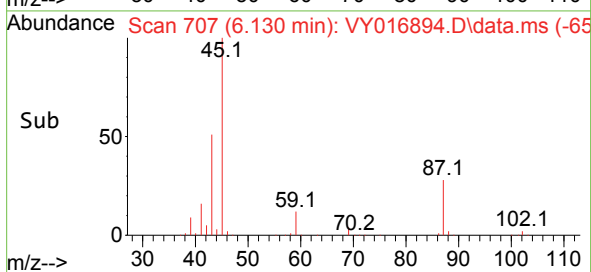
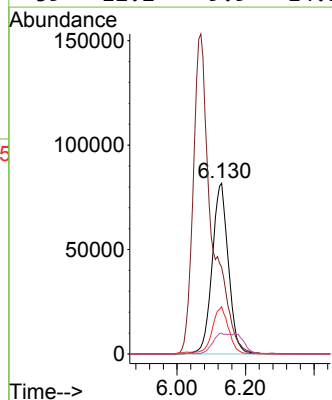
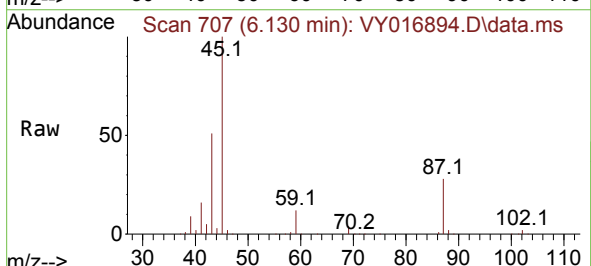
Ion Ratio Lower Upper

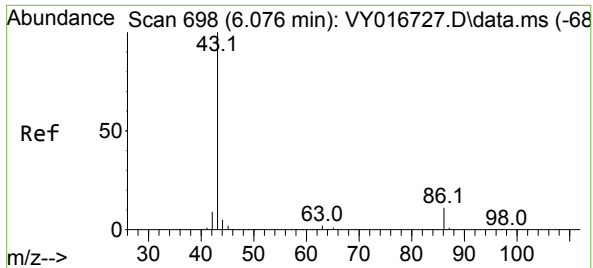
45 100

43 50.5 46.8 70.2

87 27.7 22.2 33.2

59 12.2 9.9 14.9

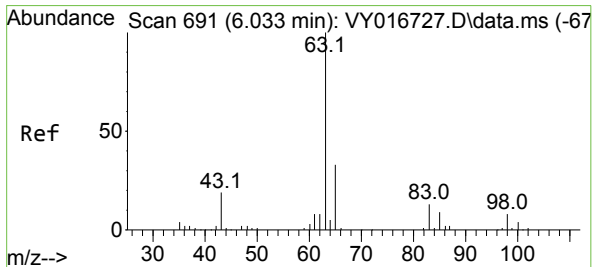
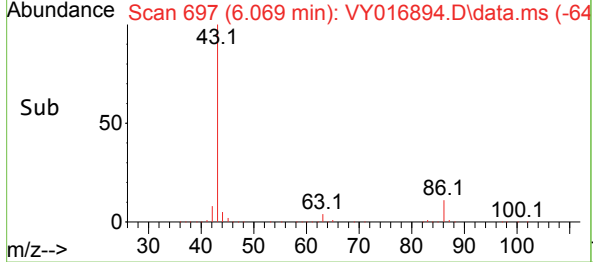
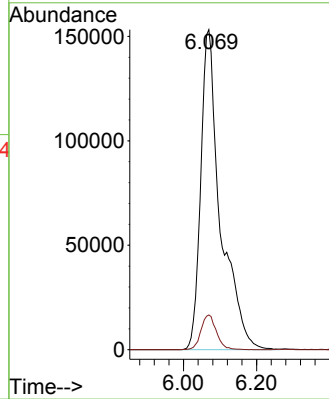
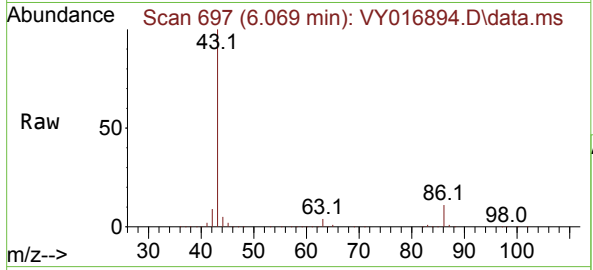




#23
 Vinyl Acetate
 Concen: 238.518 ug/l
 RT: 6.069 min Scan# 697
 Delta R.T. -0.007 min
 Lab File: VY016894.D
 Acq: 02 Jan 2024 14:21

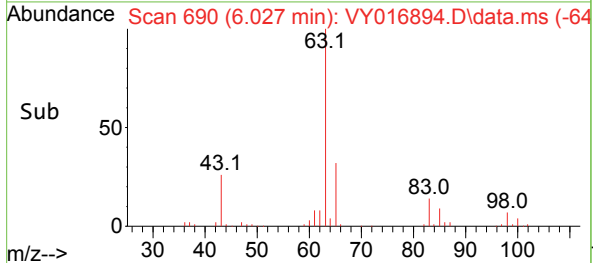
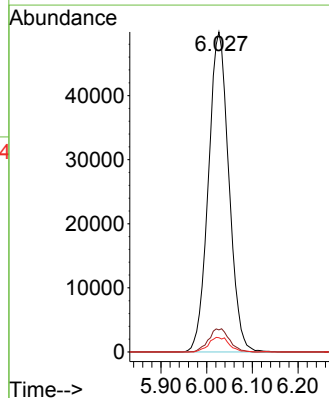
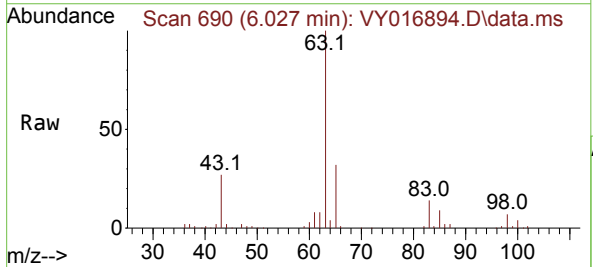
Instrument :
 MSVOA_Y
 ClientSampleId :

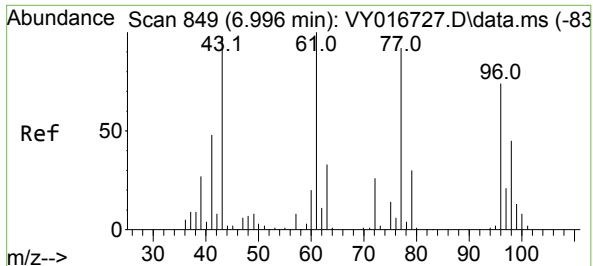
Tgt Ion: 43 Resp: 573952
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 49.219 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016894.D
 Acq: 02 Jan 2024 14:21

Tgt Ion: 63 Resp: 155221
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.4 2.1 6.2





#25

2-Butanone

Concen: 218.509 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

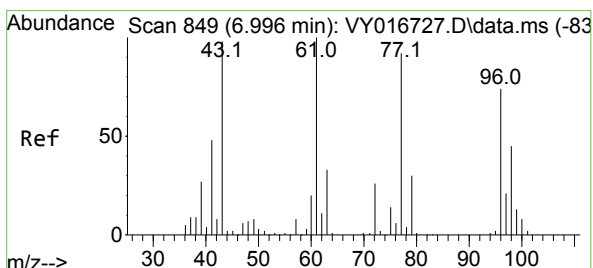
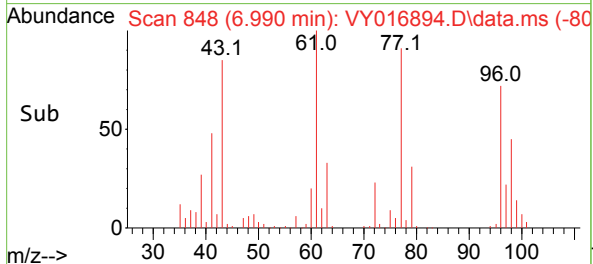
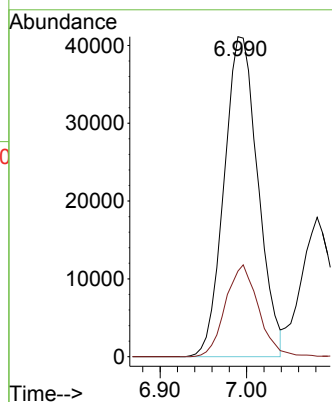
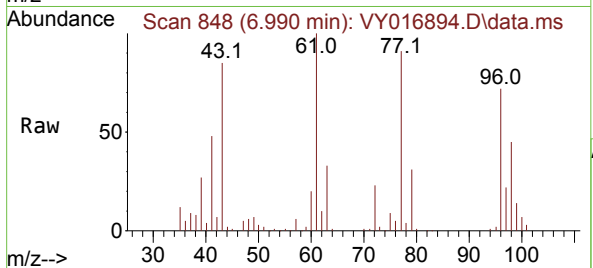
ClientSampleId :

Tgt Ion: 43 Resp: 111728

Ion Ratio Lower Upper

43 100

72 26.8 21.4 32.2



#26

2,2-Dichloropropane

Concen: 50.124 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016894.D

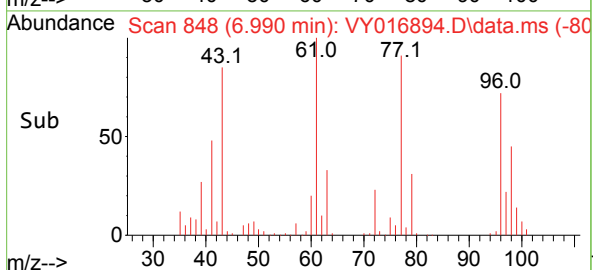
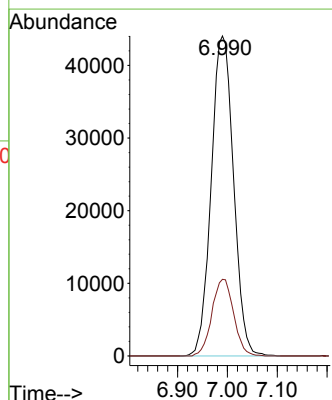
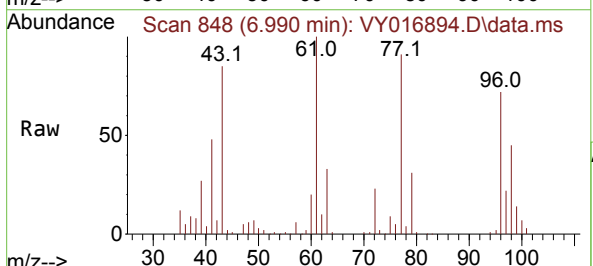
Acq: 02 Jan 2024 14:21

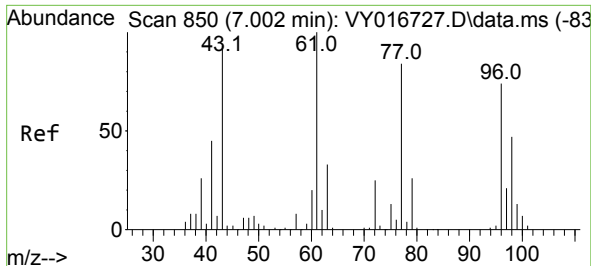
Tgt Ion: 77 Resp: 137058

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 50.347 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

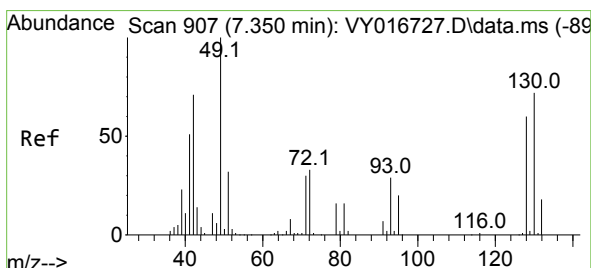
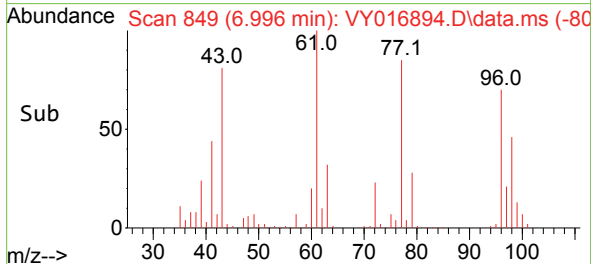
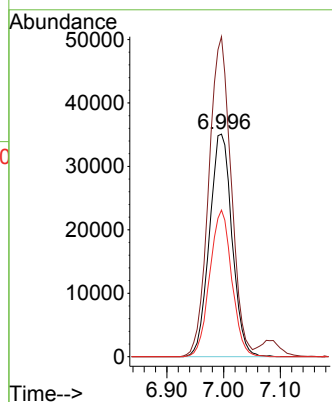
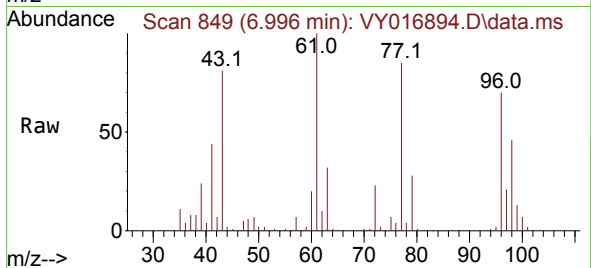
Tgt Ion: 96 Resp: 97058

Ion Ratio Lower Upper

96 100

61 142.0 0.0 278.8

98 64.1 0.0 127.0



#28

Bromochloromethane

Concen: 53.339 ug/l

RT: 7.337 min Scan# 905

Delta R.T. -0.013 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

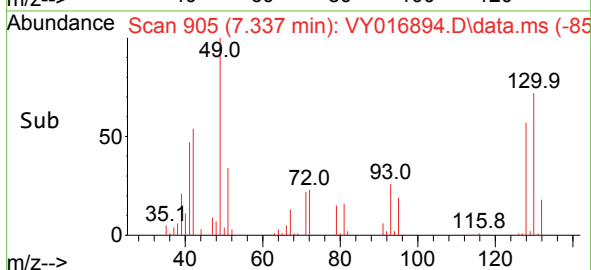
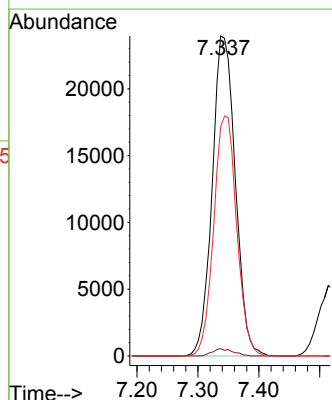
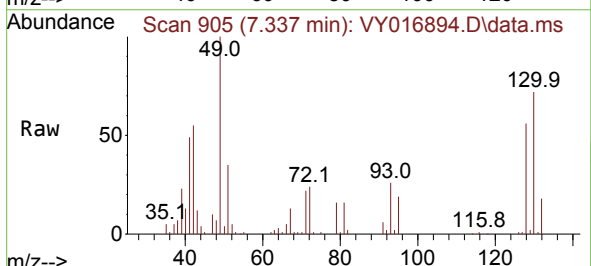
Tgt Ion: 49 Resp: 63151

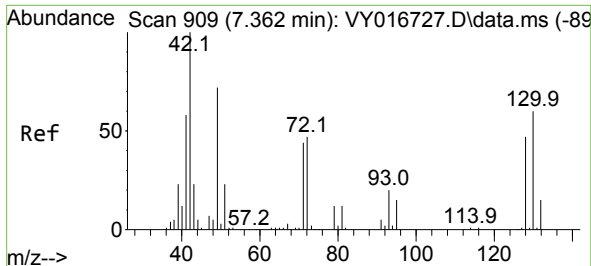
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 74.4 59.8 89.8





#29

Tetrahydrofuran

Concen: 220.872 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

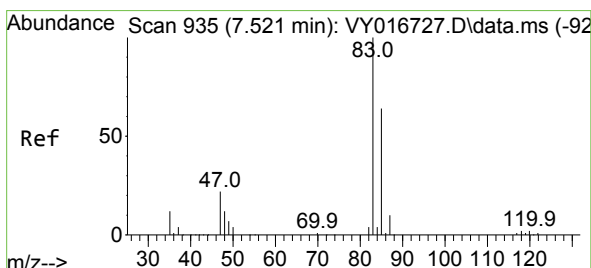
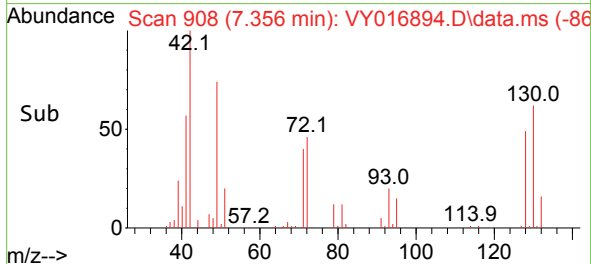
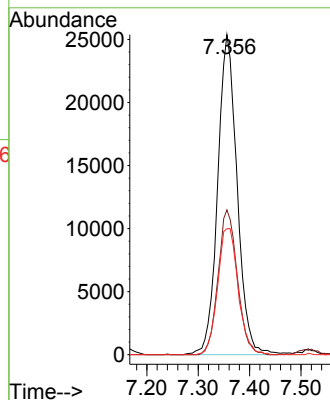
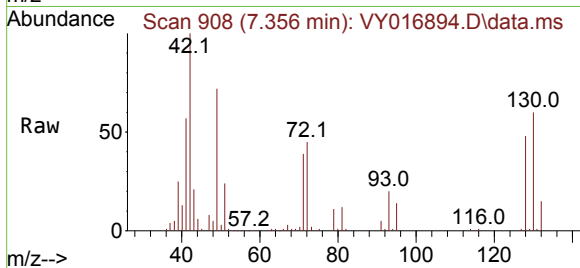
Tgt Ion: 42 Resp: 66609

Ion Ratio Lower Upper

42 100

72 44.8 36.6 54.8

71 41.8 33.8 50.6



#30

Chloroform

Concen: 49.334 ug/l

RT: 7.514 min Scan# 934

Delta R.T. -0.007 min

Lab File: VY016894.D

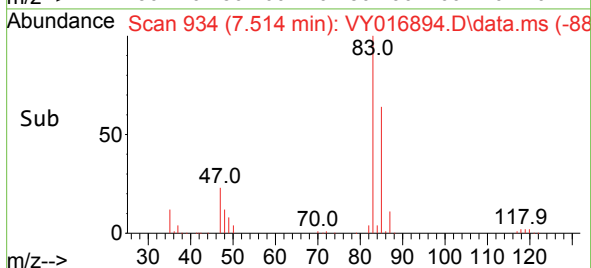
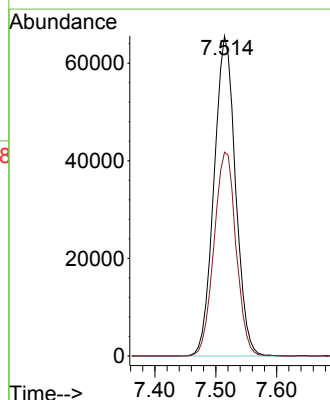
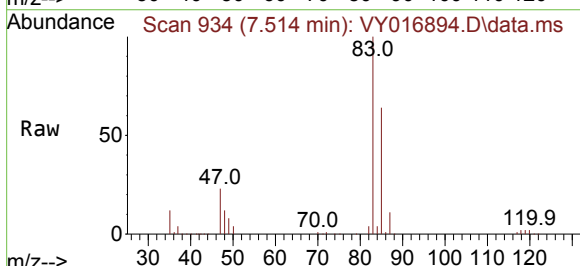
Acq: 02 Jan 2024 14:21

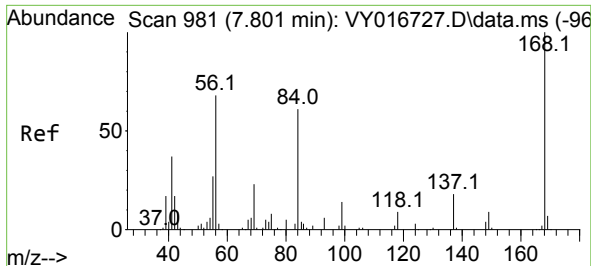
Tgt Ion: 83 Resp: 160332

Ion Ratio Lower Upper

83 100

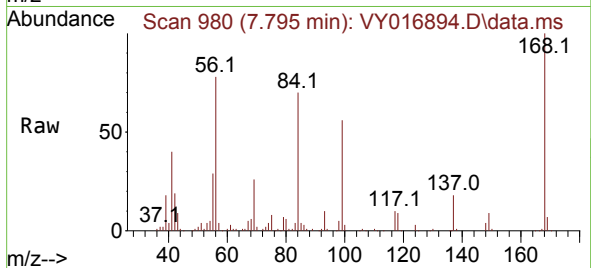
85 63.7 51.2 76.8



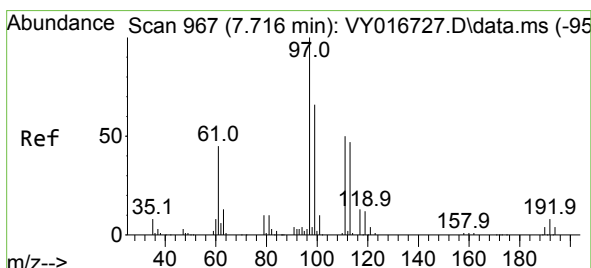
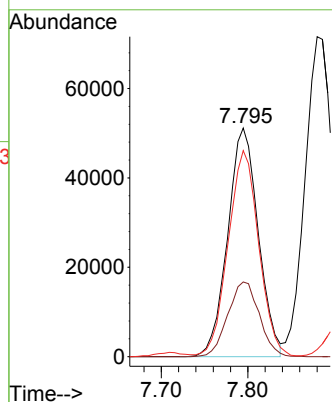
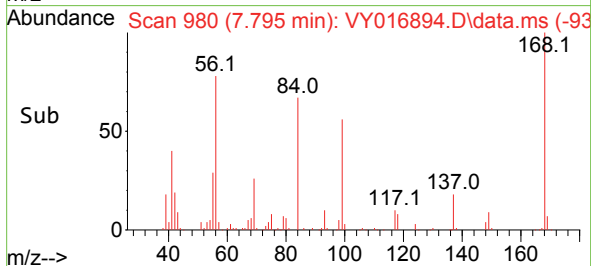


#31
Cyclohexane
Concen: 49.065 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

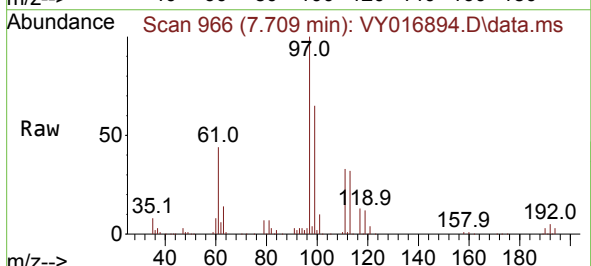
Instrument :
MSVOA_Y
ClientSampleId :



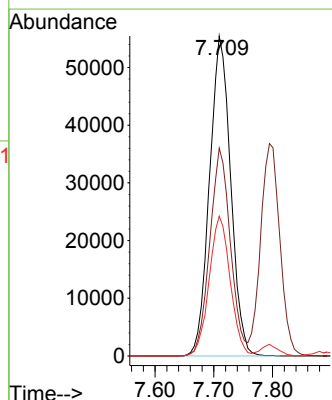
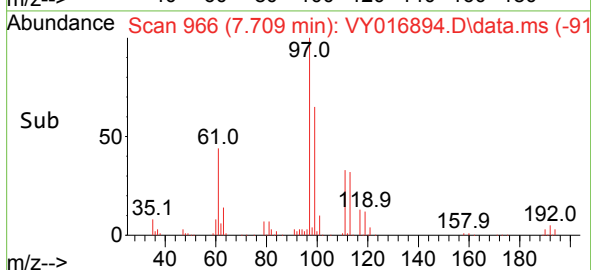
Tgt Ion: 56 Resp: 125477
Ion Ratio Lower Upper
56 100
69 32.7 27.0 40.6
84 88.9 71.8 107.6

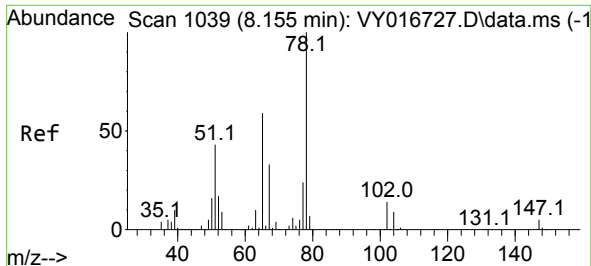


#32
1,1,1-Trichloroethane
Concen: 50.223 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.007 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21



Tgt Ion: 97 Resp: 138395
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 43.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 45.126 ug/l

RT: 8.148 min Scan# 1039

Delta R.T. -0.007 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

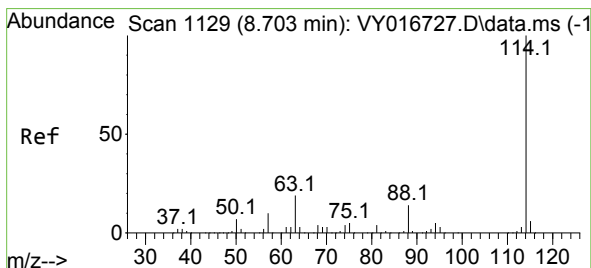
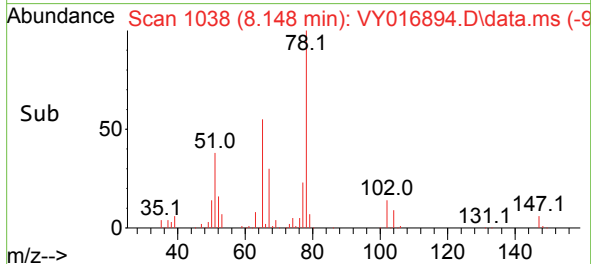
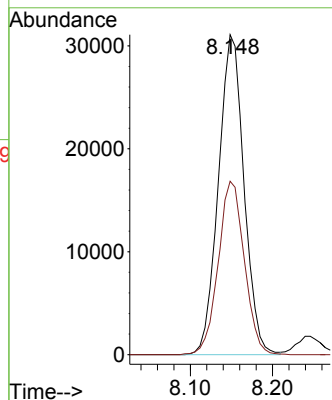
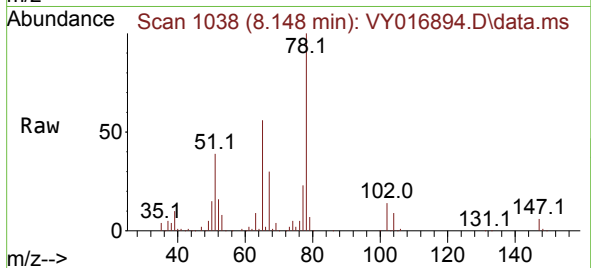
ClientSampleId :

Tgt Ion: 65 Resp: 67239

Ion Ratio Lower Upper

65 100

67 55.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

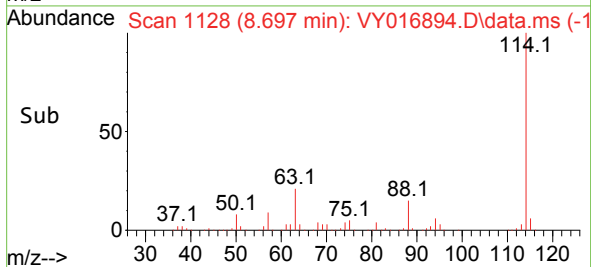
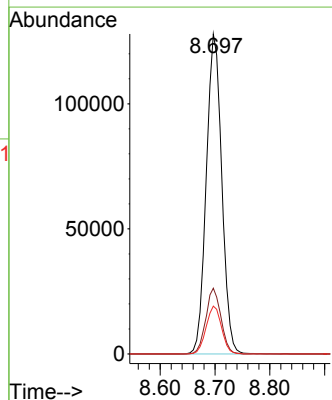
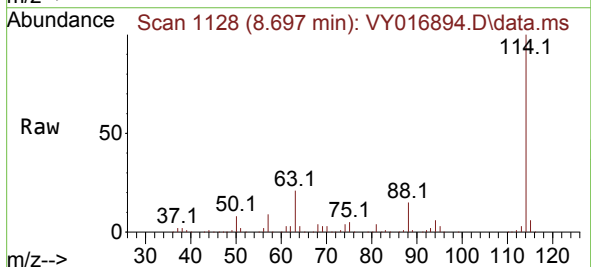
Tgt Ion: 114 Resp: 250199

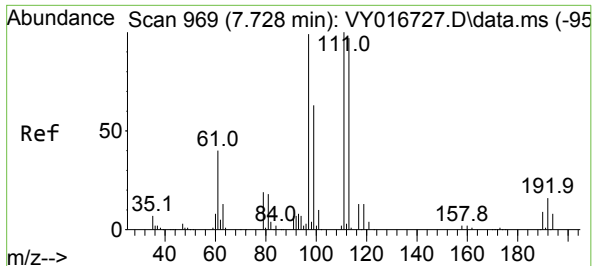
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

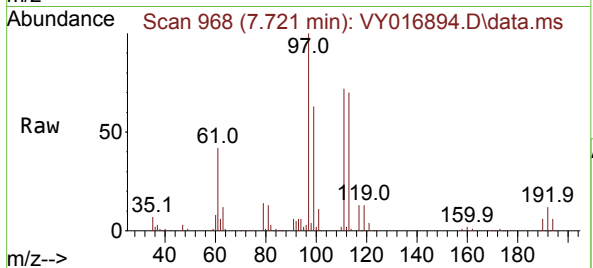
88 15.0 0.0 29.0



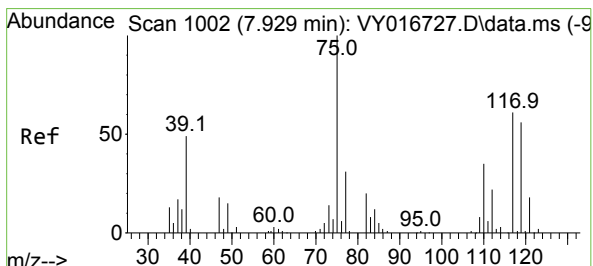
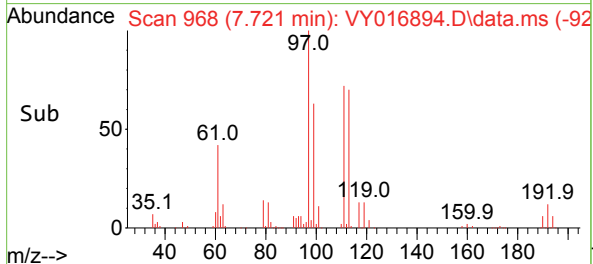
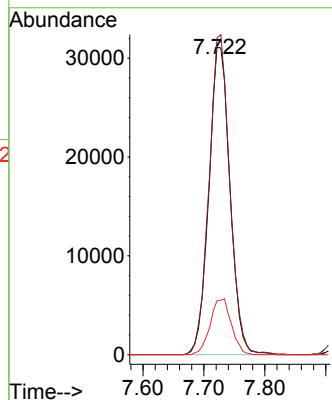


#35
Dibromofluoromethane
Concen: 47.112 ug/l
RT: 7.721 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :

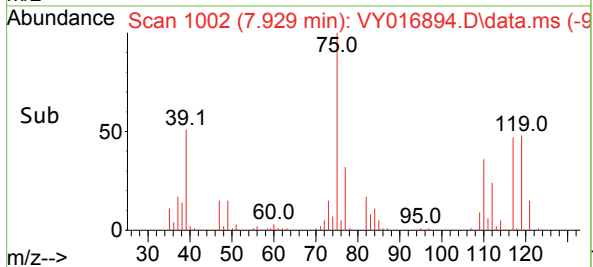
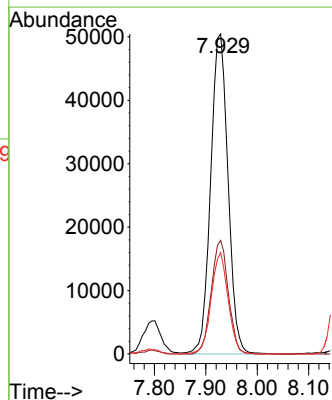
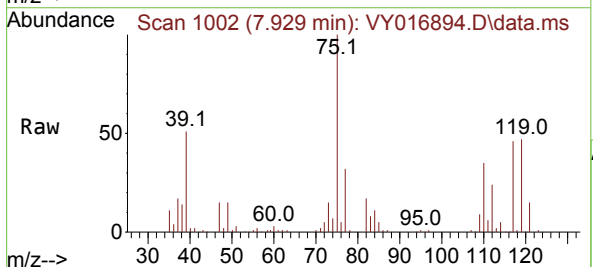


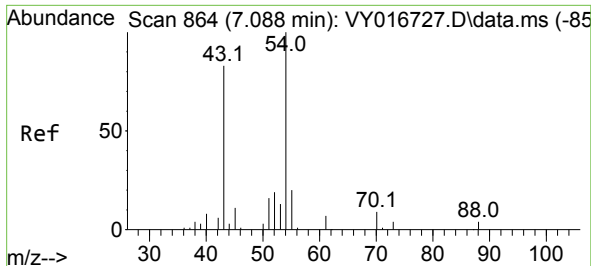
Tgt Ion:113 Resp: 75114
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 18.1 14.5 21.7



#36
1,1-Dichloropropene
Concen: 51.020 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Tgt Ion: 75 Resp: 118548
Ion Ratio Lower Upper
75 100
110 34.9 17.4 52.3
77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 44.129 ug/l

RT: 7.081 min Scan# 8

Delta R.T. -0.007 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

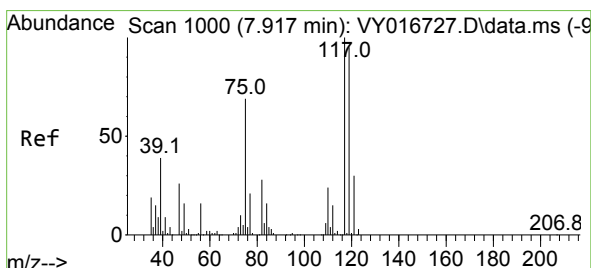
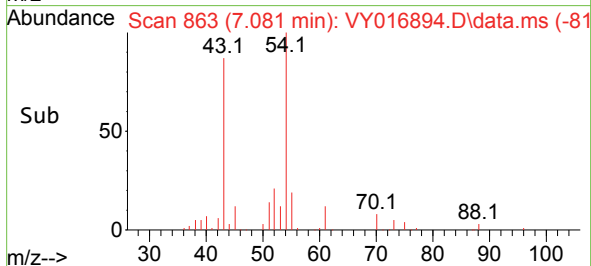
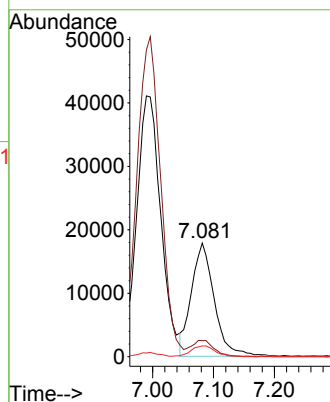
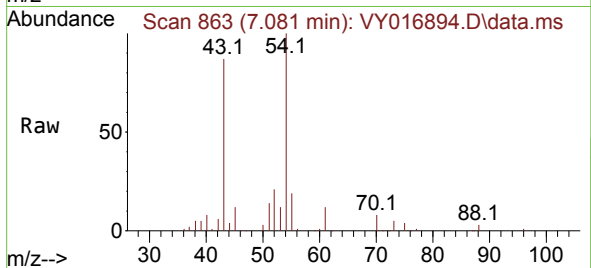
Tgt Ion: 43 Resp: 46597

Ion Ratio Lower Upper

43 100

61 13.6 11.0 16.6

70 10.1 8.1 12.1



#38

Carbon Tetrachloride

Concen: 50.535 ug/l

RT: 7.910 min Scan# 999

Delta R.T. -0.007 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

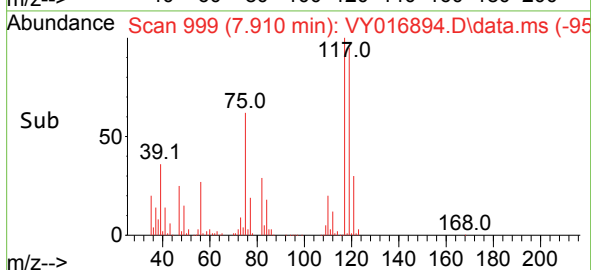
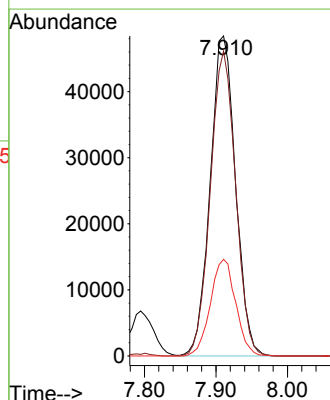
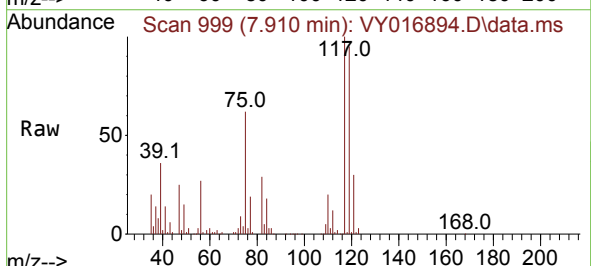
Tgt Ion:117 Resp: 119299

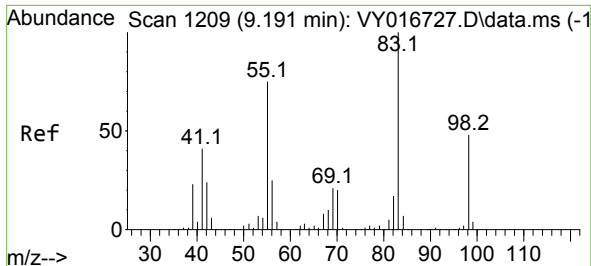
Ion Ratio Lower Upper

117 100

119 95.3 76.0 114.0

121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 53.008 ug/l

RT: 9.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

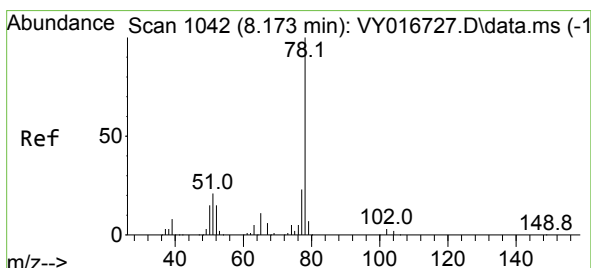
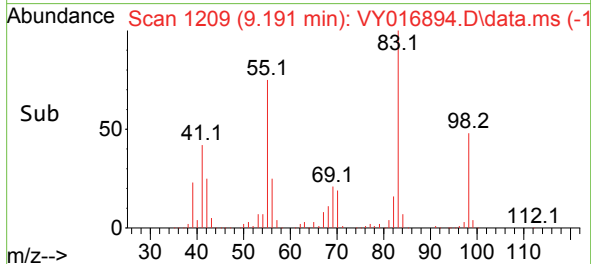
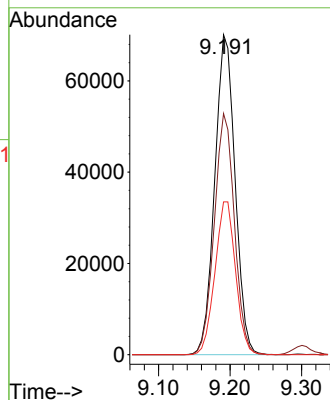
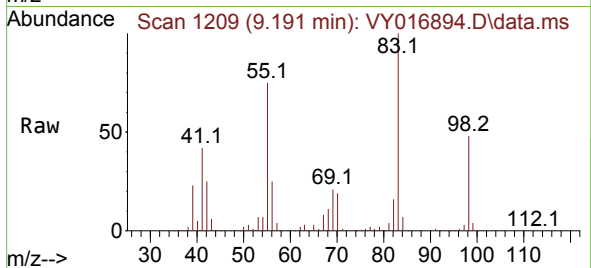
Tgt Ion: 83 Resp: 138463

Ion Ratio Lower Upper

83 100

55 75.3 59.7 89.5

98 47.7 38.0 57.0



#40

Benzene

Concen: 50.333 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016894.D

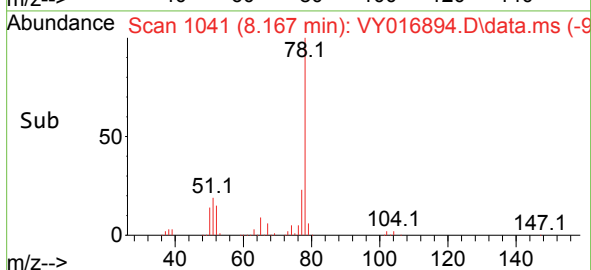
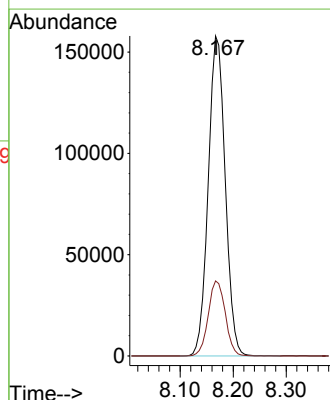
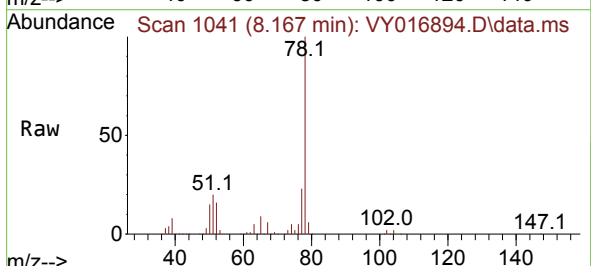
Acq: 02 Jan 2024 14:21

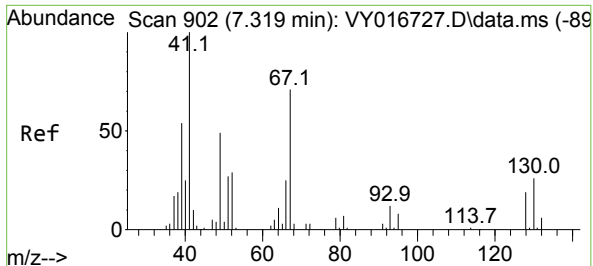
Tgt Ion: 78 Resp: 350830

Ion Ratio Lower Upper

78 100

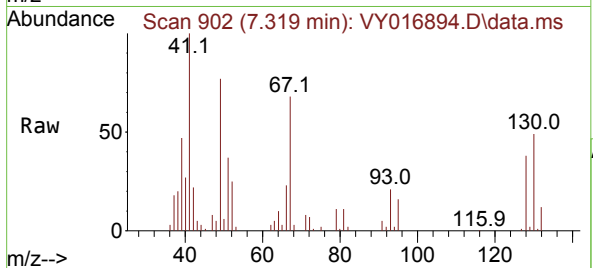
77 23.5 18.8 28.2



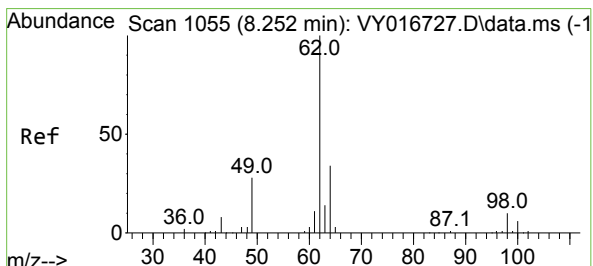
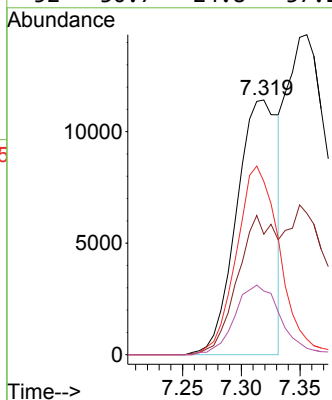
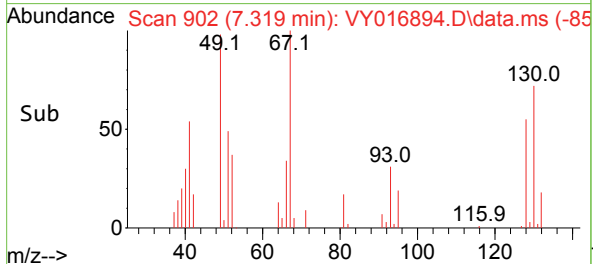


#41
Methacrylonitrile
Concen: 50.362 ug/l
RT: 7.319 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :

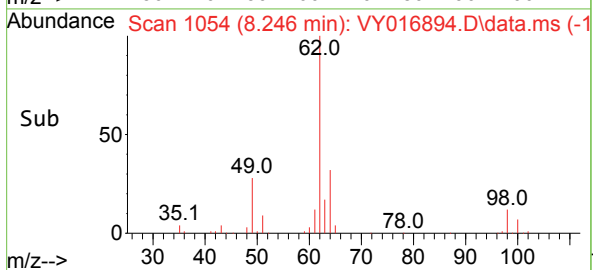
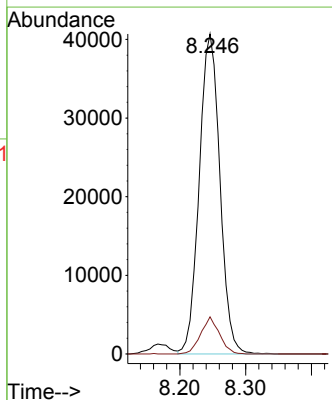
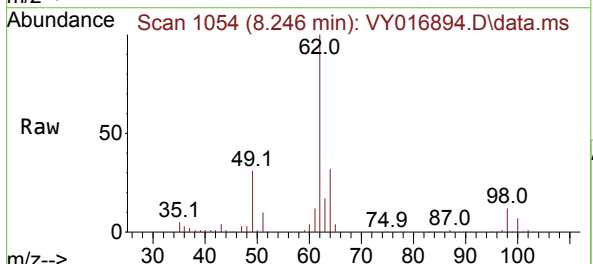


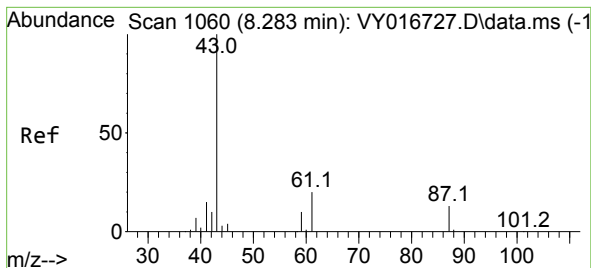
Tgt Ion: 41	Resp: 28007
Ion Ratio	Lower Upper
41 100	
39 51.2	41.9 62.9
67 78.1	59.8 89.6
52 30.7	24.8 37.2



#42
1,2-Dichloroethane
Concen: 48.093 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Tgt Ion: 62	Resp: 88992
Ion Ratio	Lower Upper
62 100	
98 10.5	0.0 20.2





#43

Isopropyl Acetate

Concen: 45.880 ug/l

RT: 8.282 min Scan# 1060

Delta R.T. -0.001 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

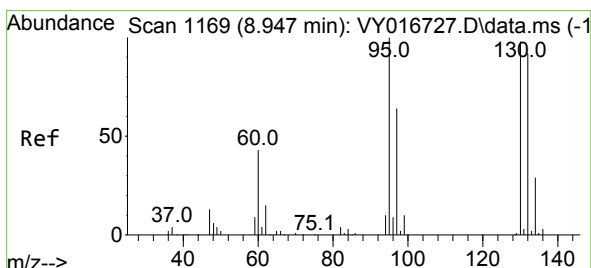
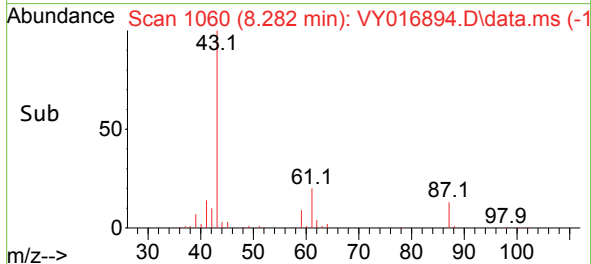
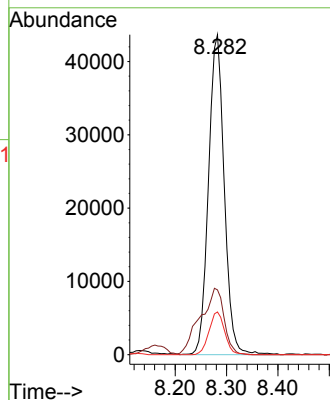
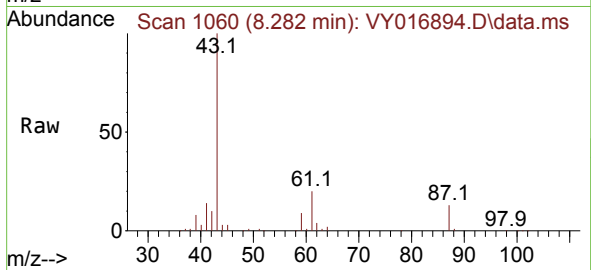
Tgt Ion: 43 Resp: 92773

Ion Ratio Lower Upper

43 100

61 31.3 24.8 37.2

87 13.3 10.7 16.1



#44

Trichloroethene

Concen: 50.827 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VY016894.D

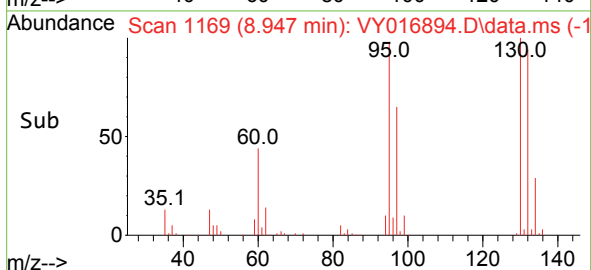
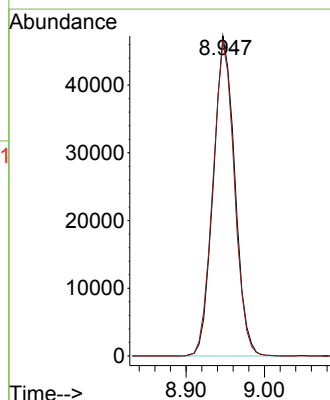
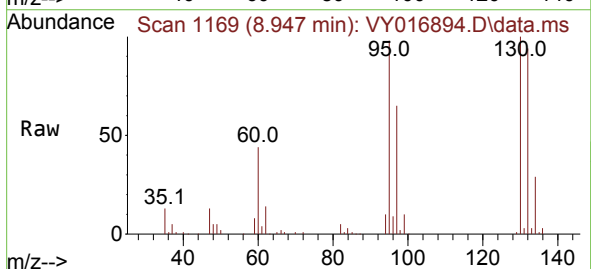
Acq: 02 Jan 2024 14:21

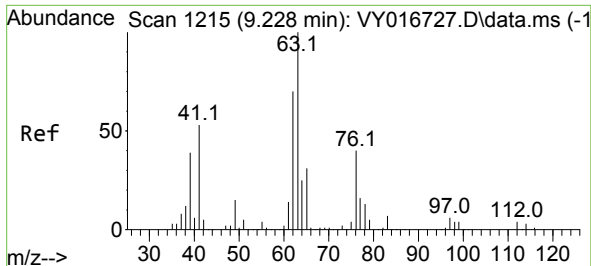
Tgt Ion:130 Resp: 90148

Ion Ratio Lower Upper

130 100

95 98.2 0.0 203.8





#45

1,2-Dichloropropane

Concen: 49.718 ug/l

RT: 9.227 min Scan# 1215

Delta R.T. -0.001 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

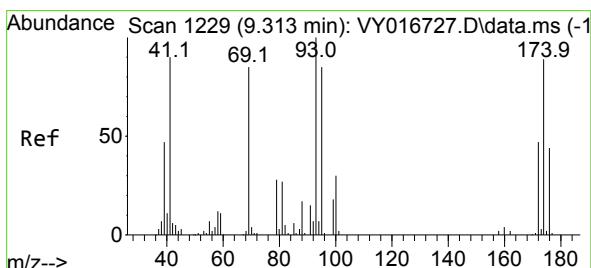
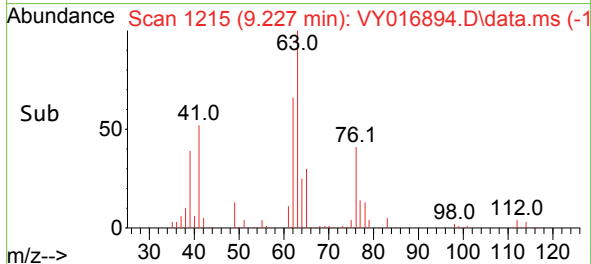
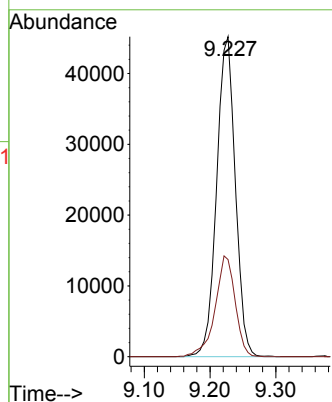
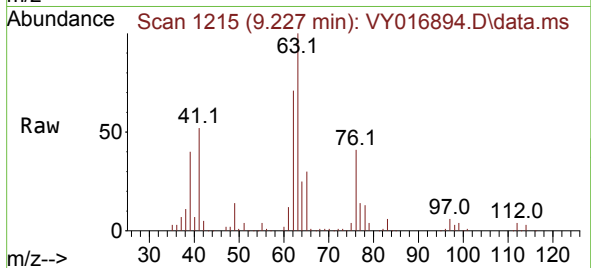
ClientSampleId :

Tgt Ion: 63 Resp: 89277

Ion Ratio Lower Upper

63 100

65 30.4 24.6 36.8



#46

Dibromomethane

Concen: 48.408 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

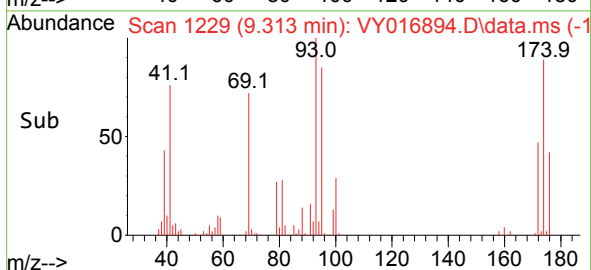
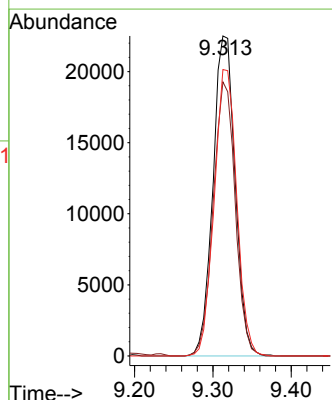
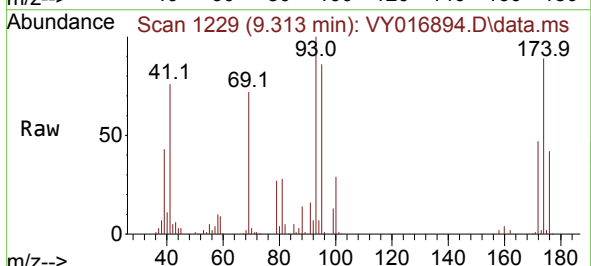
Tgt Ion: 93 Resp: 44332

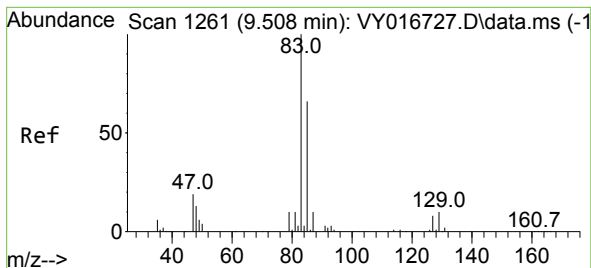
Ion Ratio Lower Upper

93 100

95 84.8 66.6 99.8

174 90.8 73.8 110.6





#47

Bromodichloromethane

Concen: 49.151 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. -0.000 min

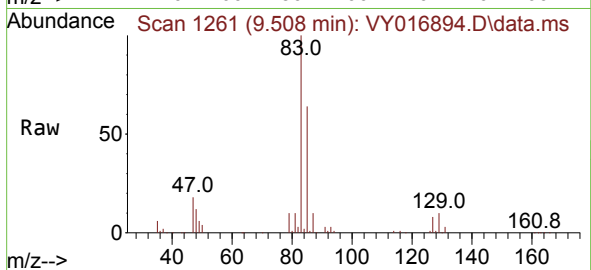
Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :



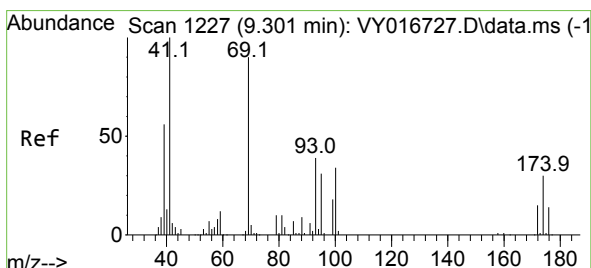
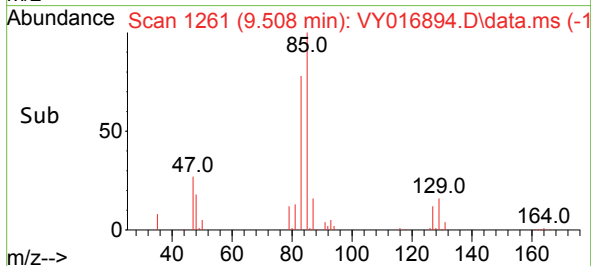
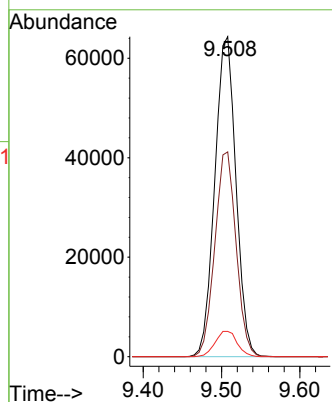
Tgt Ion: 83 Resp: 120872

Ion Ratio Lower Upper

83 100

85 64.0 53.2 79.8

127 7.9 6.4 9.6



#48

Methyl methacrylate

Concen: 49.314 ug/l

RT: 9.300 min Scan# 1227

Delta R.T. -0.001 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

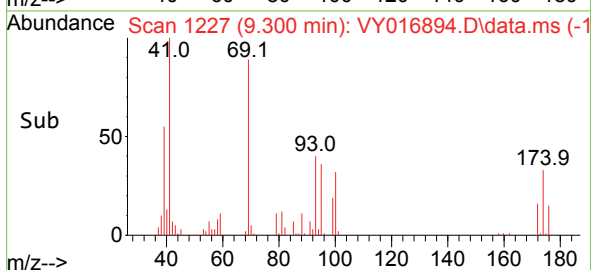
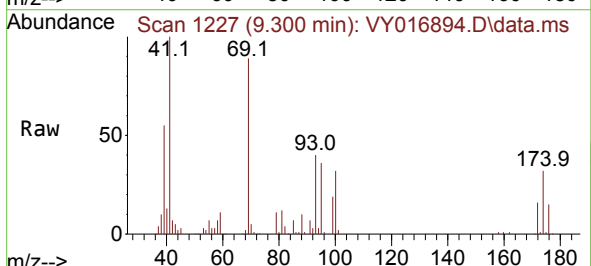
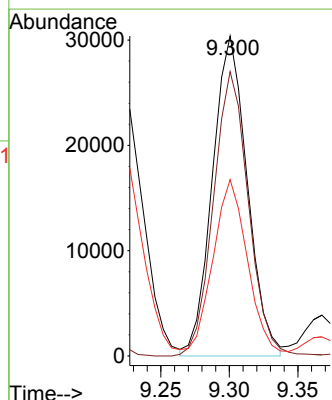
Tgt Ion: 41 Resp: 53814

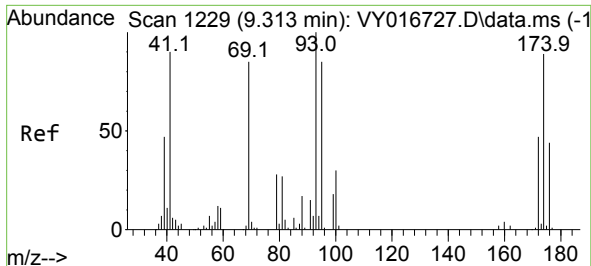
Ion Ratio Lower Upper

41 100

69 89.2 72.1 108.1

39 51.8 42.8 64.2





#49

1,4-Dioxane

Concen: 928.874 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

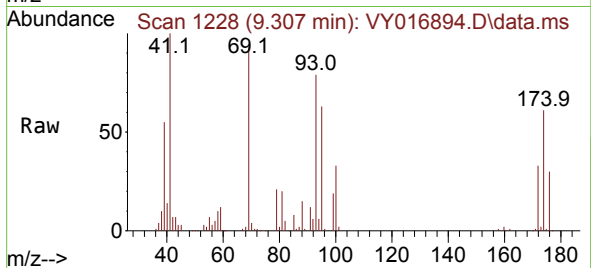
Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :



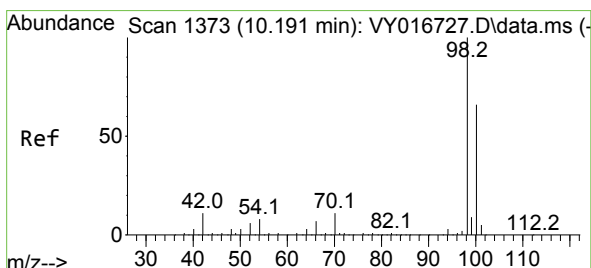
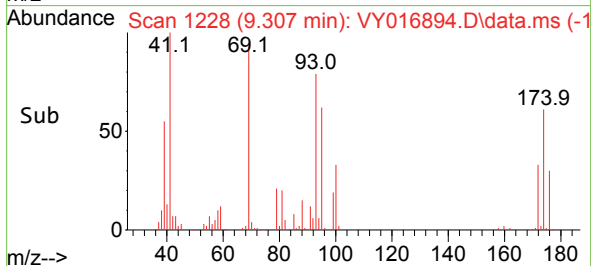
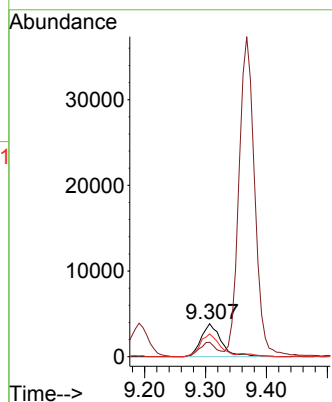
Tgt Ion: 88 Resp: 8808

Ion Ratio Lower Upper

88 100

43 39.0 28.2 42.4

58 66.5 52.2 78.2



#50

Toluene-d8

Concen: 48.097 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016894.D

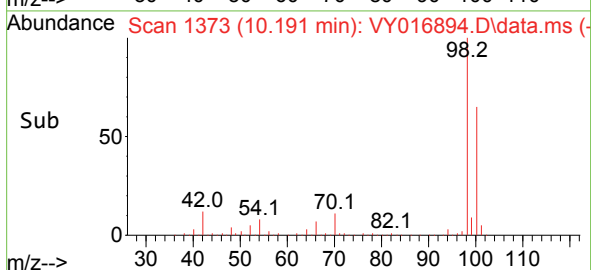
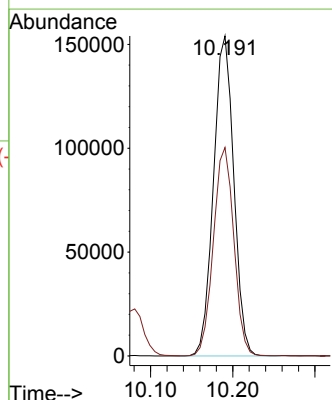
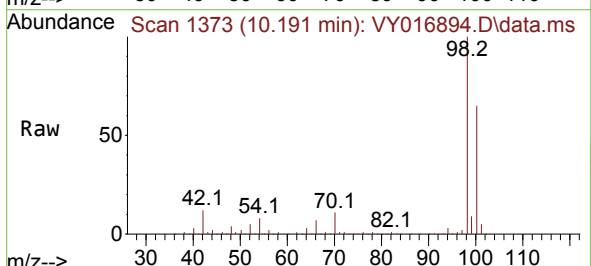
Acq: 02 Jan 2024 14:21

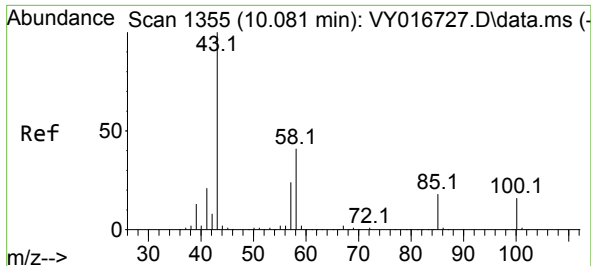
Tgt Ion: 98 Resp: 264060

Ion Ratio Lower Upper

98 100

100 65.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 228.923 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.006 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

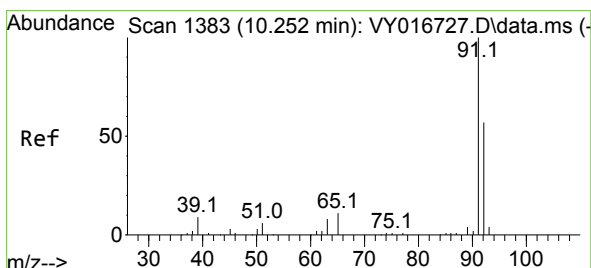
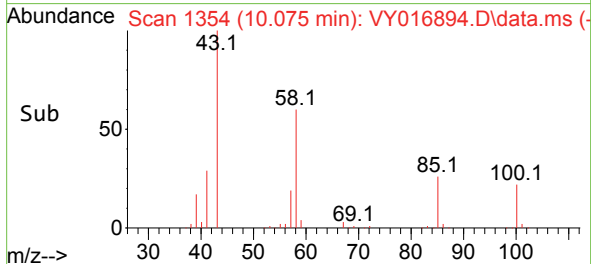
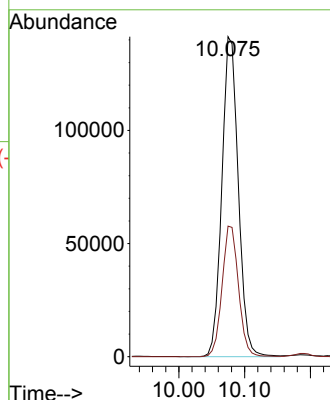
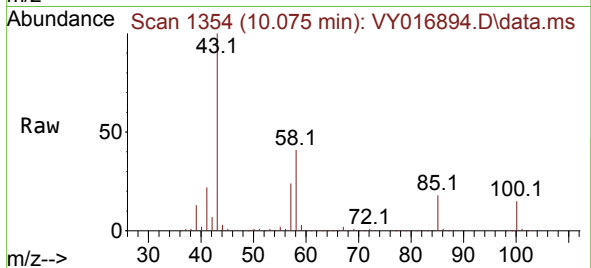
ClientSampleId :

Tgt Ion: 43 Resp: 246177

Ion Ratio Lower Upper

43 100

58 40.8 32.2 48.2



#52

Toluene

Concen: 51.072 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY016894.D

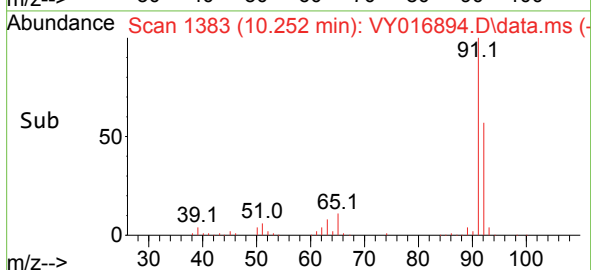
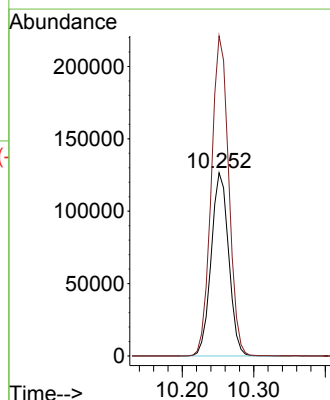
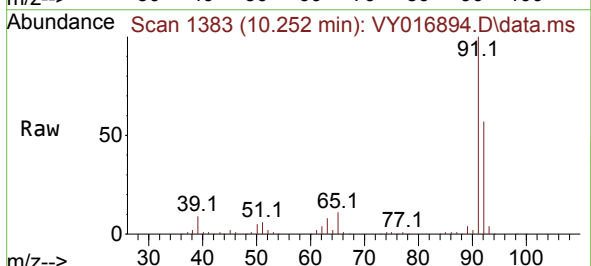
Acq: 02 Jan 2024 14:21

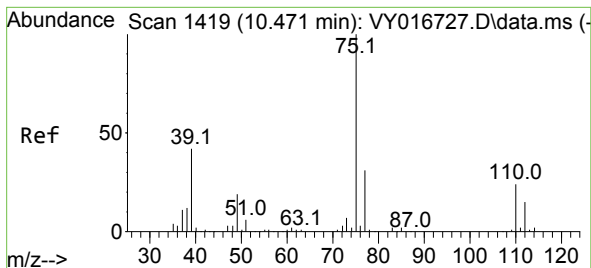
Tgt Ion: 92 Resp: 214834

Ion Ratio Lower Upper

92 100

91 174.3 137.6 206.4

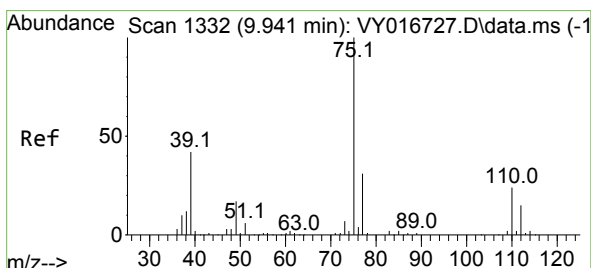
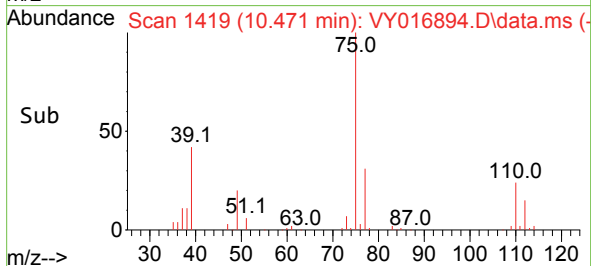
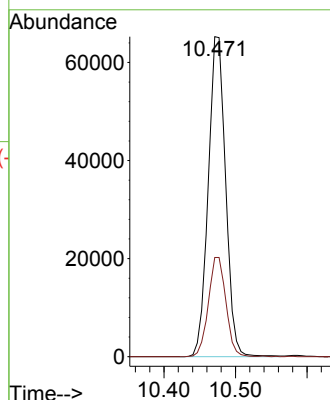
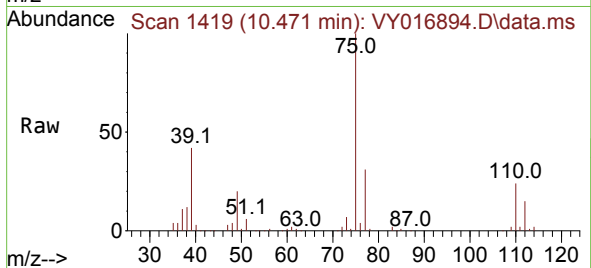




#53
 t-1,3-Dichloropropene
 Concen: 50.038 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY016894.D
 Acq: 02 Jan 2024 14:21

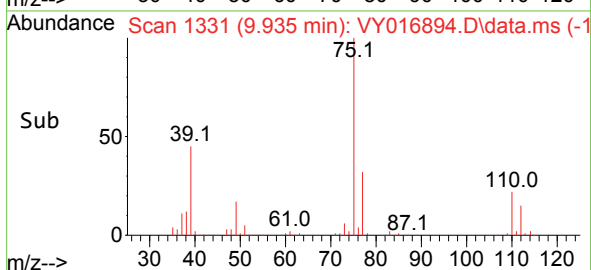
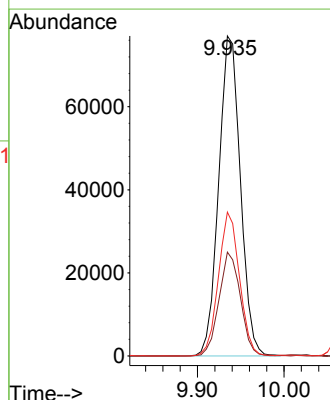
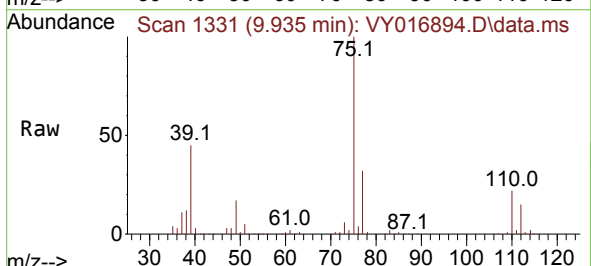
Instrument :
 MSVOA_Y
 ClientSampleId :

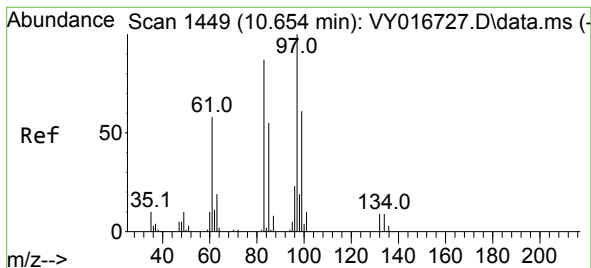
Tgt Ion: 75 Resp: 110224
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 50.656 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016894.D
 Acq: 02 Jan 2024 14:21

Tgt Ion: 75 Resp: 134005
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 36.8
 39 45.0 33.6 50.4

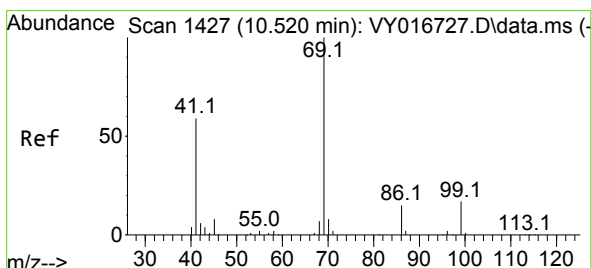
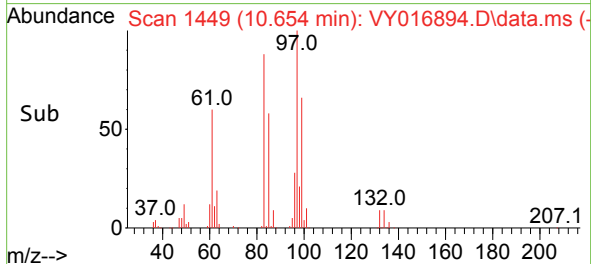
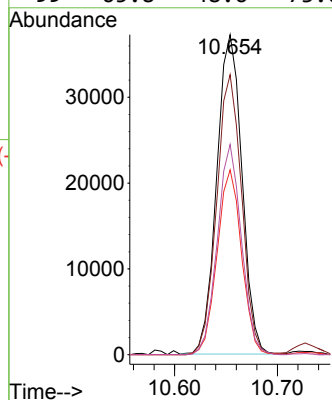
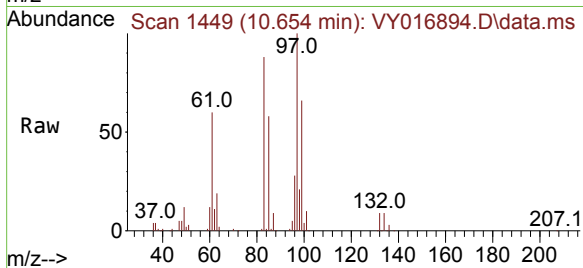




#55
1,1,2-Trichloroethane
Concen: 47.435 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

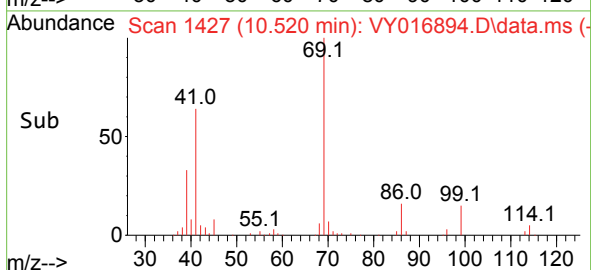
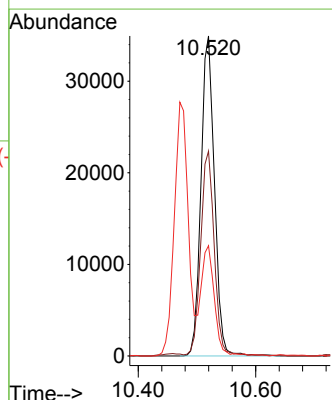
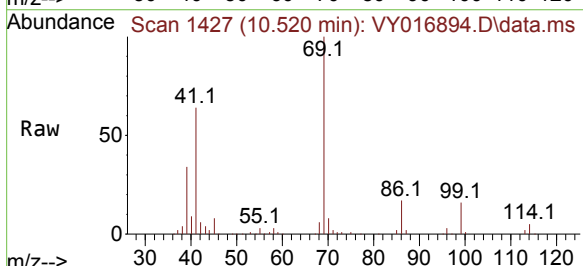
Instrument :
MSVOA_Y
ClientSampleId :

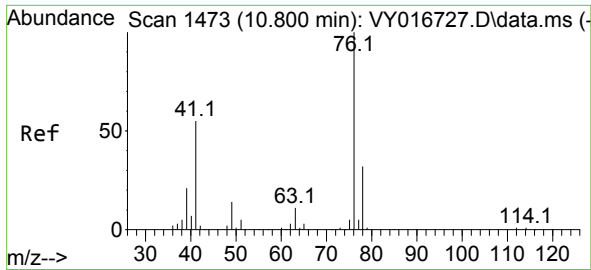
Tgt Ion: 97	Resp: 63464
Ion Ratio	Lower Upper
97 100	
83 87.7	69.4 104.2
85 57.9	43.9 65.9
99 65.8	48.6 73.0



#56
Ethyl methacrylate
Concen: 49.165 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Tgt Ion: 69	Resp: 55715
Ion Ratio	Lower Upper
69 100	
41 63.7	49.2 73.8
39 34.3	26.8 40.2

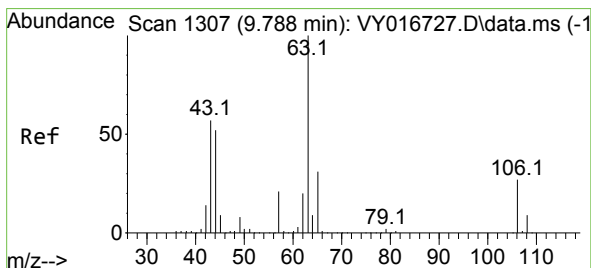
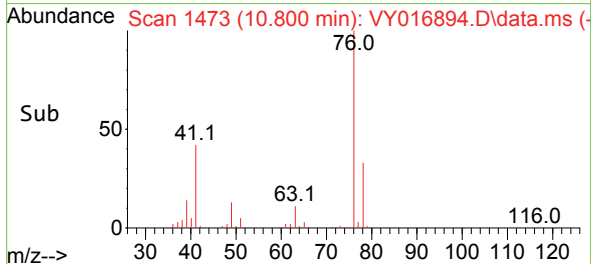
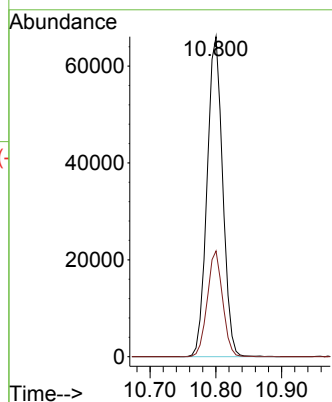
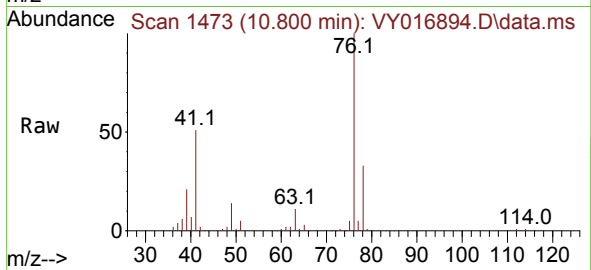




#57
1,3-Dichloropropane
Concen: 48.814 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

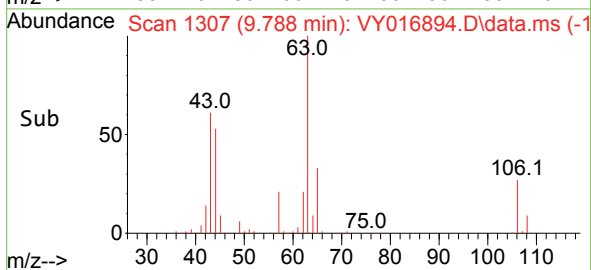
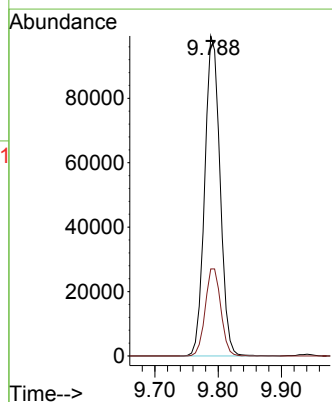
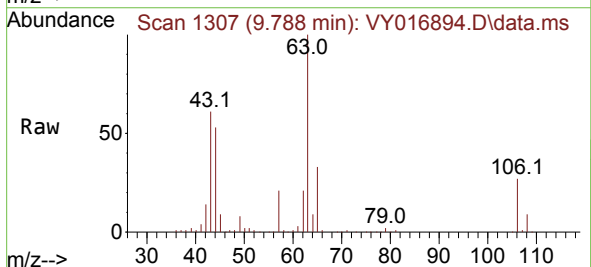
Instrument :
MSVOA_Y
ClientSampleId :

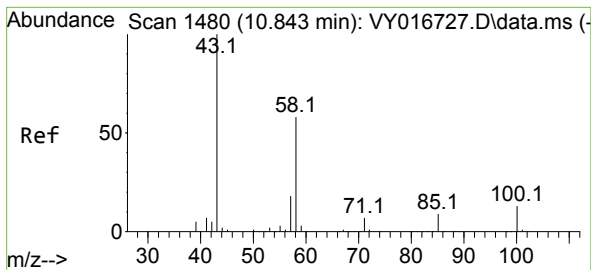
Tgt Ion: 76 Resp: 109039
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 235.967 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Tgt Ion: 63 Resp: 167516
Ion Ratio Lower Upper
63 100
106 27.7 22.4 33.6

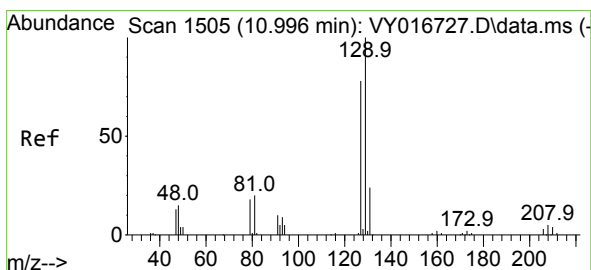
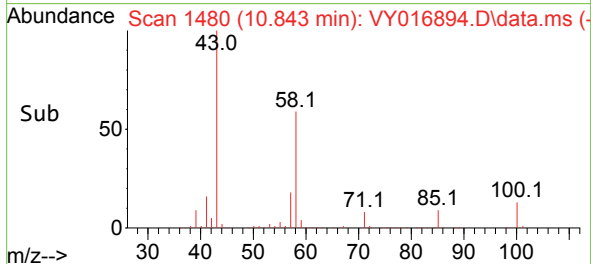
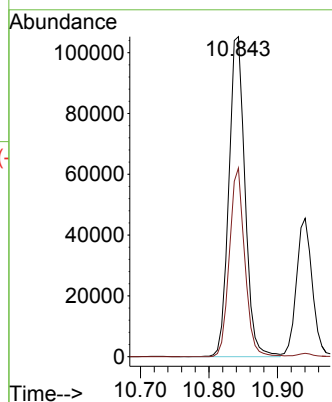
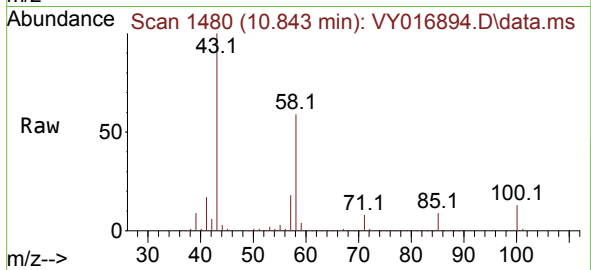




#59
2-Hexanone
Concen: 218.016 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

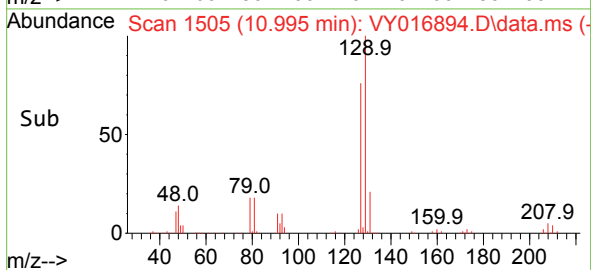
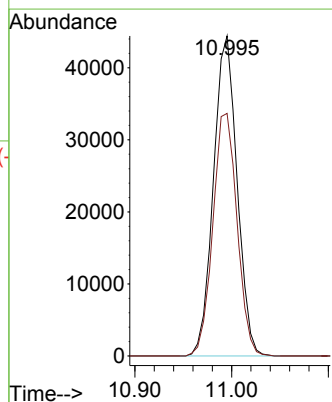
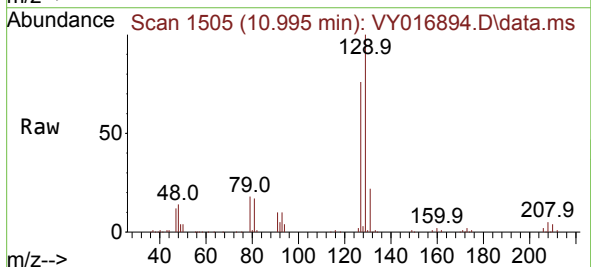
Instrument :
MSVOA_Y
ClientSampleId :

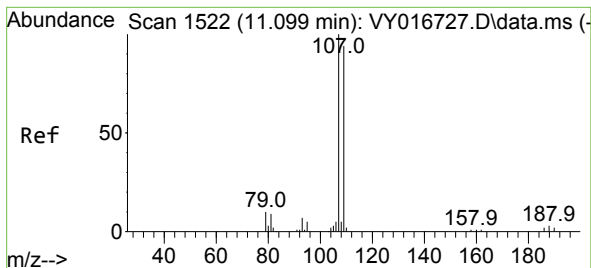
Tgt Ion: 43 Resp: 172631
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.3



#60
Dibromochloromethane
Concen: 48.766 ug/l
RT: 10.995 min Scan# 1505
Delta R.T. -0.001 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Tgt Ion:129 Resp: 75242
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6

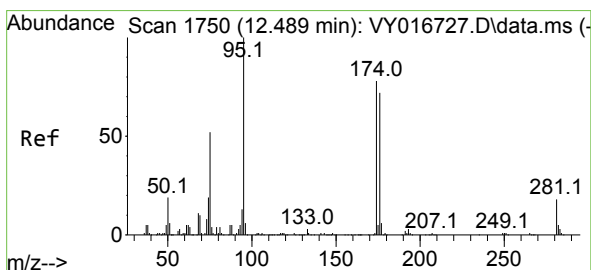
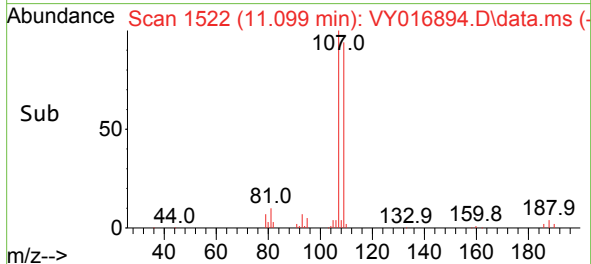
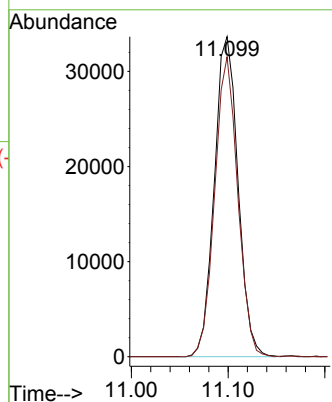
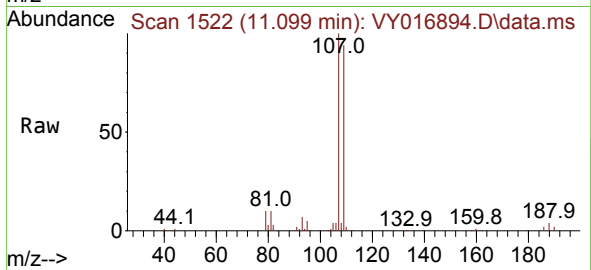




#61
1,2-Dibromoethane
Concen: 49.190 ug/l
RT: 11.099 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

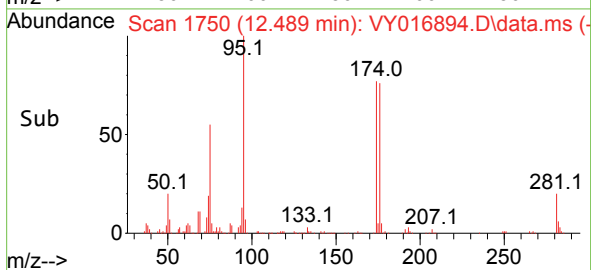
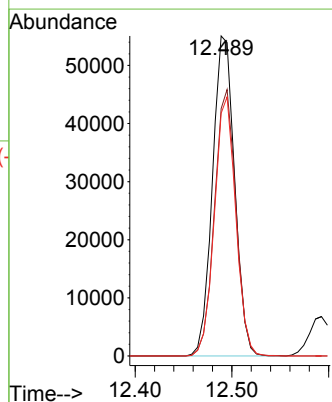
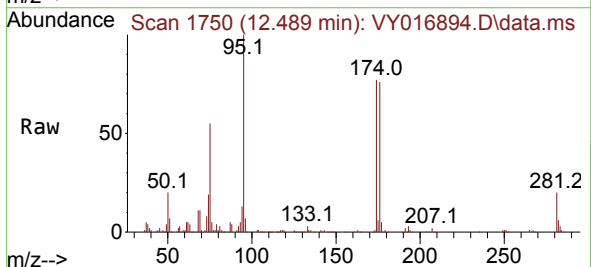
Instrument :
MSVOA_Y
ClientSampleId :

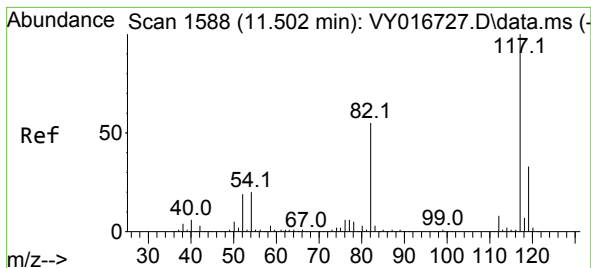
Tgt Ion:107 Resp: 57180
Ion Ratio Lower Upper
107 100
109 91.2 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.184 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Tgt Ion: 95 Resp: 87401
Ion Ratio Lower Upper
95 100
174 80.8 0.0 160.0
176 78.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

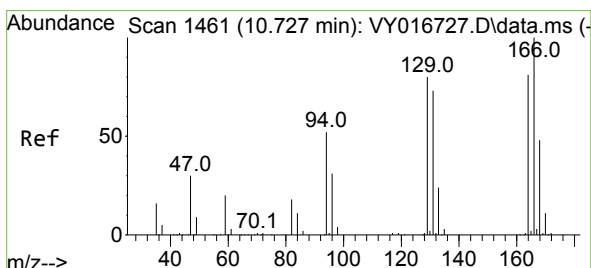
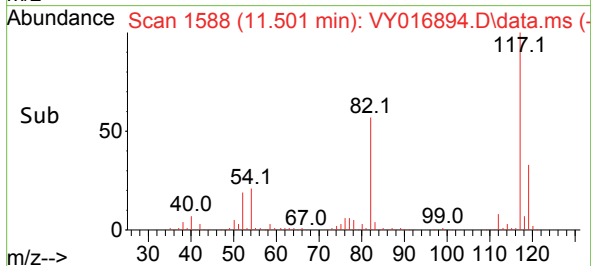
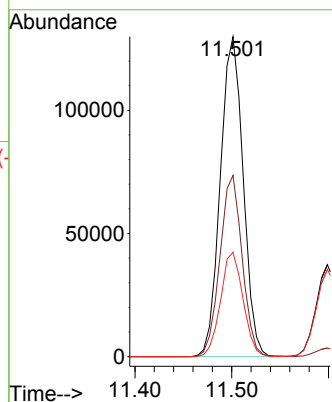
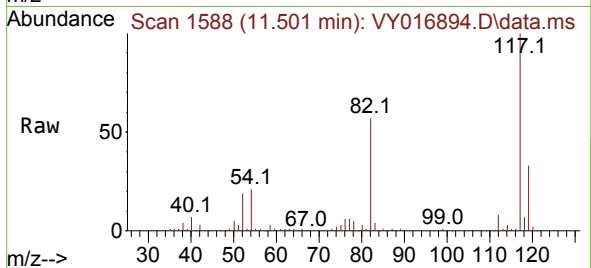
Tgt Ion:117 Resp: 212664

Ion Ratio Lower Upper

117 100

82 56.6 43.8 65.8

119 32.7 26.5 39.7



#64

Tetrachloroethene

Concen: 50.245 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Tgt Ion:164 Resp: 69275

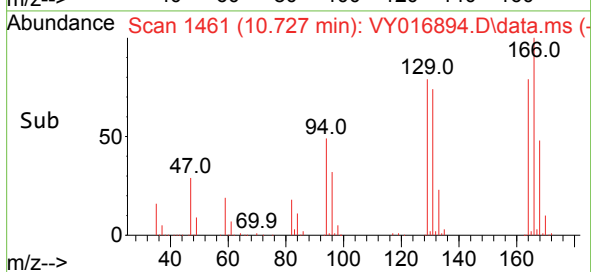
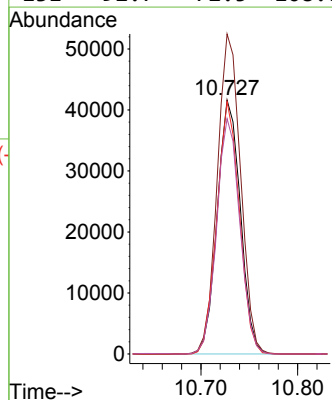
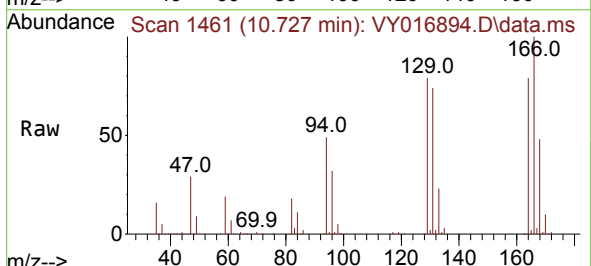
Ion Ratio Lower Upper

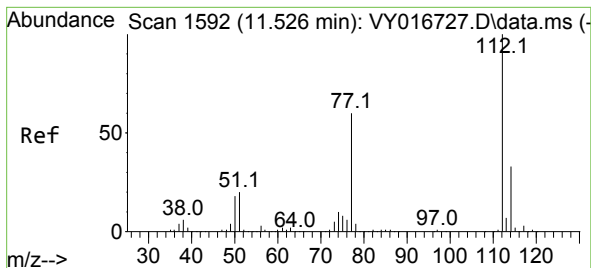
164 100

166 126.0 98.8 148.2

129 99.4 78.9 118.3

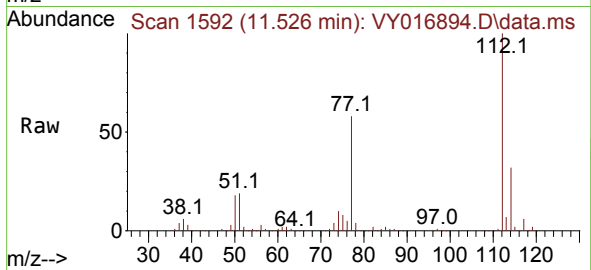
131 92.7 72.5 108.7



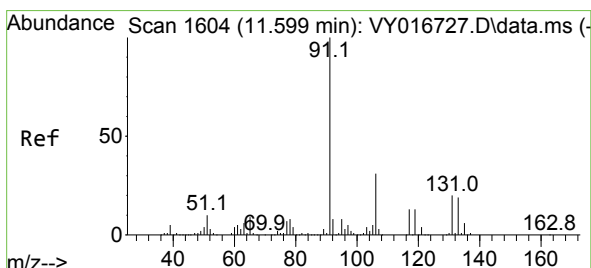
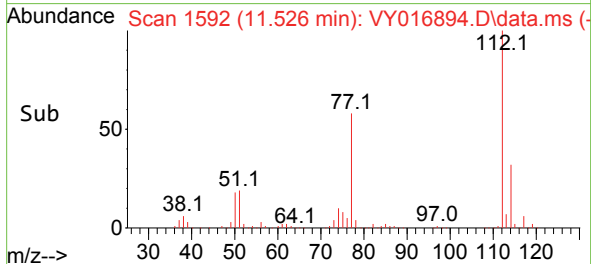
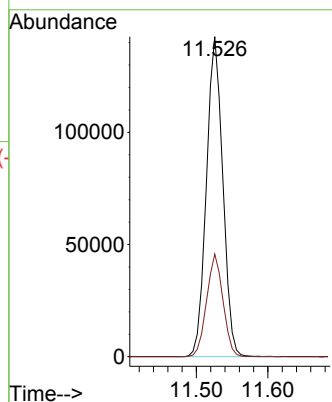


#65
Chlorobenzene
Concen: 51.207 ug/l
RT: 11.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Instrument :
MSVOA_Y
ClientSampleId :

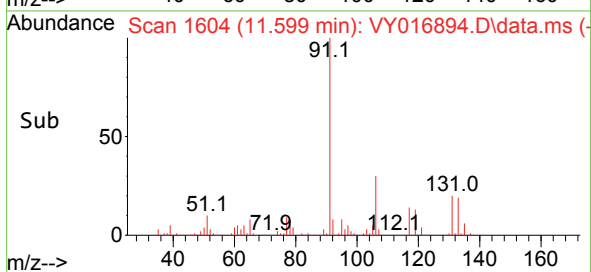
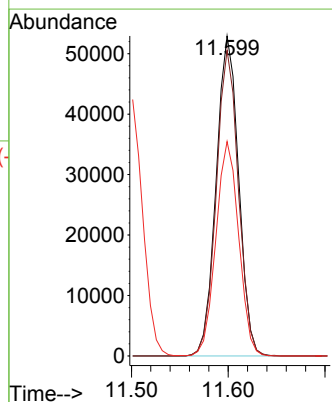
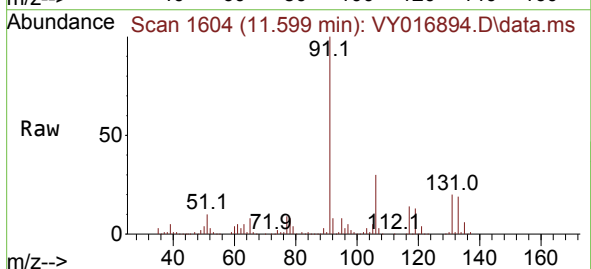


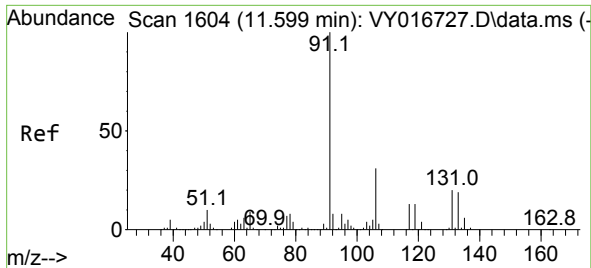
Tgt Ion:112 Resp: 226858
Ion Ratio Lower Upper
112 100
114 32.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.579 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Tgt Ion:131 Resp: 85180
Ion Ratio Lower Upper
131 100
133 94.5 47.0 141.0
119 68.1 33.3 99.9





#67

Ethyl Benzene

Concen: 52.828 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

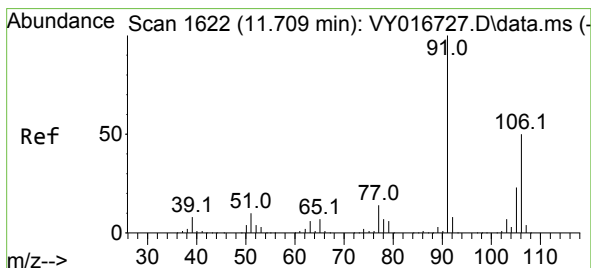
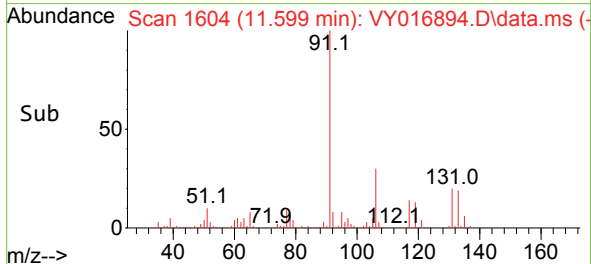
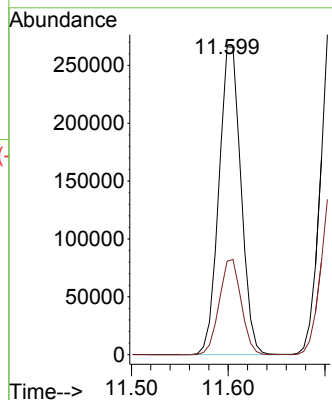
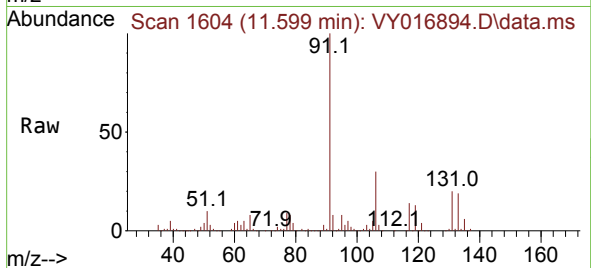
ClientSampleId :

Tgt Ion: 91 Resp: 421349

Ion Ratio Lower Upper

91 100

106 30.3 25.0 37.4



#68

m/p-Xylenes

Concen: 106.392 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016894.D

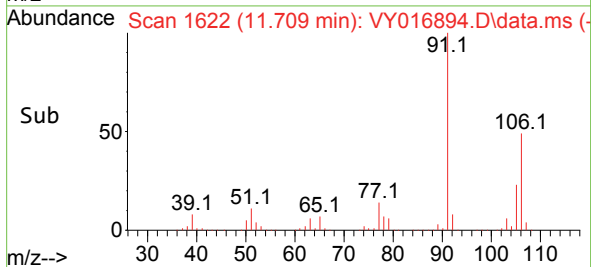
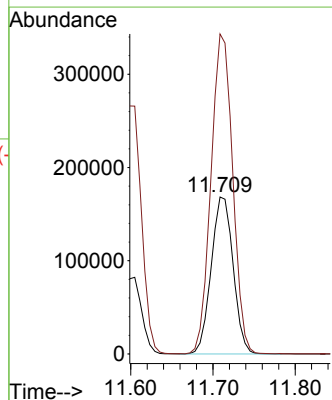
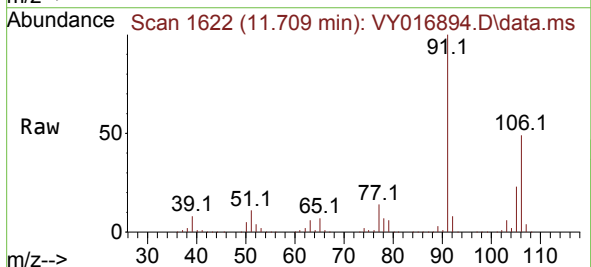
Acq: 02 Jan 2024 14:21

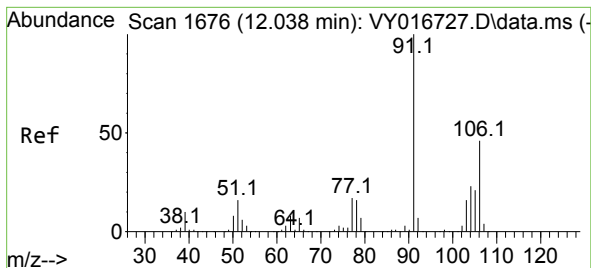
Tgt Ion: 106 Resp: 311476

Ion Ratio Lower Upper

106 100

91 202.1 160.7 241.1





#69

o-Xylene

Concen: 53.045 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

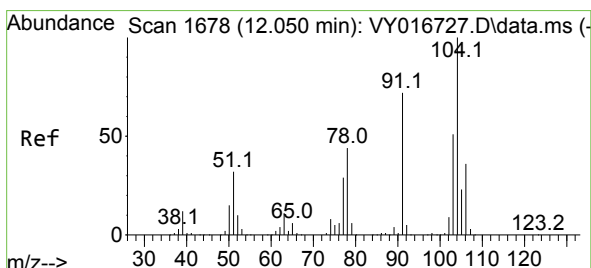
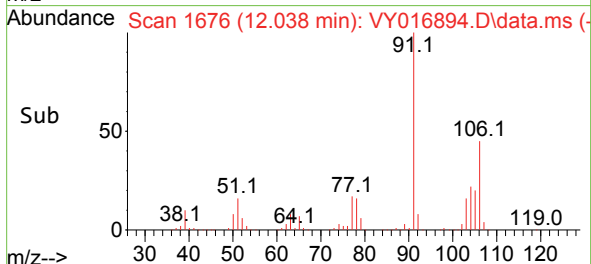
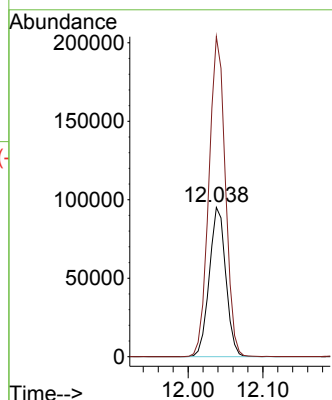
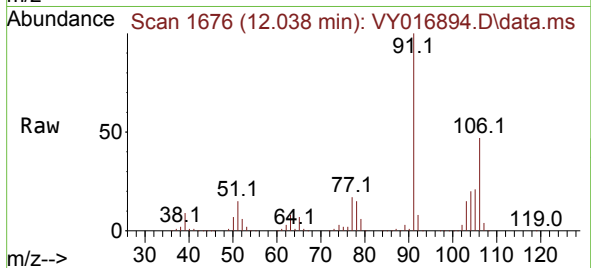
ClientSampleId :

Tgt Ion:106 Resp: 145587

Ion Ratio Lower Upper

106 100

91 214.1 106.5 319.5



#70

Styrene

Concen: 53.941 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

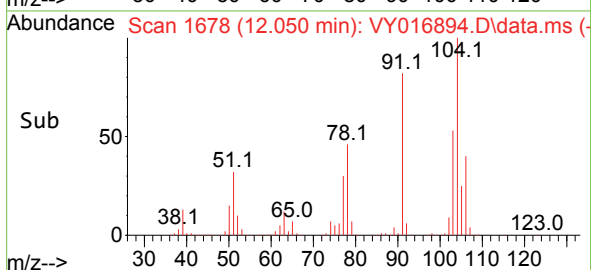
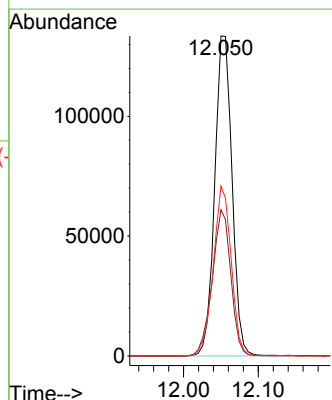
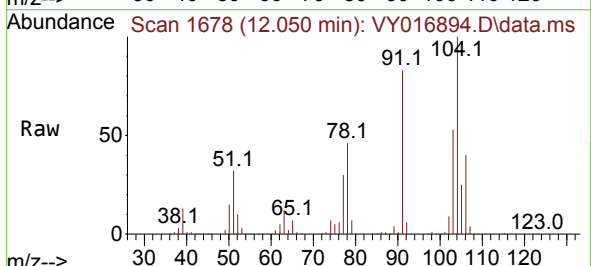
Tgt Ion:104 Resp: 215469

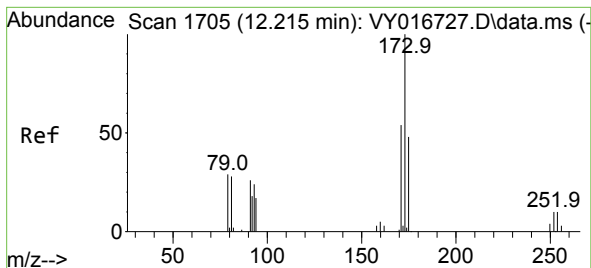
Ion Ratio Lower Upper

104 100

78 49.0 39.2 58.8

103 55.1 43.8 65.6





#71

Bromoform

Concen: 48.486 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.000 min

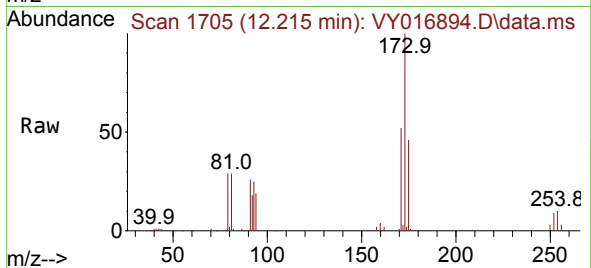
Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :



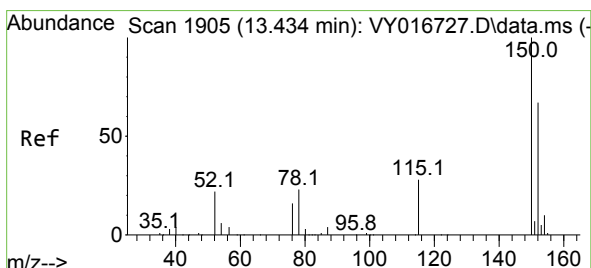
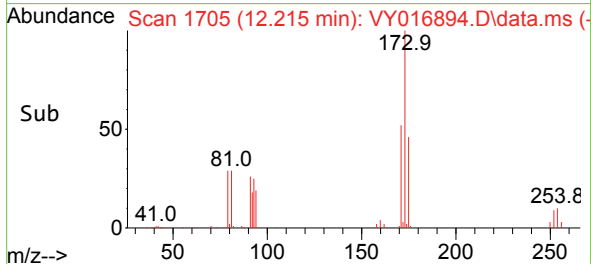
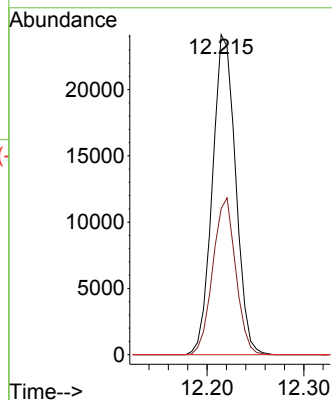
Tgt Ion:173 Resp: 40198

Ion Ratio Lower Upper

173 100

175 48.4 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

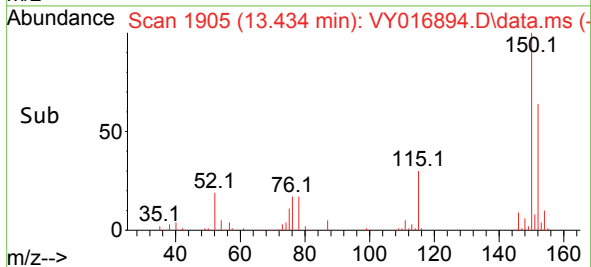
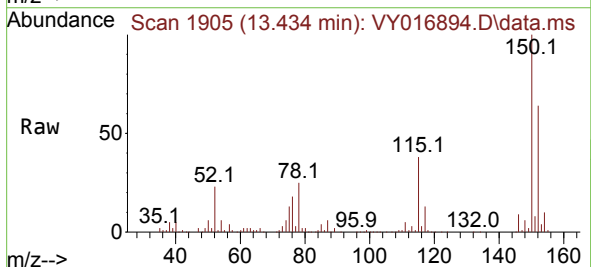
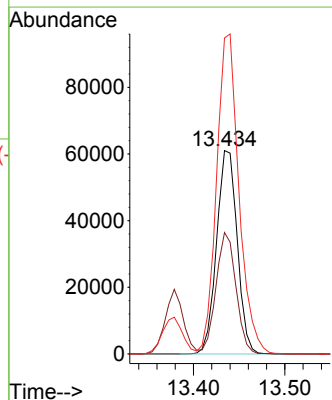
Tgt Ion:152 Resp: 95726

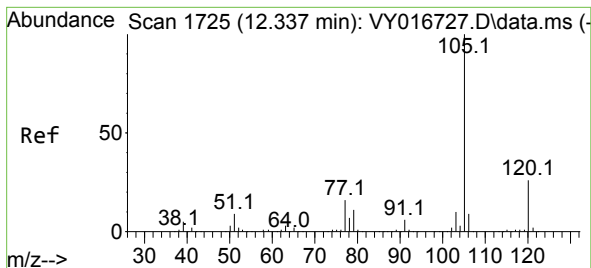
Ion Ratio Lower Upper

152 100

115 58.0 30.0 90.0

150 170.6 0.0 344.6

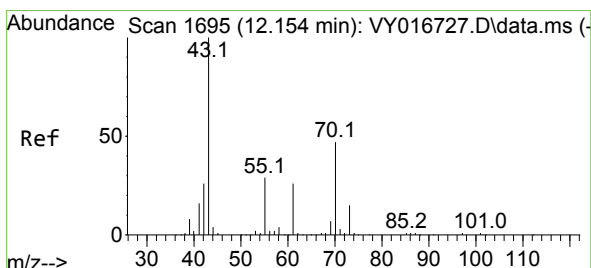
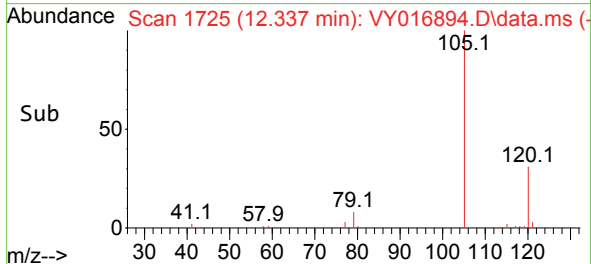
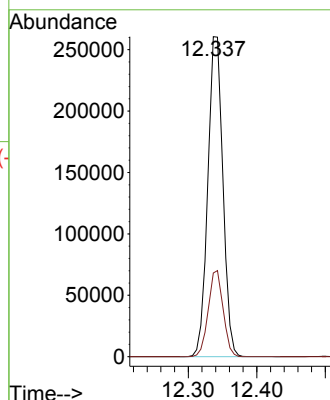
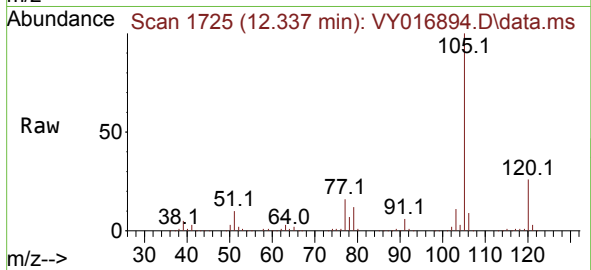




#73
Isopropylbenzene
Concen: 51.174 ug/l
RT: 12.337 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

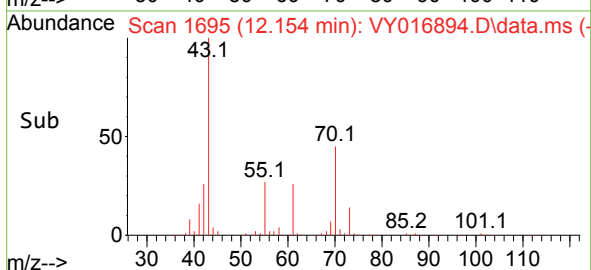
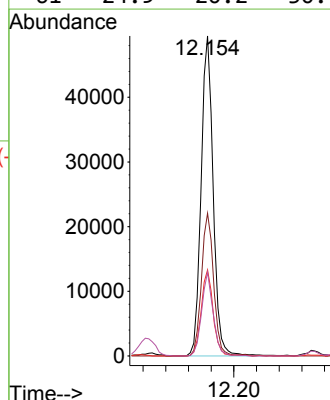
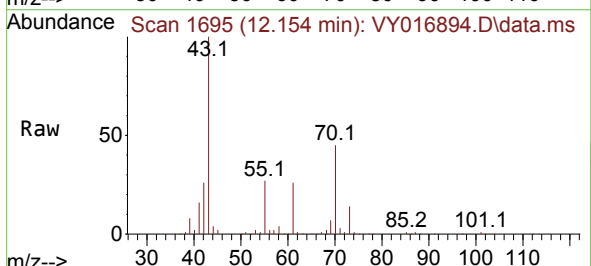
Instrument :
MSVOA_Y
ClientSampleId :

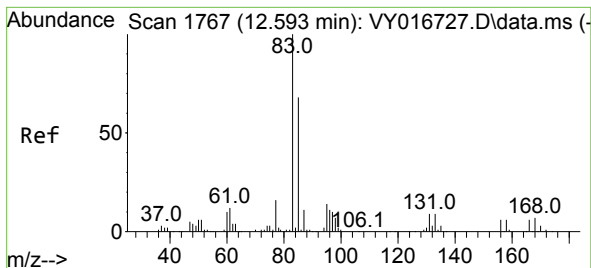
Tgt Ion:105 Resp: 400033
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0



#74
N-ethyl acetate
Concen: 46.663 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Tgt Ion: 43 Resp: 73287
Ion Ratio Lower Upper
43 100
70 45.0 36.6 55.0
55 26.7 22.2 33.4
61 24.9 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 43.888 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

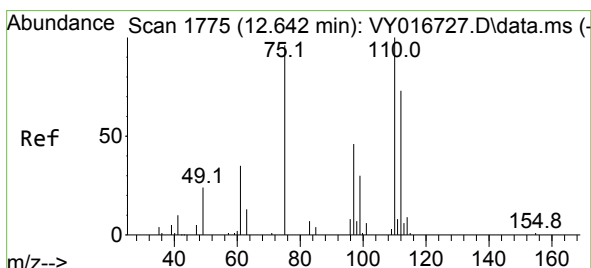
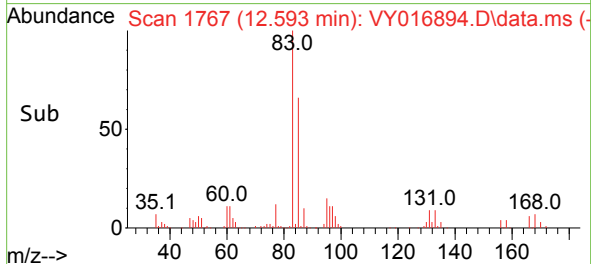
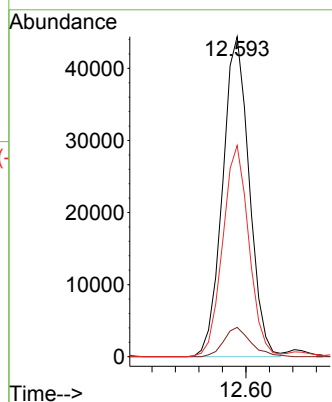
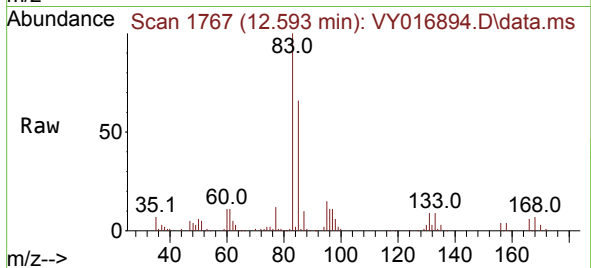
Tgt Ion: 83 Resp: 69902

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

85 64.9 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 81.540 ug/l

RT: 12.641 min Scan# 1775

Delta R.T. -0.001 min

Lab File: VY016894.D

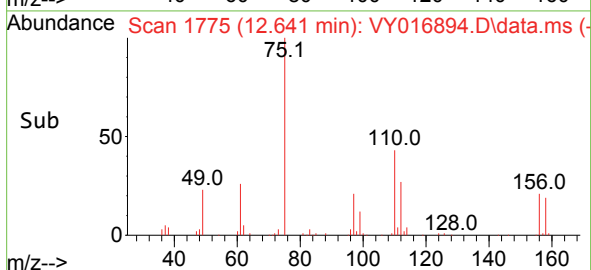
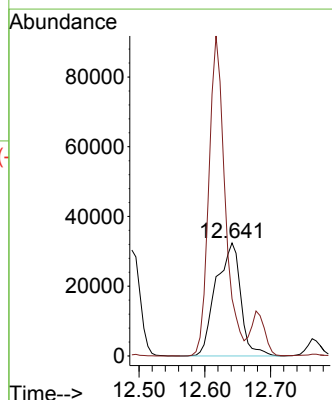
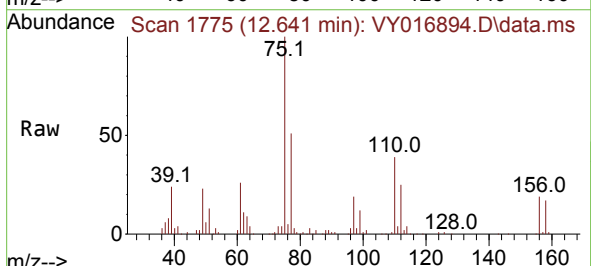
Acq: 02 Jan 2024 14:21

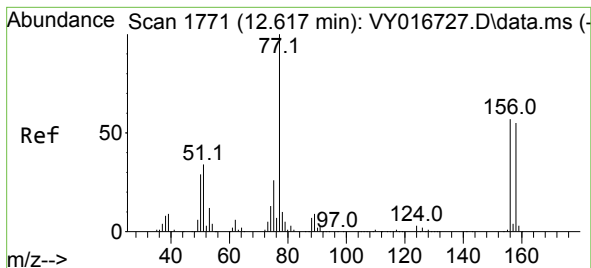
Tgt Ion: 75 Resp: 84704

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.514 ug/l

RT: 12.617 min Scan# 11

Delta R.T. -0.000 min

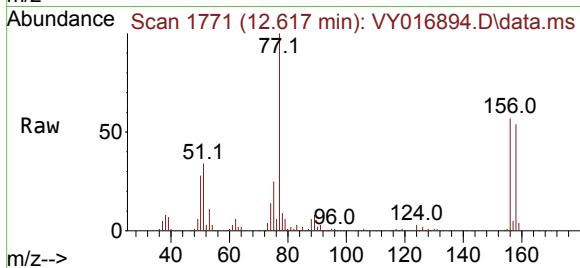
Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :



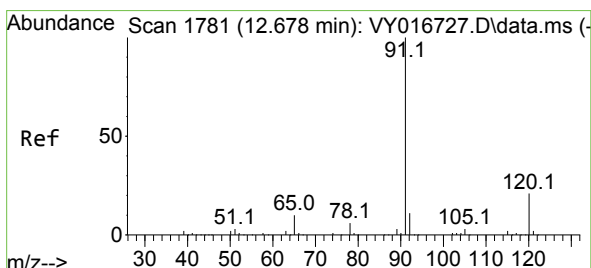
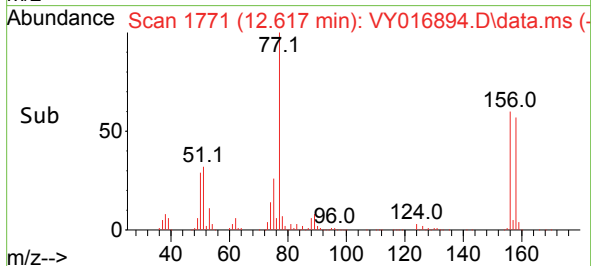
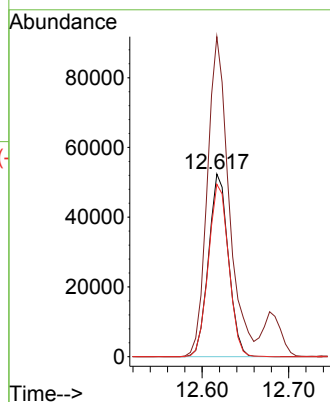
Tgt Ion:156 Resp: 83496

Ion Ratio Lower Upper

156 100

77 190.0 97.3 291.8

158 96.5 48.4 145.0



#78

n-propylbenzene

Concen: 51.062 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016894.D

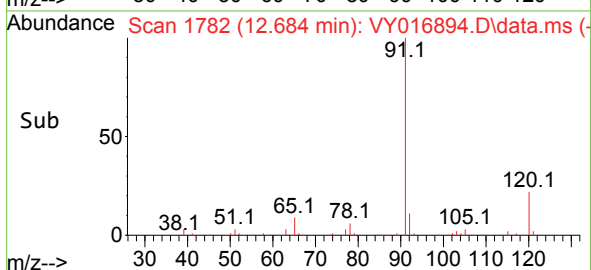
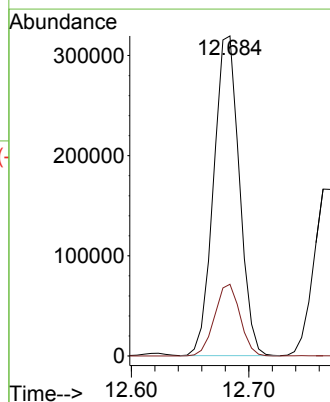
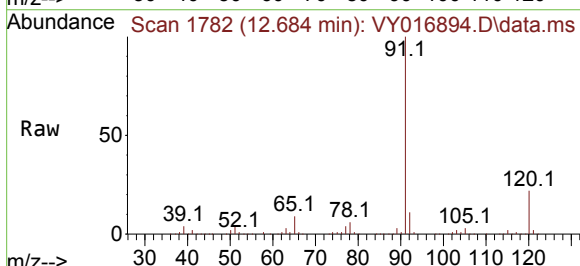
Acq: 02 Jan 2024 14:21

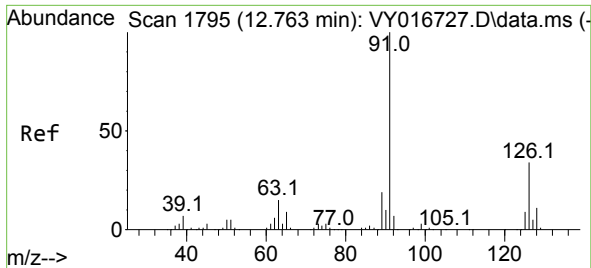
Tgt Ion: 91 Resp: 485256

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0

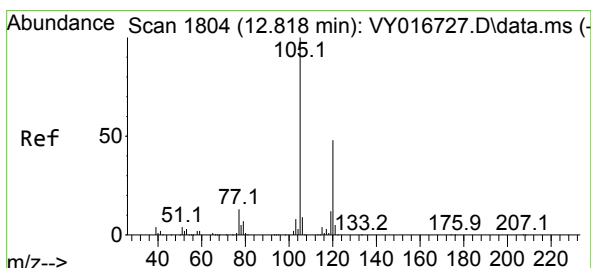
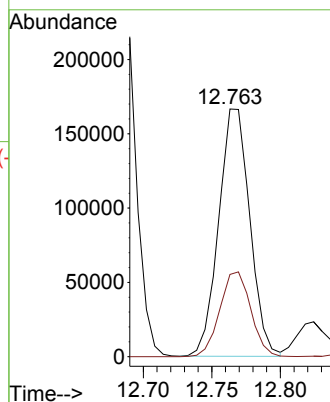
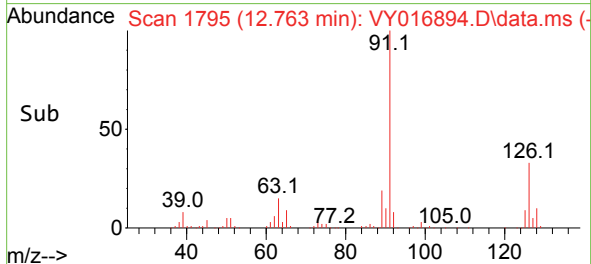
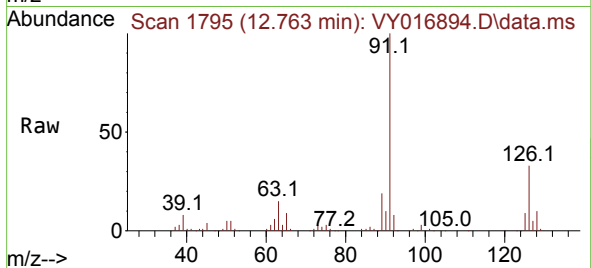




#79
2-Chlorotoluene
Concen: 50.061 ug/l
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

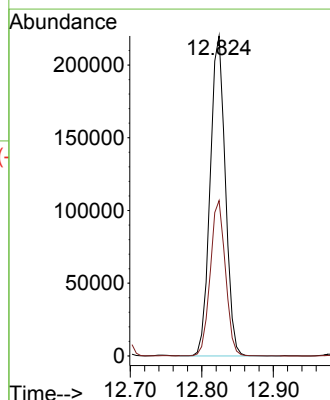
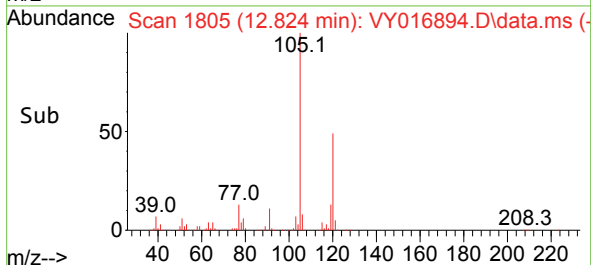
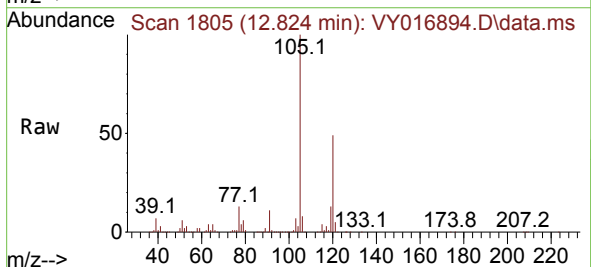
Instrument :
MSVOA_Y
ClientSampleId :

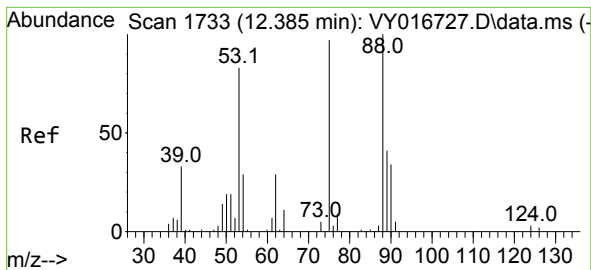
Tgt Ion: 91 Resp: 263810
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 52.275 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Tgt Ion:105 Resp: 323183
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

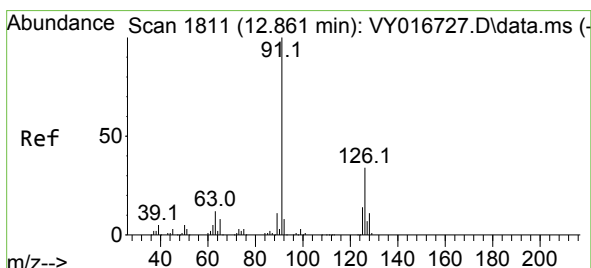
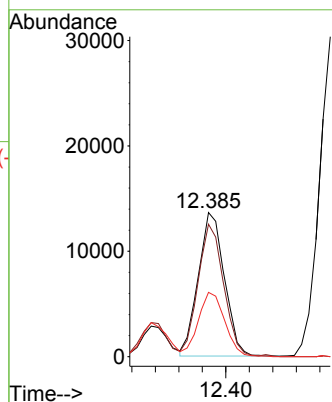
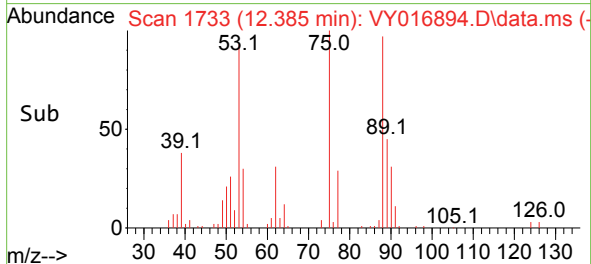
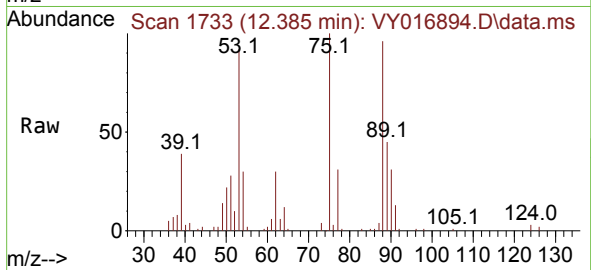




#81
trans-1,4-Dichloro-2-butene
Concen: 45.961 ug/l
RT: 12.385 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

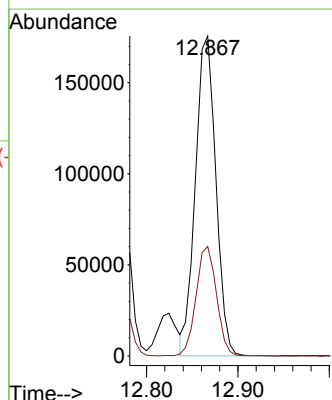
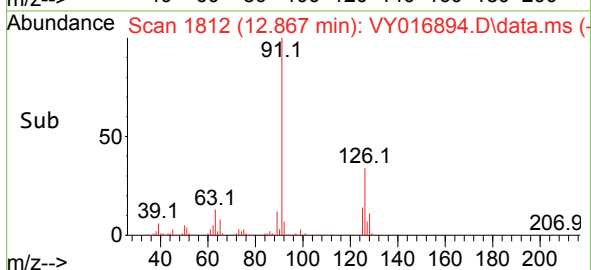
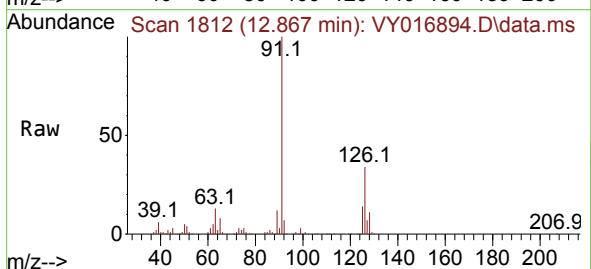
Instrument :
MSVOA_Y
ClientSampleId :

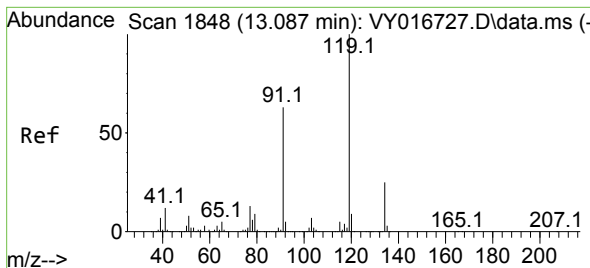
Tgt Ion: 75 Resp: 21026
Ion Ratio Lower Upper
75 100
53 91.2 74.0 111.0
89 45.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 50.754 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Tgt Ion: 91 Resp: 273250
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 52.521 ug/l

RT: 13.086 min Scan# 1848

Delta R.T. -0.001 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

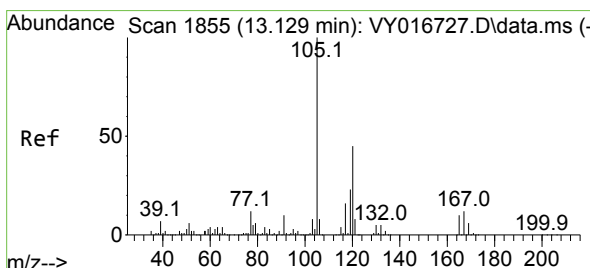
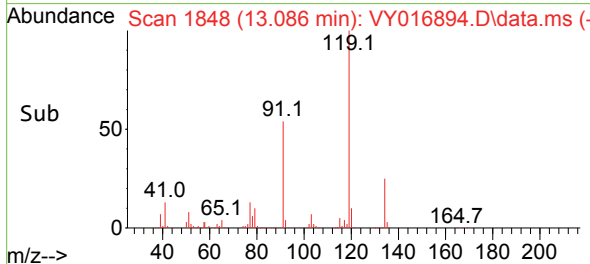
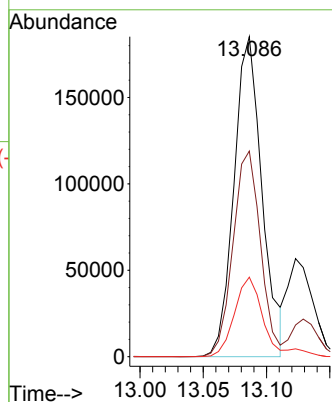
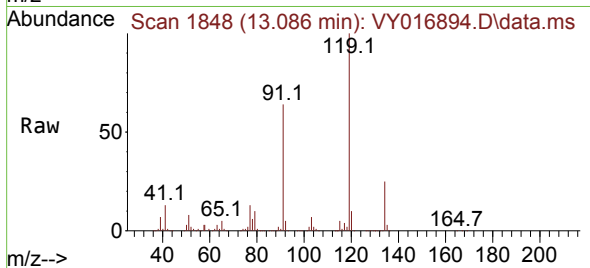
Tgt Ion:119 Resp: 285991

Ion Ratio Lower Upper

119 100

91 63.0 31.5 94.5

134 26.1 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 51.921 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016894.D

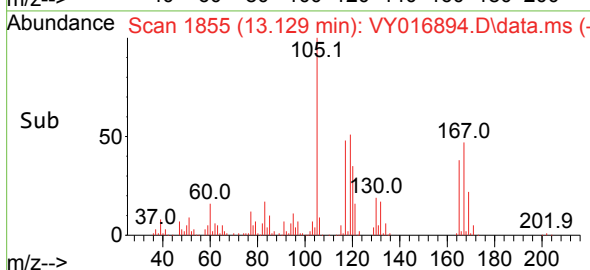
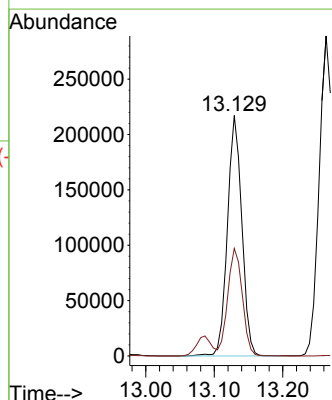
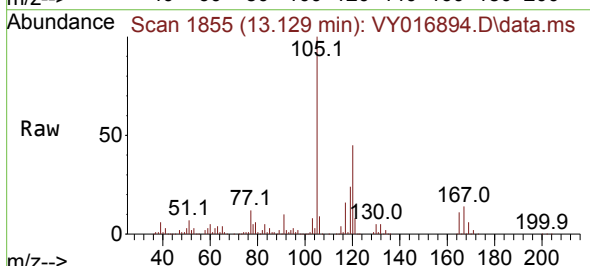
Acq: 02 Jan 2024 14:21

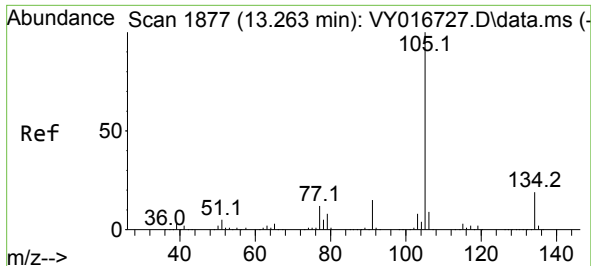
Tgt Ion:105 Resp: 316115

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3

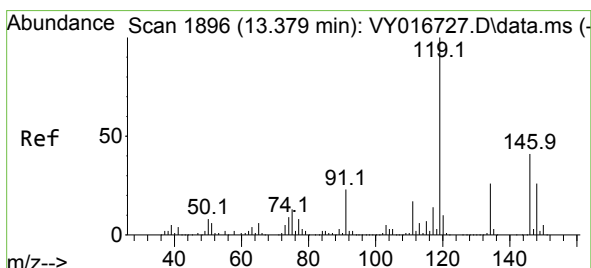
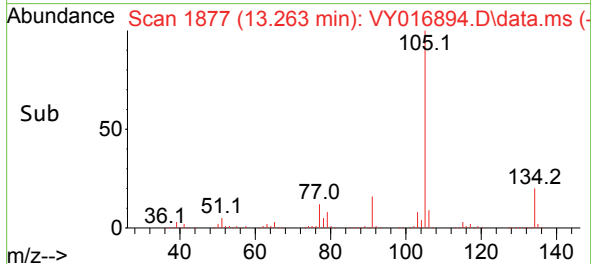
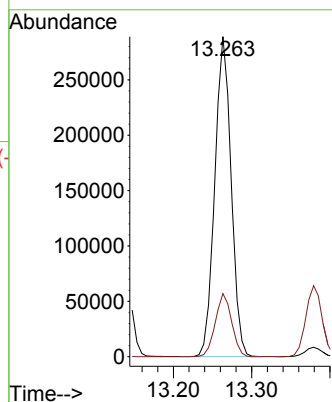
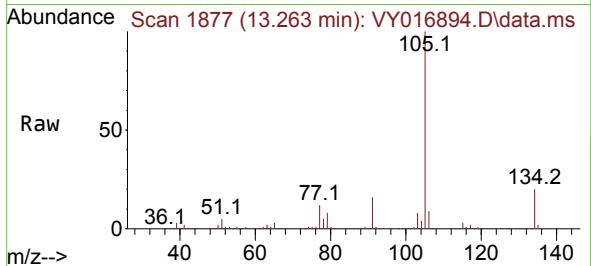




#85
 sec-Butylbenzene
 Concen: 52.009 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VY016894.D
 Acq: 02 Jan 2024 14:21

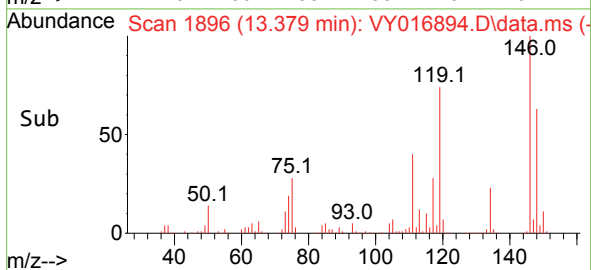
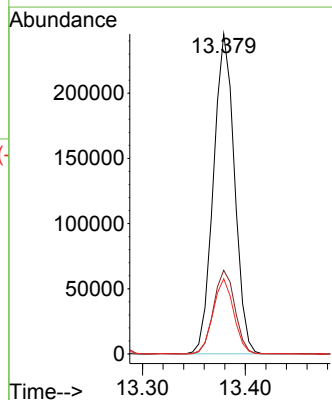
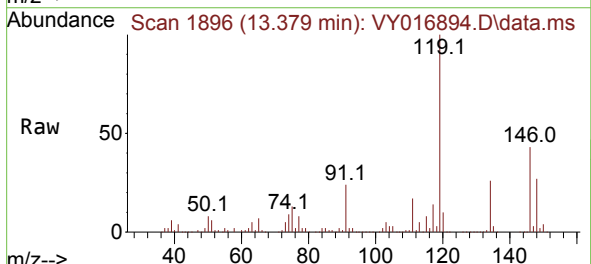
Instrument :
 MSVOA_Y
 ClientSampleId :

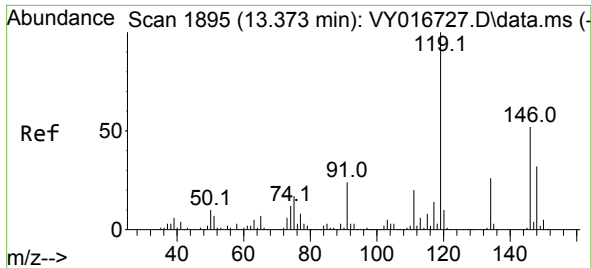
Tgt Ion:105 Resp: 419636
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 52.221 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY016894.D
 Acq: 02 Jan 2024 14:21

Tgt Ion:119 Resp: 347736
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.1
 91 23.1 11.7 35.0

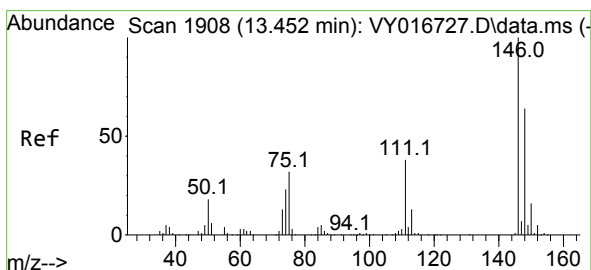
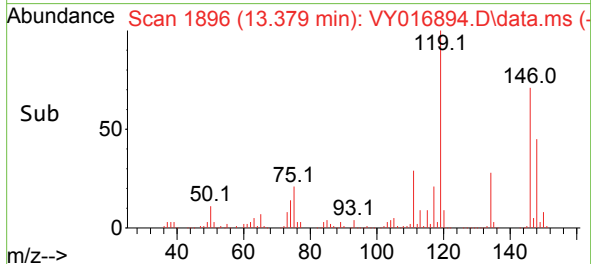
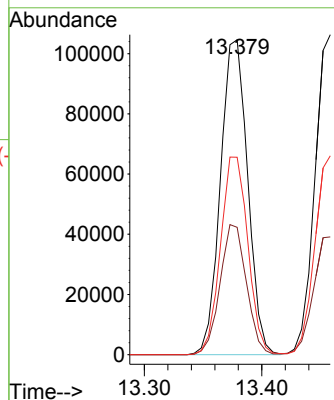
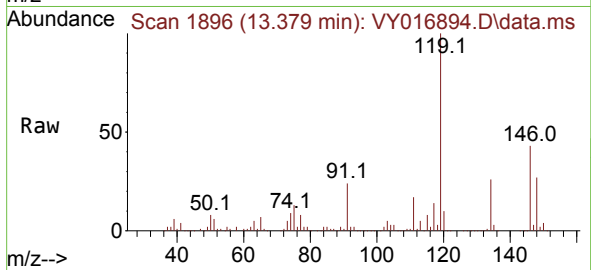




#87
 1,3-Dichlorobenzene
 Concen: 49.860 ug/l
 RT: 13.379 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY016894.D
 Acq: 02 Jan 2024 14:21

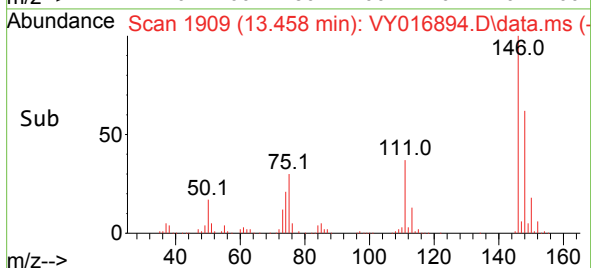
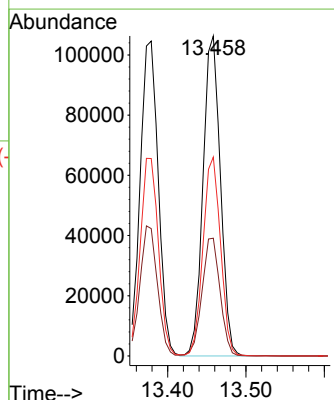
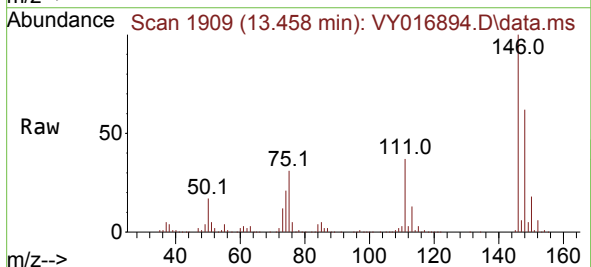
Instrument :
 MSVOA_Y
 ClientSampleId :

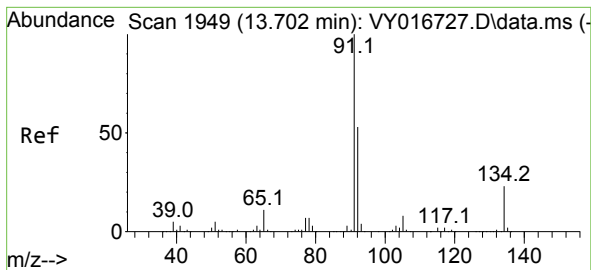
Tgt Ion:146 Resp: 168297
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.2 60.5
 148 63.2 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 49.617 ug/l
 RT: 13.458 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY016894.D
 Acq: 02 Jan 2024 14:21

Tgt Ion:146 Resp: 163805
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.3 57.9
 148 62.7 31.6 94.7

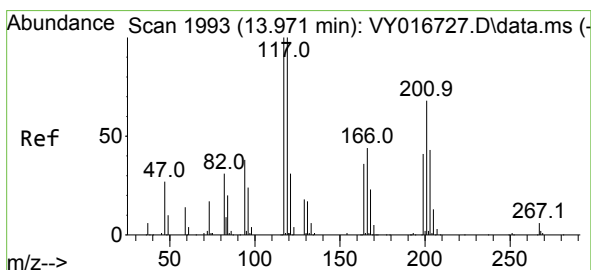
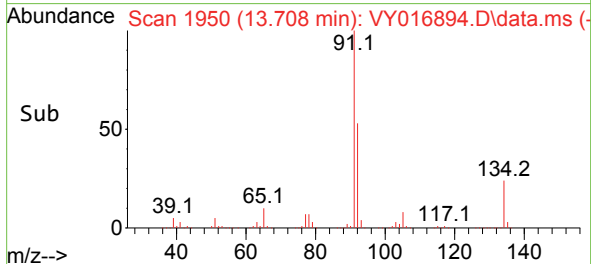
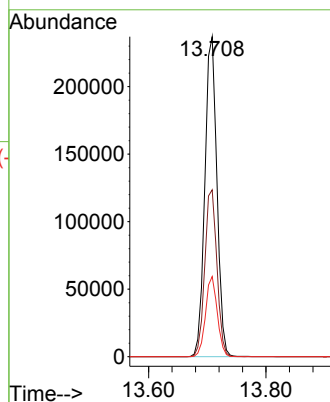
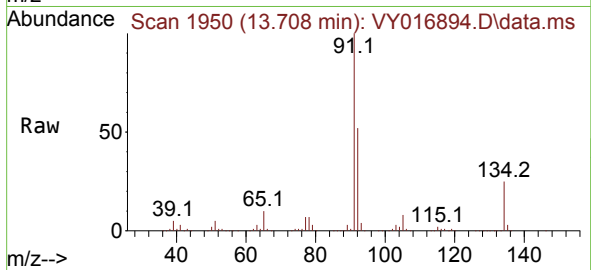




#89
n-Butylbenzene
Concen: 52.802 ug/l
RT: 13.708 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

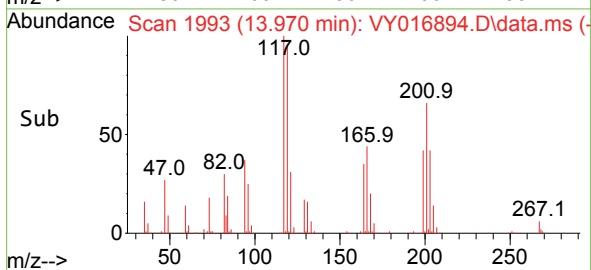
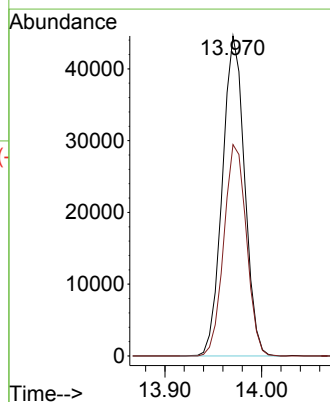
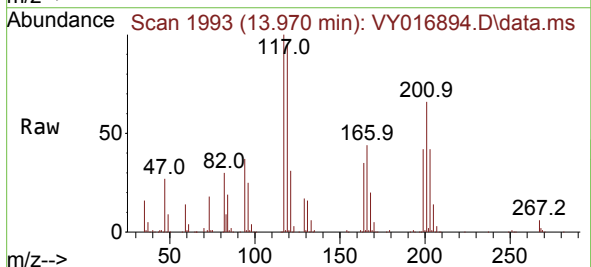
Instrument :
MSVOA_Y
ClientSampleId :

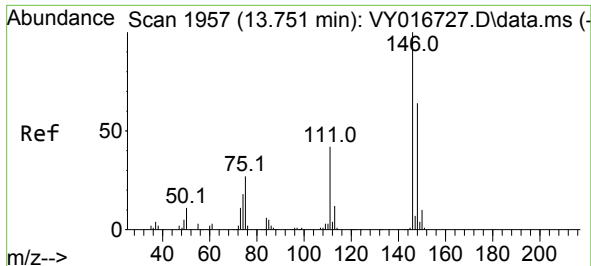
Tgt Ion: 91 Resp: 338060
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 24.4 12.3 36.8



#90
Hexachloroethane
Concen: 49.656 ug/l
RT: 13.970 min Scan# 1993
Delta R.T. -0.001 min
Lab File: VY016894.D
Acq: 02 Jan 2024 14:21

Tgt Ion: 117 Resp: 71052
Ion Ratio Lower Upper
117 100
201 67.1 33.4 100.1

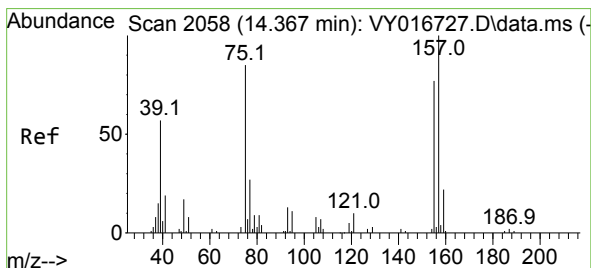
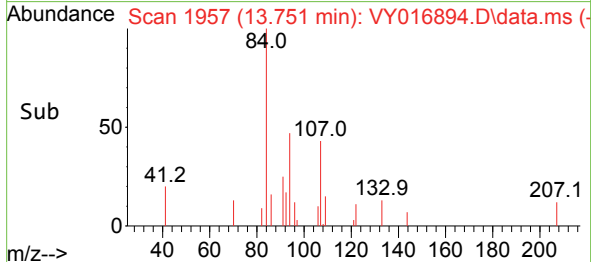
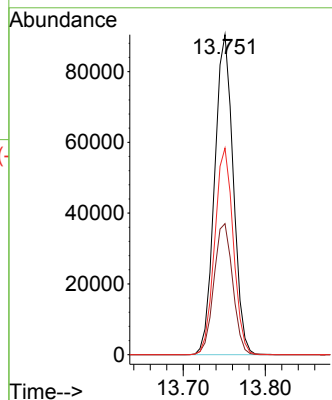
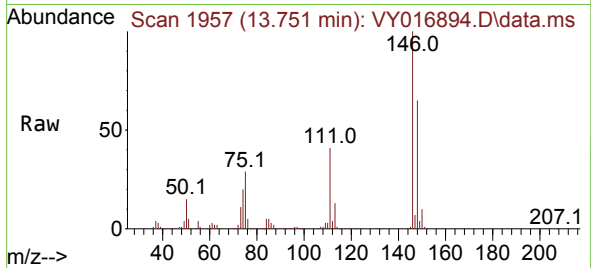




#91
 1,2-Dichlorobenzene
 Concen: 48.771 ug/l
 RT: 13.751 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VY016894.D
 Acq: 02 Jan 2024 14:21

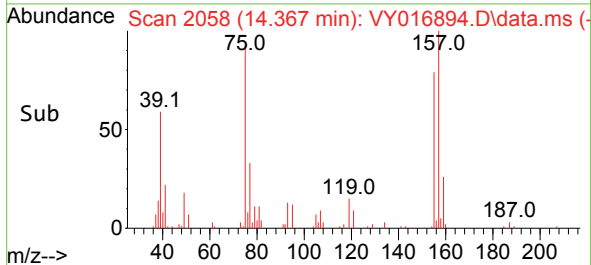
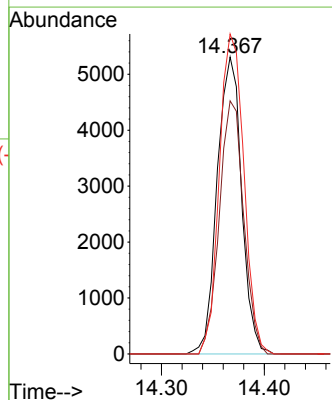
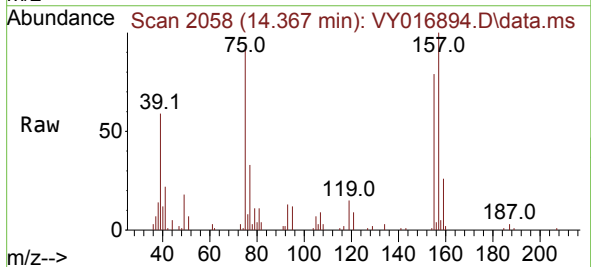
Instrument :
 MSVOA_Y
 ClientSampleId :

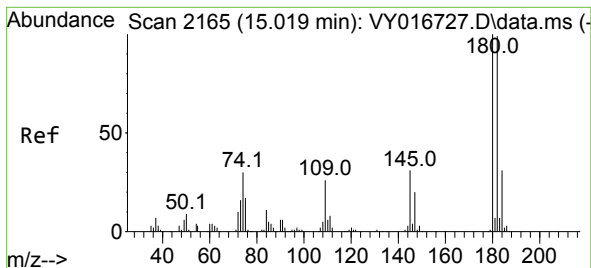
Tgt Ion:146 Resp: 142266
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.5 61.6
 148 64.5 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.674 ug/l
 RT: 14.367 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VY016894.D
 Acq: 02 Jan 2024 14:21

Tgt Ion: 75 Resp: 8723
 Ion Ratio Lower Upper
 75 100
 155 85.1 42.1 126.3
 157 108.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 53.235 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

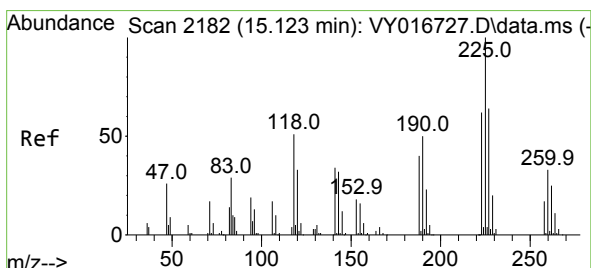
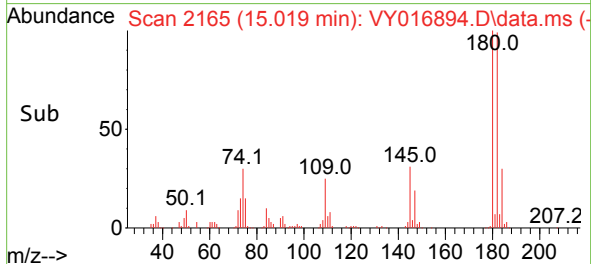
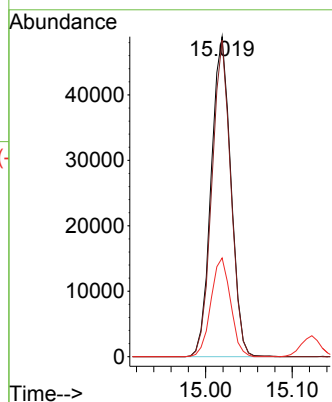
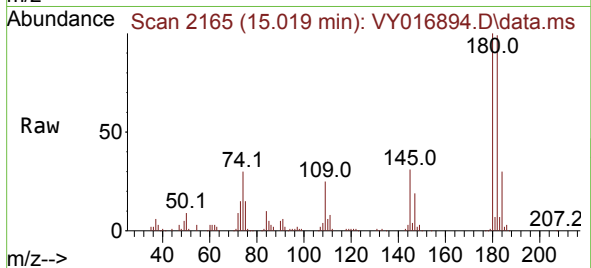
Tgt Ion:180 Resp: 77112

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 30.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 51.557 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

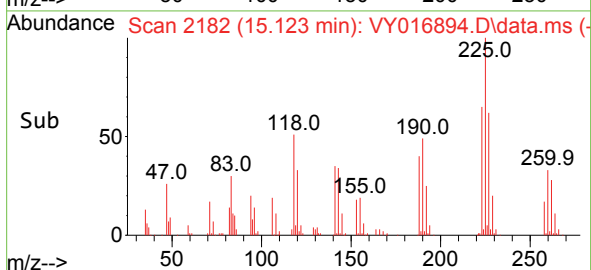
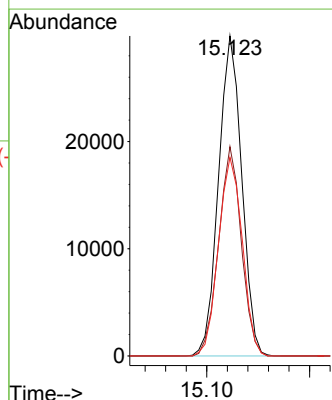
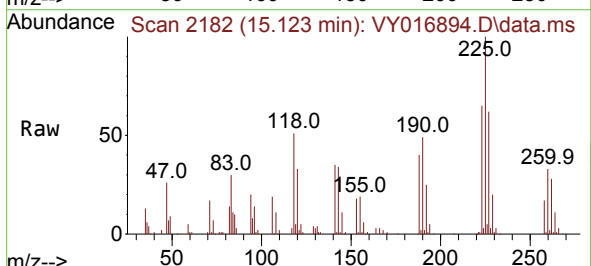
Tgt Ion:225 Resp: 46784

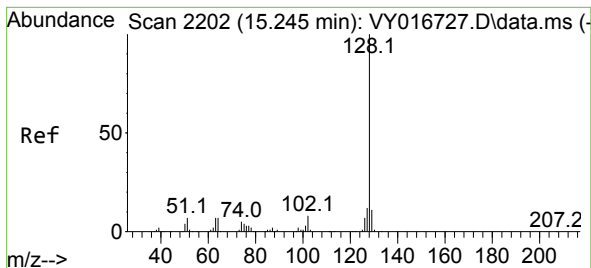
Ion Ratio Lower Upper

225 100

223 63.9 31.4 94.3

227 63.6 32.3 96.8





#95

Naphthalene

Concen: 50.520 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Instrument :

MSVOA_Y

ClientSampleId :

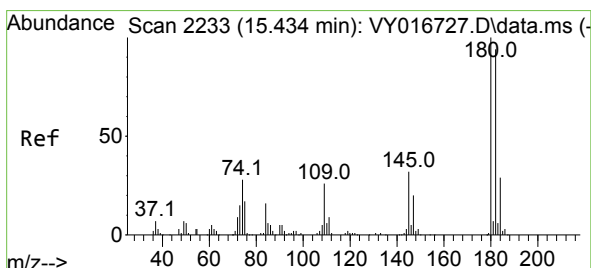
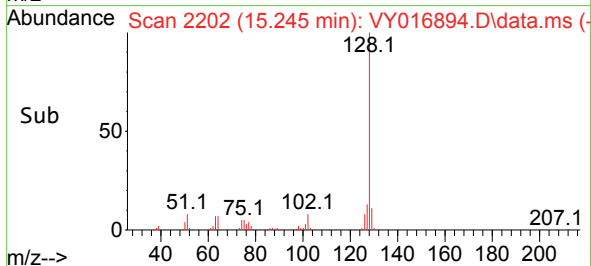
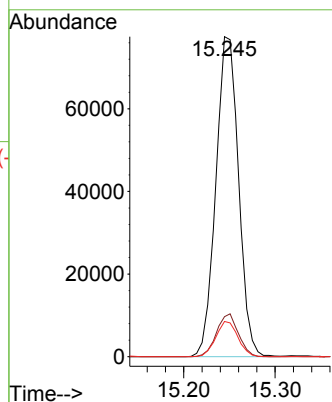
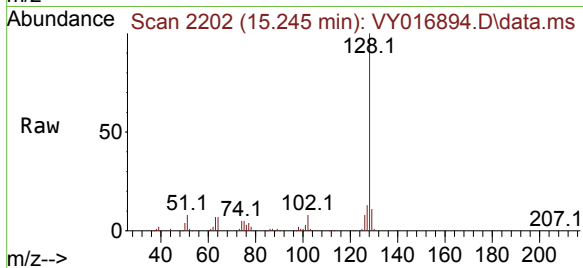
Tgt Ion:128 Resp: 133581

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 52.278 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016894.D

Acq: 02 Jan 2024 14:21

Tgt Ion:180 Resp: 64298

Ion Ratio Lower Upper

180 100

182 94.9 46.3 138.8

145 31.7 16.1 48.2

