

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016897.D
 Acq On : 02 Jan 2024 16:21
 Operator : SY/MD
 Sample : VY0102SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 03 00:19:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	142416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	241131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	206642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	91188	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.155	65	67343	47.843	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.680%
35) Dibromofluoromethane	7.734	113	70490	45.875	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.740%
50) Toluene-d8	10.191	98	253161	47.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.700%
62) 4-Bromofluorobenzene	12.496	95	82616	46.278	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.560%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.912	85	22075	18.617	ug/l	97
3) Chloromethane	2.125	50	31396	18.766	ug/l	96
4) Vinyl Chloride	2.260	62	37090	18.795	ug/l	98
5) Bromomethane	2.656	94	27182	19.227	ug/l	98
6) Chloroethane	2.808	64	25082	18.790	ug/l	99
7) Trichlorofluoromethane	3.137	101	46824	19.258	ug/l	98
8) Diethyl Ether	3.540	74	15426	19.852	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.918	101	30074	19.023	ug/l	100
10) Methyl Iodide	4.113	142	24819	18.453	ug/l	99
11) Tert butyl alcohol	4.966	59	15593	137.312	ug/l	96
12) 1,1-Dichloroethene	3.893	96	25371	18.704	ug/l	93
13) Acrolein	3.747	56	19584	123.608	ug/l	99
14) Allyl chloride	4.497	41	41371	19.292	ug/l	99
15) Acrylonitrile	5.186	53	37021	101.857	ug/l	100
16) Acetone	3.967	43	49505	131.232	ug/l	99
17) Carbon Disulfide	4.216	76	57531	17.750	ug/l	99
18) Methyl Acetate	4.497	43	27589	18.295	ug/l	99
19) Methyl tert-butyl Ether	5.247	73	70993	20.117	ug/l	99
20) Methylene Chloride	4.735	84	55768	26.823	ug/l	98
21) trans-1,2-Dichloroethene	5.247	96	28783	18.527	ug/l	98
22) Diisopropyl ether	6.143	45	97578	19.682	ug/l	95
23) Vinyl Acetate	6.082	43	233105	102.545	ug/l	100
24) 1,1-Dichloroethane	6.039	63	56715	19.037	ug/l	98
25) 2-Butanone	7.009	43	60094	120.065	ug/l	100
26) 2,2-Dichloropropane	7.003	77	48780	18.884	ug/l	98
27) cis-1,2-Dichloroethene	7.009	96	34974	19.205	ug/l	98
28) Bromochloromethane	7.356	49	22282	19.922	ug/l	97
29) Tetrahydrofuran	7.368	42	29374	103.106	ug/l	97
30) Chloroform	7.527	83	59075	19.242	ug/l	97
31) Cyclohexane	7.801	56	44650	18.482	ug/l	94
32) 1,1,1-Trichloroethane	7.722	97	50313	19.328	ug/l	99
36) 1,1-Dichloropropene	7.935	75	41090	18.349	ug/l	99
37) Ethyl Acetate	7.094	43	20984	20.620	ug/l	97
38) Carbon Tetrachloride	7.923	117	42789	18.807	ug/l	98
39) Methylcyclohexane	9.197	83	45586	18.108	ug/l	97
40) Benzene	8.179	78	128033	19.059	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	8727	16.283	ug/l #	73
42) 1,2-Dichloroethane	8.252	62	34460	19.323	ug/l	97
43) Isopropyl Acetate	8.289	43	38524	19.768	ug/l	100
44) Trichloroethene	8.960	130	32275	18.882	ug/l	92
45) 1,2-Dichloropropane	9.228	63	32889	19.004	ug/l	98
46) Dibromomethane	9.319	93	17022	19.286	ug/l	99
47) Bromodichloromethane	9.514	83	45886	19.360	ug/l	97
48) Methyl methacrylate	9.307	41	20113	19.124	ug/l	95
49) 1,4-Dioxane	9.313	88	4158	454.985	ug/l	97
51) 4-Methyl-2-Pentanone	10.081	43	104931	101.246	ug/l	99
52) Toluene	10.258	92	77739	19.176	ug/l	99
53) t-1,3-Dichloropropene	10.478	75	41011	19.318	ug/l	96
54) cis-1,3-Dichloropropene	9.941	75	49573	19.444	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	25502	19.778	ug/l	98
56) Ethyl methacrylate	10.520	69	21155	19.370	ug/l	99
57) 1,3-Dichloropropane	10.807	76	42007	19.513	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	59205	97.576	ug/l	99
59) 2-Hexanone	10.843	43	83960	110.021	ug/l	98
60) Dibromochloromethane	10.996	129	29393	19.767	ug/l	99
61) 1,2-Dibromoethane	11.099	107	22027	19.662	ug/l	100
64) Tetrachloroethene	10.734	164	26066	19.457	ug/l	96
65) Chlorobenzene	11.532	112	83594	19.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	31775	19.418	ug/l	99
67) Ethyl Benzene	11.605	91	147418	19.022	ug/l	99
68) m/p-Xylenes	11.715	106	109129	38.362	ug/l	100
69) o-Xylene	12.044	106	50809	19.052	ug/l	100
70) Styrene	12.057	104	74519	19.199	ug/l	99
71) Bromoform	12.221	173	15768	19.573	ug/l #	98
73) Isopropylbenzene	12.343	105	140583	18.879	ug/l	99
74) N-amyl acetate	12.154	43	30924	20.670	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	29554	19.479	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	35082	35.452	ug/l #	100
77) Bromobenzene	12.624	156	31451	19.183	ug/l	98
78) n-propylbenzene	12.684	91	170719	18.858	ug/l	100
79) 2-Chlorotoluene	12.770	91	94412	18.807	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	112873	19.166	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	8154	18.711	ug/l	100
82) 4-Chlorotoluene	12.867	91	98496	19.205	ug/l	99
83) tert-Butylbenzene	13.087	119	97905	18.874	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	110908	19.123	ug/l	98
85) sec-Butylbenzene	13.264	105	146479	19.058	ug/l	100
86) p-Isopropyltoluene	13.379	119	119106	18.777	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	61041	18.984	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	60244	19.156	ug/l	98
89) n-Butylbenzene	13.709	91	117341	19.240	ug/l	98
90) Hexachloroethane	13.971	117	25336	18.588	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	53589	19.286	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3890	20.446	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	28390	20.575	ug/l	96
94) Hexachlorobutadiene	15.123	225	16675	19.291	ug/l	99
95) Naphthalene	15.251	128	49336	21.284	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	23613	20.154	ug/l	97

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Jan 03 00:19:31 2024
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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

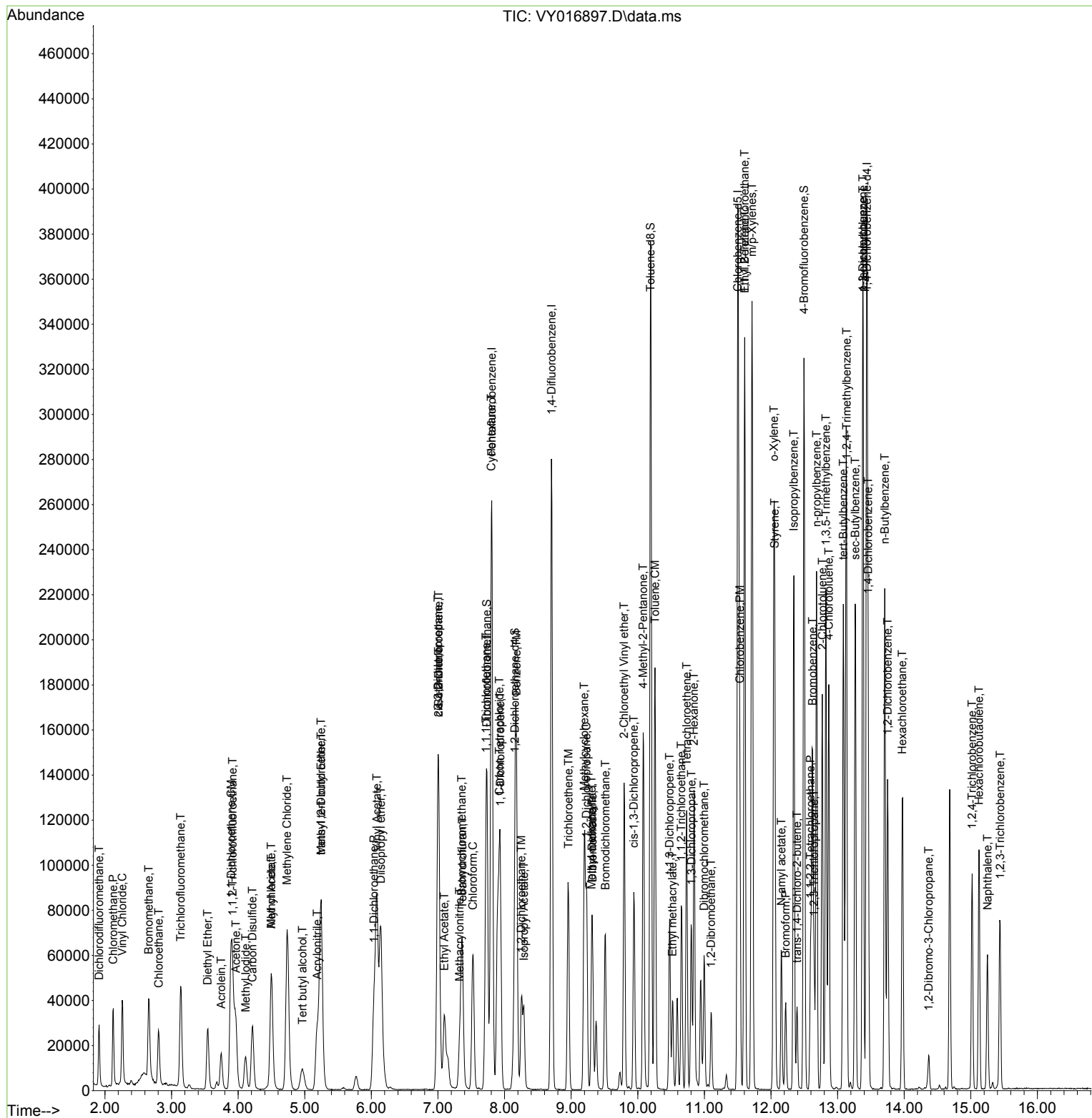
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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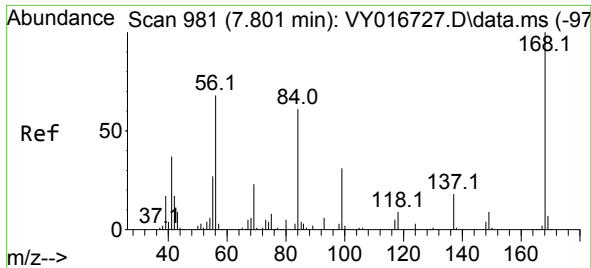
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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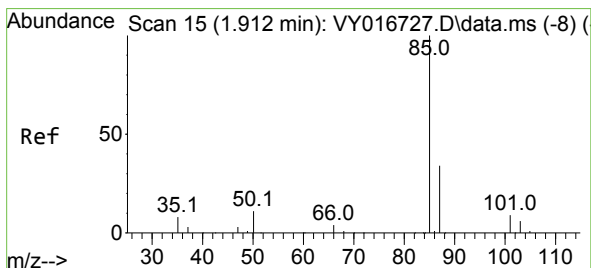
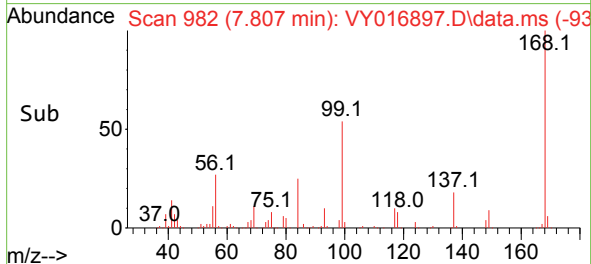
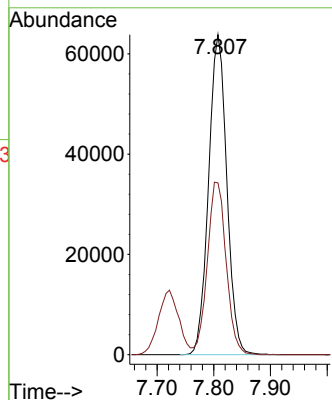
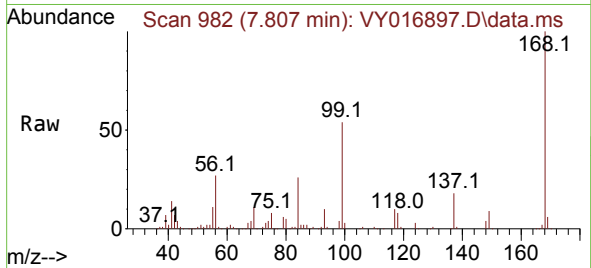




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

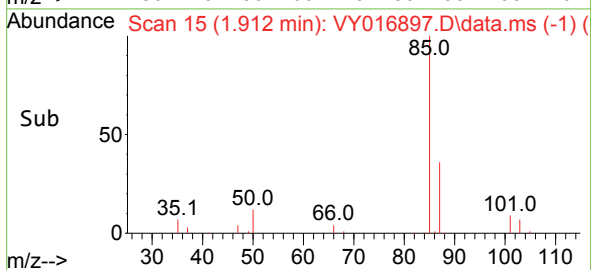
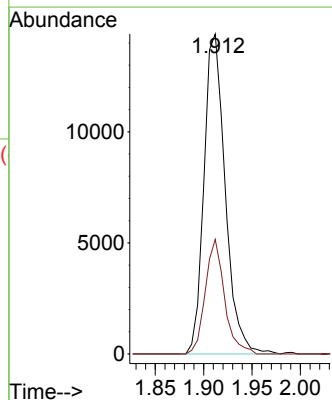
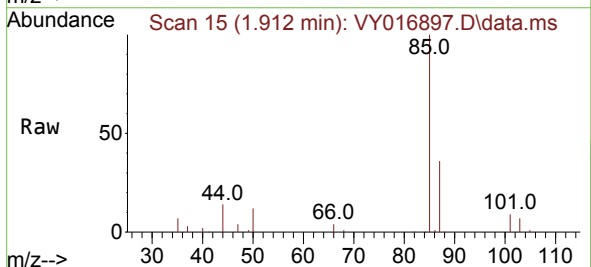
Instrument :
MSVOA_Y
ClientSampleId :

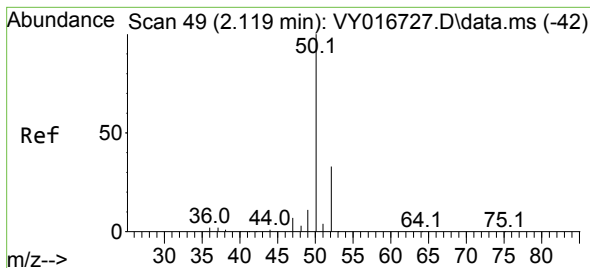
Tgt Ion:168 Resp: 142416
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 18.617 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion: 85 Resp: 22075
Ion Ratio Lower Upper
85 100
87 35.8 17.1 51.3





#3

Chloromethane

Concen: 18.766 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

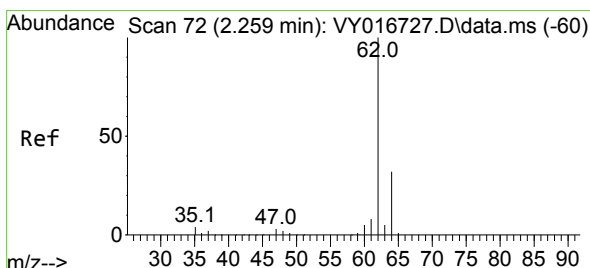
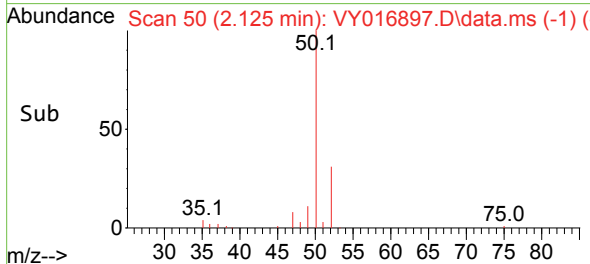
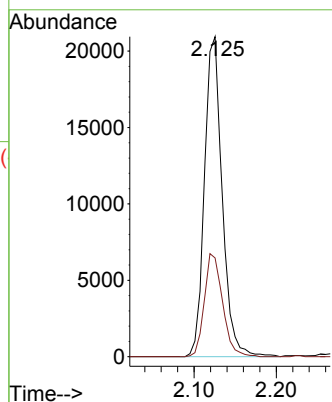
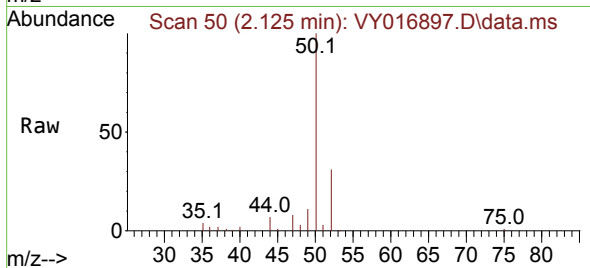
ClientSampleId :

Tgt Ion: 50 Resp: 31396

Ion Ratio Lower Upper

50 100

52 30.9 26.7 40.1



#4

Vinyl Chloride

Concen: 18.795 ug/l

RT: 2.260 min Scan# 72

Delta R.T. 0.001 min

Lab File: VY016897.D

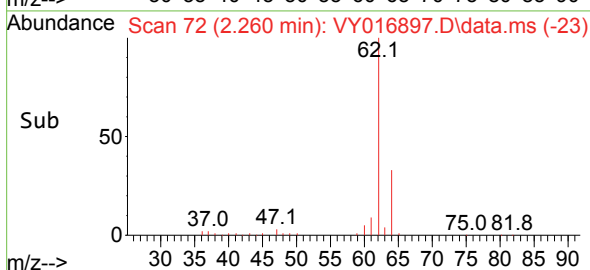
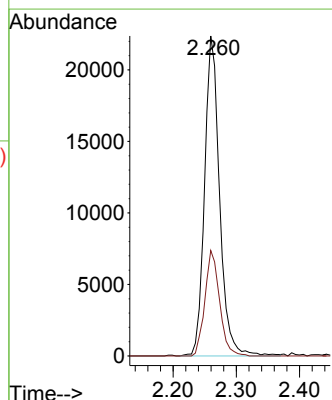
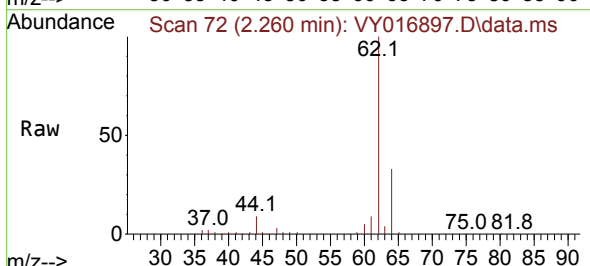
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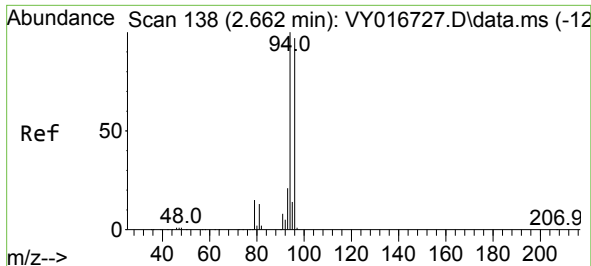
Tgt Ion: 62 Resp: 37090

Ion Ratio Lower Upper

62 100

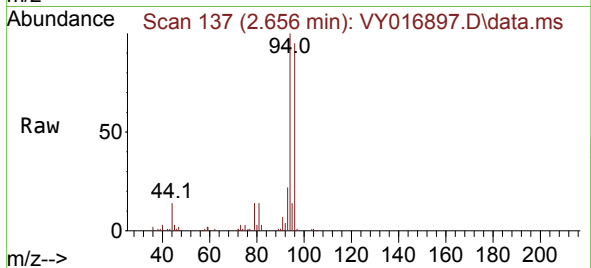
64 33.0 25.7 38.5



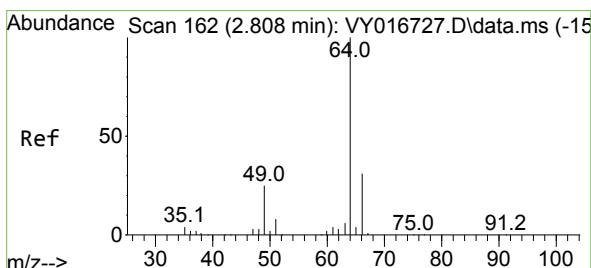
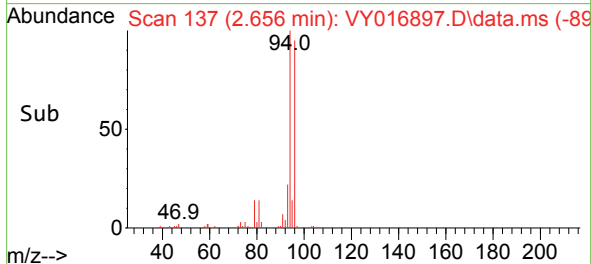
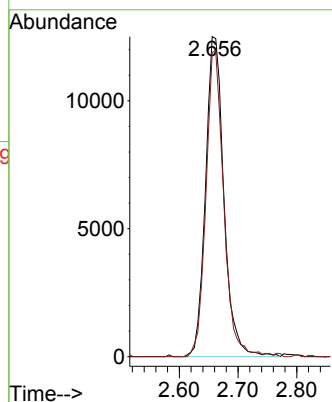


#5
Bromomethane
Concen: 19.227 ug/l
RT: 2.656 min Scan# 138
Delta R.T. -0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

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ClientSampleId :

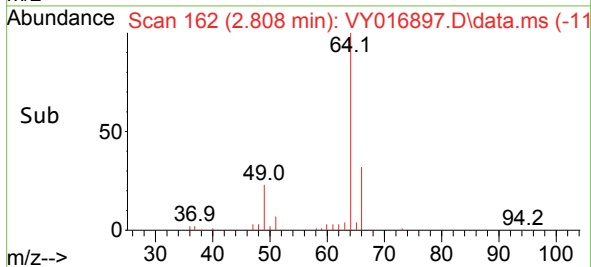
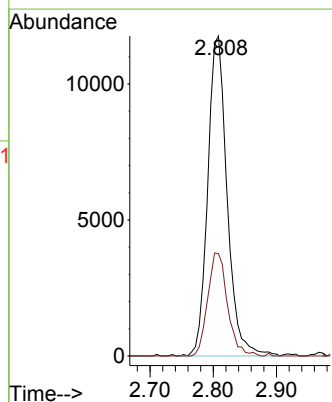
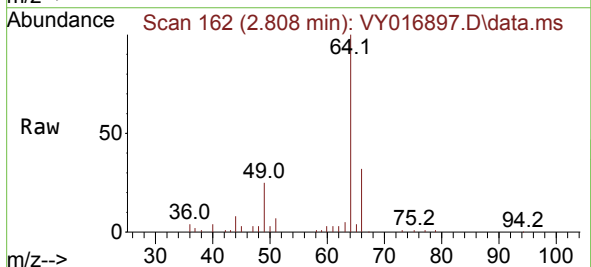


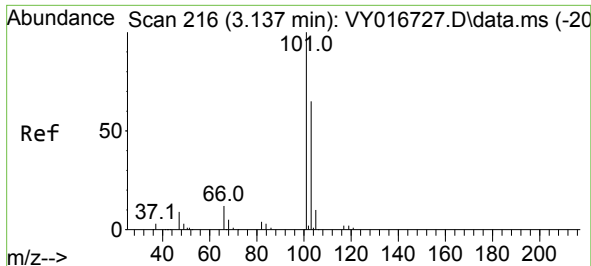
Tgt Ion: 94 Resp: 27182
Ion Ratio Lower Upper
94 100
96 95.1 77.3 115.9



#6
Chloroethane
Concen: 18.790 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion: 64 Resp: 25082
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7

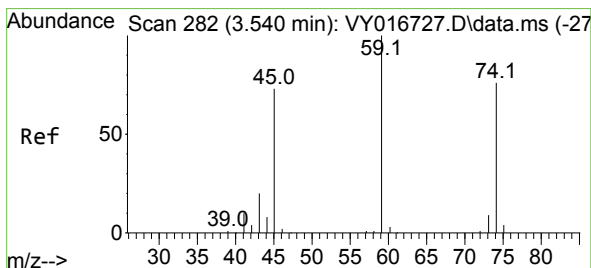
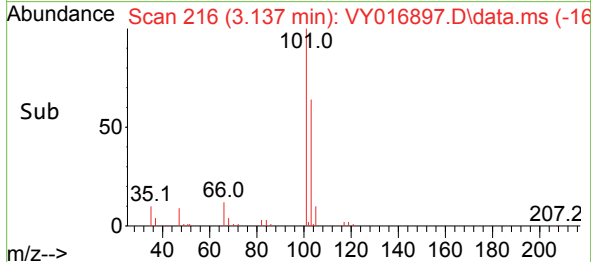
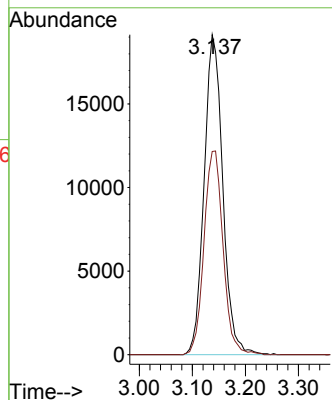
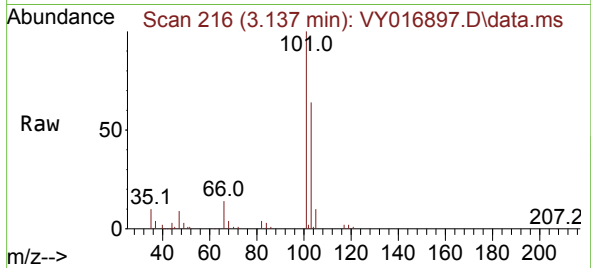




#7
 Trichlorofluoromethane
 Concen: 19.258 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016897.D
 Acq: 02 Jan 2024 16:21

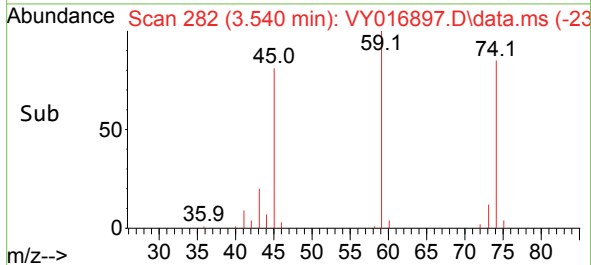
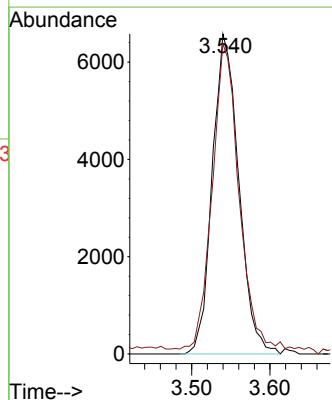
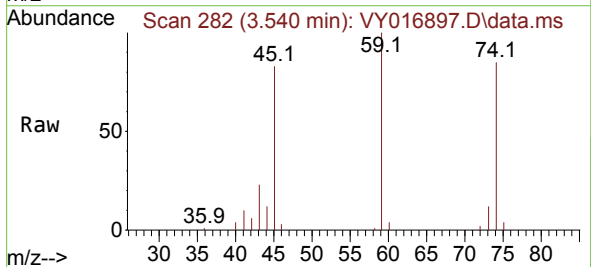
Instrument :
 MSVOA_Y
 ClientSampleId :

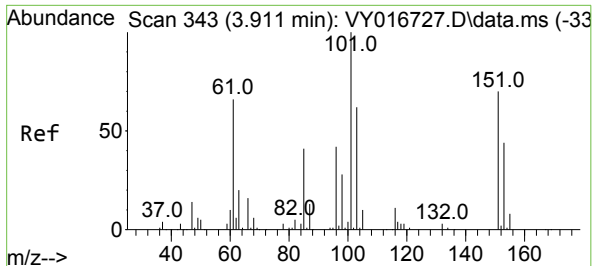
Tgt Ion:101 Resp: 46824
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 19.852 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016897.D
 Acq: 02 Jan 2024 16:21

Tgt Ion: 74 Resp: 15426
 Ion Ratio Lower Upper
 74 100
 45 102.7 47.9 143.7

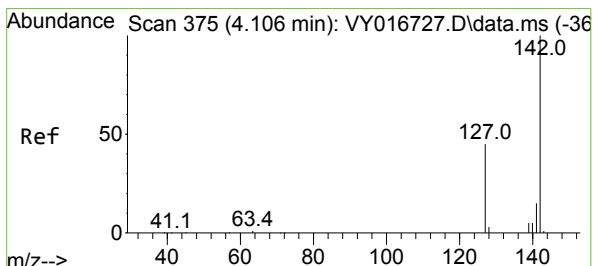
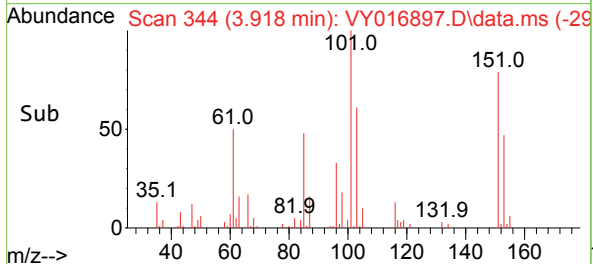
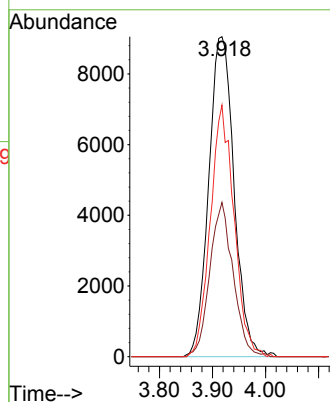
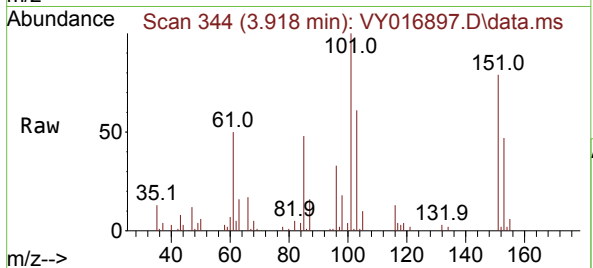




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.023 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.007 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

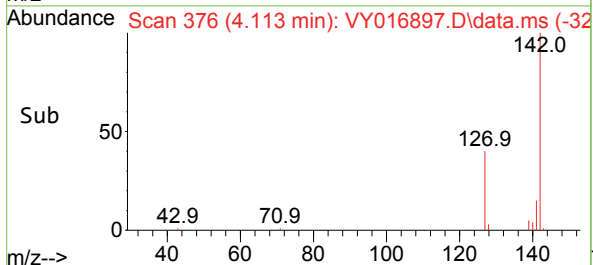
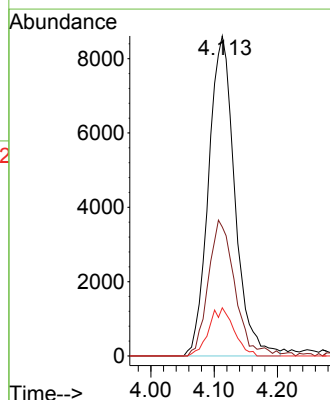
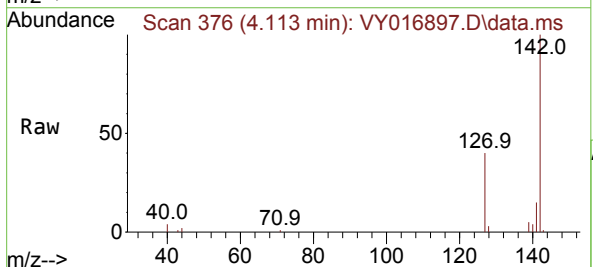
Instrument :
MSVOA_Y
ClientSampleId :

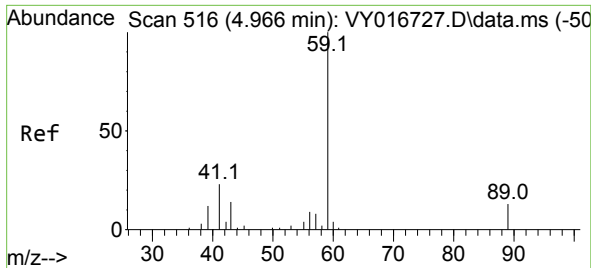
Tgt Ion:101 Resp: 30074
Ion Ratio Lower Upper
101 100
85 44.4 35.8 53.6
151 73.5 58.6 88.0



#10
Methyl Iodide
Concen: 18.453 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.007 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

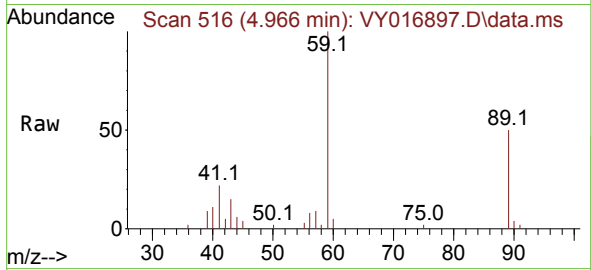
Tgt Ion:142 Resp: 24819
Ion Ratio Lower Upper
142 100
127 43.4 35.1 52.7
141 14.4 11.8 17.6



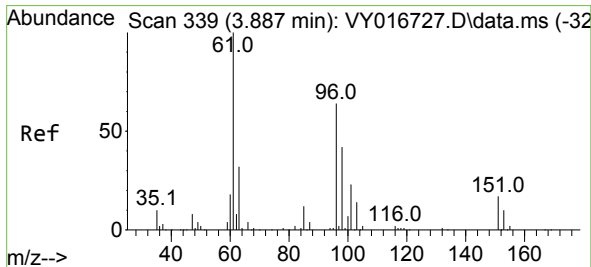
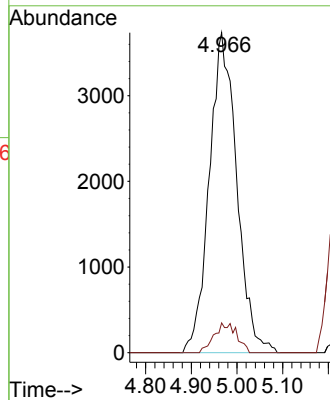
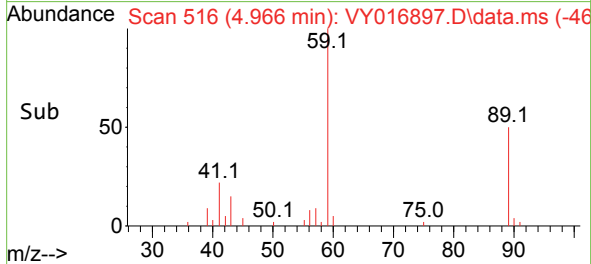


#11
Tert butyl alcohol
Concen: 137.312 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

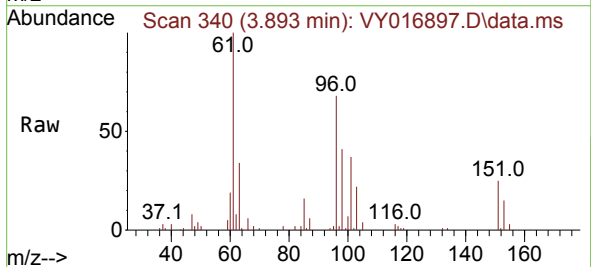
Instrument :
MSVOA_Y
ClientSampleId :



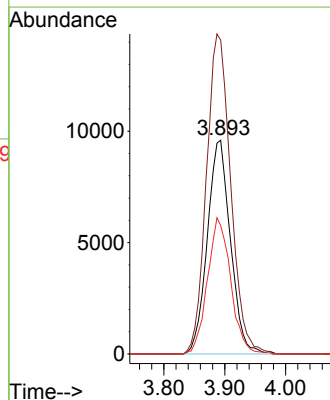
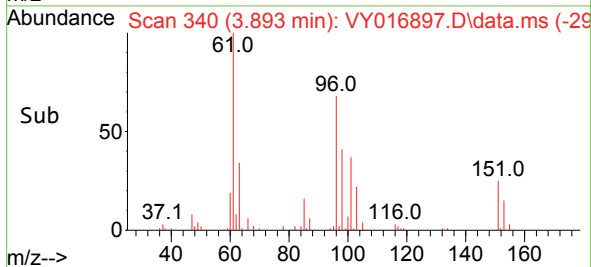
Tgt Ion: 59 Resp: 15593
Ion Ratio Lower Upper
59 100
57 7.6 7.4 11.0

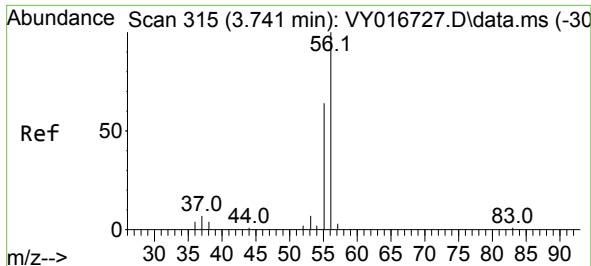


#12
1,1-Dichloroethene
Concen: 18.704 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21



Tgt Ion: 96 Resp: 25371
Ion Ratio Lower Upper
96 100
61 146.9 124.2 186.2
98 60.0 52.6 79.0





#13

Acrolein

Concen: 123.608 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

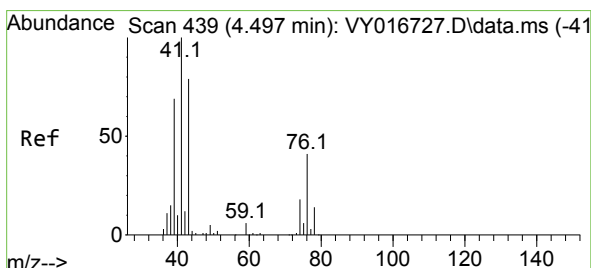
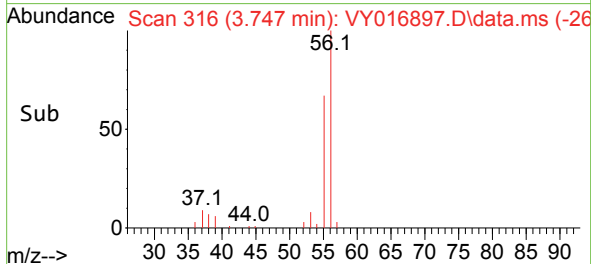
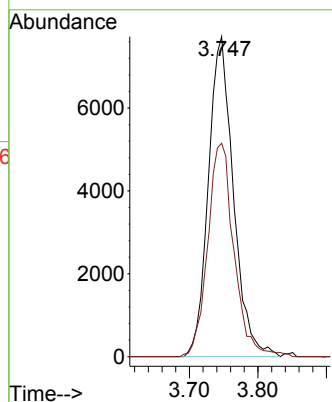
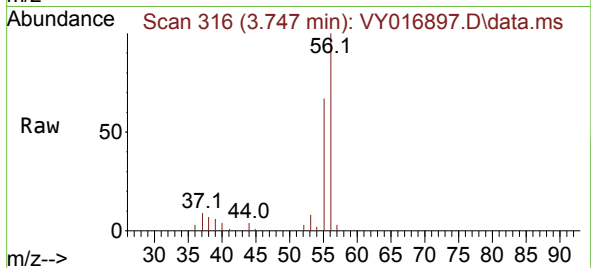
ClientSampleId :

Tgt Ion: 56 Resp: 19584

Ion Ratio Lower Upper

56 100

55 69.9 55.4 83.0



#14

Allyl chloride

Concen: 19.292 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

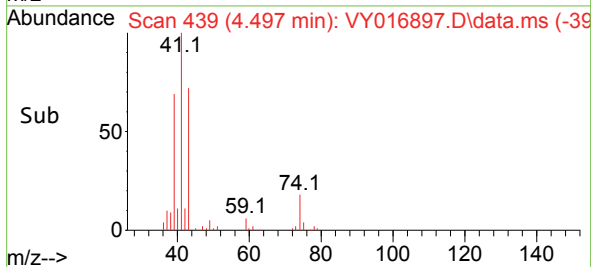
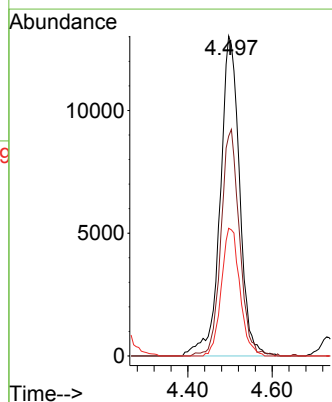
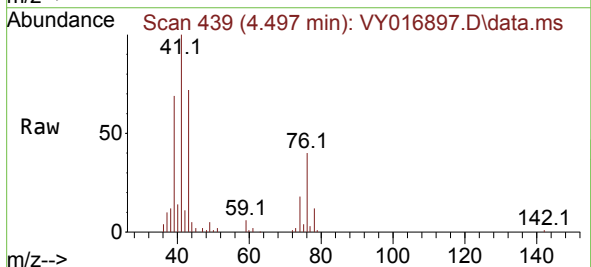
Tgt Ion: 41 Resp: 41371

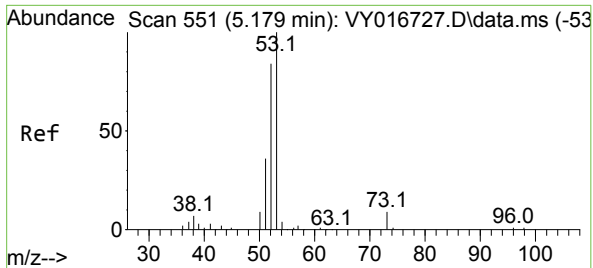
Ion Ratio Lower Upper

41 100

39 67.8 54.7 82.1

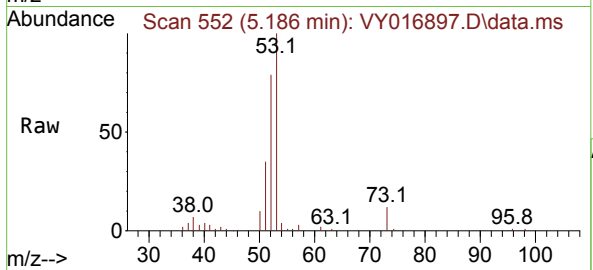
76 38.2 31.8 47.6



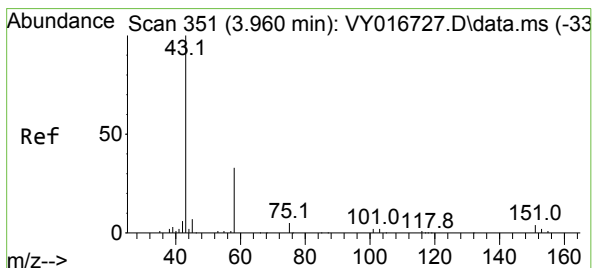
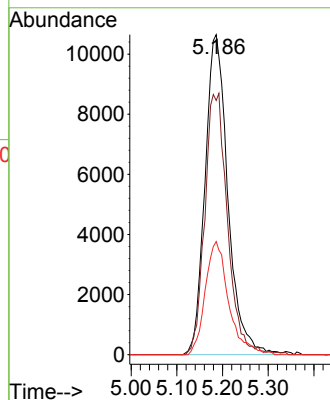
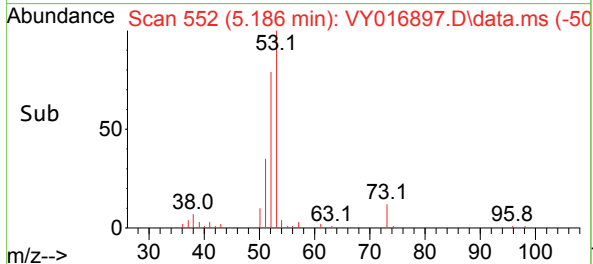


#15
Acrylonitrile
Concen: 101.857 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Instrument :
MSVOA_Y
ClientSampleId :

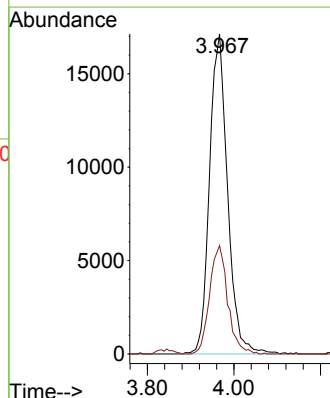
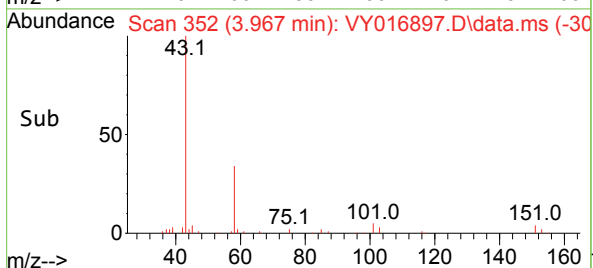
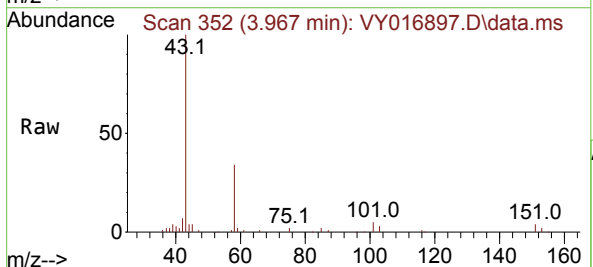


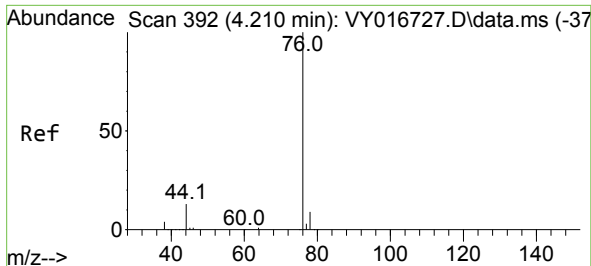
Tgt Ion:	53	Resp:	37021
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.1	97.7
51	36.3	29.0	43.4



#16
Acetone
Concen: 131.232 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion:	43	Resp:	49505
Ion	Ratio	Lower	Upper
43	100		
58	33.9	26.6	39.8

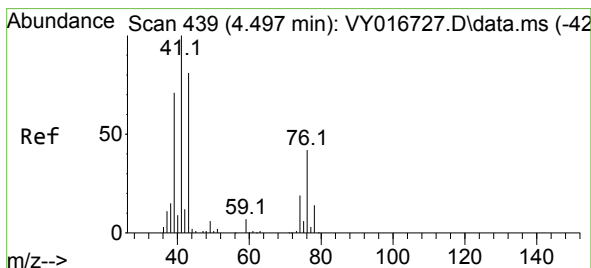
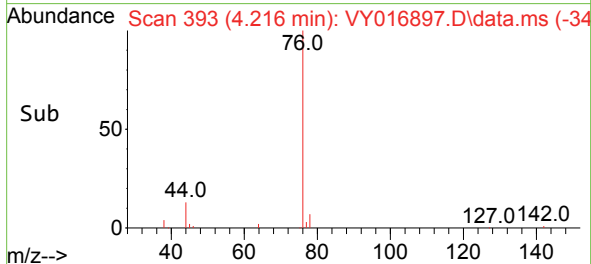
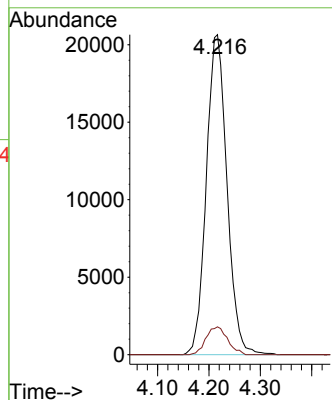
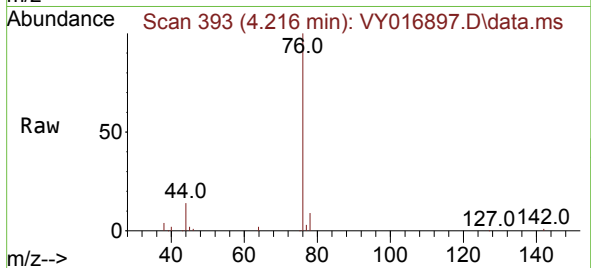




#17
Carbon Disulfide
Concen: 17.750 ug/l
RT: 4.216 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

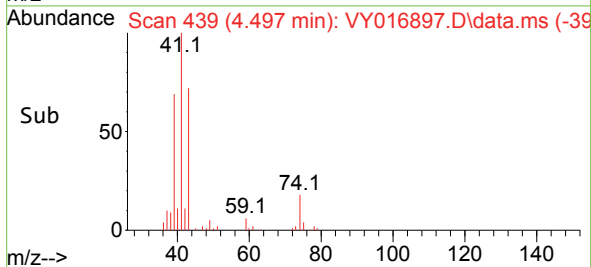
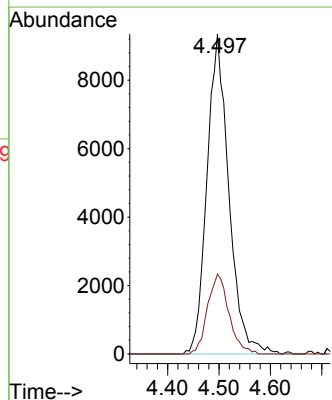
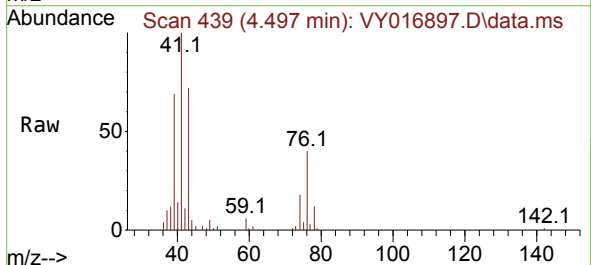
Instrument :
MSVOA_Y
ClientSampleId :

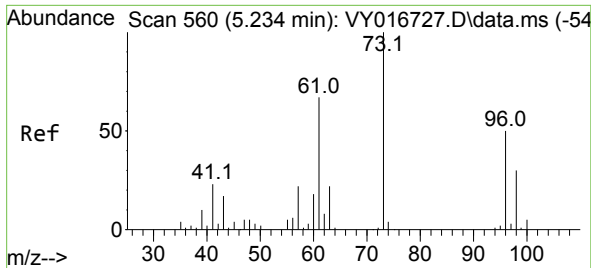
Tgt Ion: 76 Resp: 57531
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 18.295 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion: 43 Resp: 27589
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.6

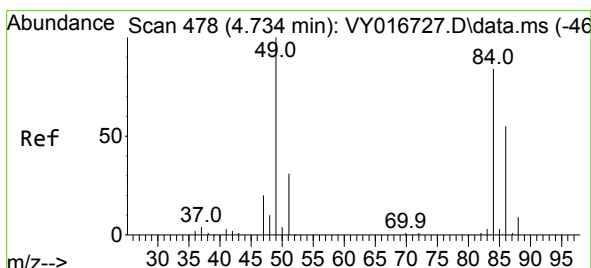
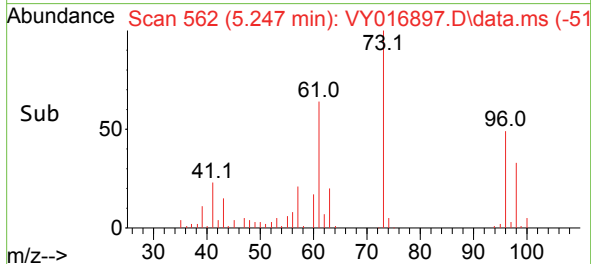
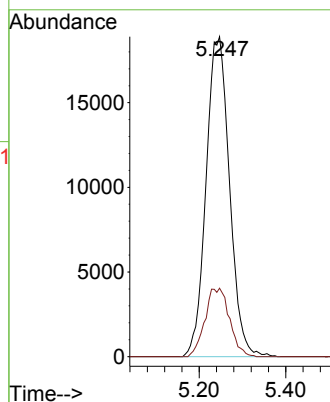
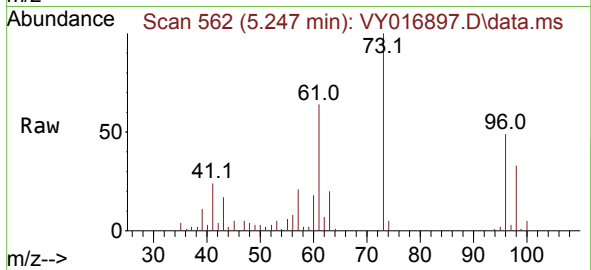




#19
Methyl tert-butyl Ether
Concen: 20.117 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.013 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

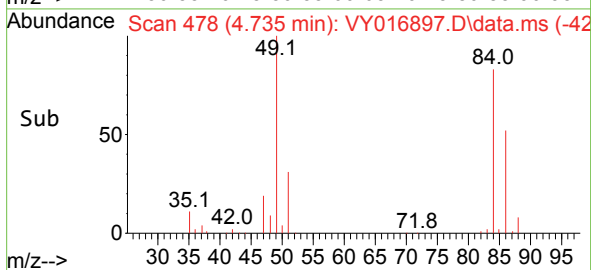
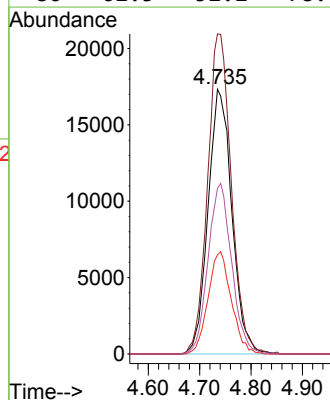
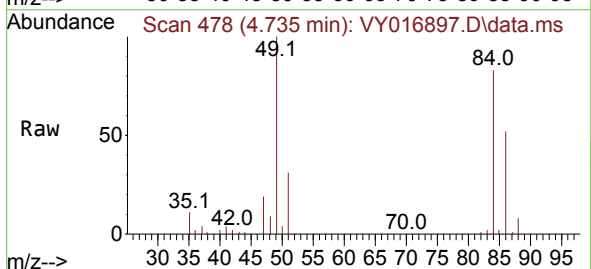
Instrument :
MSVOA_Y
ClientSampleId :

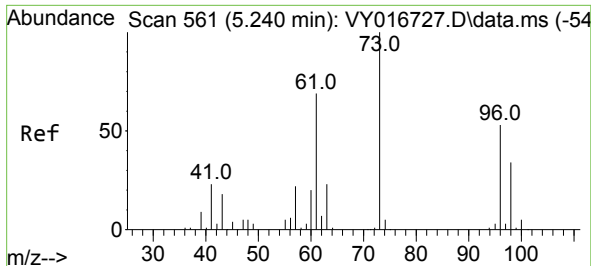
Tgt Ion: 73 Resp: 70993
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5



#20
Methylene Chloride
Concen: 26.823 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion: 84 Resp: 55768
Ion Ratio Lower Upper
84 100
49 120.9 95.2 142.8
51 37.4 29.9 44.9
86 62.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 18.527 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.007 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

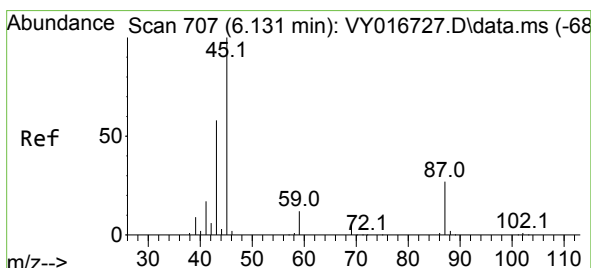
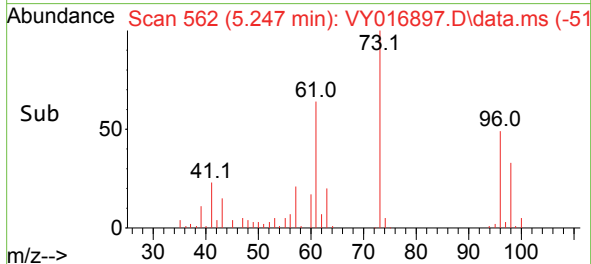
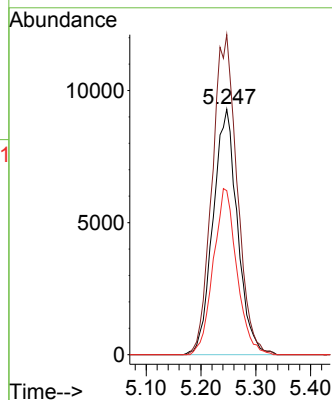
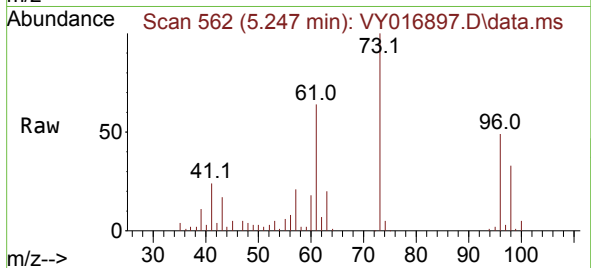
Tgt Ion: 96 Resp: 28783

Ion Ratio Lower Upper

96 100

61 130.3 104.6 156.8

98 66.8 50.9 76.3



#22

Diisopropyl ether

Concen: 19.682 ug/l

RT: 6.143 min Scan# 709

Delta R.T. 0.012 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Tgt Ion: 45 Resp: 97578

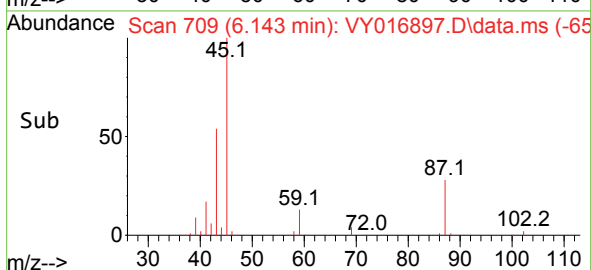
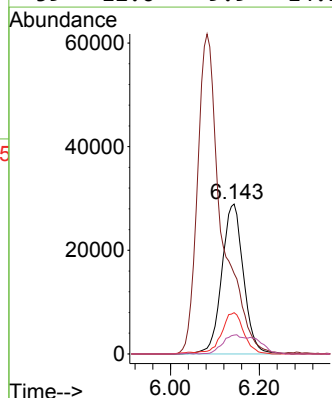
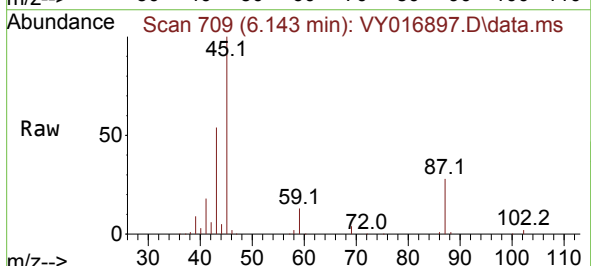
Ion Ratio Lower Upper

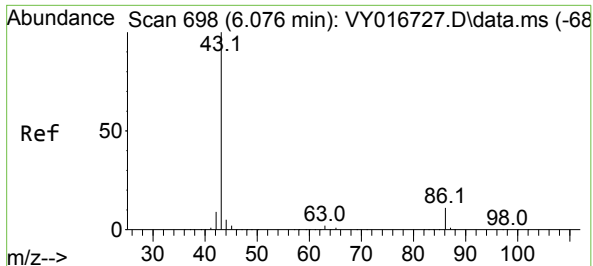
45 100

43 52.9 46.8 70.2

87 27.5 22.2 33.2

59 12.6 9.9 14.9





#23

Vinyl Acetate

Concen: 102.545 ug/l

RT: 6.082 min Scan# 699

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

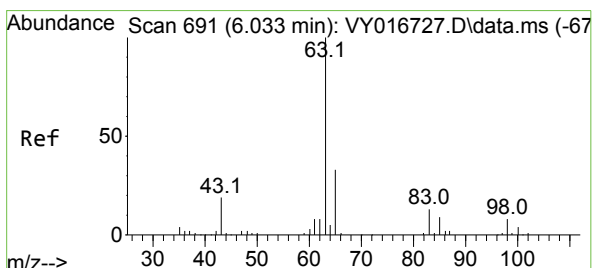
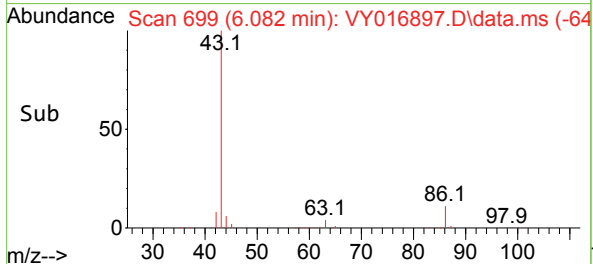
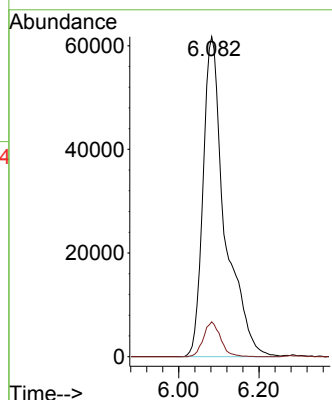
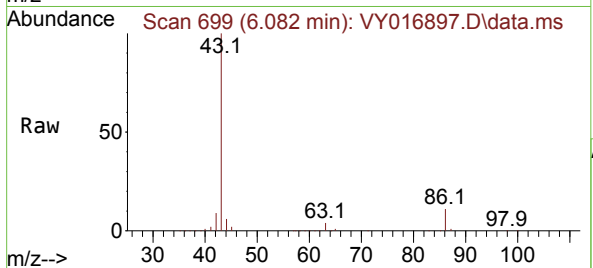
ClientSampleId :

Tgt Ion: 43 Resp: 233105

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



#24

1,1-Dichloroethane

Concen: 19.037 ug/l

RT: 6.039 min Scan# 692

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

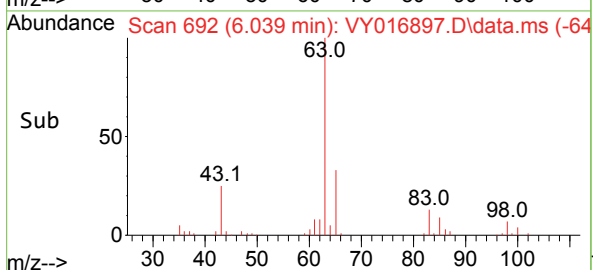
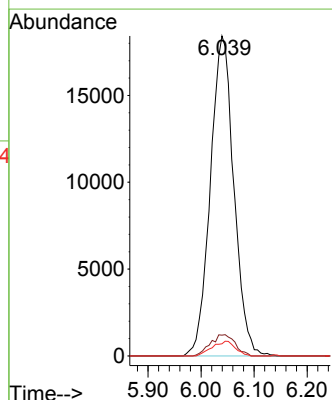
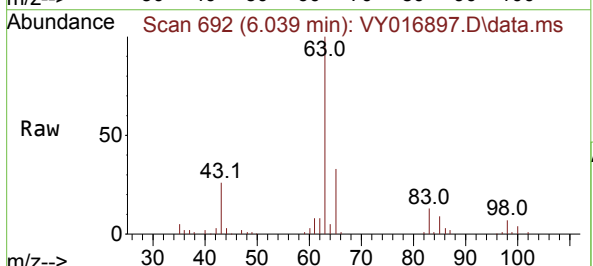
Tgt Ion: 63 Resp: 56715

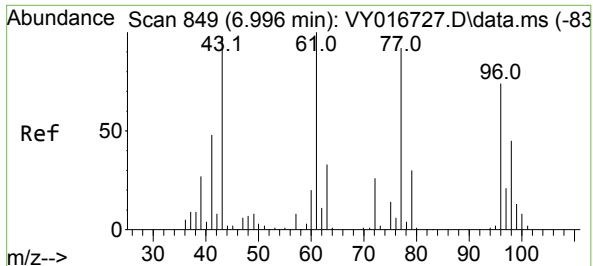
Ion Ratio Lower Upper

63 100

98 6.5 3.8 11.4

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 120.065 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

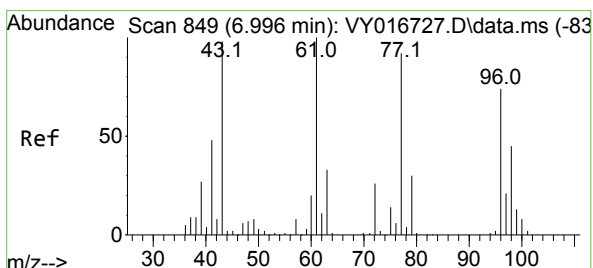
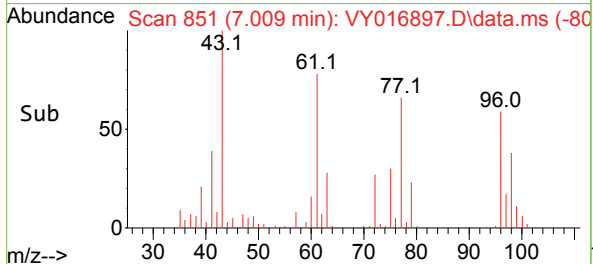
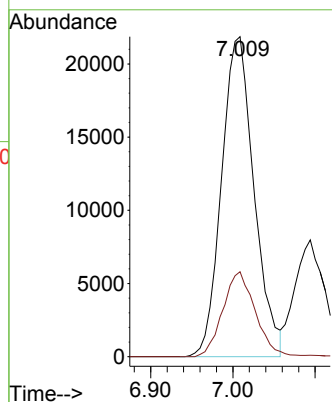
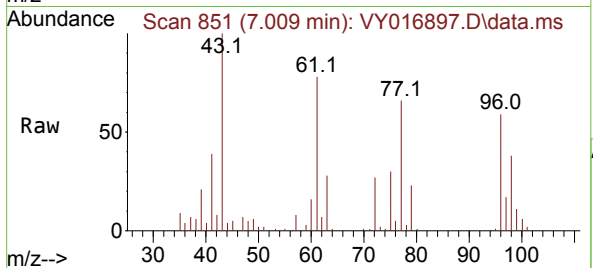
ClientSampleId :

Tgt Ion: 43 Resp: 60094

Ion Ratio Lower Upper

43 100

72 26.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 18.884 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.007 min

Lab File: VY016897.D

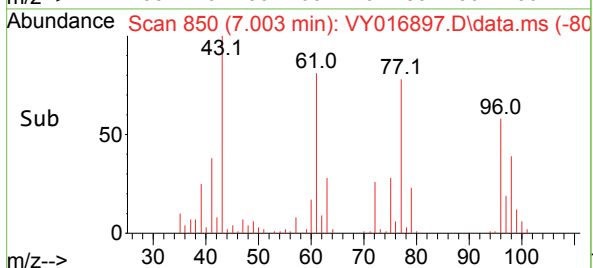
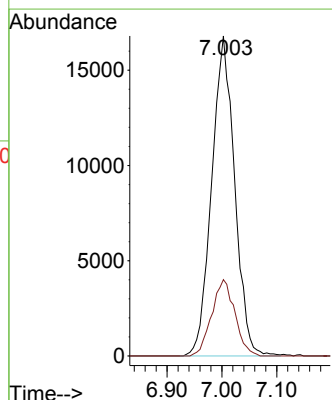
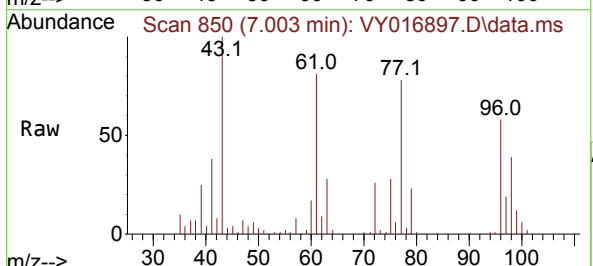
Acq: 02 Jan 2024 16:21

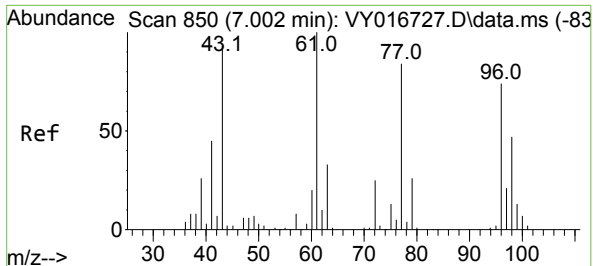
Tgt Ion: 77 Resp: 48780

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.205 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.007 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

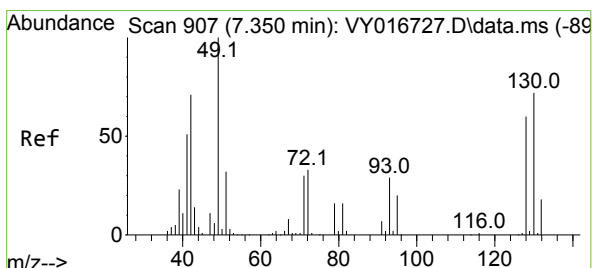
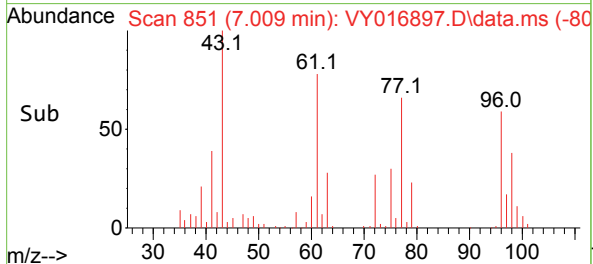
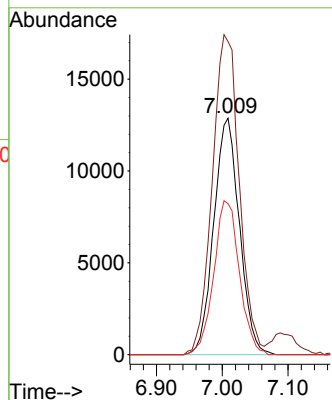
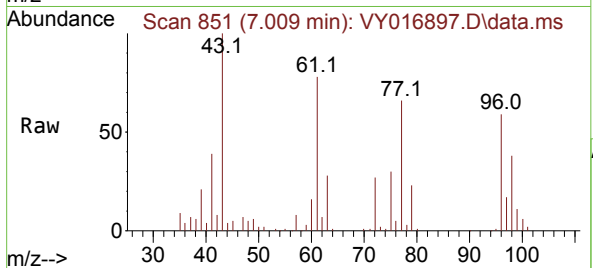
Tgt Ion: 96 Resp: 34974

Ion Ratio Lower Upper

96 100

61 142.3 0.0 278.8

98 65.1 0.0 127.0



#28

Bromochloromethane

Concen: 19.922 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

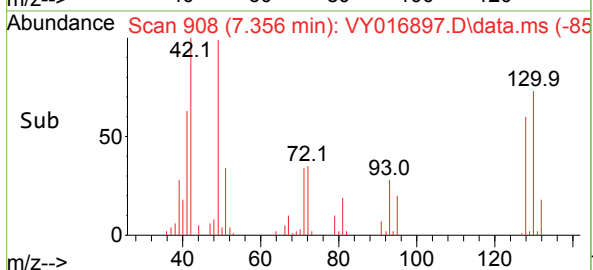
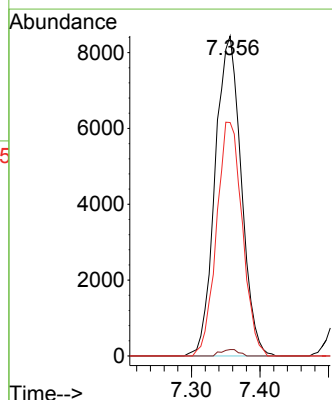
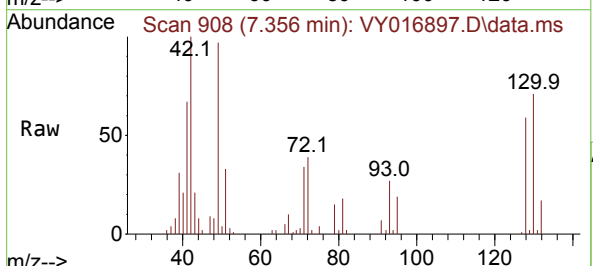
Tgt Ion: 49 Resp: 22282

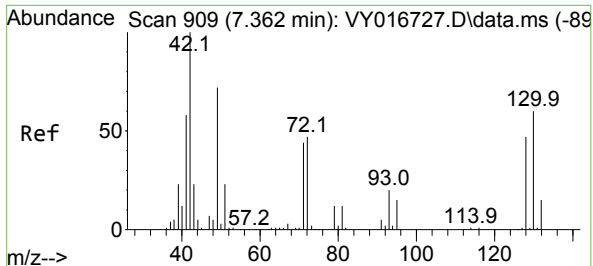
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

130 72.2 59.8 89.8





#29

Tetrahydrofuran

Concen: 103.106 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

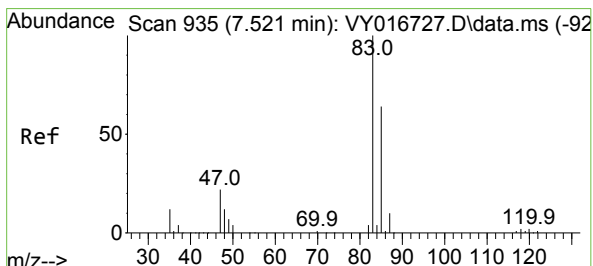
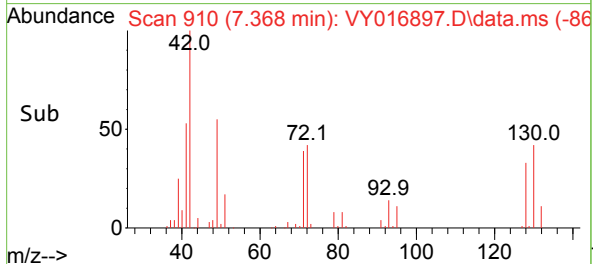
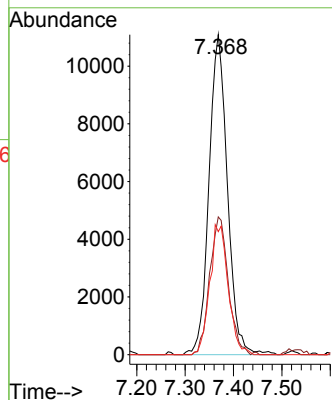
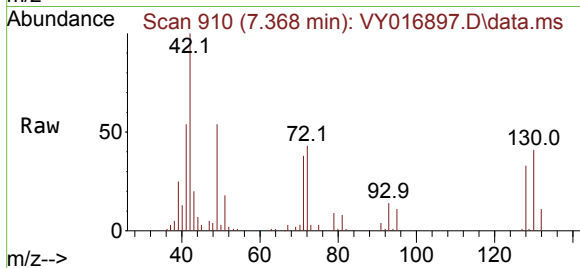
Tgt Ion: 42 Resp: 29374

Ion Ratio Lower Upper

42 100

72 43.5 36.6 54.8

71 40.7 33.8 50.6



#30

Chloroform

Concen: 19.242 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016897.D

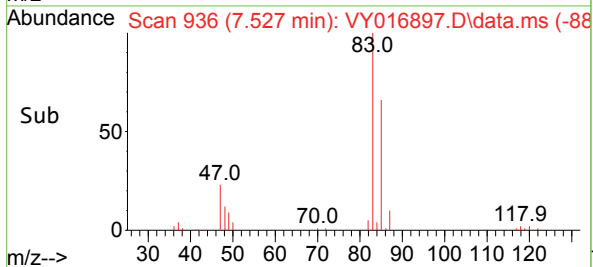
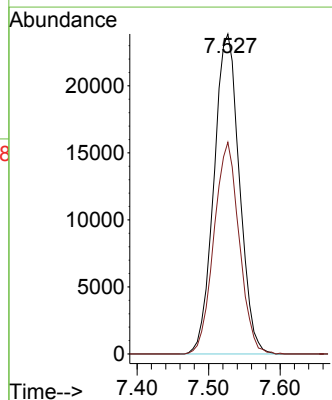
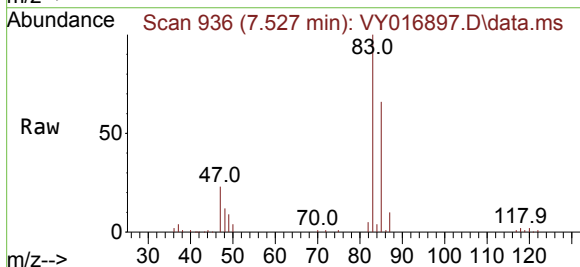
Acq: 02 Jan 2024 16:21

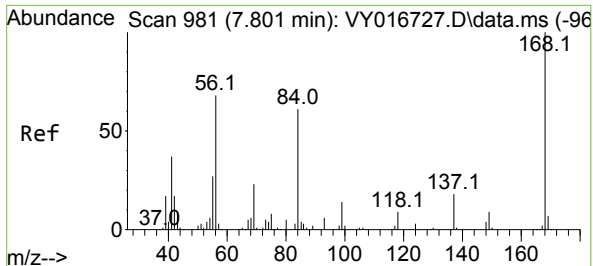
Tgt Ion: 83 Resp: 59075

Ion Ratio Lower Upper

83 100

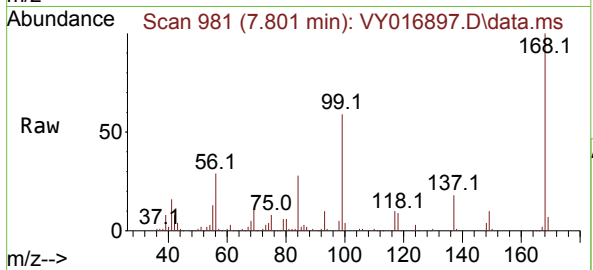
85 66.2 51.2 76.8



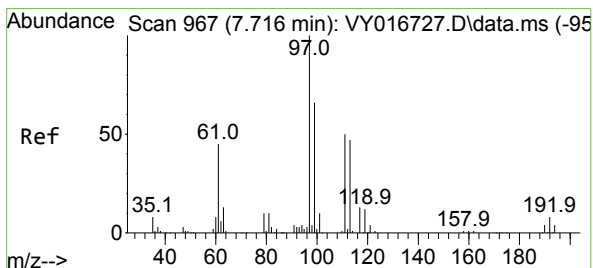
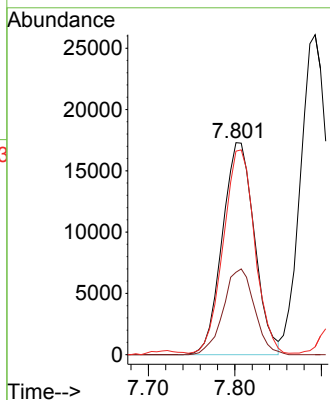
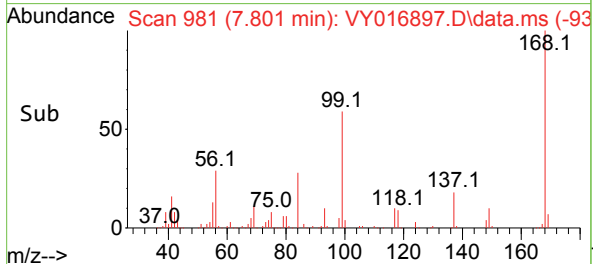


#31
Cyclohexane
Concen: 18.482 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Instrument :
MSVOA_Y
ClientSampleId :

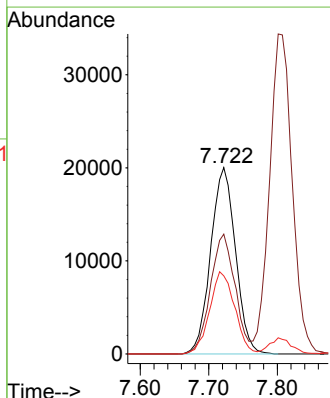
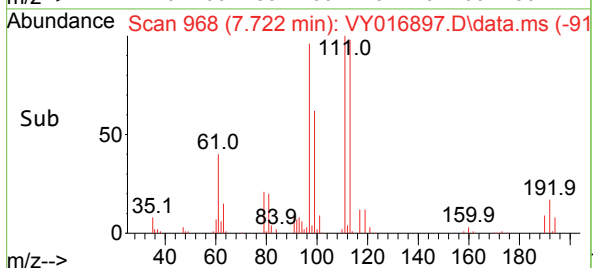
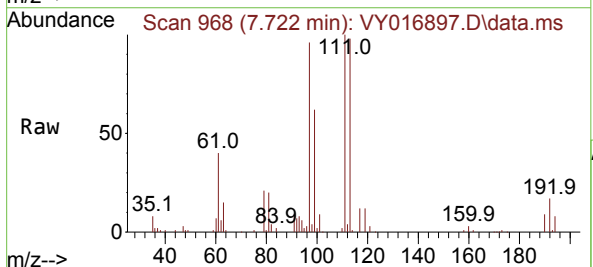


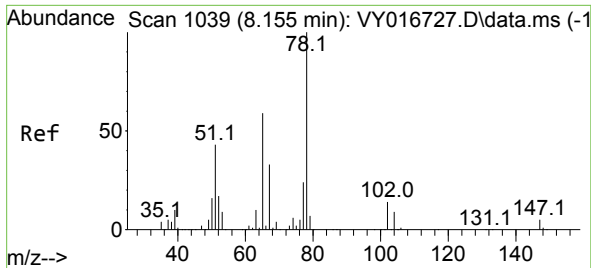
Tgt Ion: 56 Resp: 44650
Ion Ratio Lower Upper
56 100
69 38.9 27.0 40.6
84 94.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.328 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion: 97 Resp: 50313
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 44.5 35.0 52.6

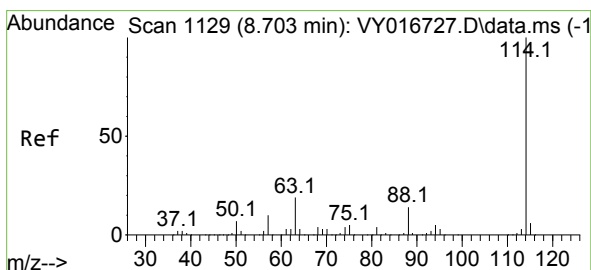
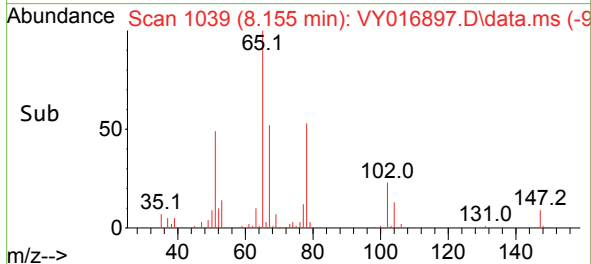
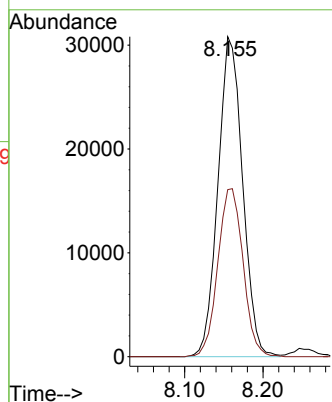
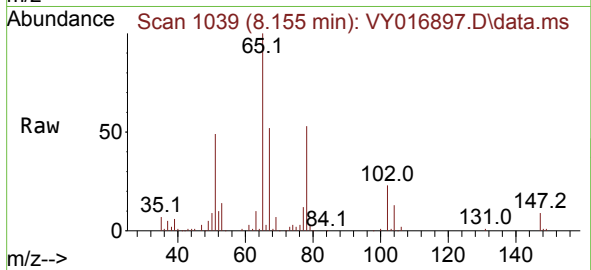




#33
 1,2-Dichloroethane-d4
 Concen: 47.843 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016897.D
 Acq: 02 Jan 2024 16:21

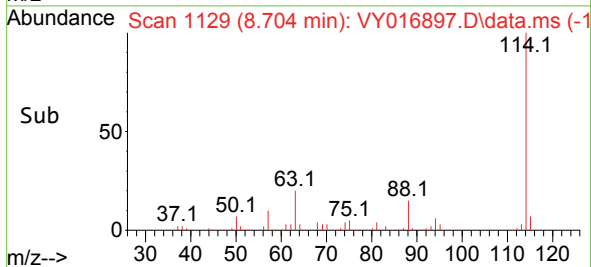
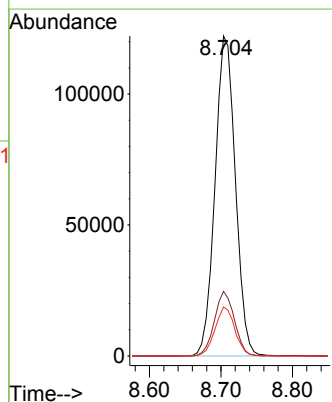
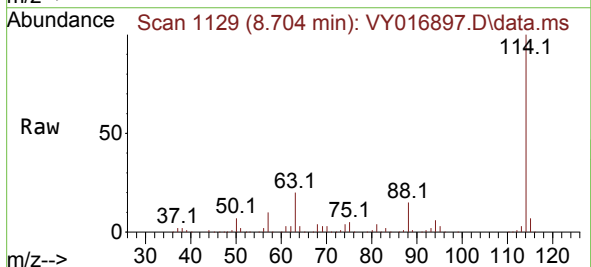
Instrument :
 MSVOA_Y
 ClientSampleId :

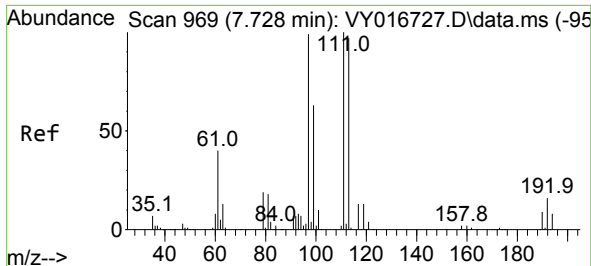
Tgt Ion: 65 Resp: 67343
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.704 min Scan# 1129
 Delta R.T. 0.001 min
 Lab File: VY016897.D
 Acq: 02 Jan 2024 16:21

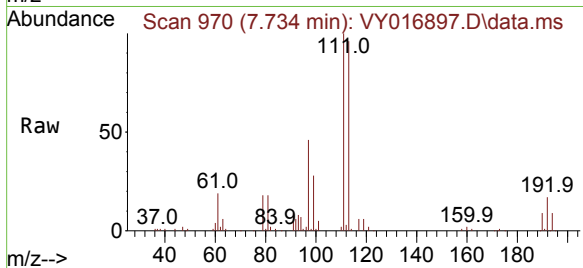
Tgt Ion:114 Resp: 241131
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.4
 88 15.3 0.0 29.0



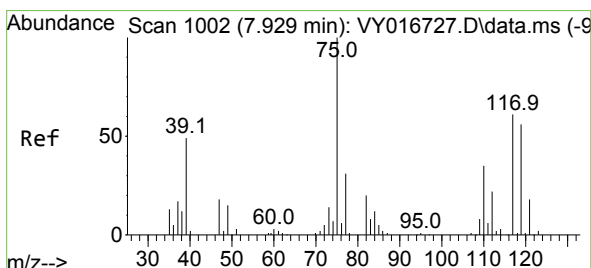
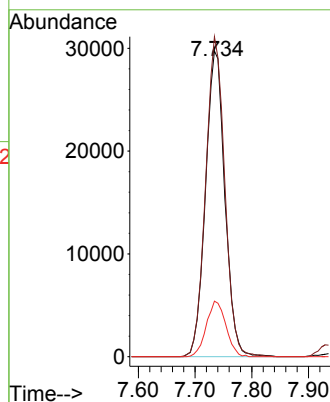
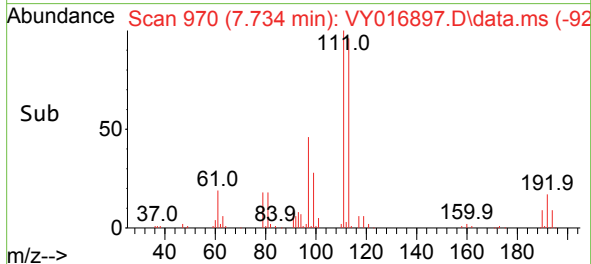


#35
Dibromofluoromethane
Concen: 45.875 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

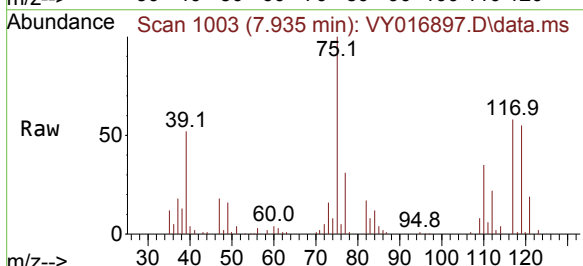
Instrument :
MSVOA_Y
ClientSampleId :



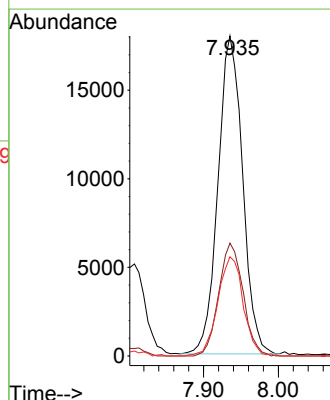
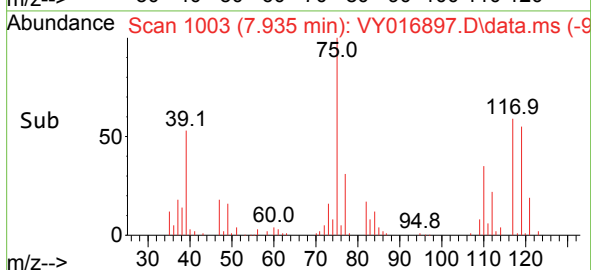
Tgt Ion:113 Resp: 70490
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.6
192 18.4 14.5 21.7

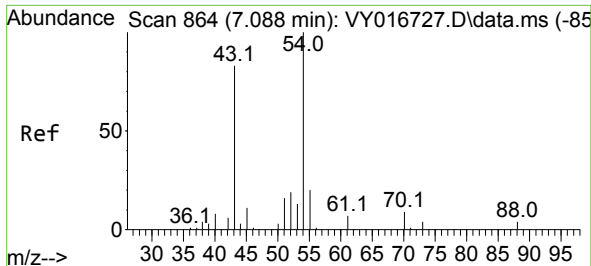


#36
1,1-Dichloropropene
Concen: 18.349 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21



Tgt Ion: 75 Resp: 41090
Ion Ratio Lower Upper
75 100
110 35.1 17.4 52.3
77 32.1 24.7 37.1





#37

Ethyl Acetate

Concen: 20.620 ug/l

RT: 7.094 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

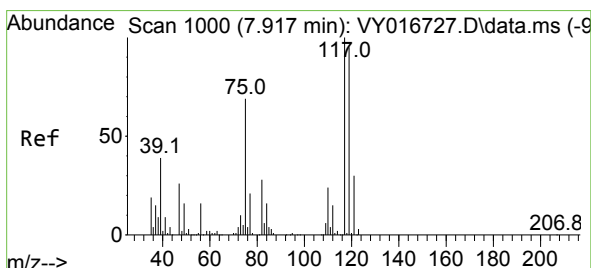
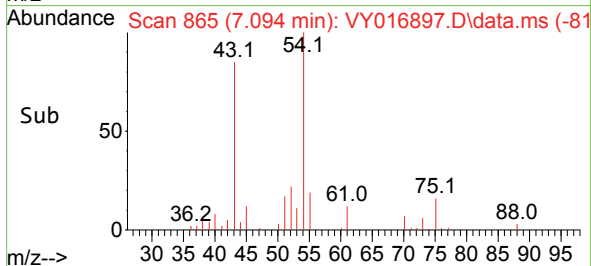
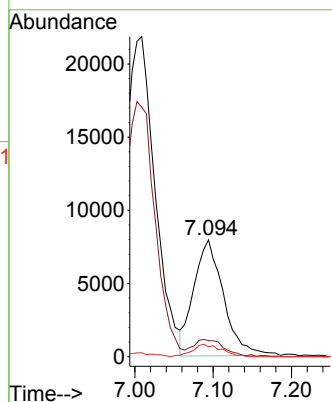
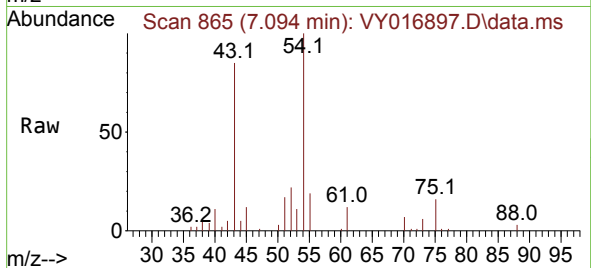
Tgt Ion: 43 Resp: 20984

Ion Ratio Lower Upper

43 100

61 15.6 11.0 16.6

70 10.3 8.1 12.1



#38

Carbon Tetrachloride

Concen: 18.807 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

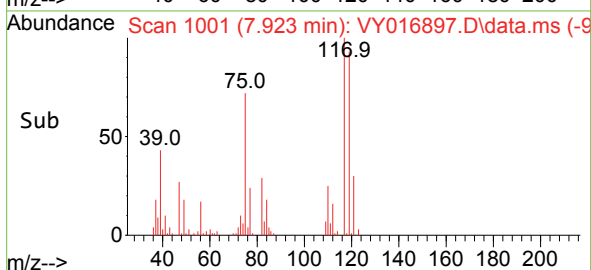
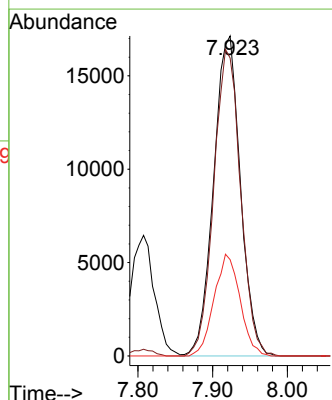
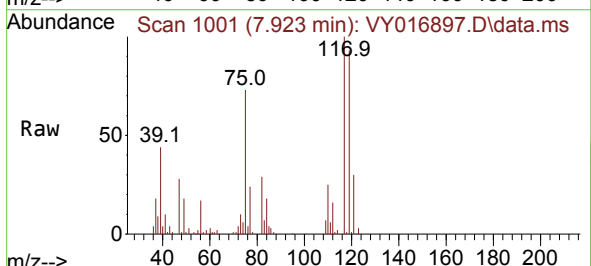
Tgt Ion: 117 Resp: 42789

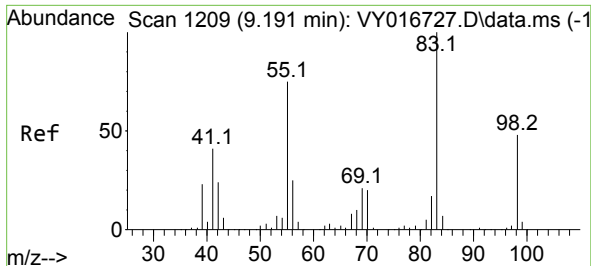
Ion Ratio Lower Upper

117 100

119 93.1 76.0 114.0

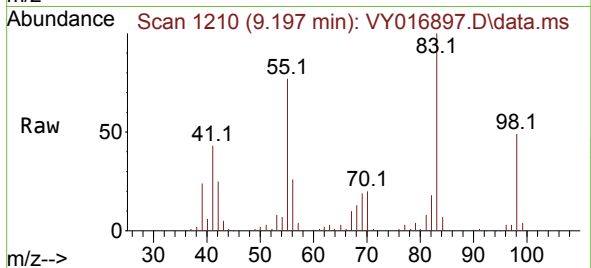
121 30.1 24.2 36.2



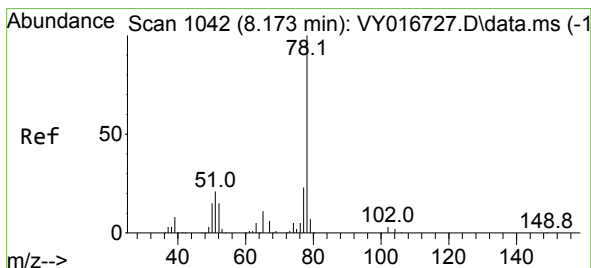
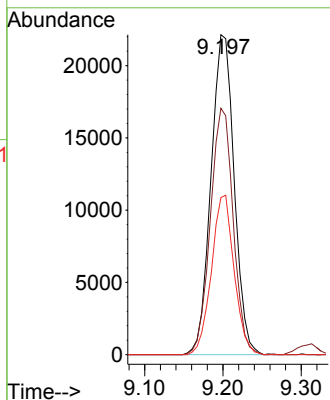
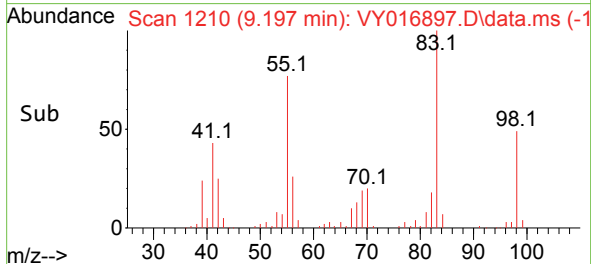


#39
Methylcyclohexane
Concen: 18.108 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Instrument :
MSVOA_Y
ClientSampleId :

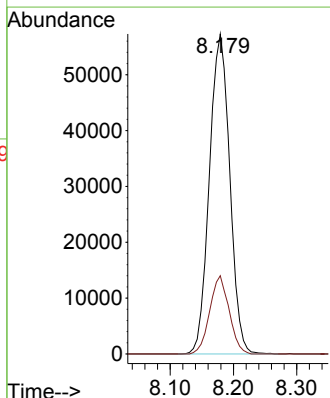
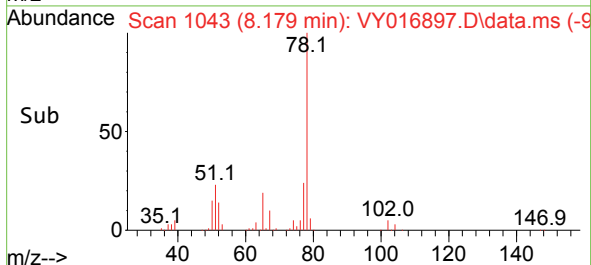
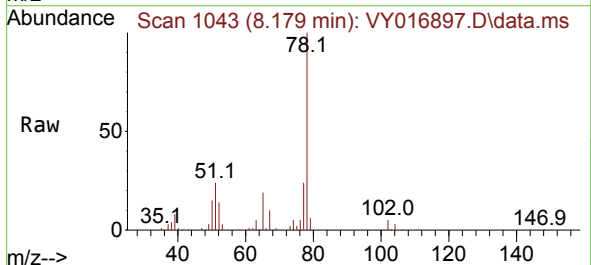


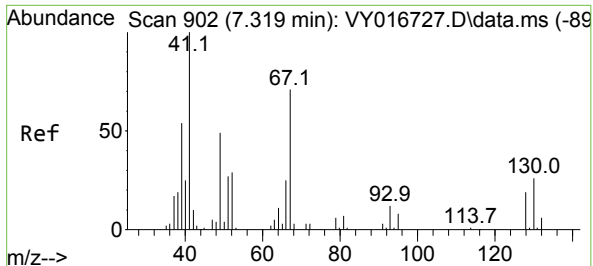
Tgt Ion: 83 Resp: 45586
Ion Ratio Lower Upper
83 100
55 77.0 59.7 89.5
98 49.1 38.0 57.0



#40
Benzene
Concen: 19.059 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

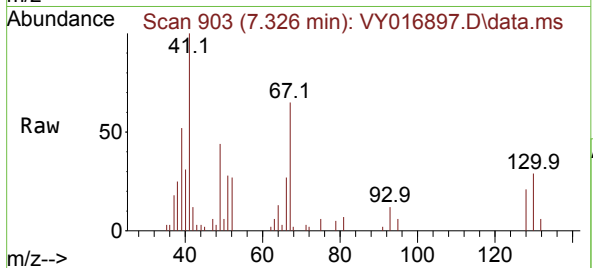
Tgt Ion: 78 Resp: 128033
Ion Ratio Lower Upper
78 100
77 24.5 18.8 28.2



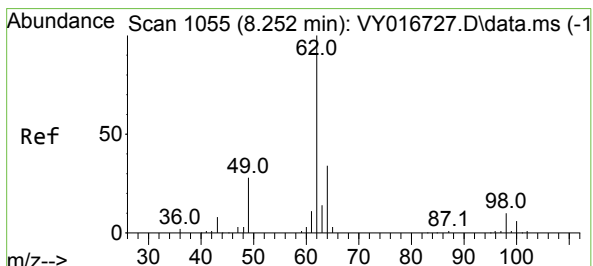
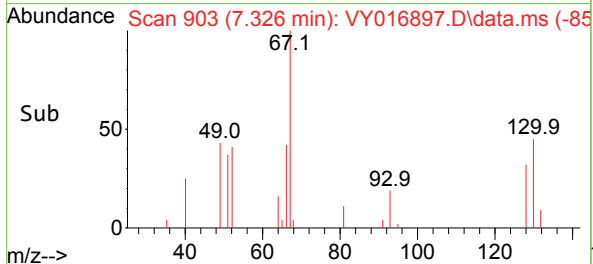
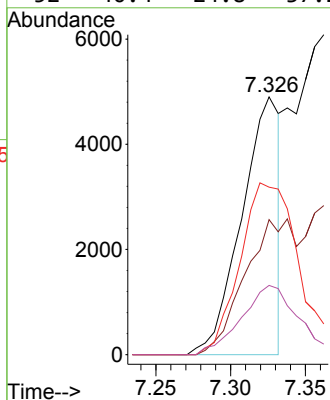


#41
Methacrylonitrile
Concen: 16.283 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Instrument :
MSVOA_Y
ClientSampleId :

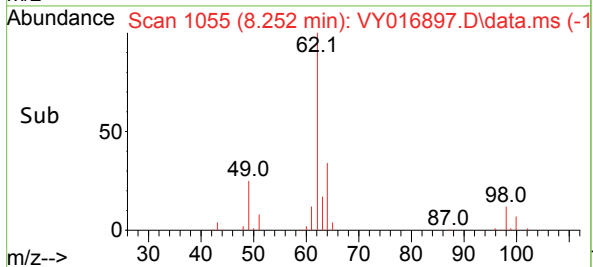
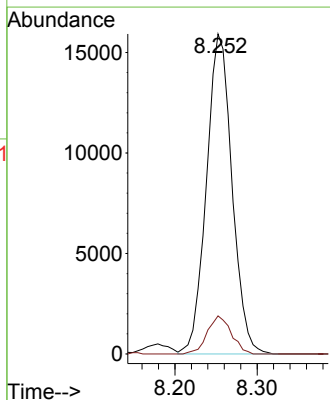
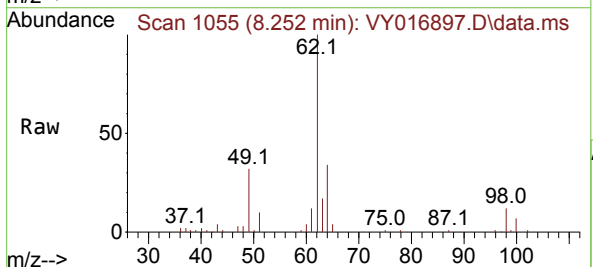


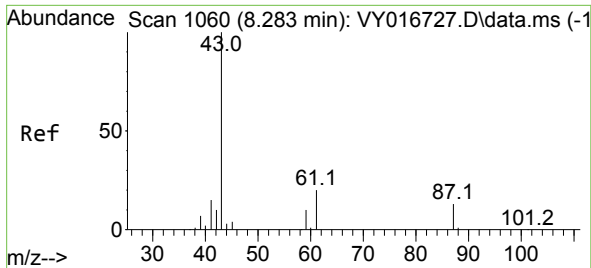
Tgt Ion:	41	Resp:	8727
Ion	Ratio	Lower	Upper
41	100		
39	69.0	41.9	62.9#
67	103.2	59.8	89.6#
52	40.4	24.8	37.2#



#42
1,2-Dichloroethane
Concen: 19.323 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion:	62	Resp:	34460
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	20.2

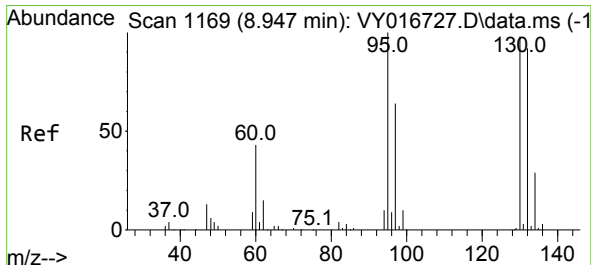
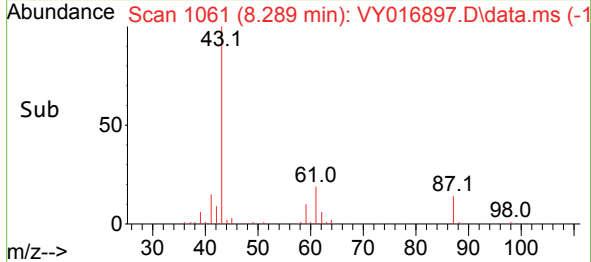
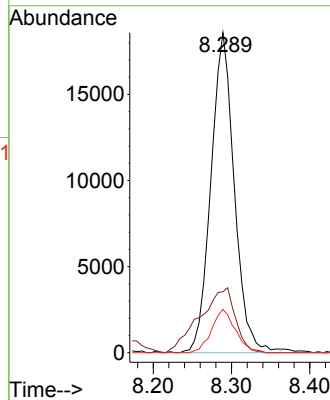
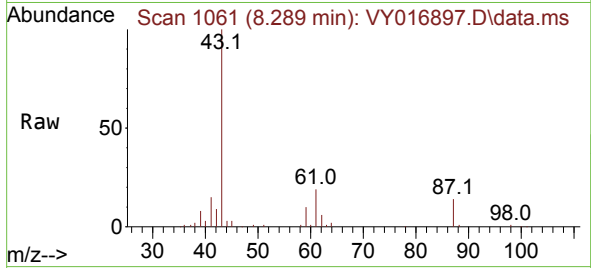




#43
Isopropyl Acetate
Concen: 19.768 ug/l
RT: 8.289 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

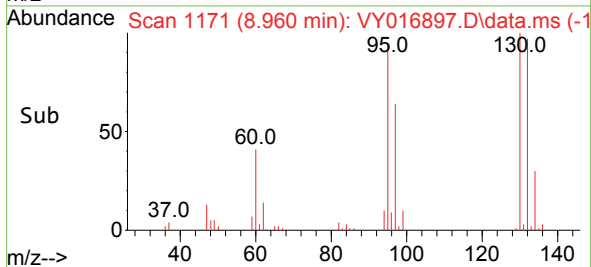
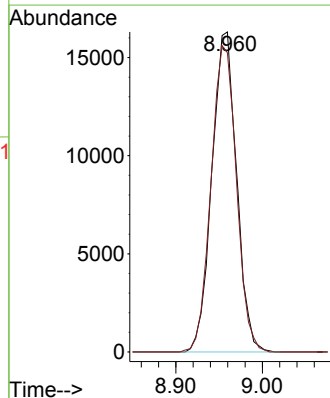
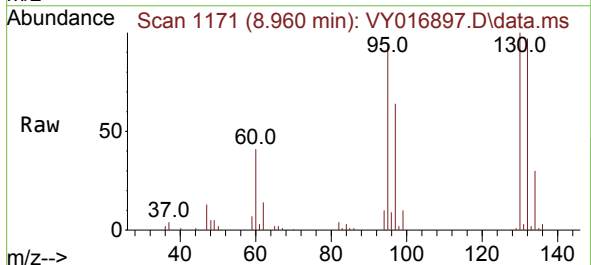
Instrument :
MSVOA_Y
ClientSampleId :

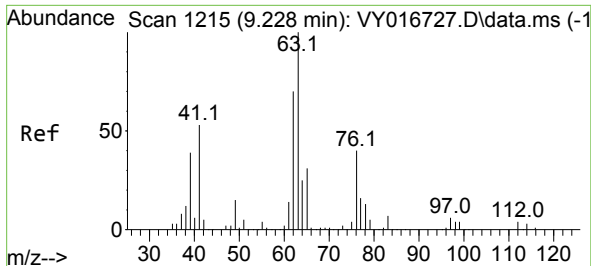
Tgt Ion: 43 Resp: 38524
Ion Ratio Lower Upper
43 100
61 30.8 24.8 37.2
87 13.6 10.7 16.1



#44
Trichloroethene
Concen: 18.882 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.013 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion:130 Resp: 32275
Ion Ratio Lower Upper
130 100
95 93.5 0.0 203.8

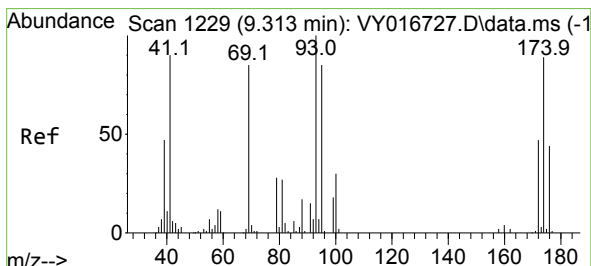
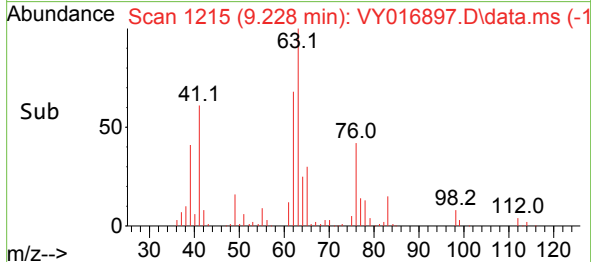
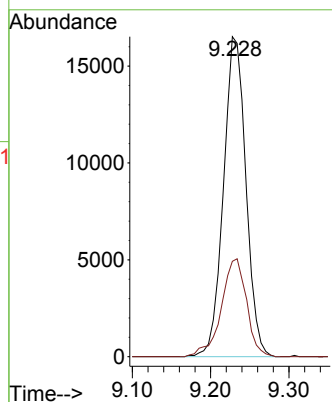
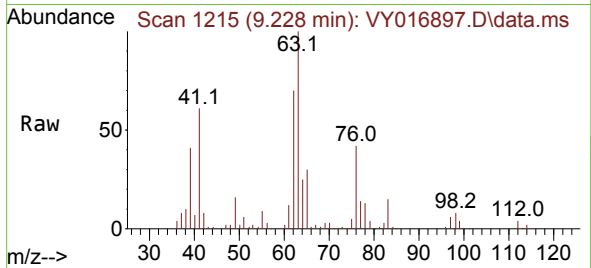




#45
1,2-Dichloropropane
Concen: 19.004 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

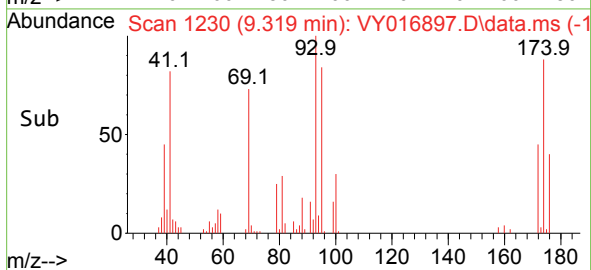
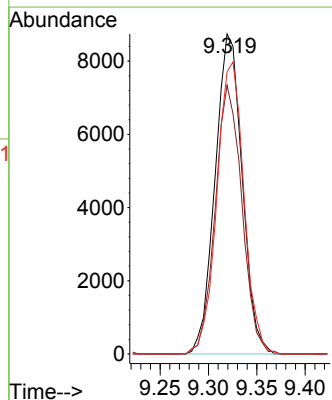
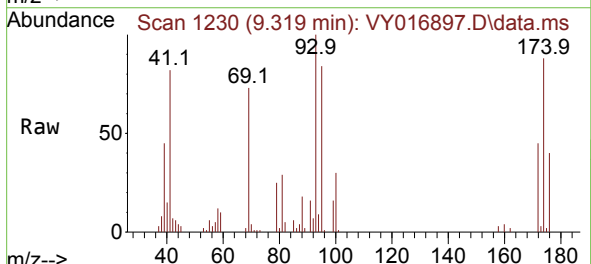
Instrument :
MSVOA_Y
ClientSampleId :

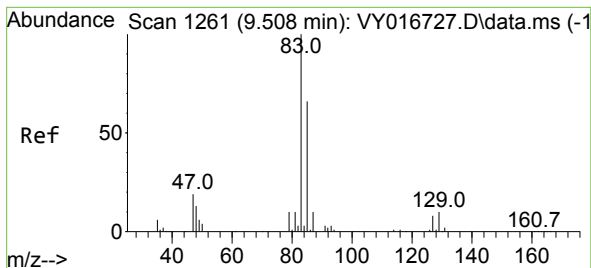
Tgt Ion: 63 Resp: 32889
Ion Ratio Lower Upper
63 100
65 29.8 24.6 36.8



#46
Dibromomethane
Concen: 19.286 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion: 93 Resp: 17022
Ion Ratio Lower Upper
93 100
95 82.6 66.6 99.8
174 91.0 73.8 110.6





#47

Bromodichloromethane

Concen: 19.360 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

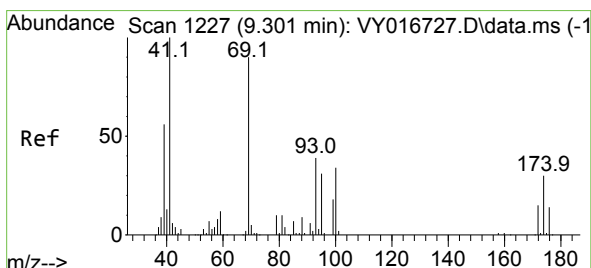
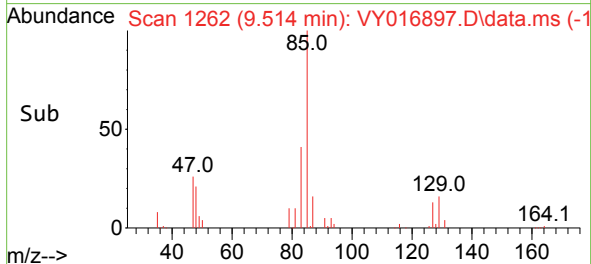
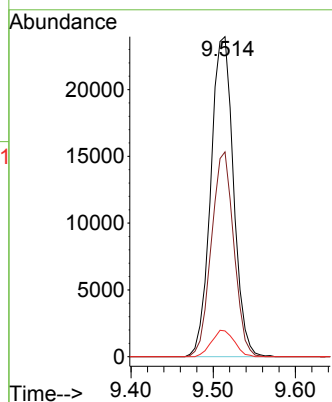
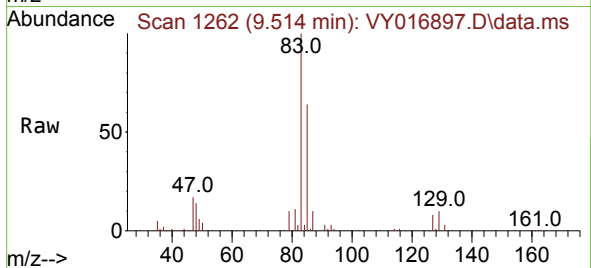
Tgt Ion: 83 Resp: 45886

Ion Ratio Lower Upper

83 100

85 64.0 53.2 79.8

127 8.0 6.4 9.6



#48

Methyl methacrylate

Concen: 19.124 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

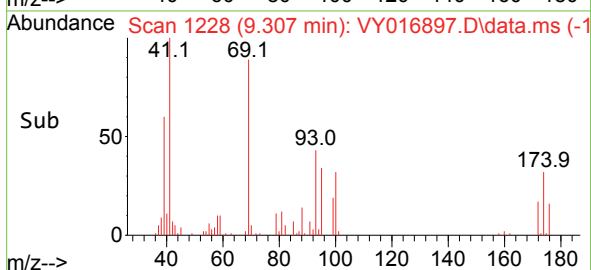
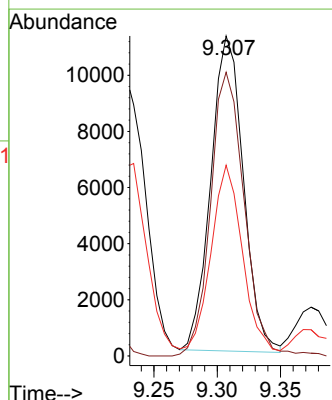
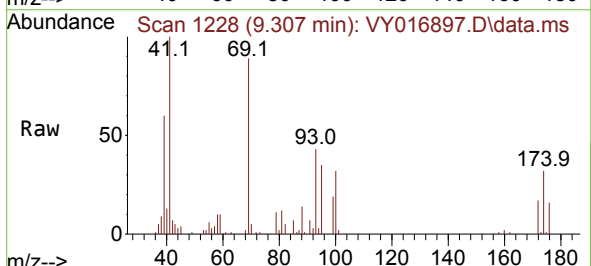
Tgt Ion: 41 Resp: 20113

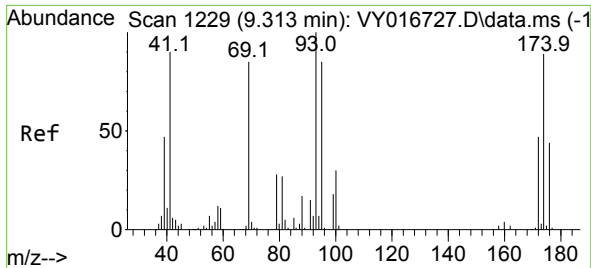
Ion Ratio Lower Upper

41 100

69 93.2 72.1 108.1

39 60.0 42.8 64.2

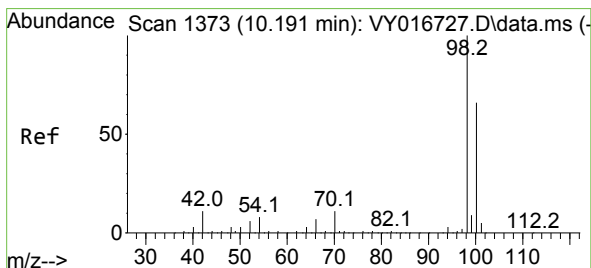
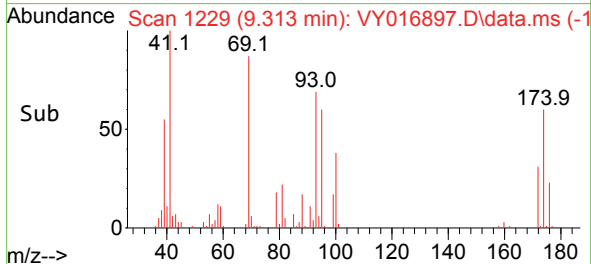
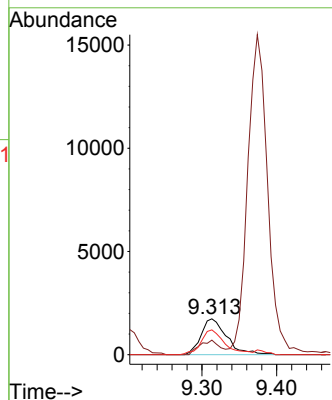
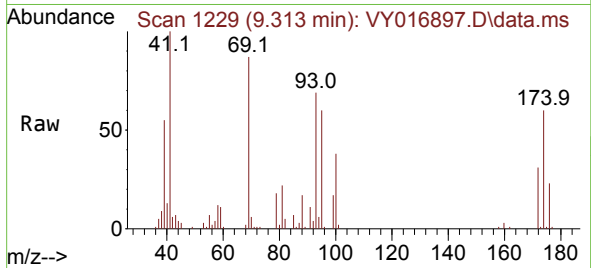




#49
1,4-Dioxane
Concen: 454.985 ug/l
RT: 9.313 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

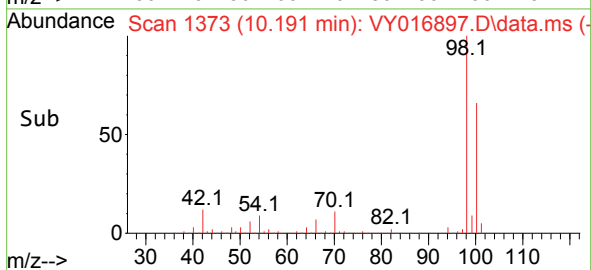
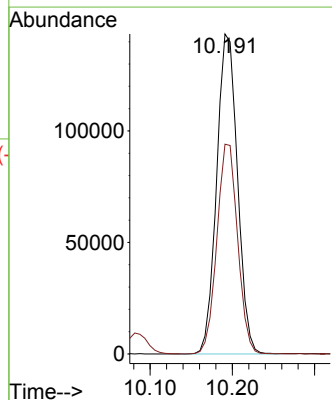
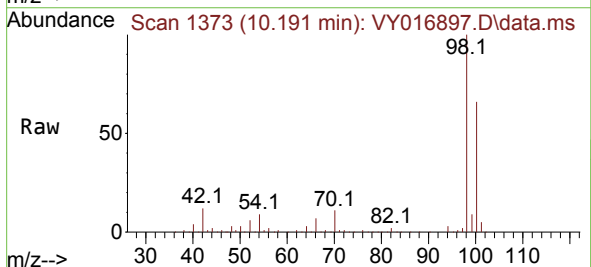
Instrument :
MSVOA_Y
ClientSampleId :

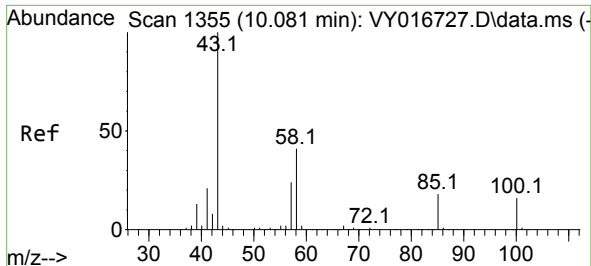
Tgt Ion: 88 Resp: 4158
Ion Ratio Lower Upper
88 100
43 31.4 28.2 42.4
58 64.3 52.2 78.2



#50
Toluene-d8
Concen: 47.845 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion: 98 Resp: 253161
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 101.246 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

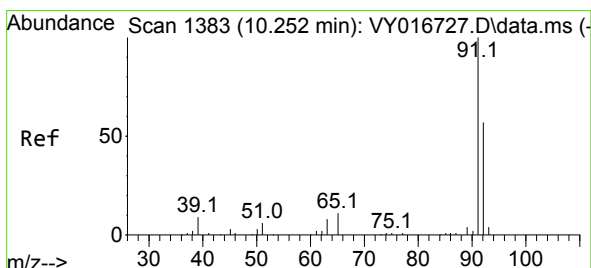
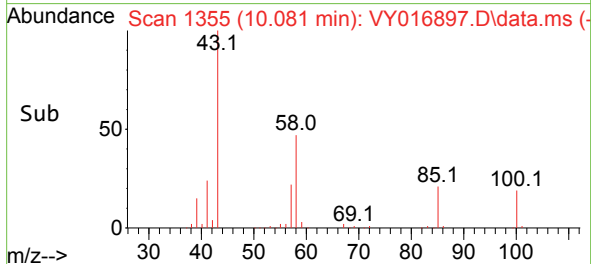
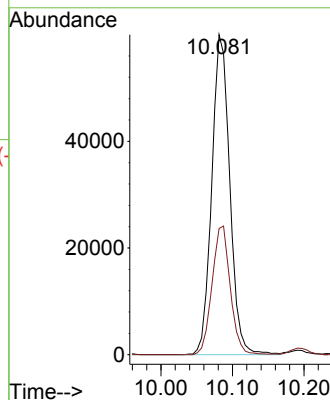
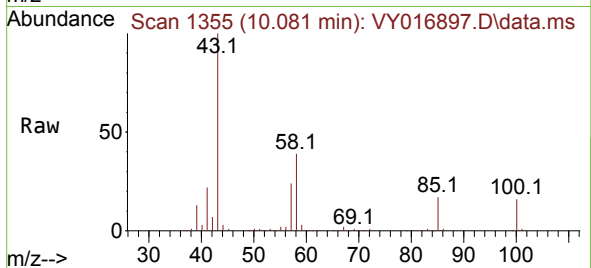
ClientSampleId :

Tgt Ion: 43 Resp: 104931

Ion Ratio Lower Upper

43 100

58 40.7 32.2 48.2



#52

Toluene

Concen: 19.176 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016897.D

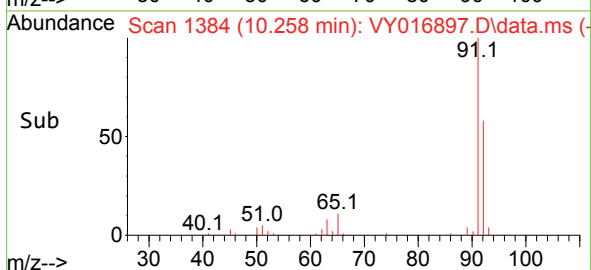
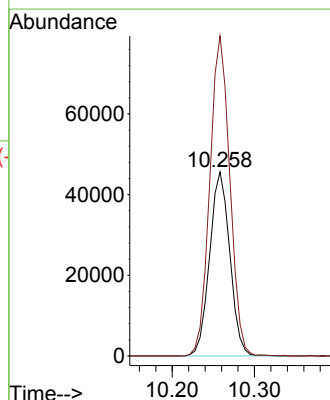
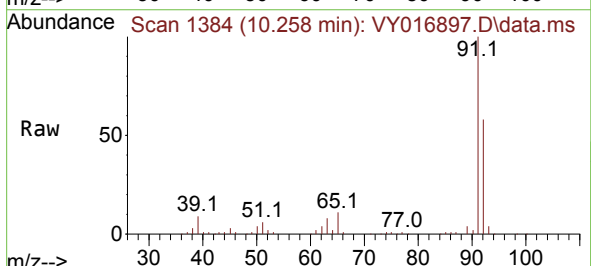
Acq: 02 Jan 2024 16:21

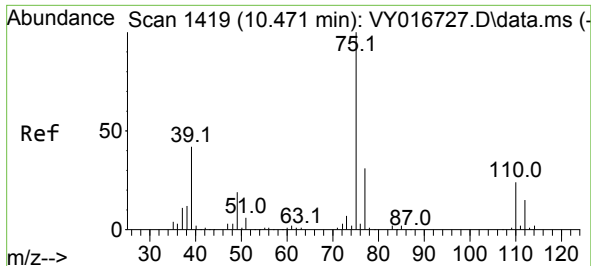
Tgt Ion: 92 Resp: 77739

Ion Ratio Lower Upper

92 100

91 172.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.318 ug/l

RT: 10.478 min Scan# 1419

Delta R.T. 0.007 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

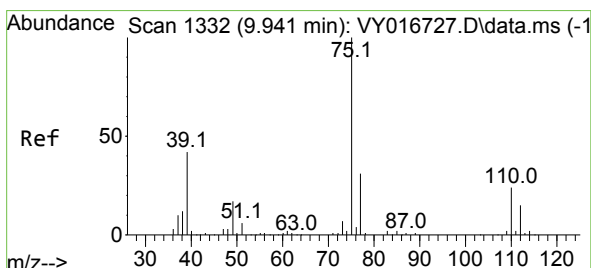
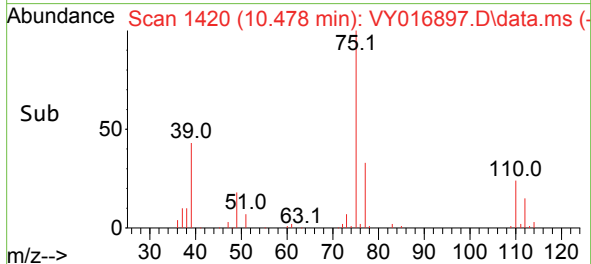
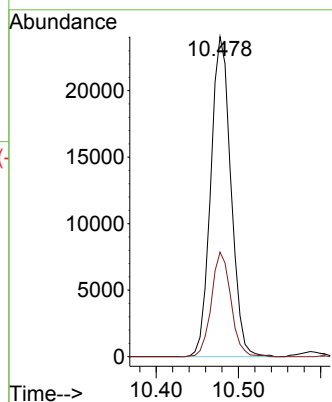
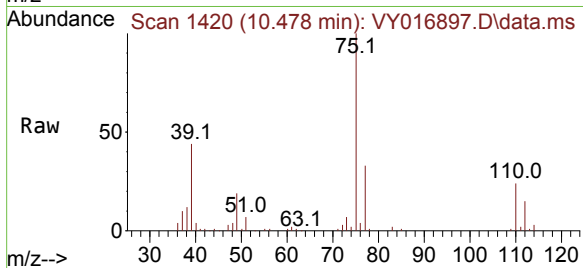
ClientSampleId :

Tgt Ion: 75 Resp: 41011

Ion Ratio Lower Upper

75 100

77 32.6 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 19.444 ug/l

RT: 9.941 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

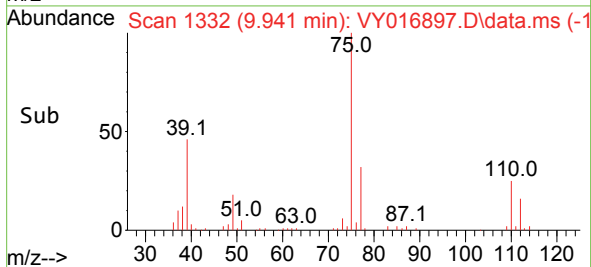
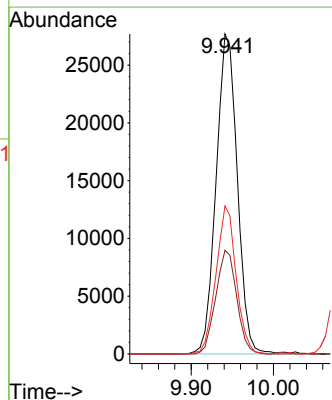
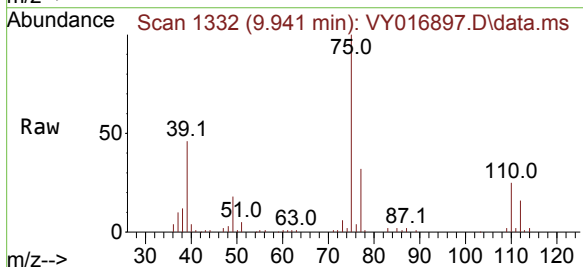
Tgt Ion: 75 Resp: 49573

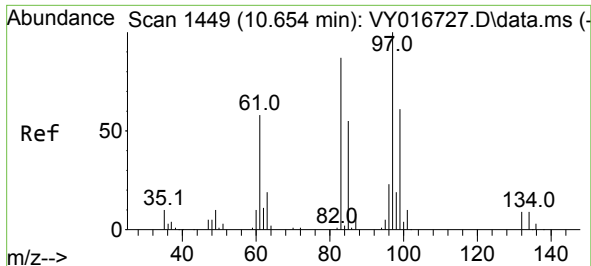
Ion Ratio Lower Upper

75 100

77 32.4 24.6 36.8

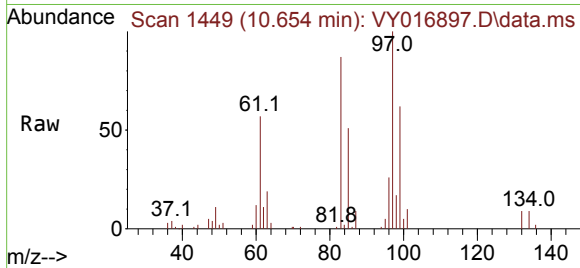
39 46.2 33.6 50.4



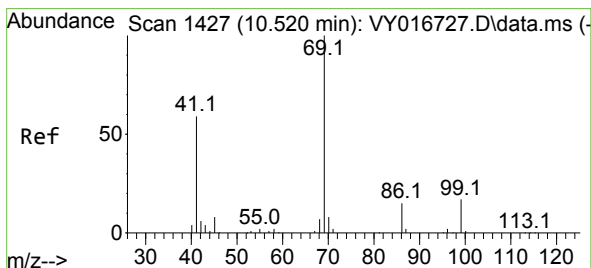
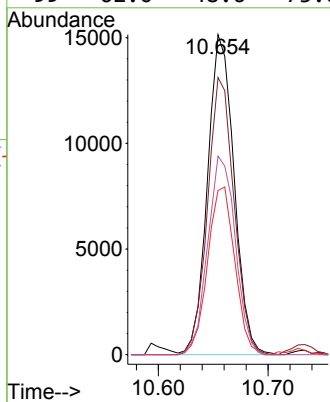
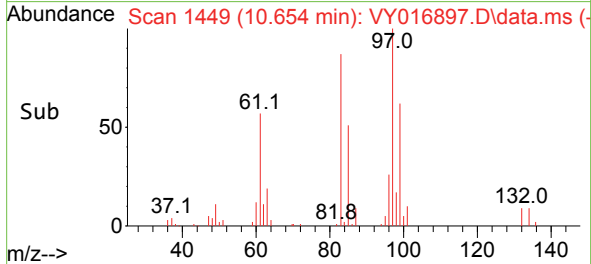


#55
1,1,2-Trichloroethane
Concen: 19.778 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Instrument :
MSVOA_Y
ClientSampleId :

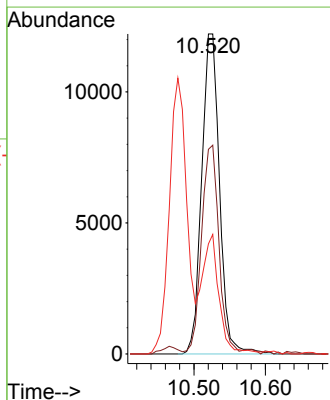
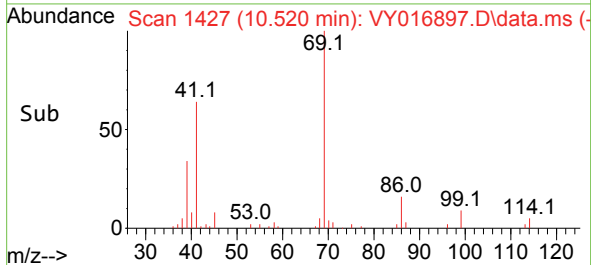
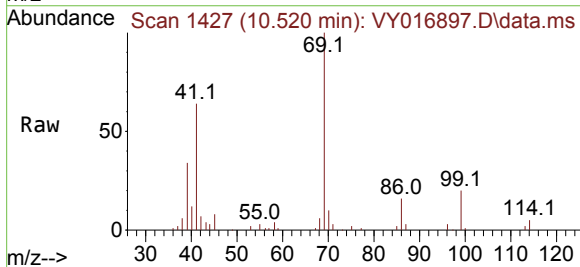


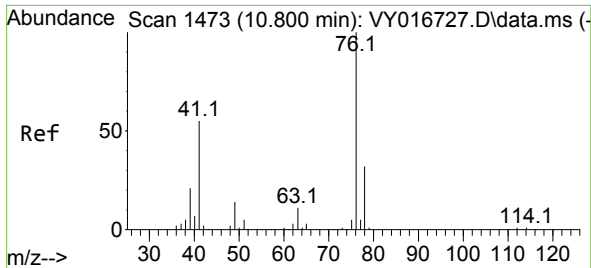
Tgt Ion:	97	Resp:	25502
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.4	104.2
85	51.3	43.9	65.9
99	62.0	48.6	73.0



#56
Ethyl methacrylate
Concen: 19.370 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion:	69	Resp:	21155
Ion	Ratio	Lower	Upper
69	100		
41	62.2	49.2	73.8
39	34.2	26.8	40.2





#57

1,3-Dichloropropane

Concen: 19.513 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.007 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

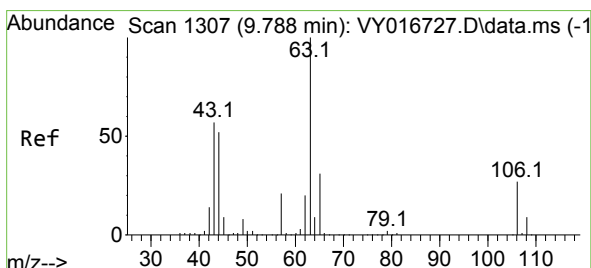
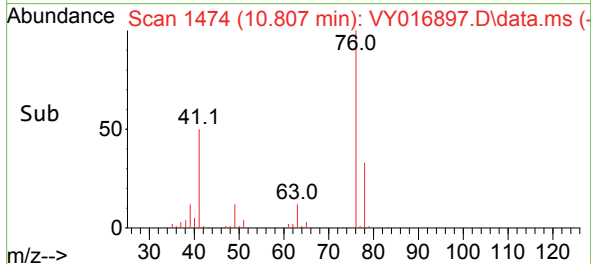
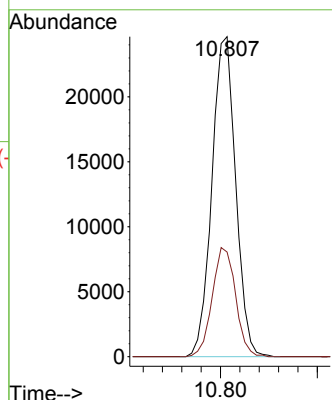
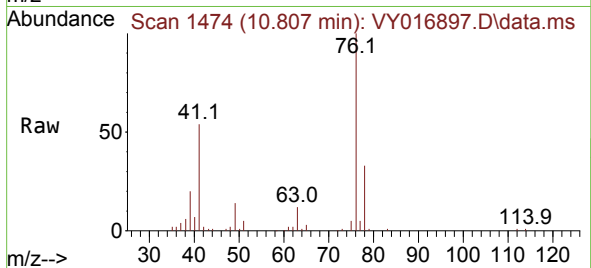
ClientSampleId :

Tgt Ion: 76 Resp: 42007

Ion Ratio Lower Upper

76 100

78 33.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 97.576 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY016897.D

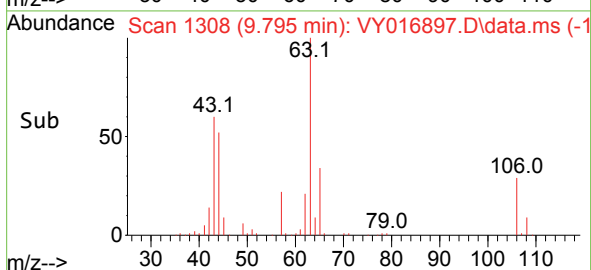
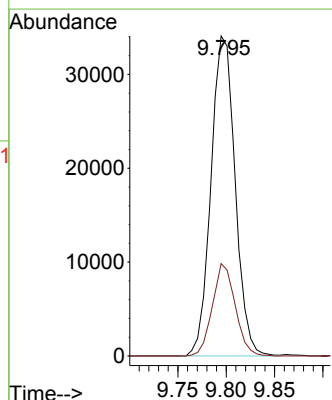
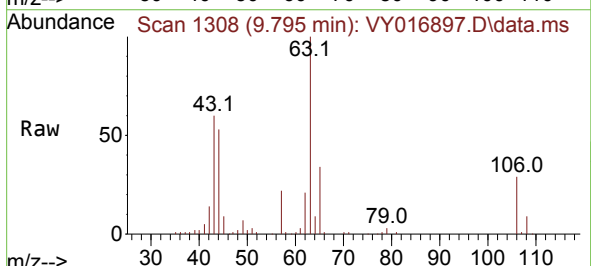
Acq: 02 Jan 2024 16:21

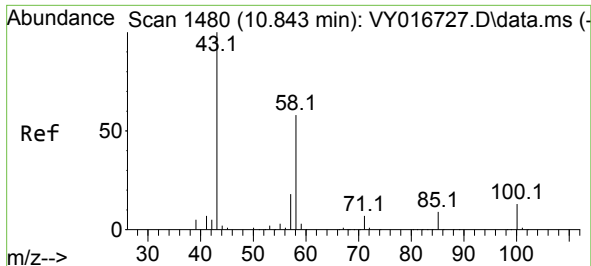
Tgt Ion: 63 Resp: 59205

Ion Ratio Lower Upper

63 100

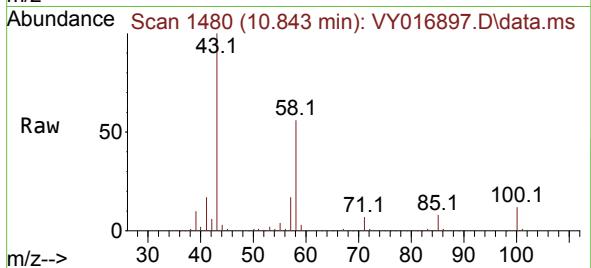
106 27.3 22.4 33.6



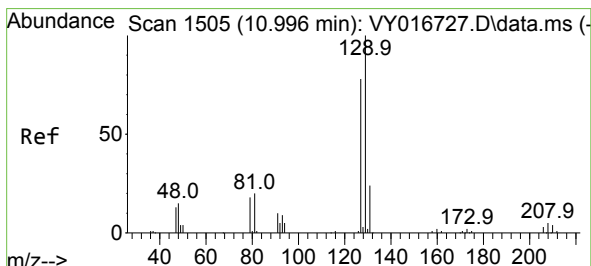
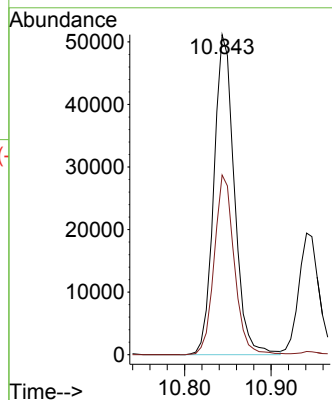
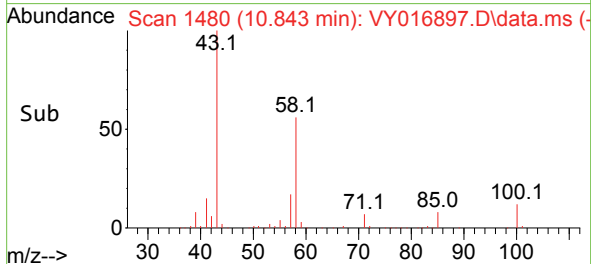


#59
2-Hexanone
Concen: 110.021 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Instrument :
MSVOA_Y
ClientSampleId :

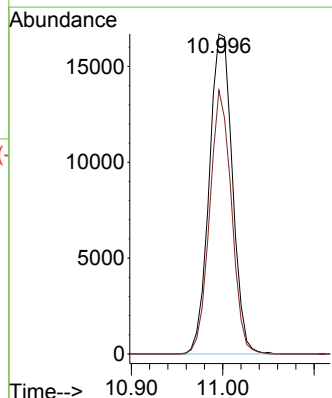
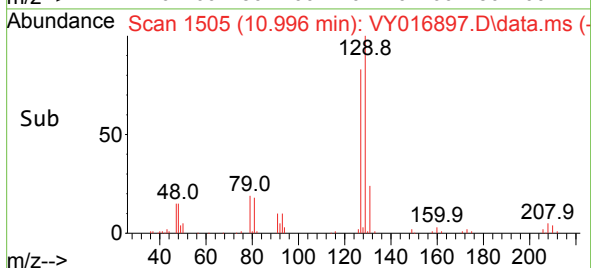
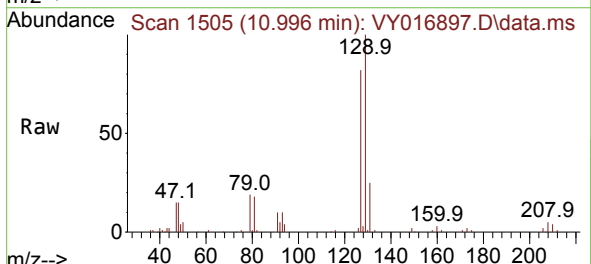


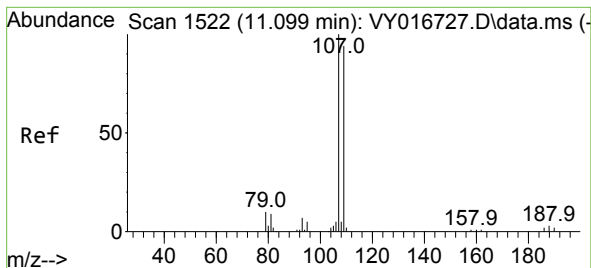
Tgt Ion: 43 Resp: 83960
Ion Ratio Lower Upper
43 100
58 55.0 28.1 84.3



#60
Dibromochloromethane
Concen: 19.767 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion: 129 Resp: 29393
Ion Ratio Lower Upper
129 100
127 77.4 39.2 117.6

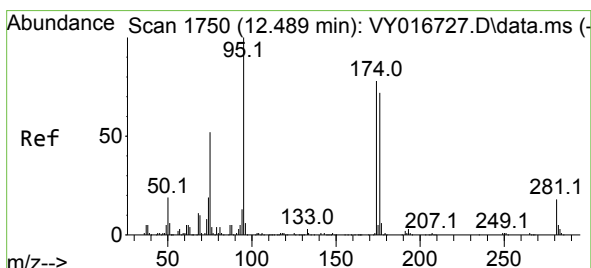
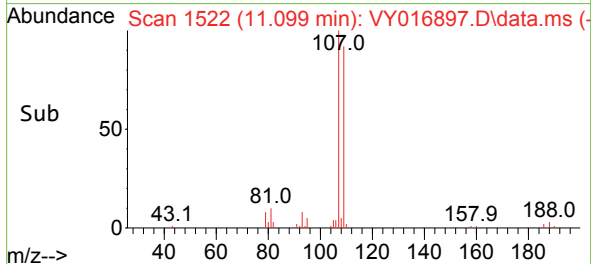
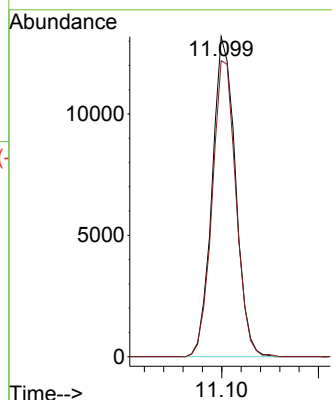
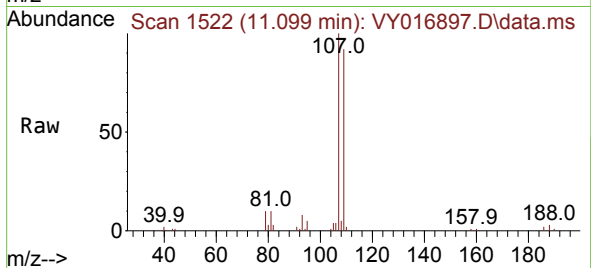




#61
1,2-Dibromoethane
Concen: 19.662 ug/l
RT: 11.099 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

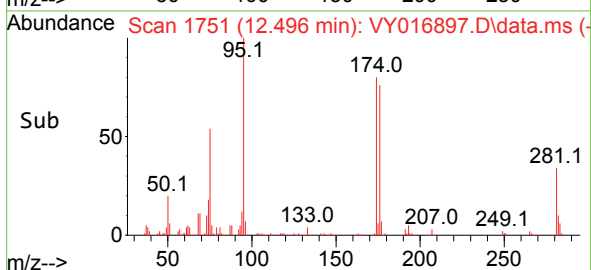
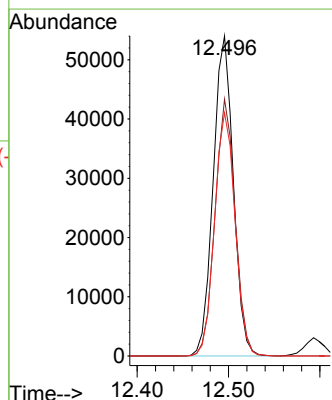
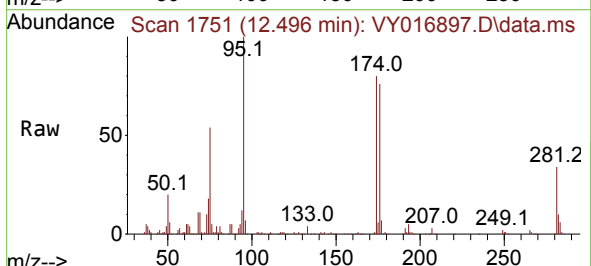
Instrument :
MSVOA_Y
ClientSampleId :

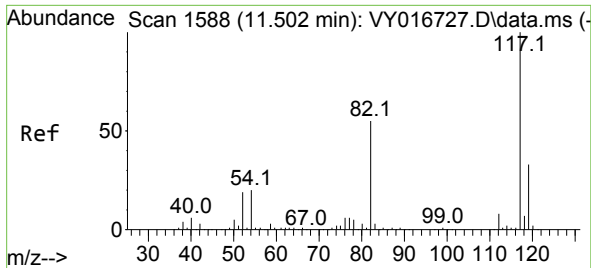
Tgt Ion:107 Resp: 22027
Ion Ratio Lower Upper
107 100
109 94.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 46.278 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

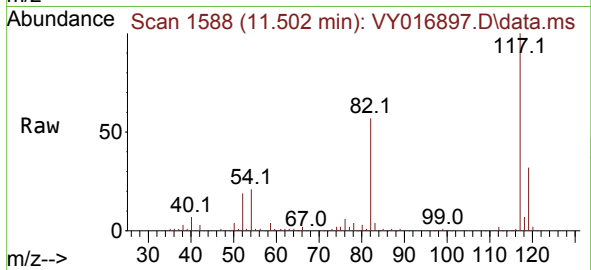
Tgt Ion: 95 Resp: 82616
Ion Ratio Lower Upper
95 100
174 80.0 0.0 160.0
176 77.4 0.0 151.8



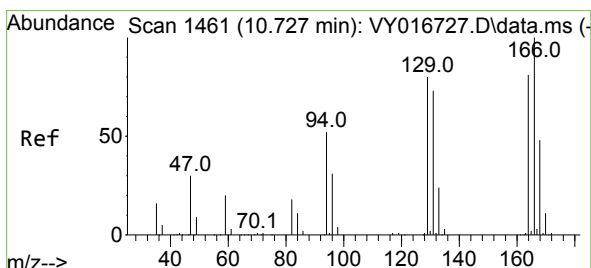
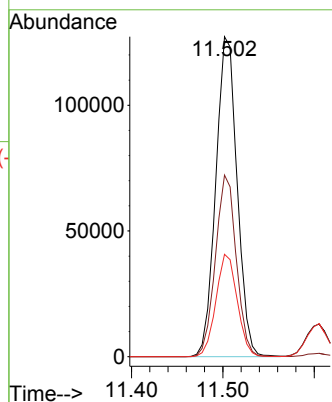
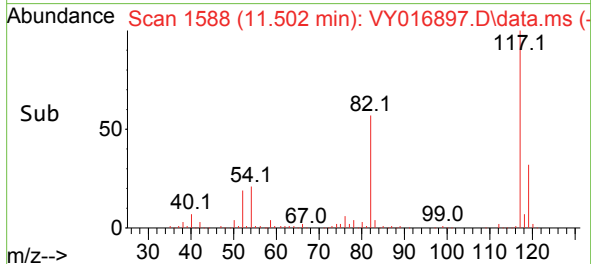


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

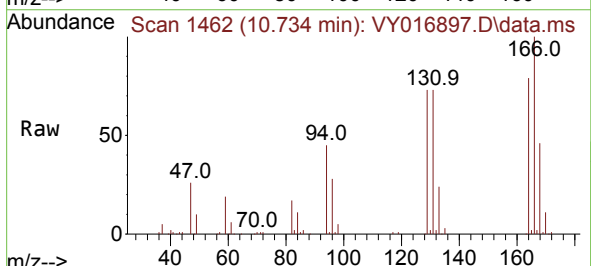
Instrument :
MSVOA_Y
ClientSampleId :



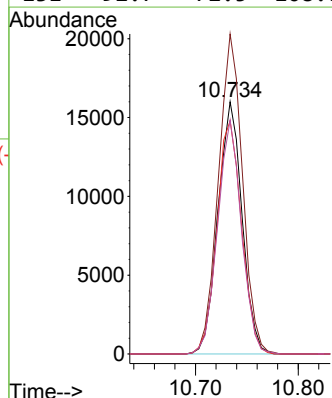
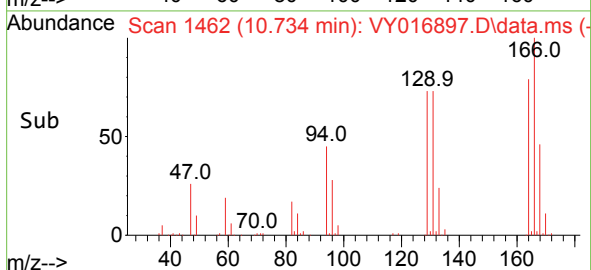
Tgt Ion:117 Resp: 206642
Ion Ratio Lower Upper
117 100
82 56.8 43.8 65.8
119 32.0 26.5 39.7

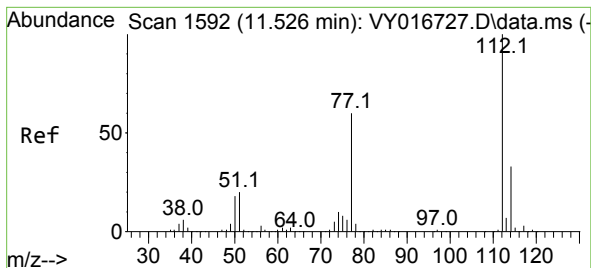


#64
Tetrachloroethene
Concen: 19.457 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.007 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21



Tgt Ion:164 Resp: 26066
Ion Ratio Lower Upper
164 100
166 126.9 98.8 148.2
129 92.5 78.9 118.3
131 92.7 72.5 108.7





#65

Chlorobenzene

Concen: 19.419 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

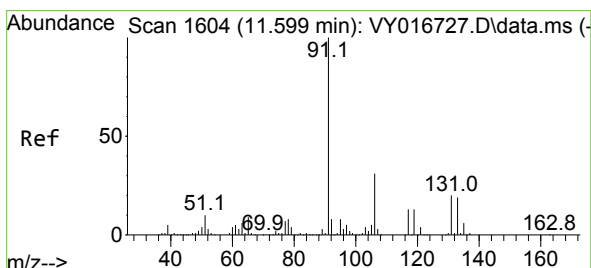
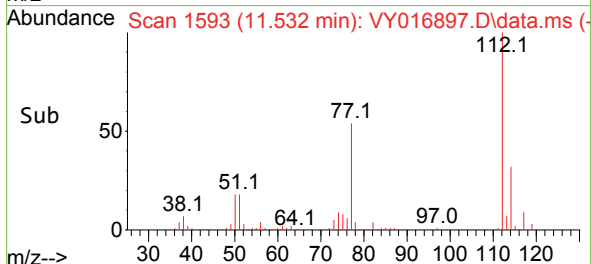
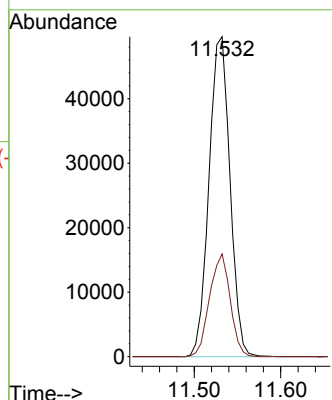
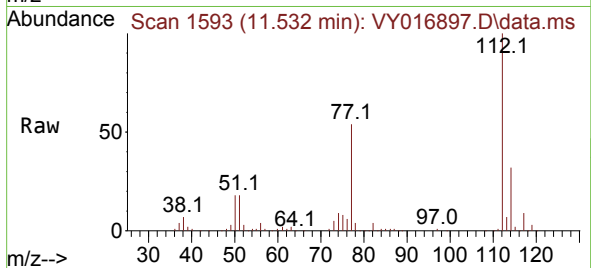
ClientSampleId :

Tgt Ion:112 Resp: 83594

Ion Ratio Lower Upper

112 100

114 32.1 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.418 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

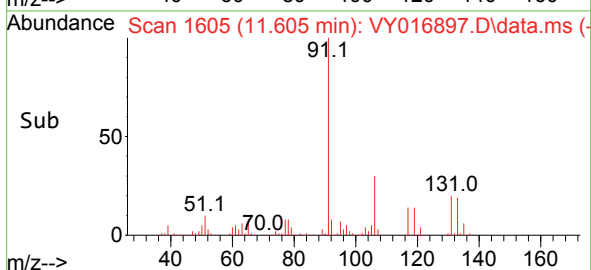
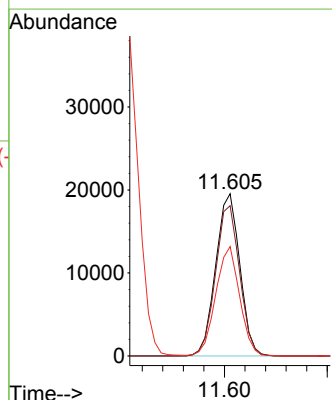
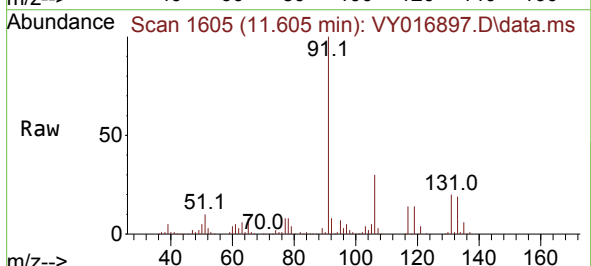
Tgt Ion:131 Resp: 31775

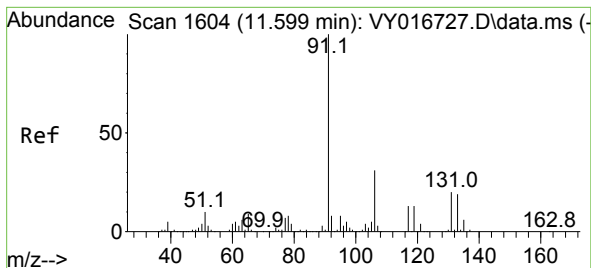
Ion Ratio Lower Upper

131 100

133 92.8 47.0 141.0

119 67.1 33.3 99.9





#67

Ethyl Benzene

Concen: 19.022 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

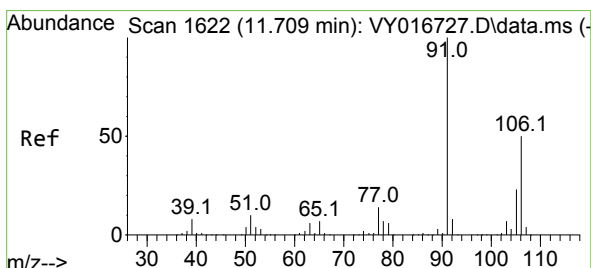
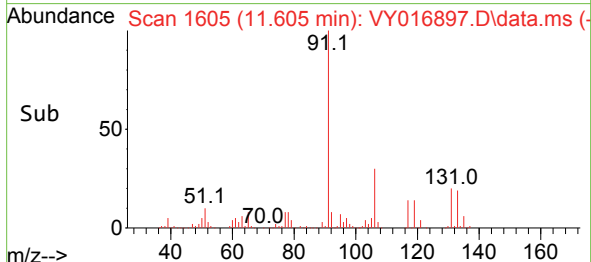
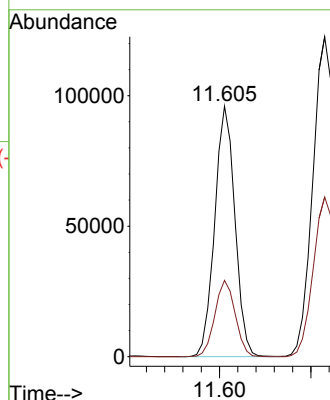
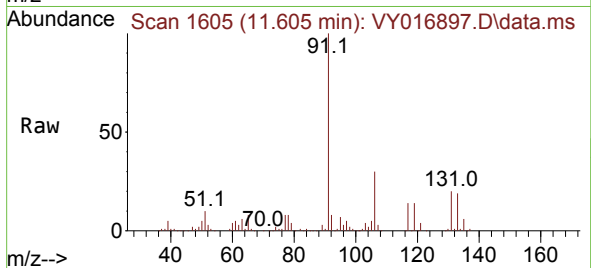
ClientSampleId :

Tgt Ion: 91 Resp: 147418

Ion Ratio Lower Upper

91 100

106 30.4 25.0 37.4



#68

m/p-Xylenes

Concen: 38.362 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016897.D

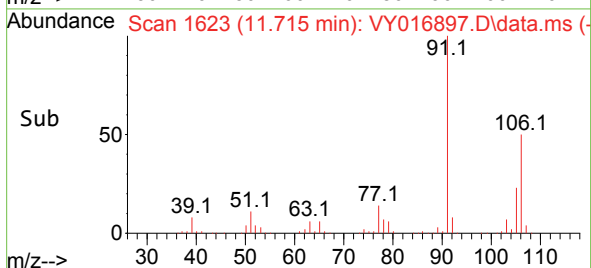
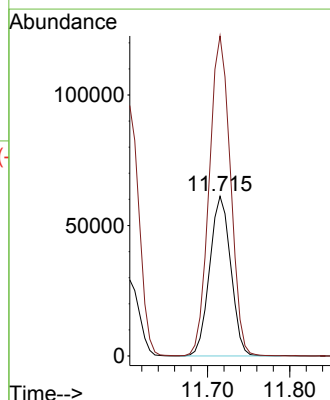
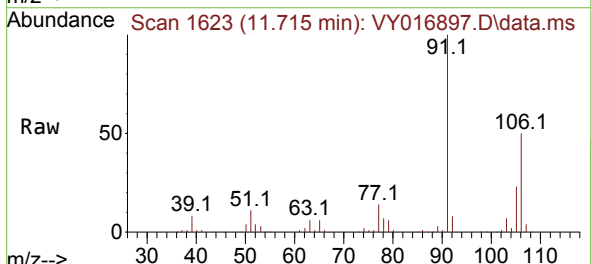
Acq: 02 Jan 2024 16:21

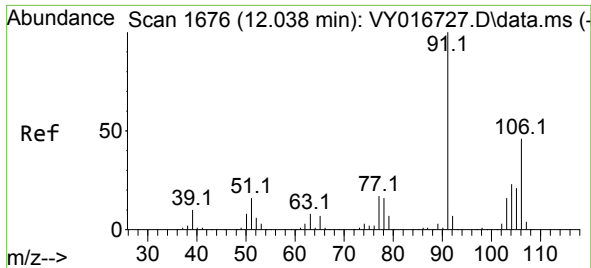
Tgt Ion:106 Resp: 109129

Ion Ratio Lower Upper

106 100

91 201.3 160.7 241.1

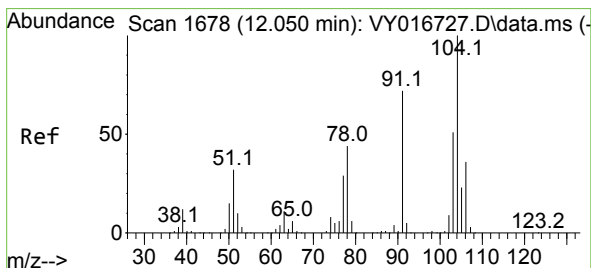
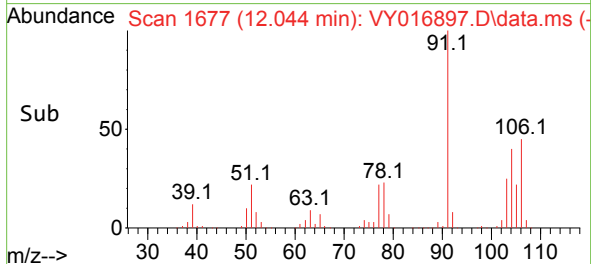
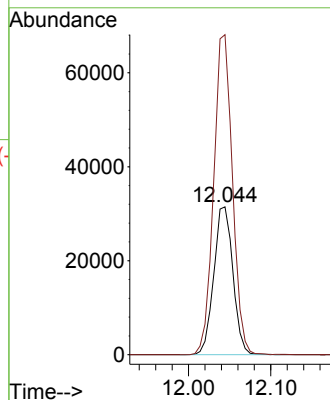
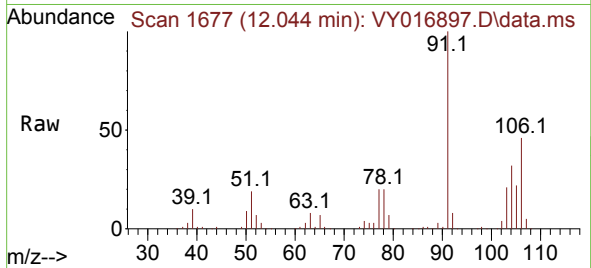




#69
o-Xylene
Concen: 19.052 ug/l
RT: 12.044 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

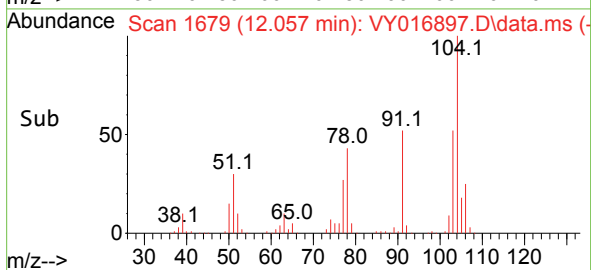
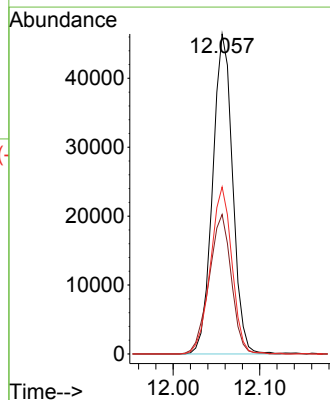
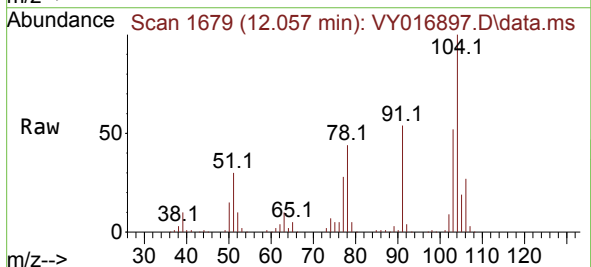
Instrument :
MSVOA_Y
ClientSampleId :

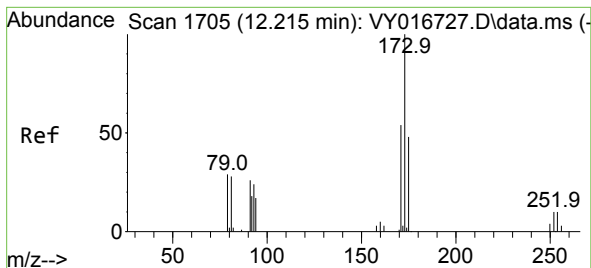
Tgt Ion:106 Resp: 50809
Ion Ratio Lower Upper
106 100
91 212.6 106.5 319.5



#70
Styrene
Concen: 19.199 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.007 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion:104 Resp: 74519
Ion Ratio Lower Upper
104 100
78 48.5 39.2 58.8
103 55.9 43.8 65.6





#71

Bromoform

Concen: 19.573 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

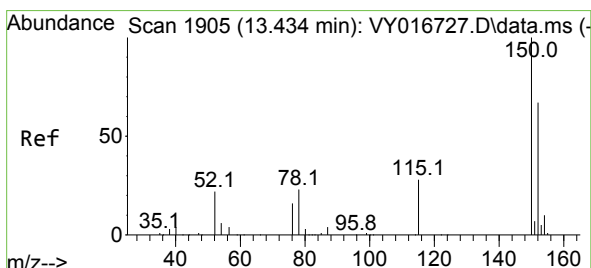
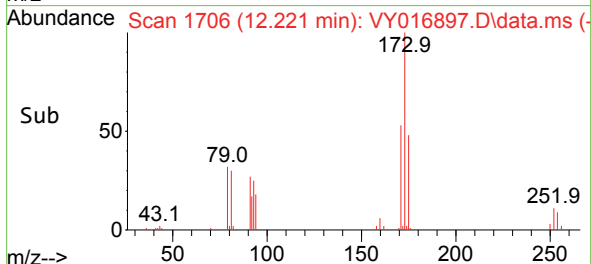
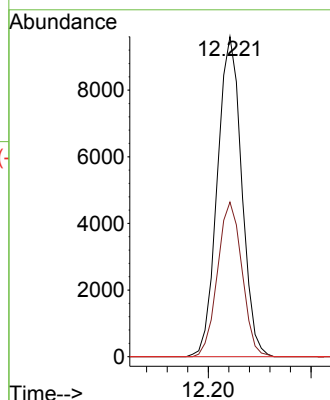
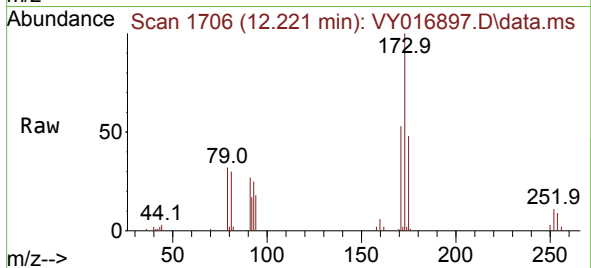
Tgt Ion:173 Resp: 15768

Ion Ratio Lower Upper

173 100

175 48.5 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

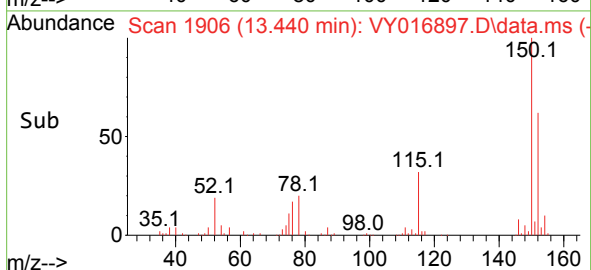
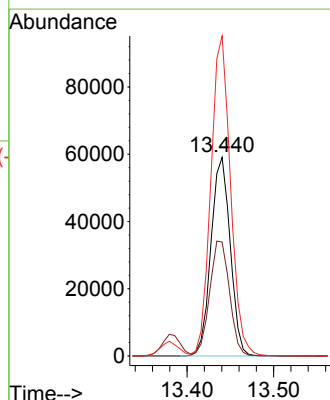
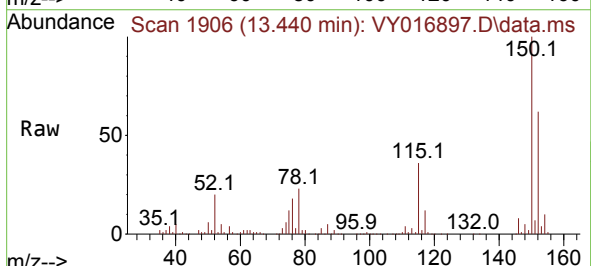
Tgt Ion:152 Resp: 91188

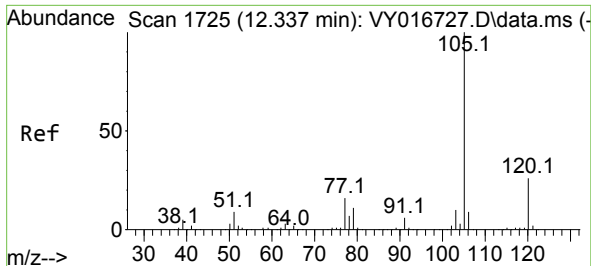
Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 164.4 0.0 344.6

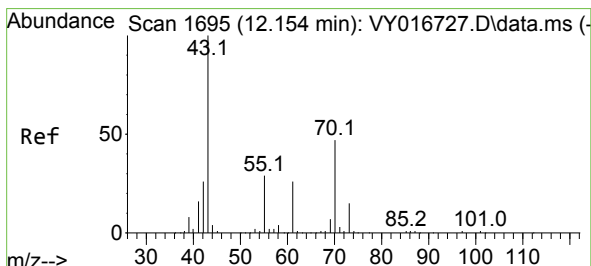
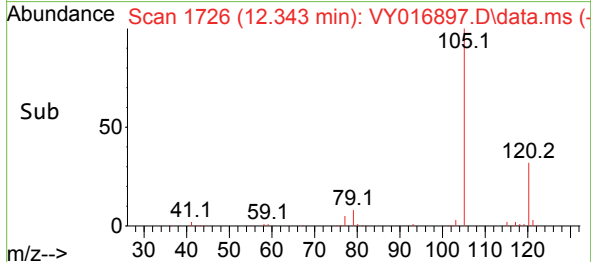
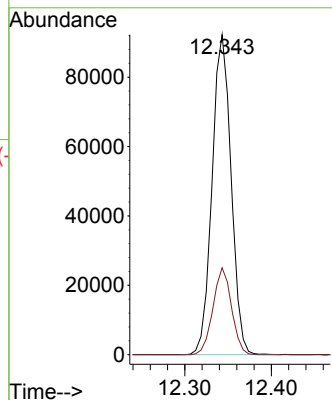
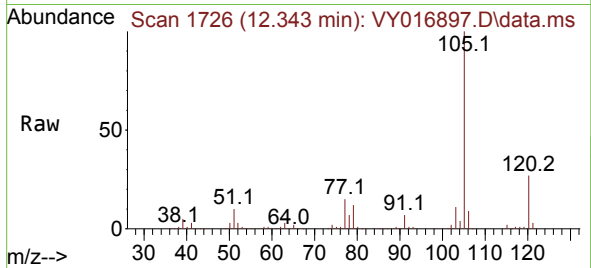




#73
Isopropylbenzene
Concen: 18.879 ug/l
RT: 12.343 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

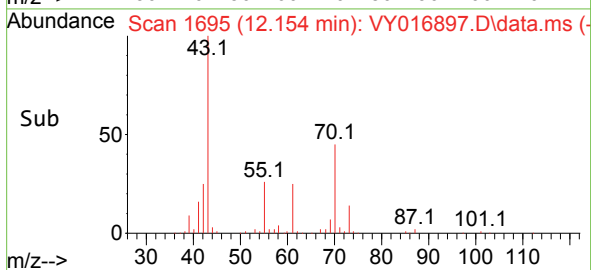
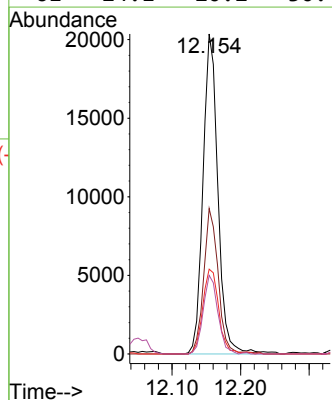
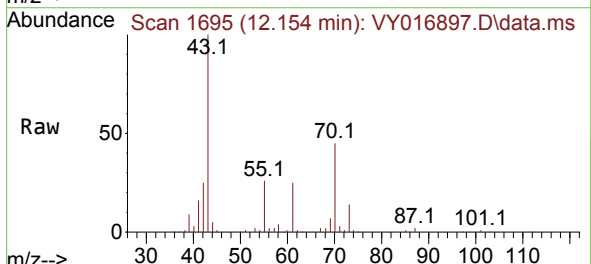
Instrument :
MSVOA_Y
ClientSampleId :

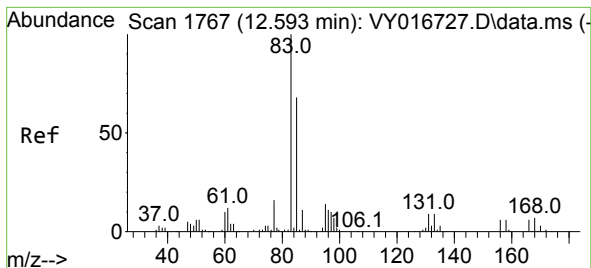
Tgt Ion:105 Resp: 140583
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0



#74
N-ethyl acetate
Concen: 20.670 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion: 43 Resp: 30924
Ion Ratio Lower Upper
43 100
70 44.2 36.6 55.0
55 28.6 22.2 33.4
61 24.1 20.2 30.4

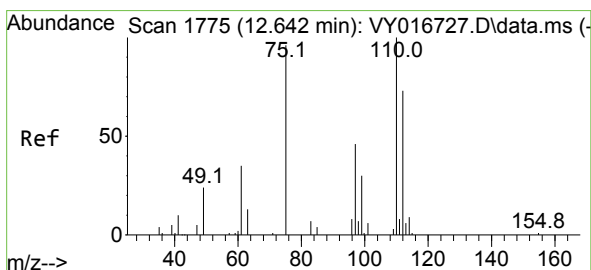
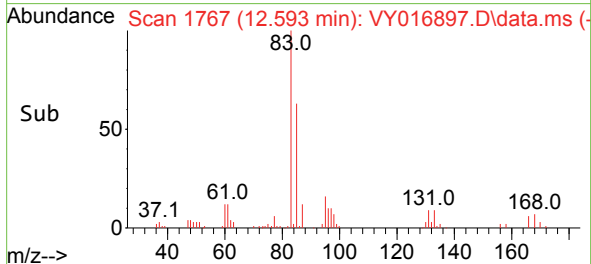
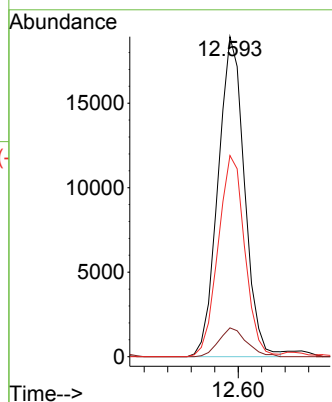
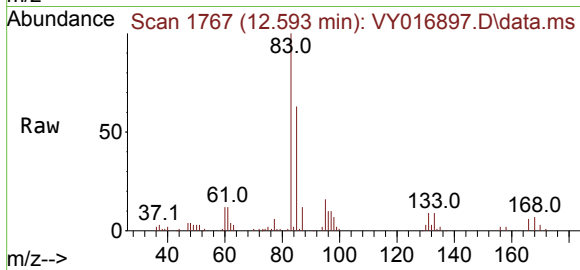




#75
1,1,2,2-Tetrachloroethane
Concen: 19.479 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

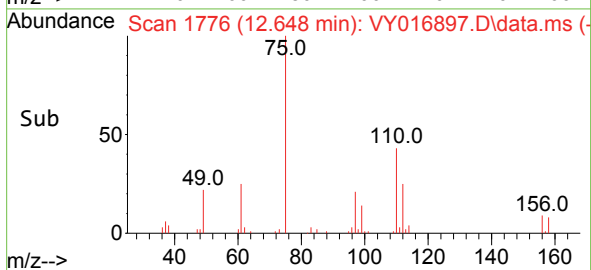
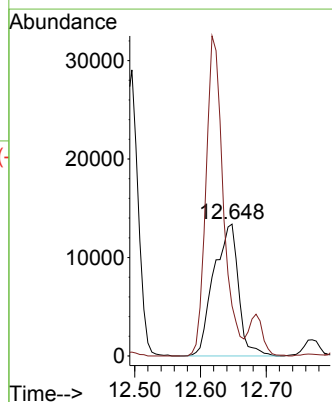
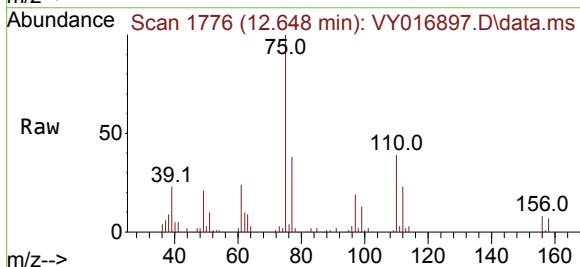
Instrument :
MSVOA_Y
ClientSampleId :

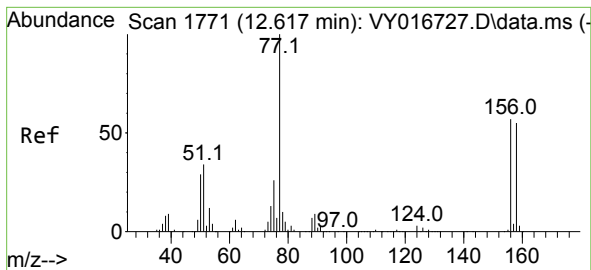
Tgt Ion:	83	Resp:	29554
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.9	14.6
85	63.5	32.6	98.0



#76
1,2,3-Trichloropropane
Concen: 35.452 ug/l
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion:	75	Resp:	35082
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.183 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.007 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

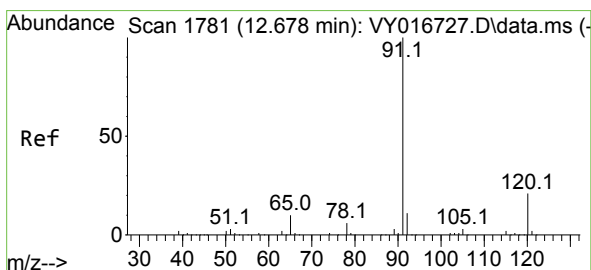
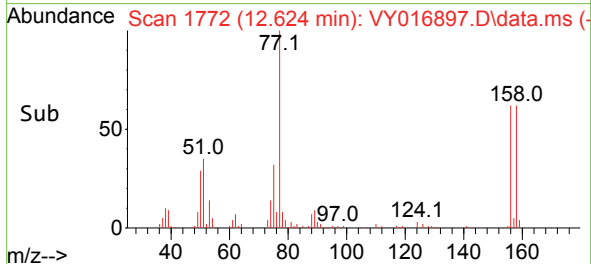
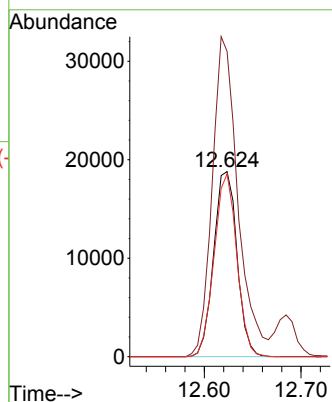
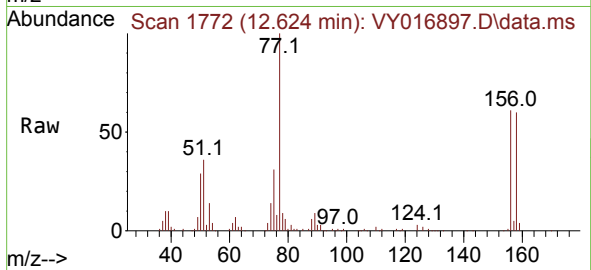
Tgt Ion:156 Resp: 31451

Ion Ratio Lower Upper

156 100

77 190.6 97.3 291.8

158 96.0 48.4 145.0



#78

n-propylbenzene

Concen: 18.858 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016897.D

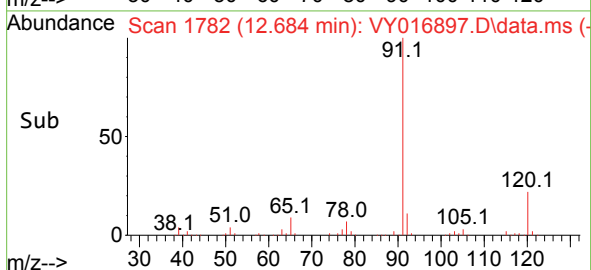
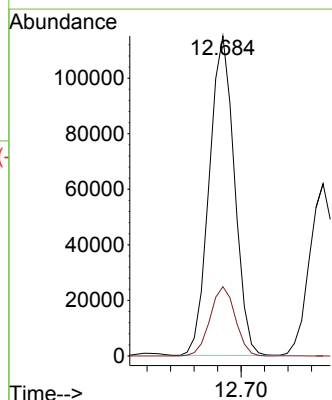
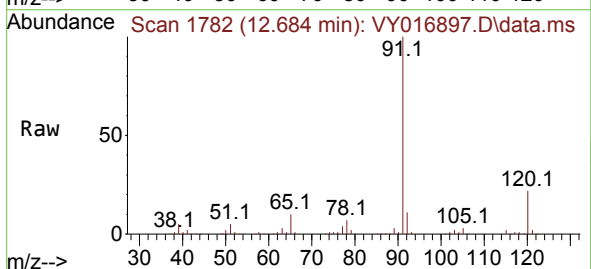
Acq: 02 Jan 2024 16:21

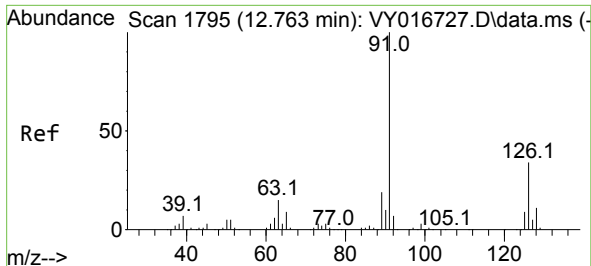
Tgt Ion: 91 Resp: 170719

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0

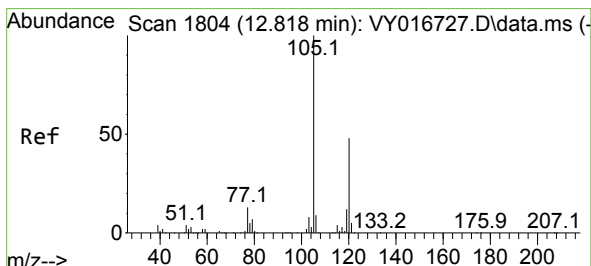
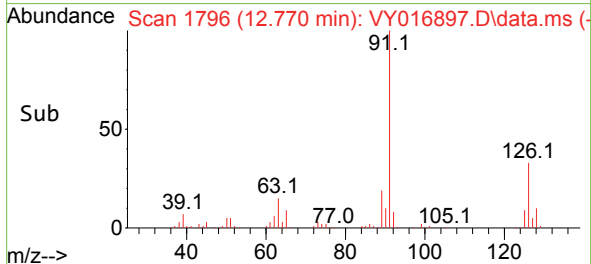
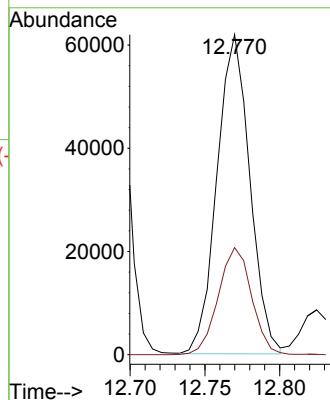
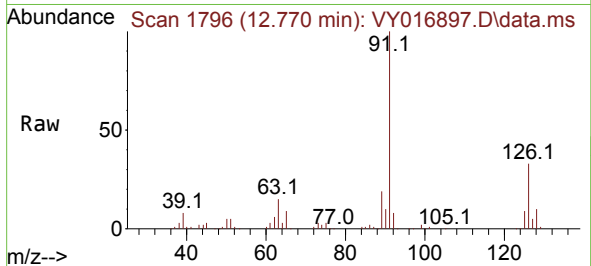




#79
2-Chlorotoluene
Concen: 18.807 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.007 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

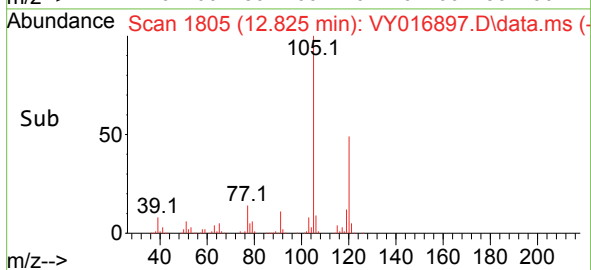
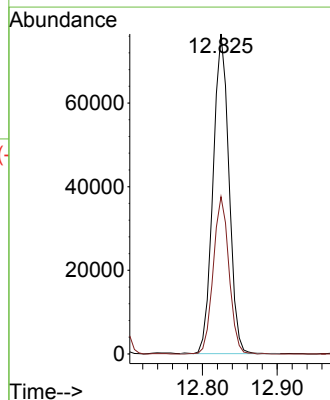
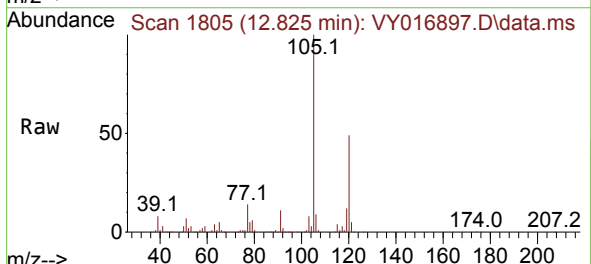
Instrument :
MSVOA_Y
ClientSampleId :

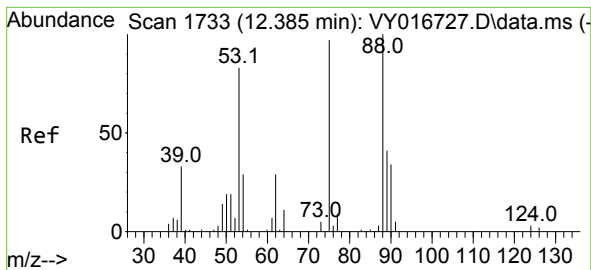
Tgt Ion: 91 Resp: 94412
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 19.166 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.007 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion: 105 Resp: 112873
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

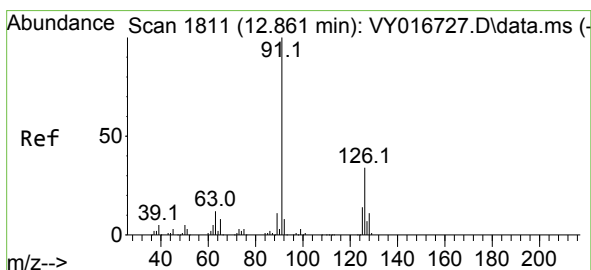
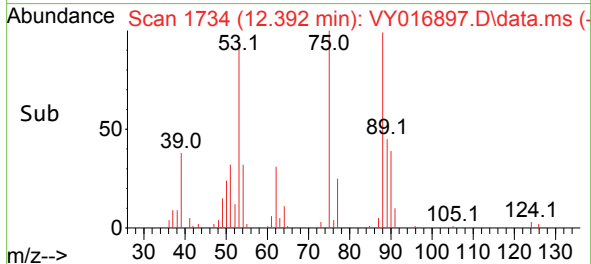
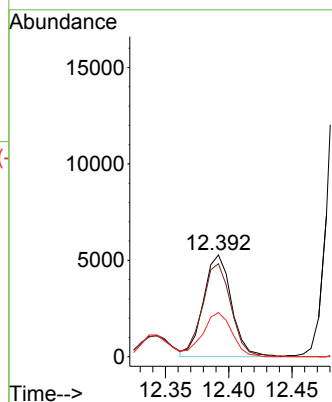
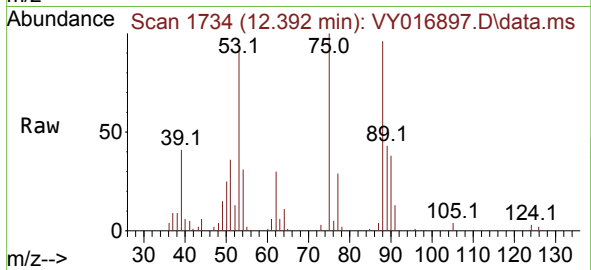




#81
trans-1,4-Dichloro-2-butene
Concen: 18.711 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

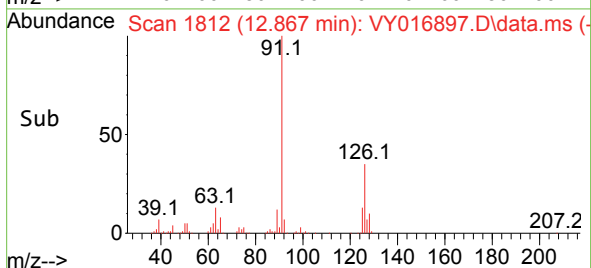
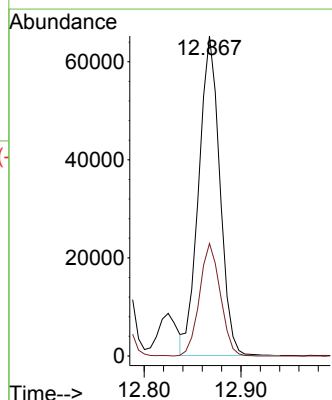
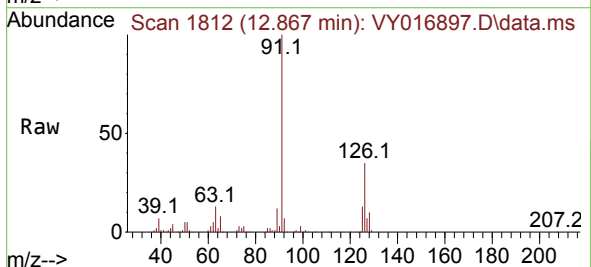
Instrument :
MSVOA_Y
ClientSampleId :

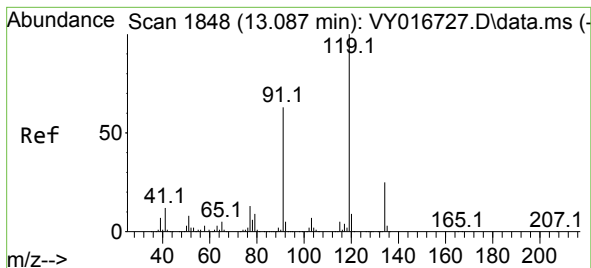
Tgt Ion: 75 Resp: 8154
Ion Ratio Lower Upper
75 100
53 92.9 74.0 111.0
89 45.3 36.5 54.7



#82
4-Chlorotoluene
Concen: 19.205 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016897.D
Acq: 02 Jan 2024 16:21

Tgt Ion: 91 Resp: 98496
Ion Ratio Lower Upper
91 100
126 34.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 18.874 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

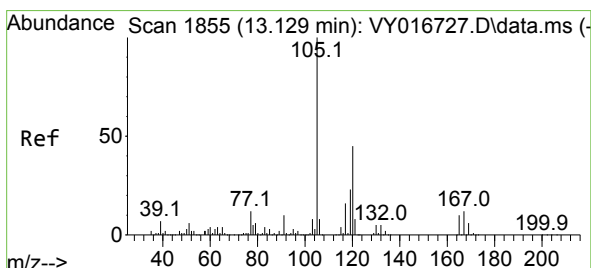
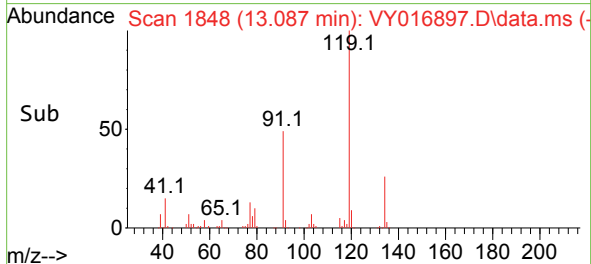
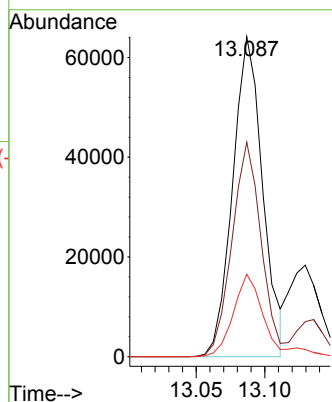
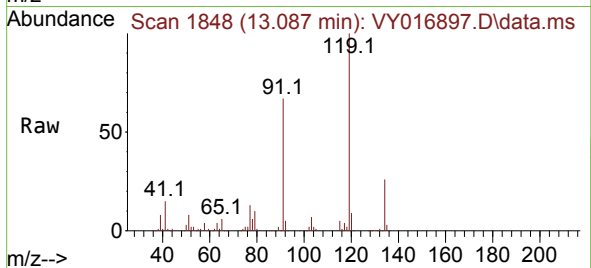
Tgt Ion:119 Resp: 97905

Ion Ratio Lower Upper

119 100

91 65.8 31.5 94.5

134 26.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 19.123 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.007 min

Lab File: VY016897.D

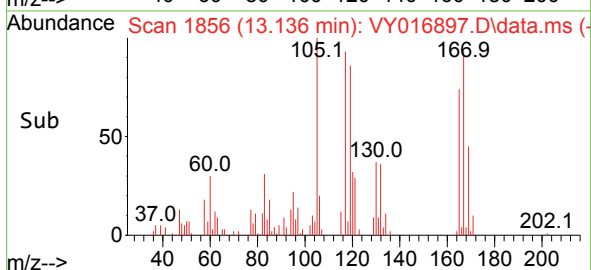
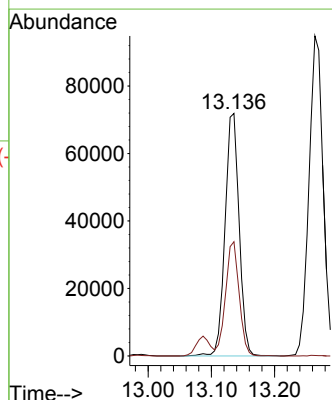
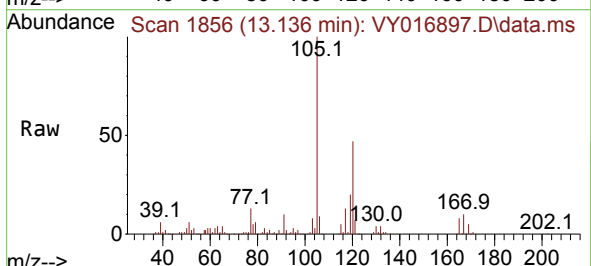
Acq: 02 Jan 2024 16:21

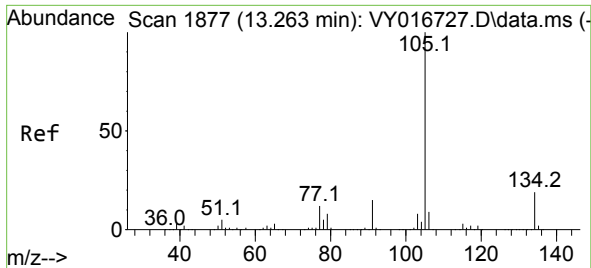
Tgt Ion:105 Resp: 110908

Ion Ratio Lower Upper

105 100

120 45.4 22.1 66.3

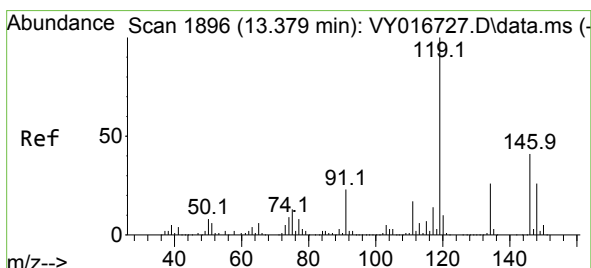
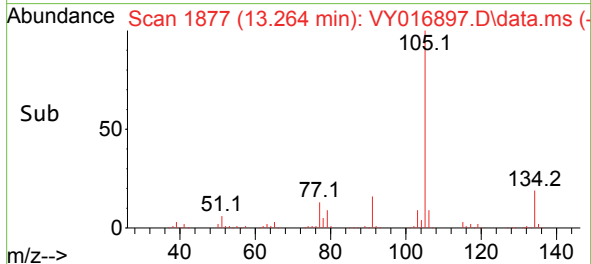
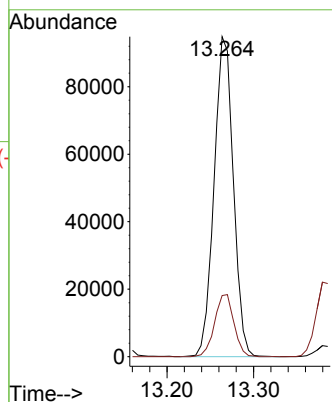
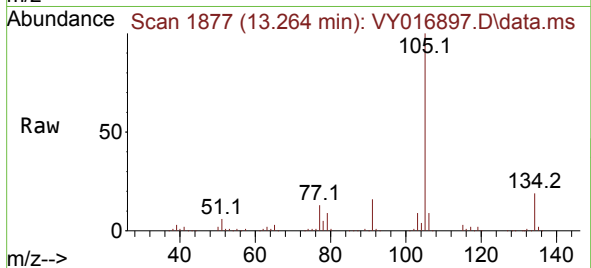




#85
 sec-Butylbenzene
 Concen: 19.058 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. 0.001 min
 Lab File: VY016897.D
 Acq: 02 Jan 2024 16:21

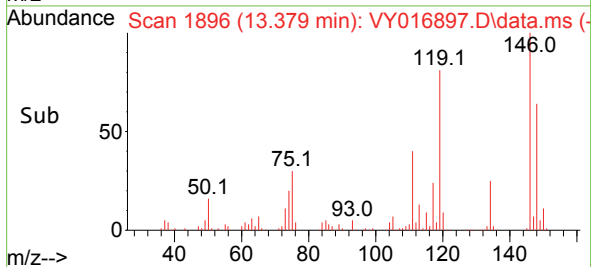
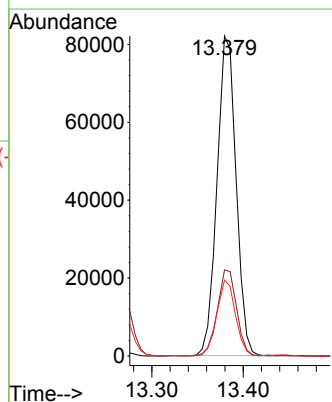
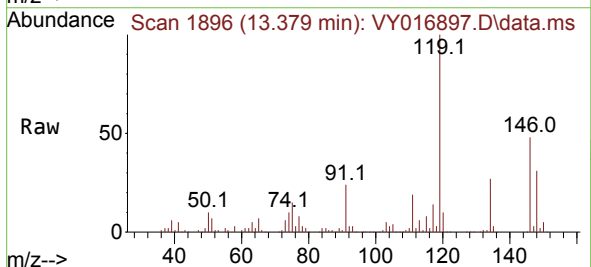
Instrument :
 MSVOA_Y
 ClientSampleId :

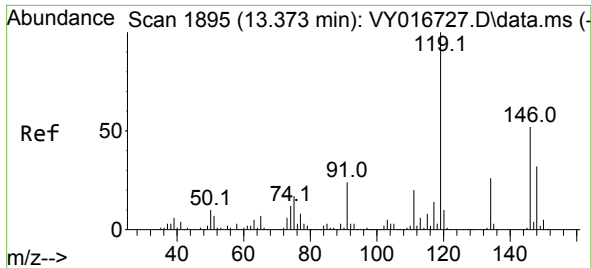
Tgt Ion:105 Resp: 146479
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 18.777 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY016897.D
 Acq: 02 Jan 2024 16:21

Tgt Ion:119 Resp: 119106
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.1 39.1
 91 23.4 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 18.984 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

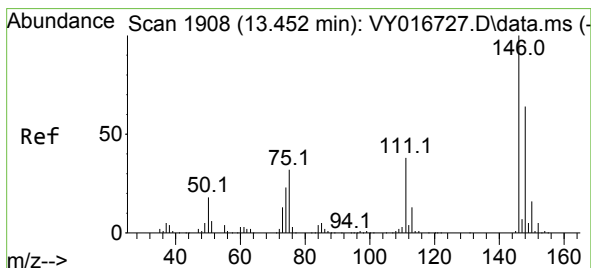
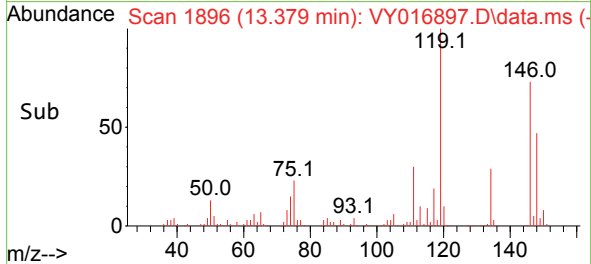
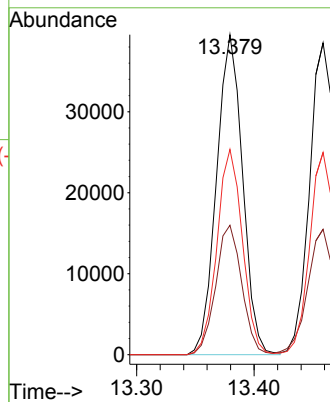
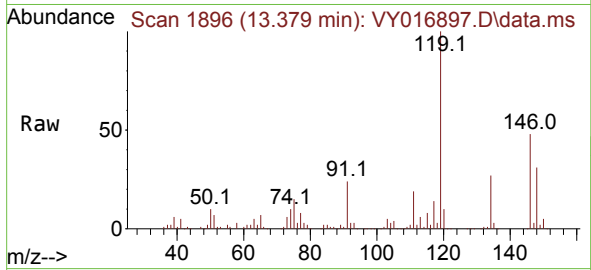
Tgt Ion:146 Resp: 61041

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.5

148 62.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.156 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

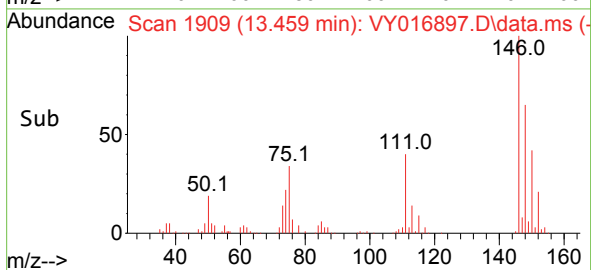
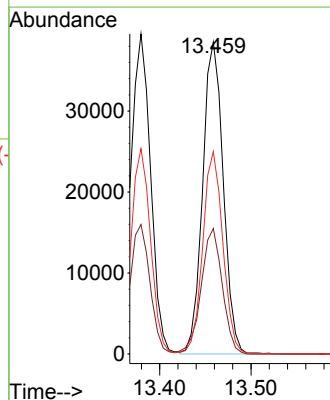
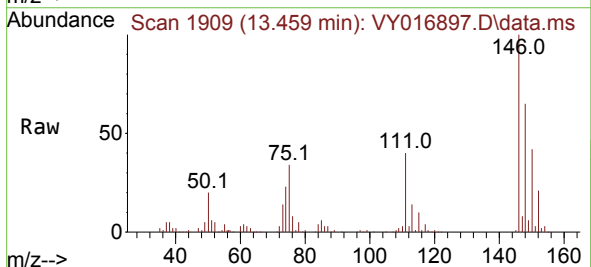
Tgt Ion:146 Resp: 60244

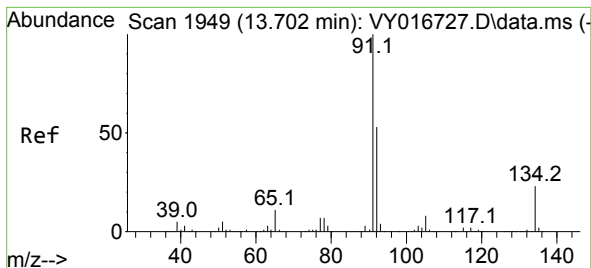
Ion Ratio Lower Upper

146 100

111 41.3 19.3 57.9

148 63.5 31.6 94.7





#89

n-Butylbenzene

Concen: 19.240 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.007 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

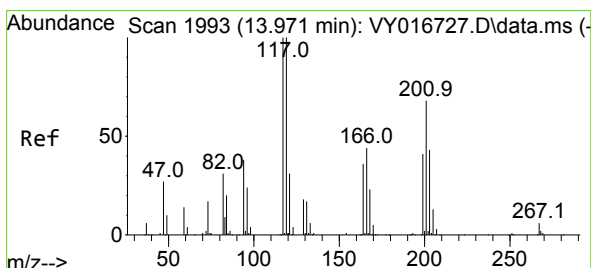
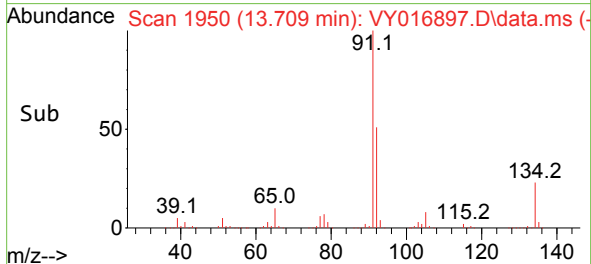
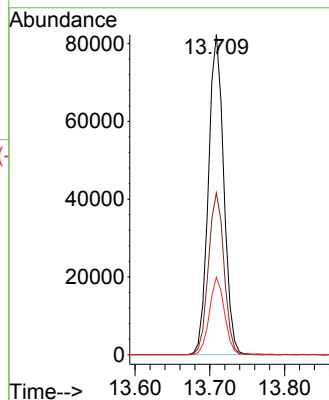
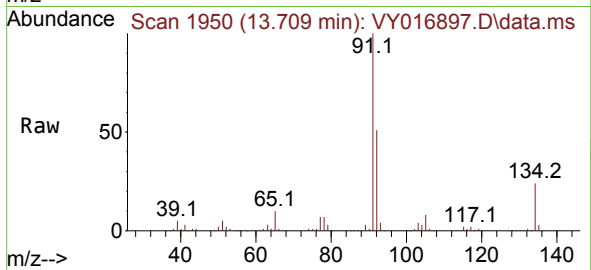
Tgt Ion: 91 Resp: 117341

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.2

134 23.7 12.3 36.8



#90

Hexachloroethane

Concen: 18.588 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016897.D

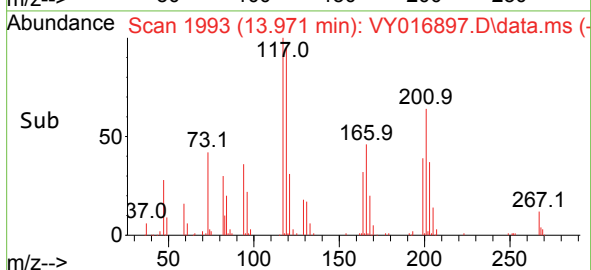
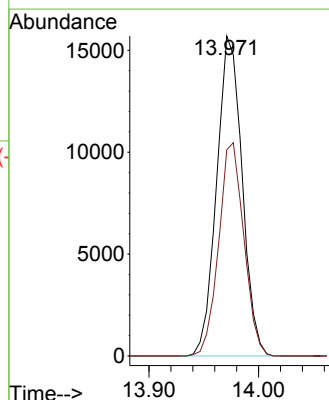
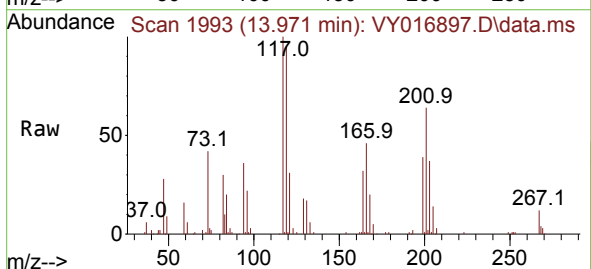
Acq: 02 Jan 2024 16:21

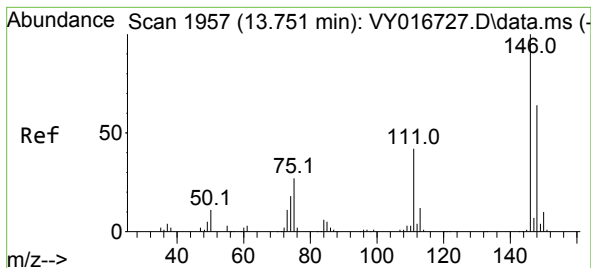
Tgt Ion: 117 Resp: 25336

Ion Ratio Lower Upper

117 100

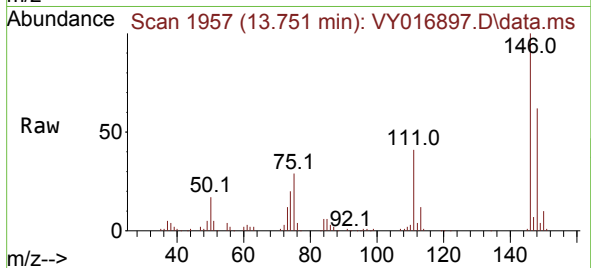
201 65.9 33.4 100.1



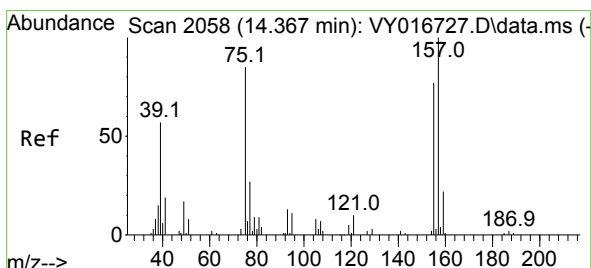
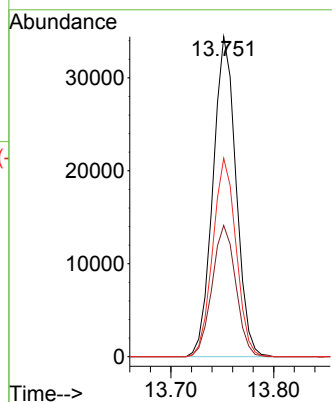
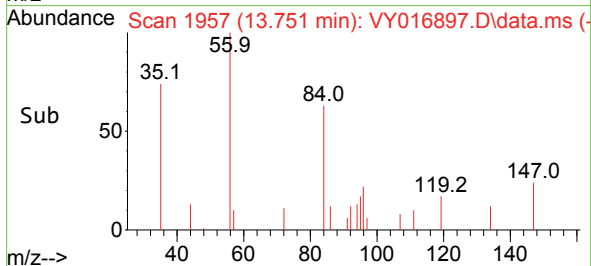


#91
 1,2-Dichlorobenzene
 Concen: 19.286 ug/l
 RT: 13.751 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VY016897.D
 Acq: 02 Jan 2024 16:21

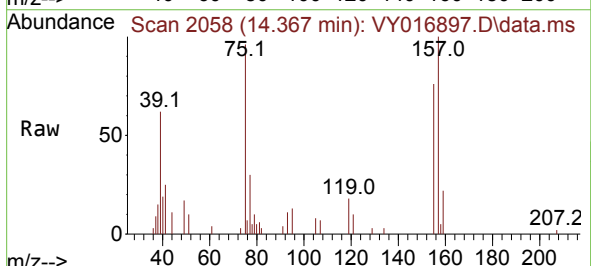
Instrument :
 MSVOA_Y
 ClientSampleId :



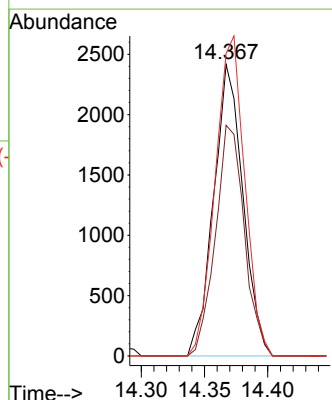
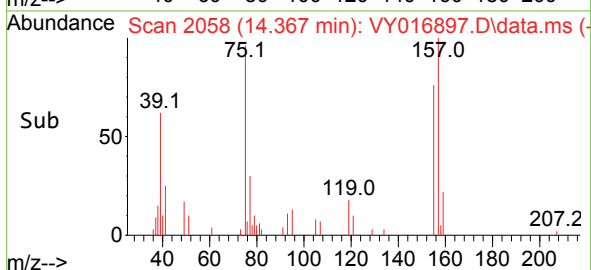
Tgt Ion:146 Resp: 53589
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.5 61.6
 148 62.5 31.4 94.3

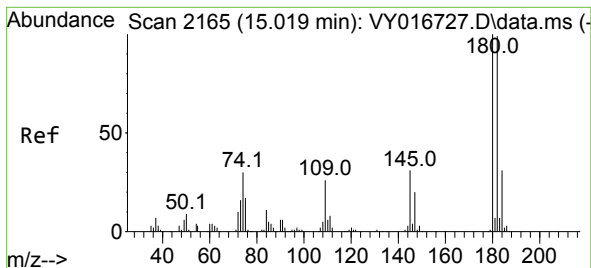


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.446 ug/l
 RT: 14.367 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VY016897.D
 Acq: 02 Jan 2024 16:21



Tgt Ion: 75 Resp: 3890
 Ion Ratio Lower Upper
 75 100
 155 77.9 42.1 126.3
 157 110.7 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.575 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

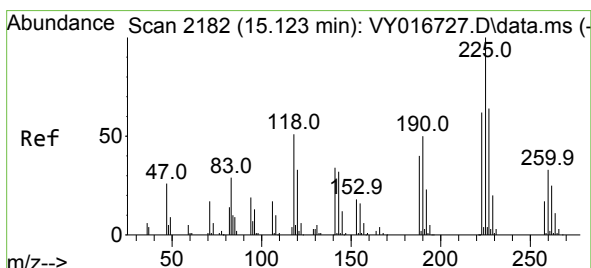
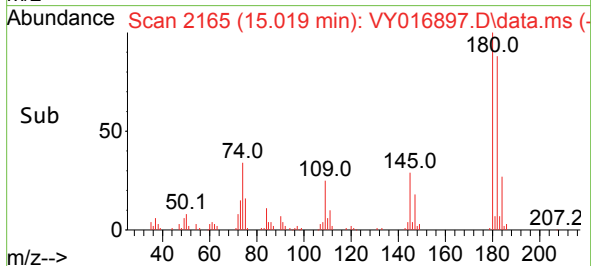
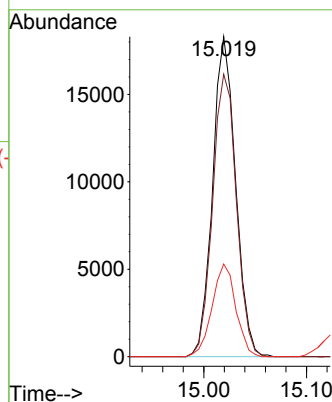
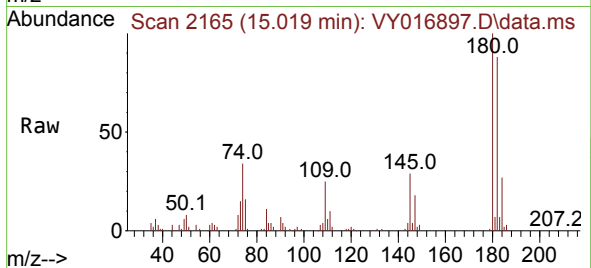
Tgt Ion:180 Resp: 28390

Ion Ratio Lower Upper

180 100

182 91.4 47.9 143.7

145 29.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.291 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

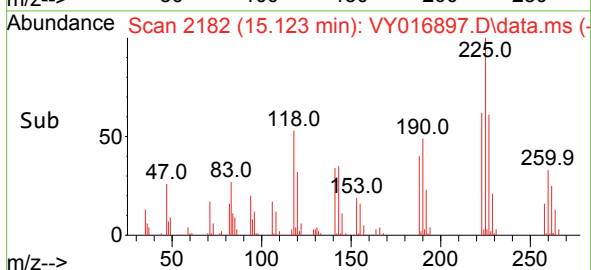
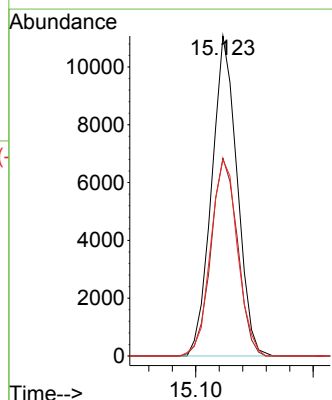
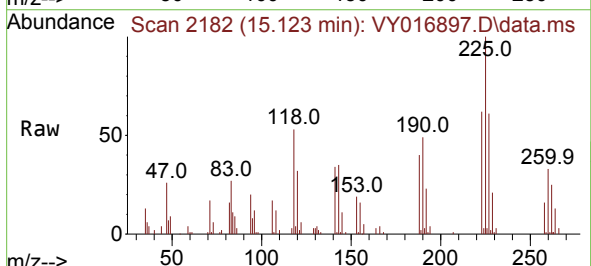
Tgt Ion:225 Resp: 16675

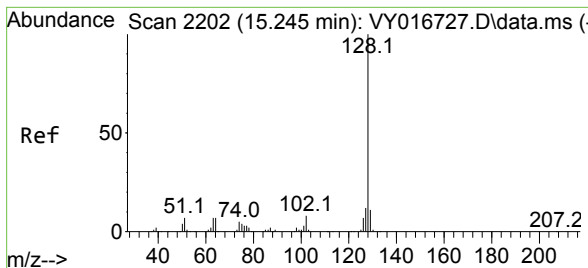
Ion Ratio Lower Upper

225 100

223 64.3 31.4 94.3

227 64.9 32.3 96.8





#95

Naphthalene

Concen: 21.284 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016897.D

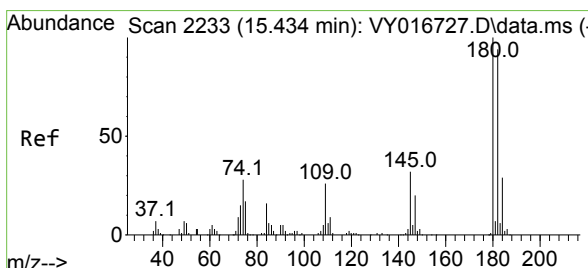
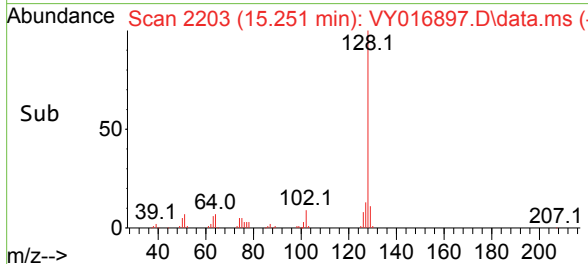
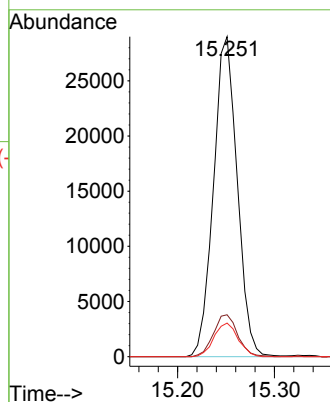
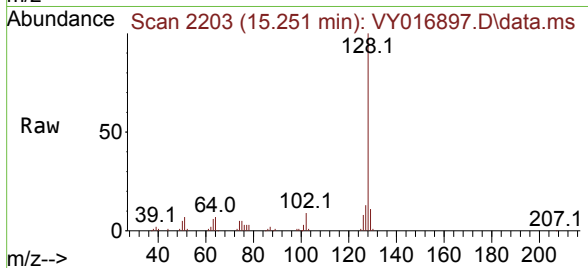
Acq: 02 Jan 2024 16:21

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	49336
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.2 15.4
129	10.7	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.154 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016897.D

Acq: 02 Jan 2024 16:21

Tgt Ion:180	Resp:	23613
Ion Ratio	Lower	Upper
180	100	
182	96.0	46.3 138.8
145	33.0	16.1 48.2

