

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016726.D
 Acq On : 20 Dec 2023 15:47
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 00:51:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 00:33:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	170110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	291532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	247782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	109013	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	34117	21.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	43.940%#
35) Dibromofluoromethane	7.728	113	36275	21.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.440%#
50) Toluene-d8	10.185	98	129052	21.437	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	42.880%#
62) 4-Bromofluorobenzene	12.489	95	42284	21.650	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32675	22.476	ug/l	95
3) Chloromethane	2.119	50	47734	21.361	ug/l	96
4) Vinyl Chloride	2.259	62	52916	20.965	ug/l	100
5) Bromomethane	2.656	94	37770	21.010	ug/l	95
6) Chloroethane	2.802	64	36499	21.341	ug/l	97
7) Trichlorofluoromethane	3.131	101	64238	21.847	ug/l	100
8) Diethyl Ether	3.540	74	20292	21.574	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	39231	21.751	ug/l	98
10) Methyl Iodide	4.107	142	40999	21.814	ug/l	98
11) Tert butyl alcohol	4.978	59	14915	117.271	ug/l	98
12) 1,1-Dichloroethene	3.887	96	34417	21.431	ug/l	99
13) Acrolein	3.747	56	12156	100.559	ug/l	100
14) Allyl chloride	4.497	41	52973	21.536	ug/l	99
15) Acrylonitrile	5.173	53	45211	113.502	ug/l	99
16) Acetone	3.960	43	53139	126.543	ug/l	98
17) Carbon Disulfide	4.210	76	91408	20.919	ug/l	99
18) Methyl Acetate	4.491	43	34726	21.161	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	92164	22.304	ug/l	100
20) Methylene Chloride	4.728	84	50419	21.430	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	39533	21.584	ug/l	97
22) Diisopropyl ether	6.131	45	125010	22.464	ug/l	95
23) Vinyl Acetate	6.076	43	301928	114.717	ug/l	100
24) 1,1-Dichloroethane	6.027	63	73283	21.922	ug/l	98
25) 2-Butanone	6.996	43	71822	124.224	ug/l	96
26) 2,2-Dichloropropane	6.990	77	61874	21.210	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	46051	21.847	ug/l	98
28) Bromochloromethane	7.344	49	28148	21.274	ug/l	99
29) Tetrahydrofuran	7.362	42	36116	114.241	ug/l	99
30) Chloroform	7.515	83	75657	22.108	ug/l	100
31) Cyclohexane	7.795	56	62915	21.146	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	64288	21.401	ug/l	99
36) 1,1-Dichloropropene	7.923	75	56165	20.979	ug/l	99
37) Ethyl Acetate	7.088	43	26042	22.225	ug/l	97
38) Carbon Tetrachloride	7.911	117	56146	21.193	ug/l	98
39) Methylcyclohexane	9.191	83	64162	20.757	ug/l	99
40) Benzene	8.167	78	166577	21.381	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	13492	22.145	ug/l	94
42) 1,2-Dichloroethane	8.246	62	44726	22.005	ug/l	99
43) Isopropyl Acetate	8.277	43	50017	22.442	ug/l	99
44) Trichloroethene	8.947	130	42452	21.349	ug/l	97
45) 1,2-Dichloropropane	9.222	63	42354	21.672	ug/l	98
46) Dibromomethane	9.313	93	22000	21.791	ug/l	98
47) Bromodichloromethane	9.502	83	57378	21.563	ug/l	97
48) Methyl methacrylate	9.301	41	27649	22.118	ug/l	99
49) 1,4-Dioxane	9.313	88	4277	436.472	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	133905	112.763	ug/l	100
52) Toluene	10.252	92	99950	21.408	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	52664	21.705	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	62491	21.352	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	31348	21.763	ug/l	98
56) Ethyl methacrylate	10.514	69	27000	21.316	ug/l	98
57) 1,3-Dichloropropane	10.794	76	53611	21.912	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	70544	82.087	ug/l	100
59) 2-Hexanone	10.837	43	106715	120.519	ug/l	99
60) Dibromochloromethane	10.990	129	35985	21.595	ug/l	99
61) 1,2-Dibromoethane	11.093	107	28192	21.824	ug/l	99
64) Tetrachloroethene	10.727	164	32947	21.405	ug/l	95
65) Chlorobenzene	11.526	112	104542	21.474	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	39468	21.548	ug/l	97
67) Ethyl Benzene	11.599	91	188570	21.045	ug/l	99
68) m/p-Xylenes	11.709	106	142424	43.044	ug/l	100
69) o-Xylene	12.038	106	65473	21.569	ug/l	100
70) Styrene	12.050	104	96788	21.548	ug/l	99
71) Bromoform	12.215	173	19426	21.273	ug/l #	97
73) Isopropylbenzene	12.337	105	178902	21.072	ug/l	99
74) N-amyl acetate	12.148	43	38989	21.820	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	36774	21.675	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	42870	35.519	ug/l #	100
77) Bromobenzene	12.617	156	38048	20.542	ug/l	96
78) n-propylbenzene	12.678	91	218540	21.245	ug/l	100
79) 2-Chlorotoluene	12.764	91	119530	21.000	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	143113	21.295	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	10891	21.224	ug/l	96
82) 4-Chlorotoluene	12.861	91	122593	20.994	ug/l	100
83) tert-Butylbenzene	13.081	119	121823	20.839	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	141480	21.349	ug/l	98
85) sec-Butylbenzene	13.263	105	185486	21.422	ug/l	100
86) p-Isopropyltoluene	13.379	119	154794	21.467	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	75516	20.863	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	74498	21.078	ug/l	97
89) n-Butylbenzene	13.702	91	148856	21.595	ug/l	100
90) Hexachloroethane	13.971	117	31224	20.795	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	64587	20.945	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4895	22.257	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	34842	21.294	ug/l	99
94) Hexachlorobutadiene	15.123	225	20578	22.143	ug/l	98
95) Naphthalene	15.245	128	65232	20.783	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	30118	21.613	ug/l	99

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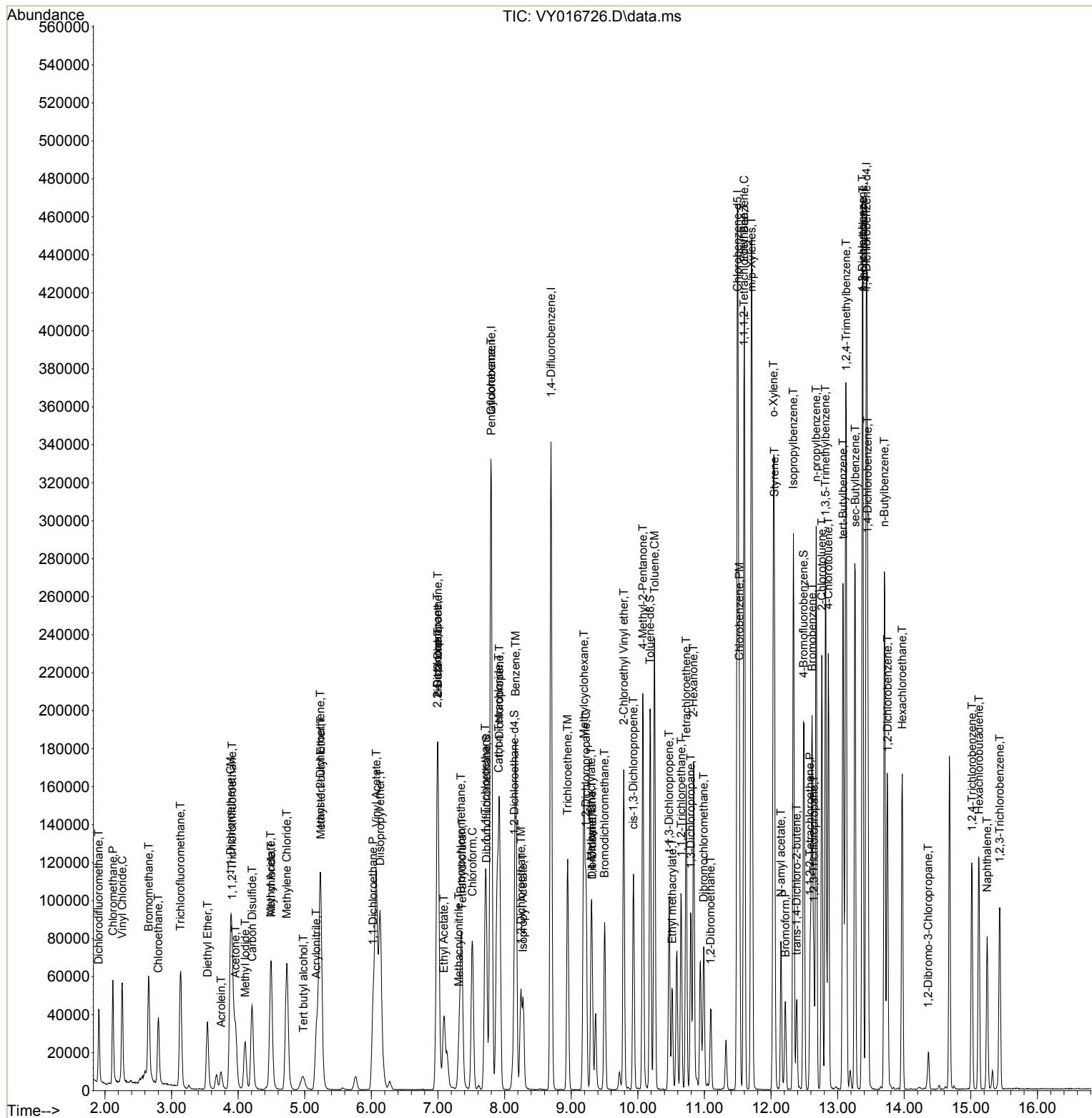
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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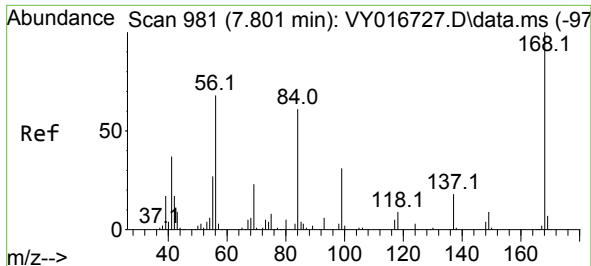
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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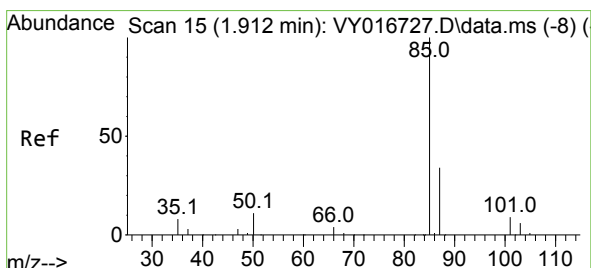
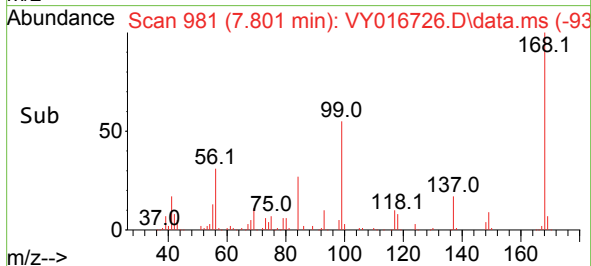
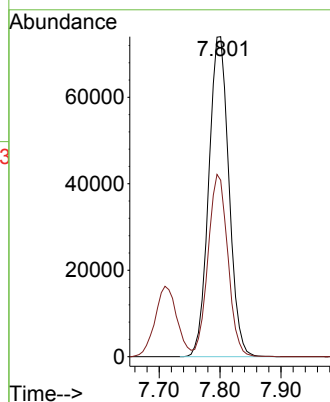
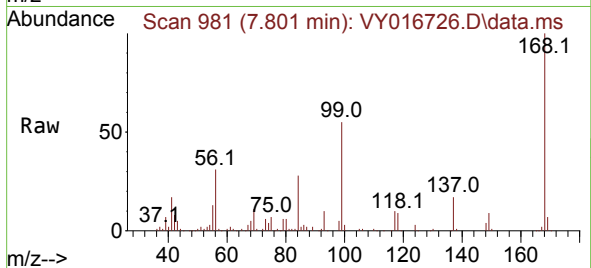




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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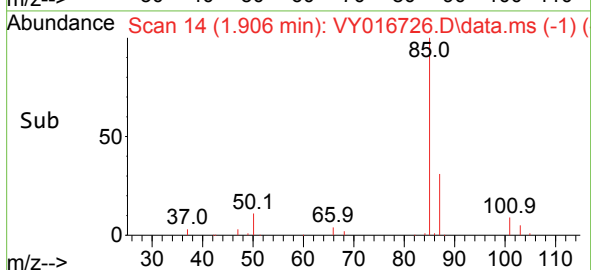
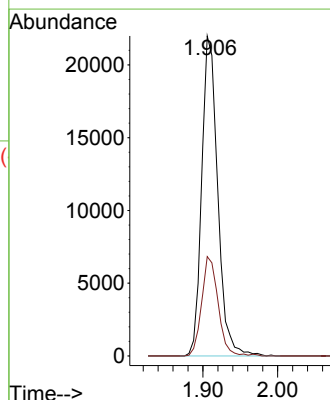
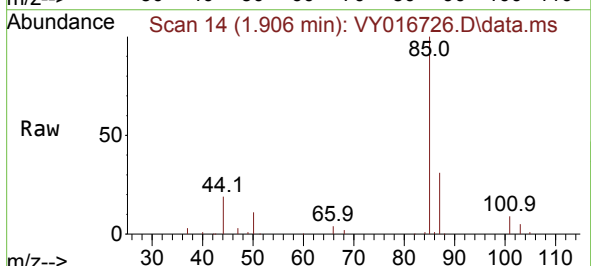
Instrument :
MSVOA_Y
ClientSampleId :

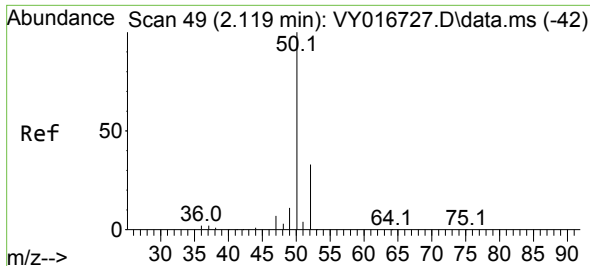
Tgt Ion:168 Resp: 170110
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 22.476 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 85 Resp: 32675
Ion Ratio Lower Upper
85 100
87 31.0 17.1 51.3

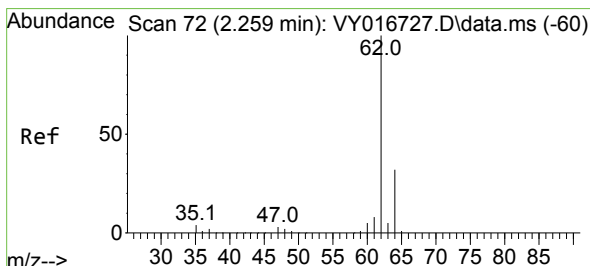
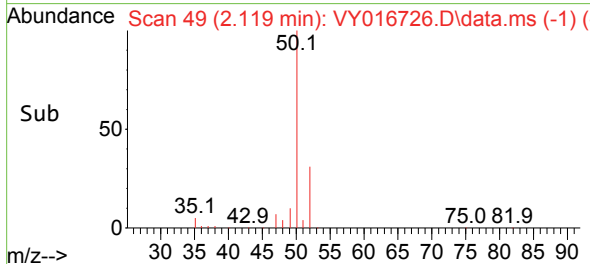
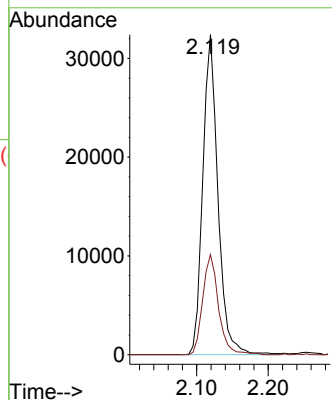
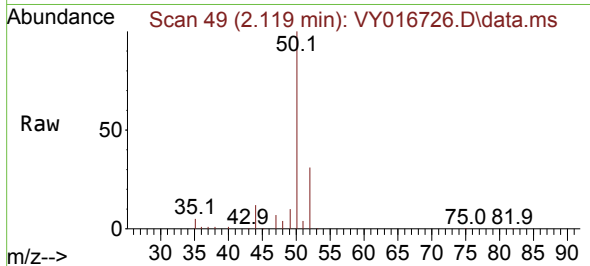




#3
Chloromethane
Concen: 21.361 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

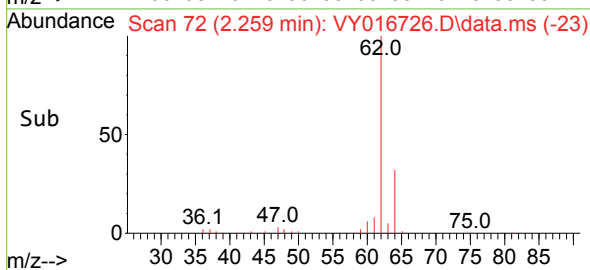
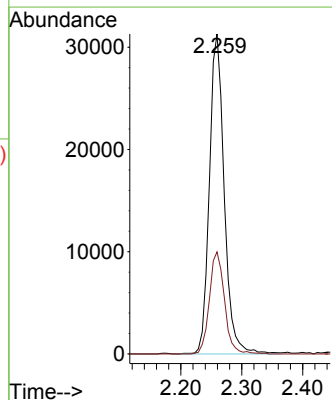
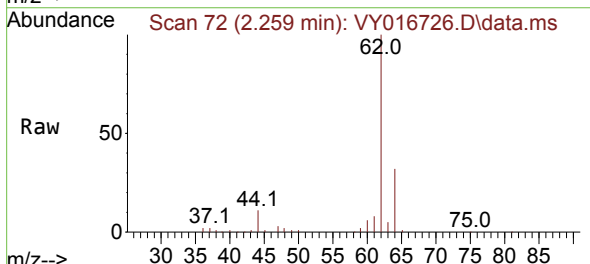
Instrument :
MSVOA_Y
ClientSampleId :

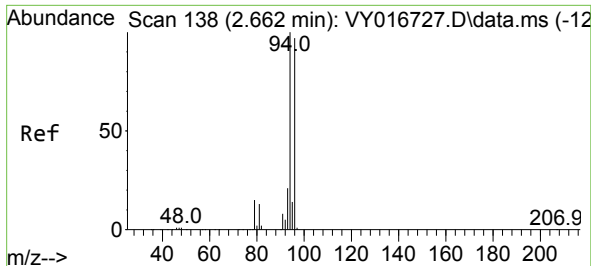
Tgt Ion: 50 Resp: 47734
Ion Ratio Lower Upper
50 100
52 31.3 26.7 40.1



#4
Vinyl Chloride
Concen: 20.965 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

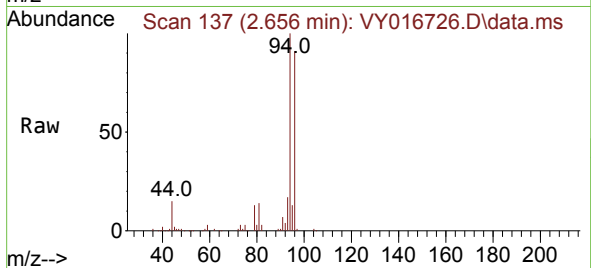
Tgt Ion: 62 Resp: 52916
Ion Ratio Lower Upper
62 100
64 31.9 25.7 38.5



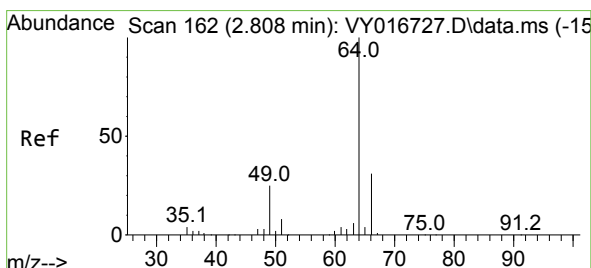
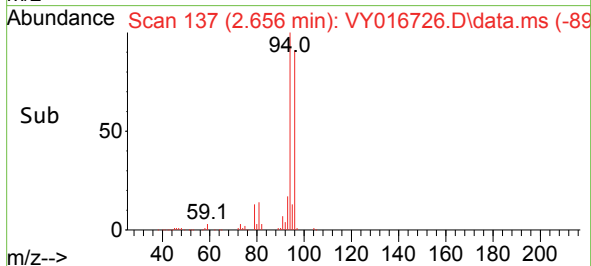
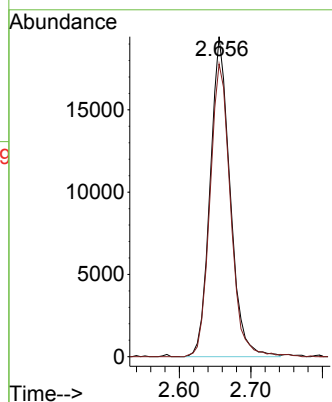


#5
Bromomethane
Concen: 21.010 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016726.D
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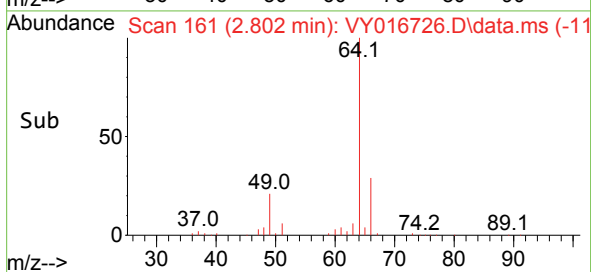
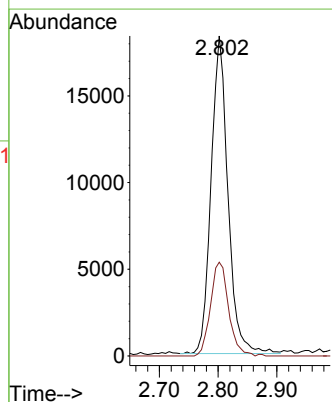
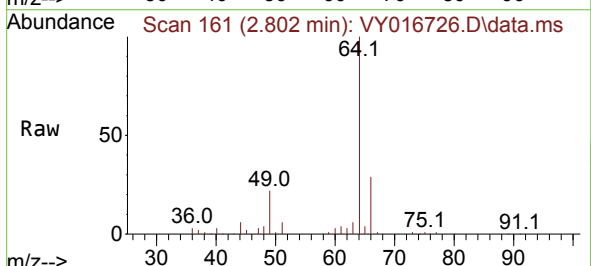


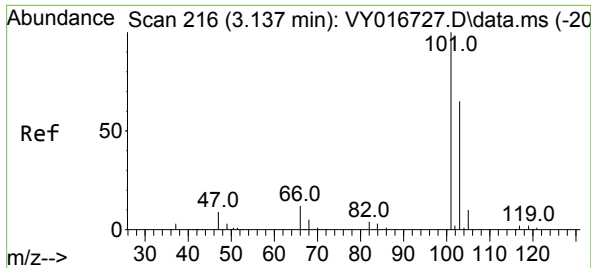
Tgt Ion: 94 Resp: 37770
Ion Ratio Lower Upper
94 100
96 91.5 77.3 115.9



#6
Chloroethane
Concen: 21.341 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 64 Resp: 36499
Ion Ratio Lower Upper
64 100
66 29.5 25.1 37.7

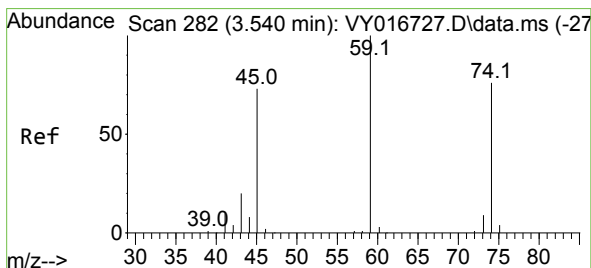
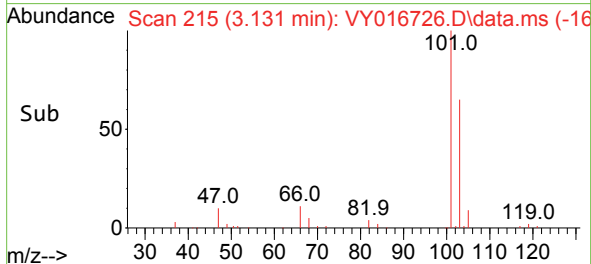
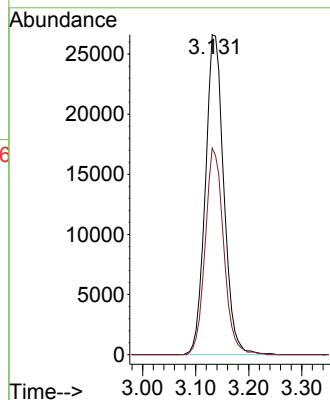
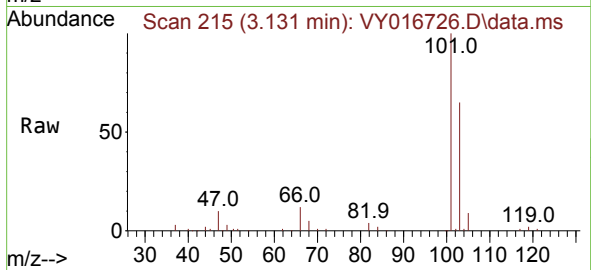




#7
 Trichlorofluoromethane
 Concen: 21.847 ug/l
 RT: 3.131 min Scan# 216
 Delta R.T. -0.006 min
 Lab File: VY016726.D
 Acq: 20 Dec 2023 15:47

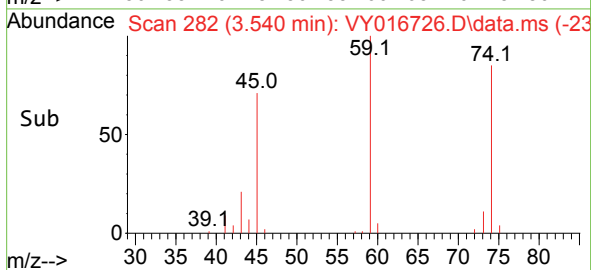
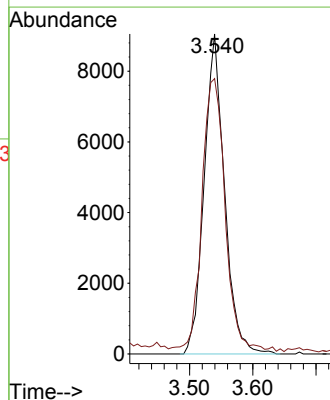
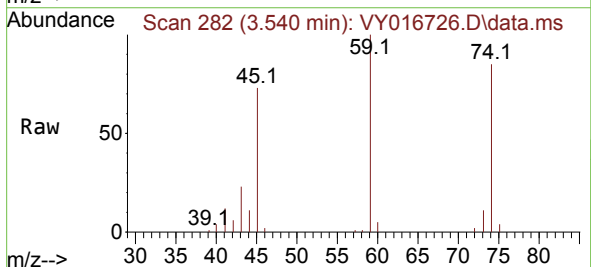
Instrument :
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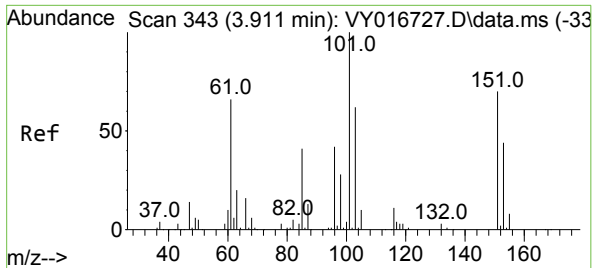
Tgt Ion:101 Resp: 64238
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 21.574 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.000 min
 Lab File: VY016726.D
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Tgt Ion: 74 Resp: 20292
 Ion Ratio Lower Upper
 74 100
 45 97.5 47.9 143.7

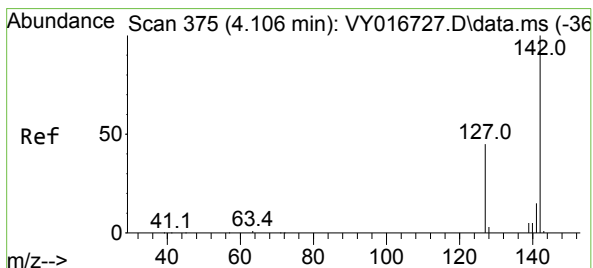
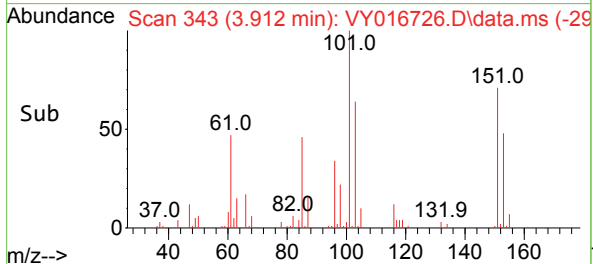
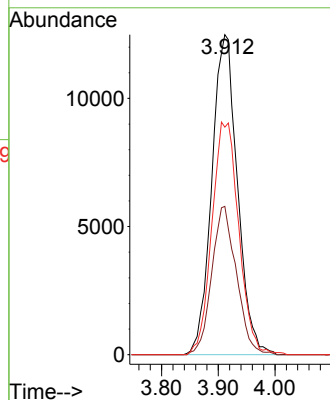
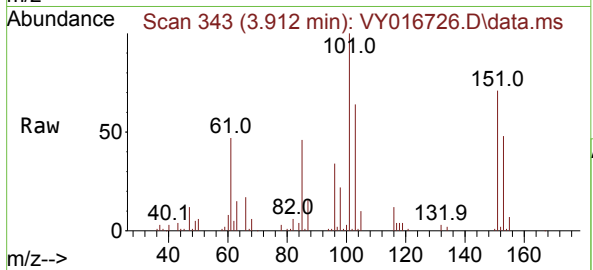




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.751 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

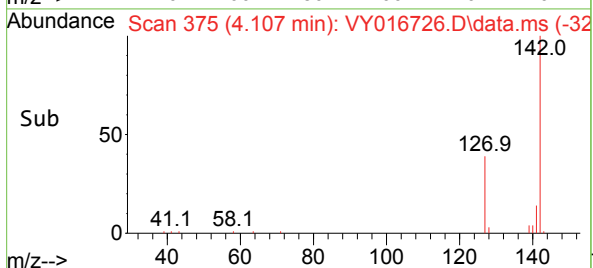
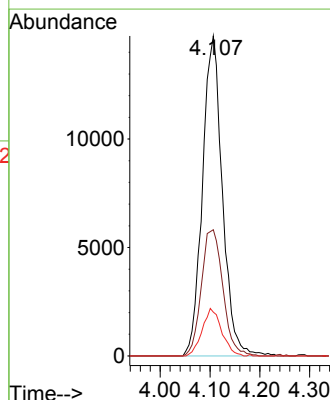
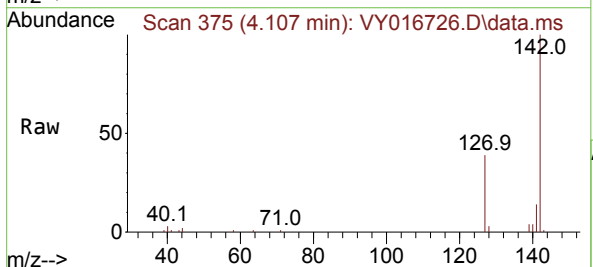
Instrument :
MSVOA_Y
ClientSampleId :

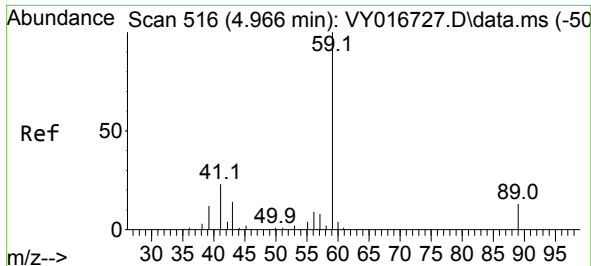
Tgt Ion:101 Resp: 39231
Ion Ratio Lower Upper
101 100
85 44.6 35.8 53.6
151 76.3 58.6 88.0



#10
Methyl Iodide
Concen: 21.814 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion:142 Resp: 40999
Ion Ratio Lower Upper
142 100
127 42.6 35.1 52.7
141 14.5 11.8 17.6

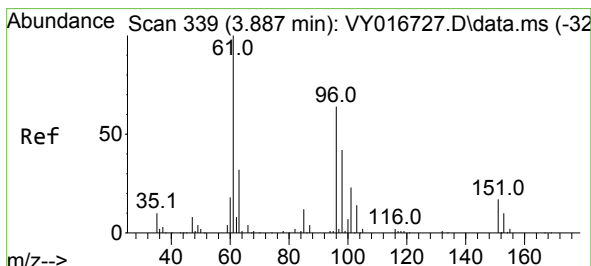
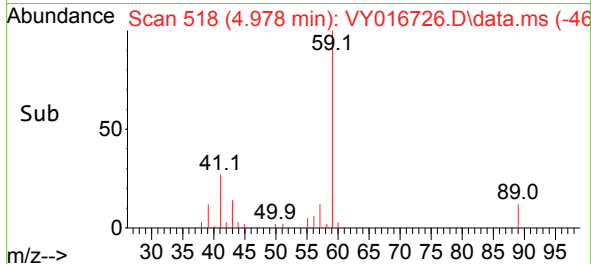
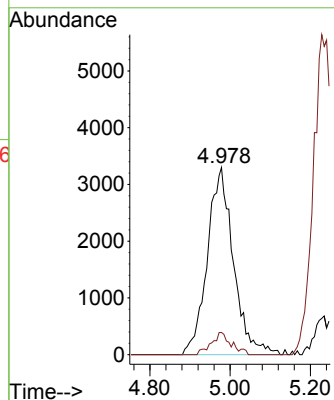
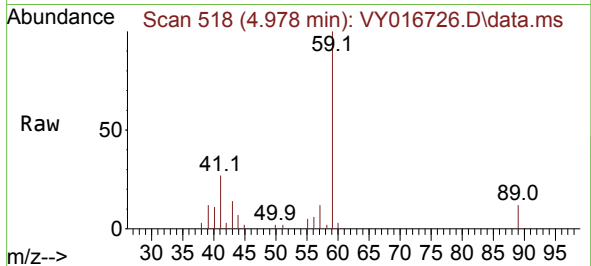




#11
Tert butyl alcohol
Concen: 117.271 ug/l
RT: 4.978 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

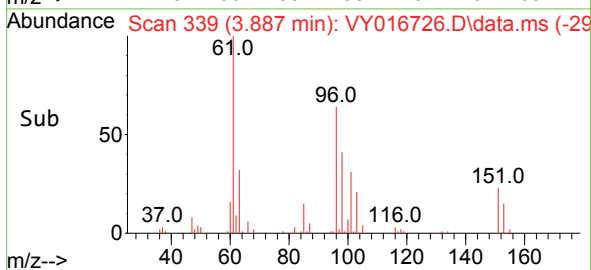
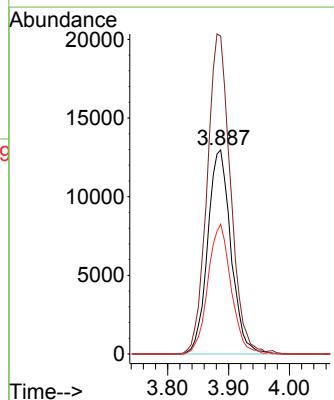
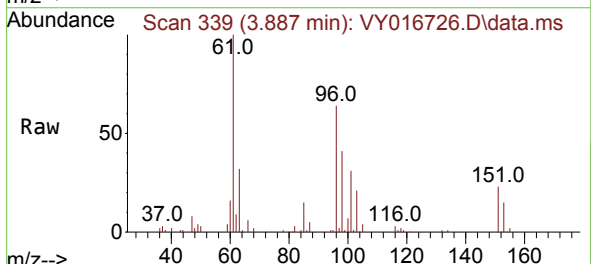
Instrument :
MSVOA_Y
ClientSampleId :

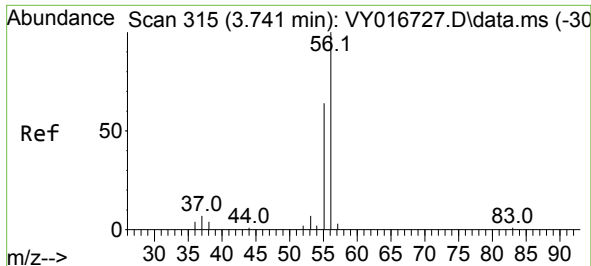
Tgt Ion: 59 Resp: 14915
Ion Ratio Lower Upper
59 100
57 8.3 7.4 11.0



#12
1,1-Dichloroethene
Concen: 21.431 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 96 Resp: 34417
Ion Ratio Lower Upper
96 100
61 155.8 124.2 186.2
98 63.6 52.6 79.0





#13

Acrolein

Concen: 100.559 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

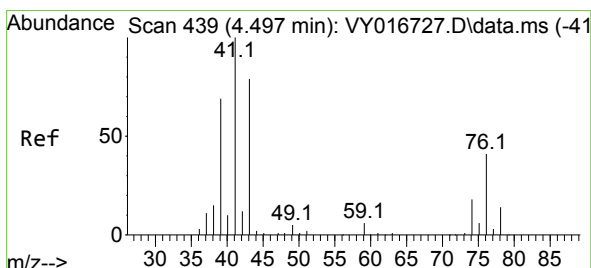
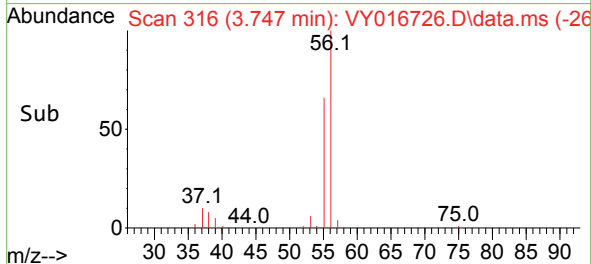
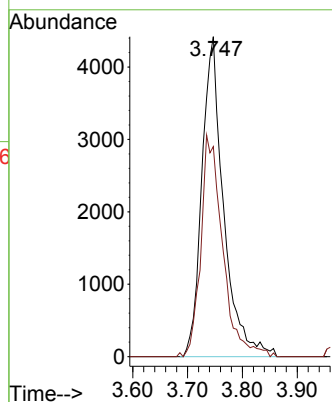
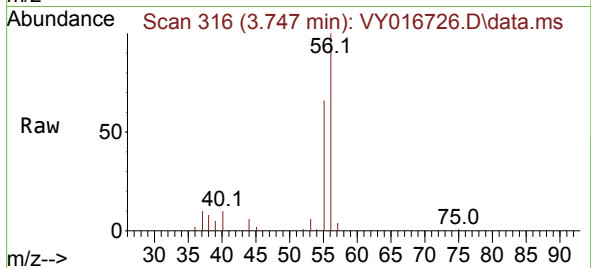
ClientSampleId :

Tgt Ion: 56 Resp: 12156

Ion Ratio Lower Upper

56 100

55 69.6 55.4 83.0



#14

Allyl chloride

Concen: 21.536 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

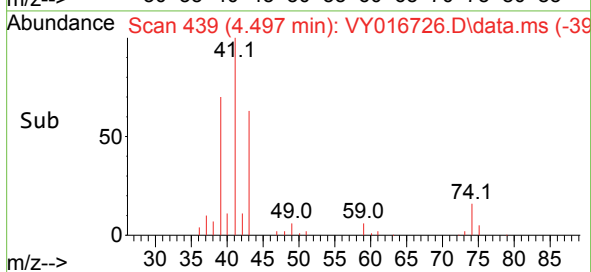
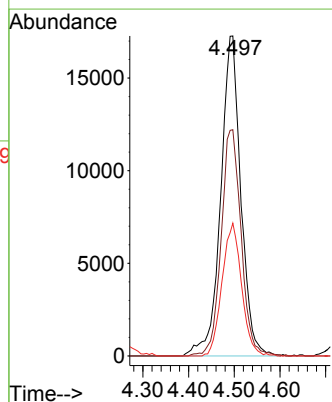
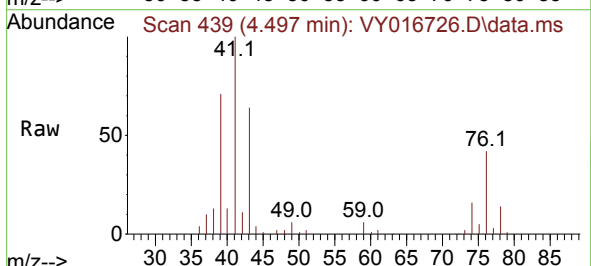
Tgt Ion: 41 Resp: 52973

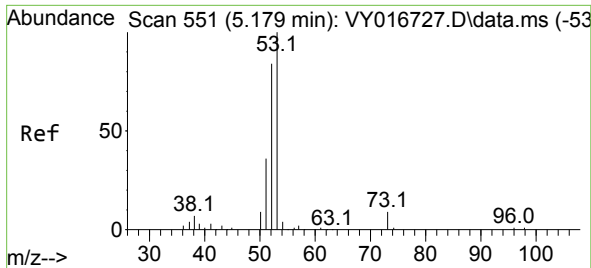
Ion Ratio Lower Upper

41 100

39 69.9 54.7 82.1

76 40.2 31.8 47.6

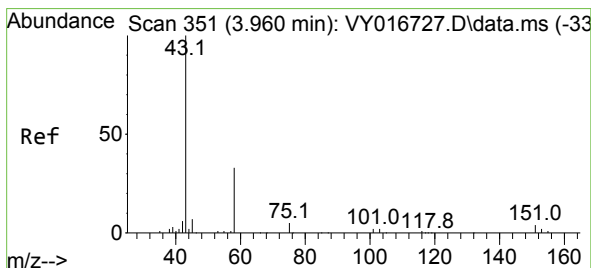
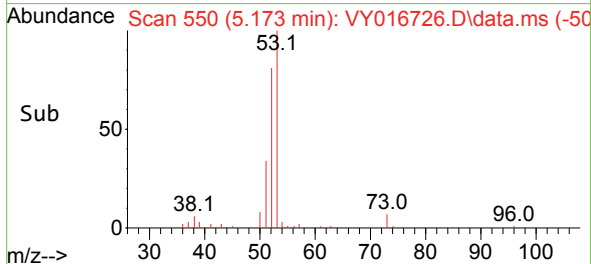
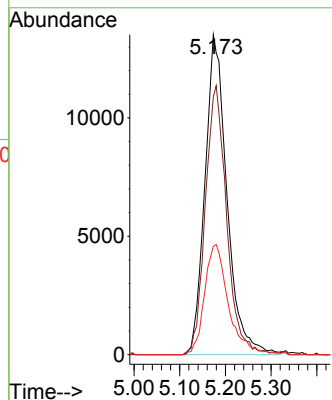
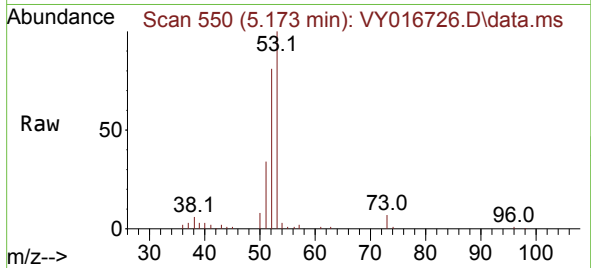




#15
Acrylonitrile
Concen: 113.502 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

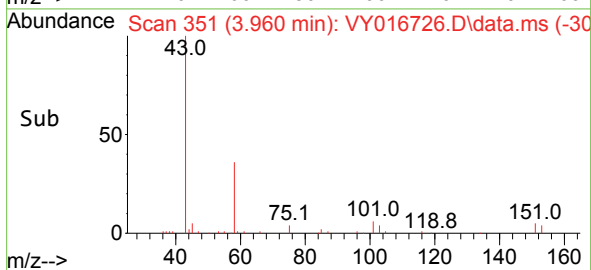
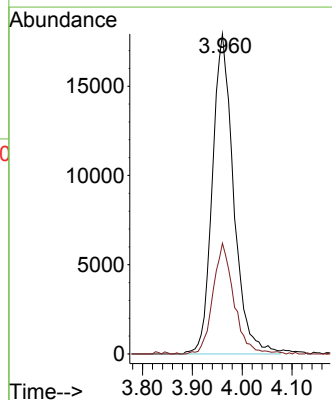
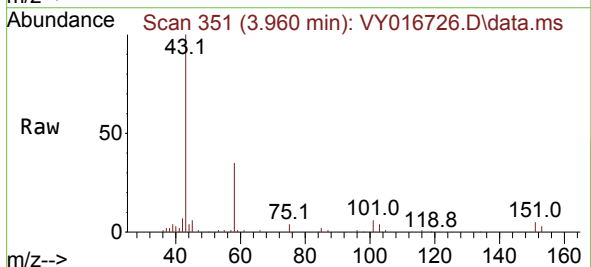
Instrument :
MSVOA_Y
ClientSampleId :

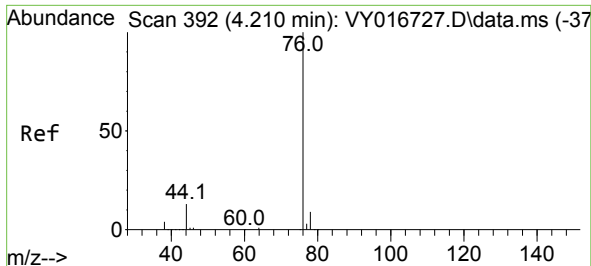
Tgt Ion: 53 Resp: 45211
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 37.2 29.0 43.4



#16
Acetone
Concen: 126.543 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 43 Resp: 53139
Ion Ratio Lower Upper
43 100
58 34.6 26.6 39.8

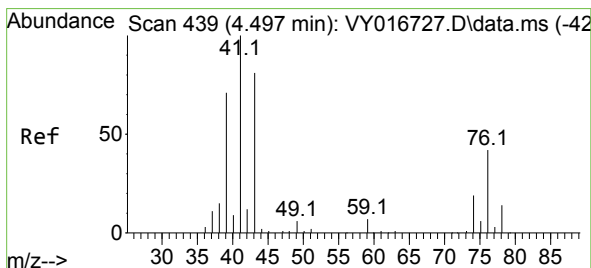
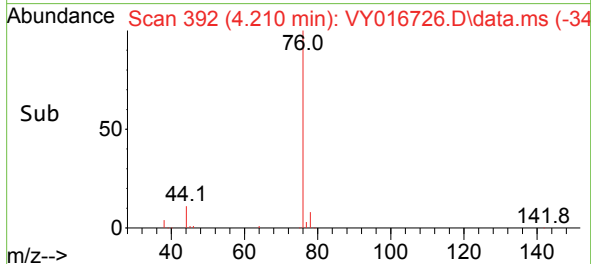
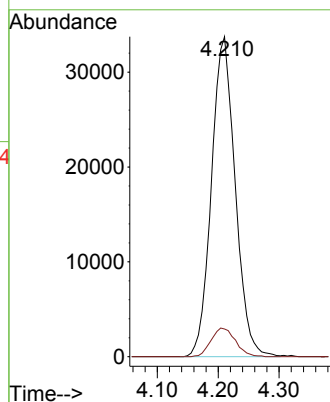
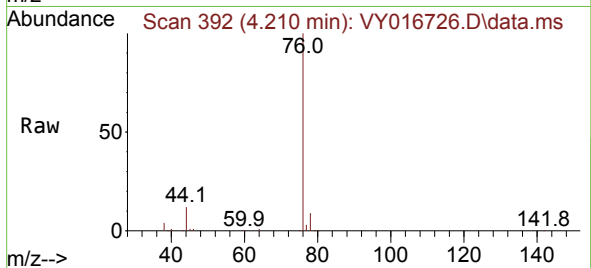




#17
Carbon Disulfide
Concen: 20.919 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

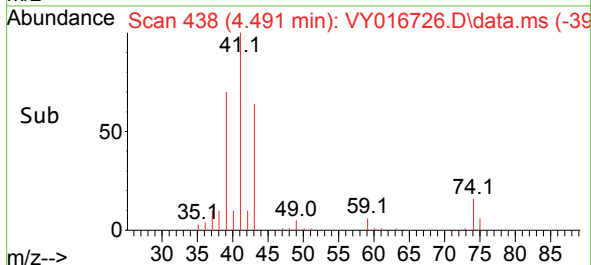
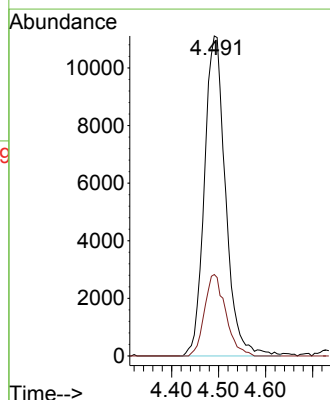
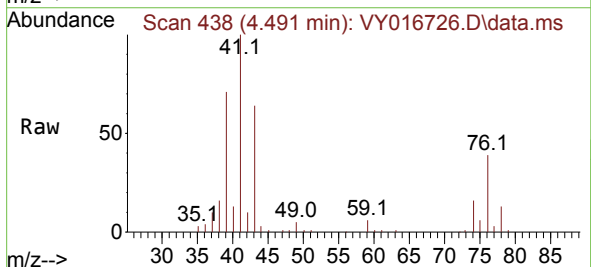
Instrument :
MSVOA_Y
ClientSampleId :

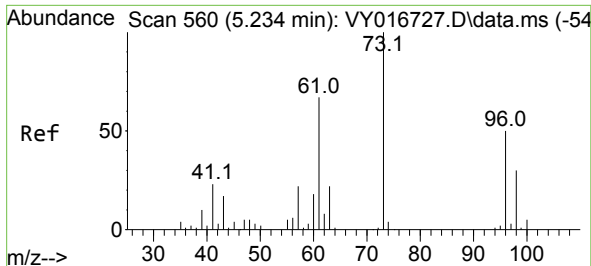
Tgt Ion: 76 Resp: 91408
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 21.161 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 43 Resp: 34726
Ion Ratio Lower Upper
43 100
74 25.5 19.8 29.6

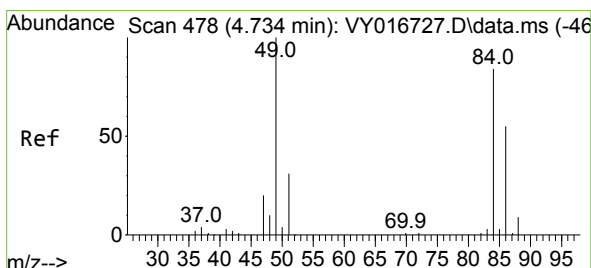
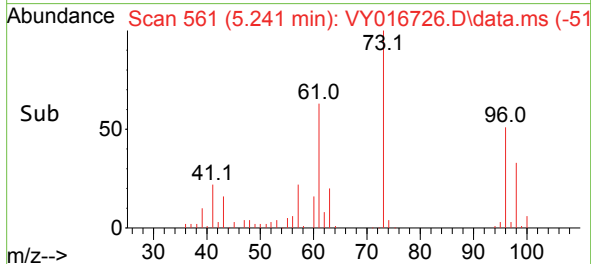
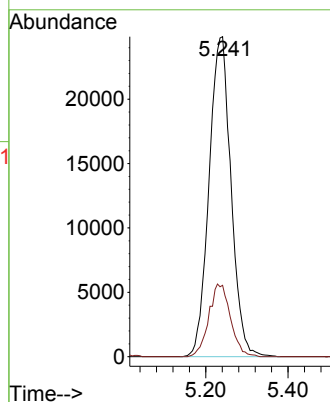
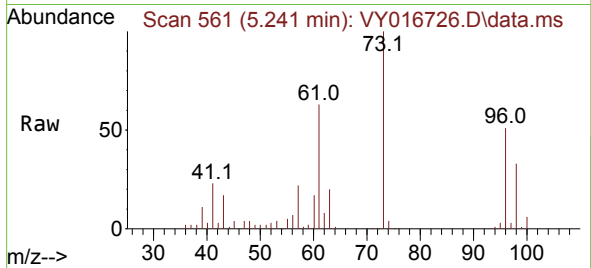




#19
Methyl tert-butyl Ether
Concen: 22.304 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

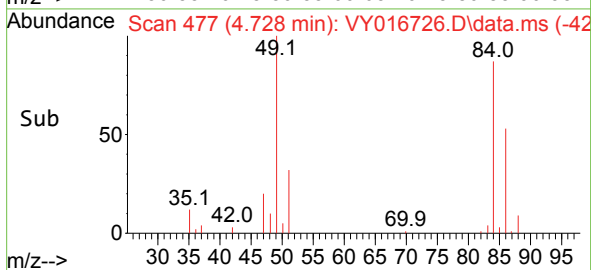
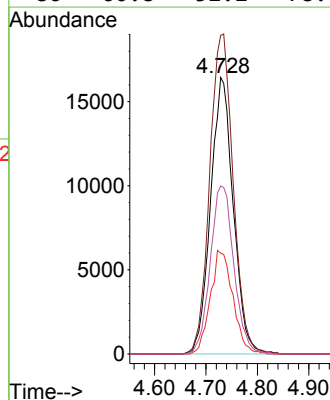
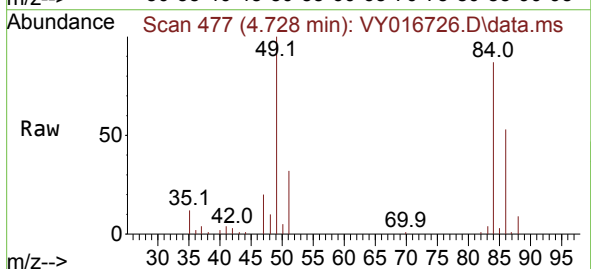
Instrument :
MSVOA_Y
ClientSampleId :

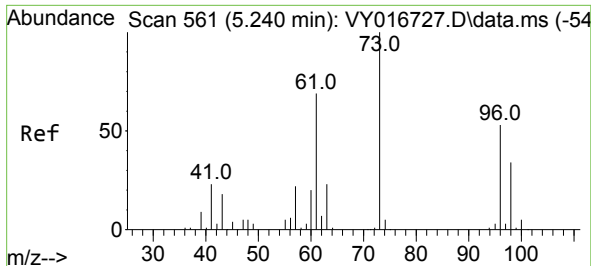
Tgt Ion: 73 Resp: 92164
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5



#20
Methylene Chloride
Concen: 21.430 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 84 Resp: 50419
Ion Ratio Lower Upper
84 100
49 115.2 95.2 142.8
51 36.4 29.9 44.9
86 60.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.584 ug/l

RT: 5.234 min Scan# 561

Delta R.T. -0.006 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

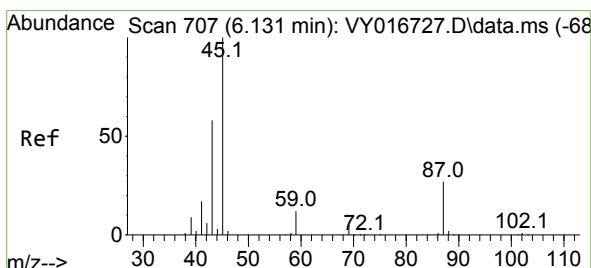
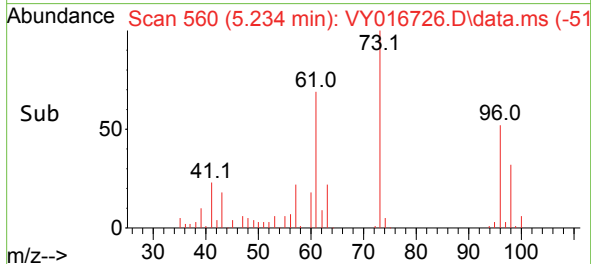
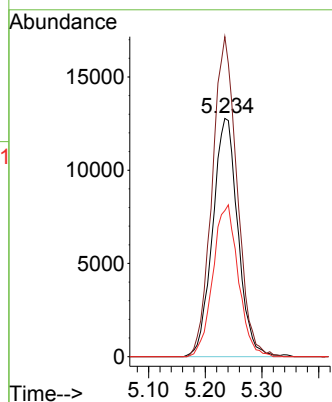
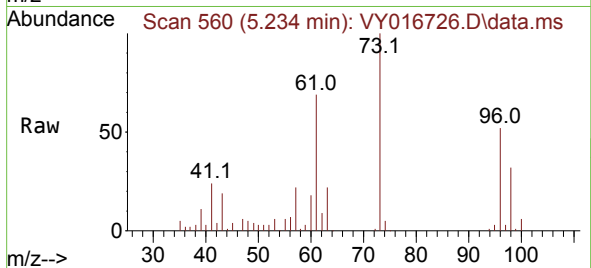
Tgt Ion: 96 Resp: 39533

Ion Ratio Lower Upper

96 100

61 134.3 104.6 156.8

98 61.3 50.9 76.3



#22

Diisopropyl ether

Concen: 22.464 ug/l

RT: 6.131 min Scan# 707

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Tgt Ion: 45 Resp: 125010

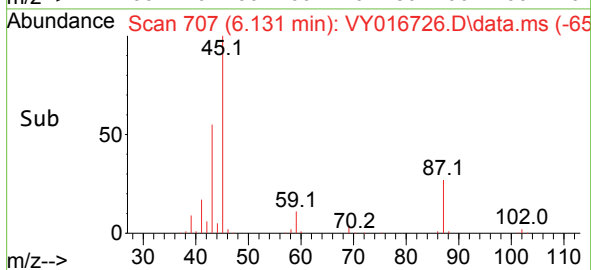
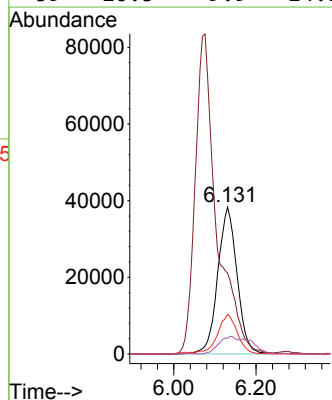
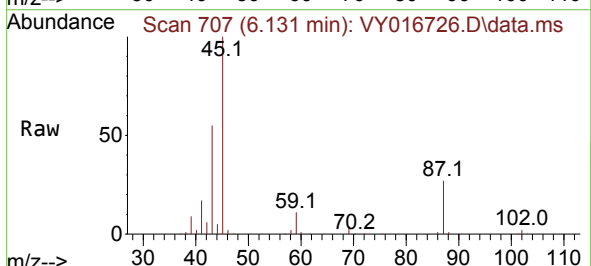
Ion Ratio Lower Upper

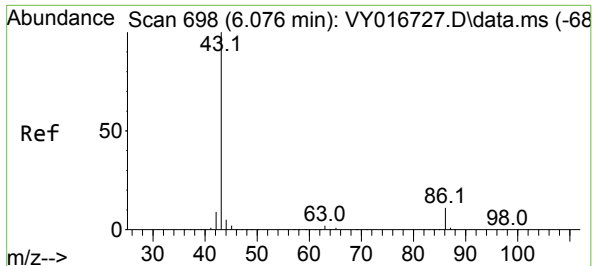
45 100

43 53.7 46.8 70.2

87 26.9 22.2 33.2

59 10.5 9.9 14.9

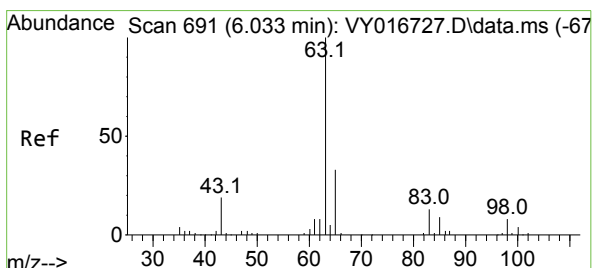
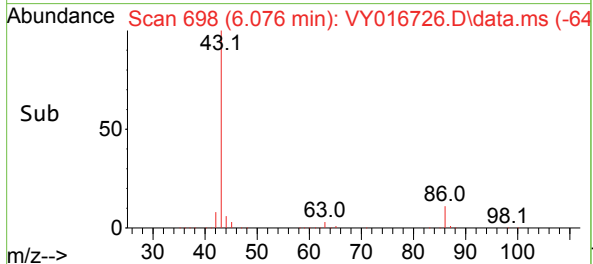
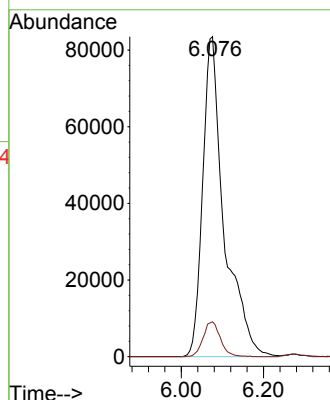
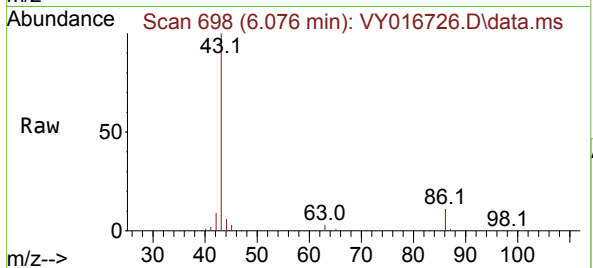




#23
 Vinyl Acetate
 Concen: 114.717 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016726.D
 Acq: 20 Dec 2023 15:47

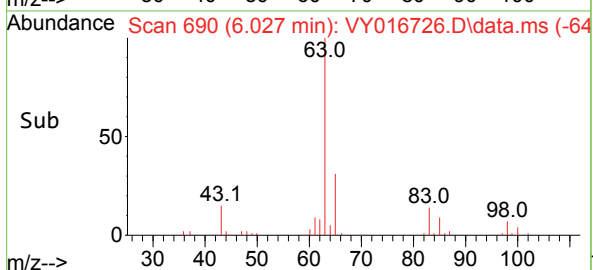
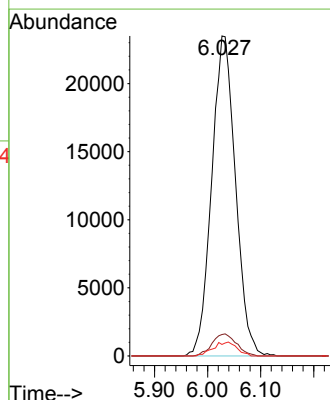
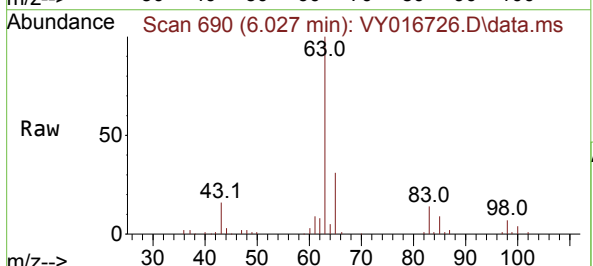
Instrument :
 MSVOA_Y
 ClientSampleId :

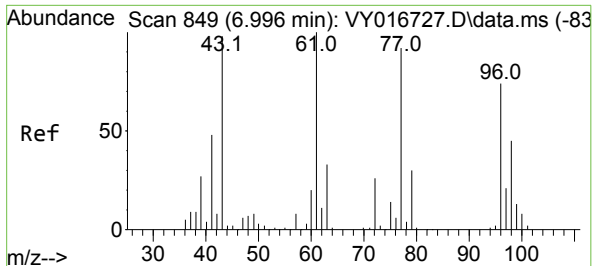
Tgt Ion: 43 Resp: 301928
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.922 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016726.D
 Acq: 20 Dec 2023 15:47

Tgt Ion: 63 Resp: 73283
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 3.6 2.1 6.2





#25

2-Butanone

Concen: 124.224 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

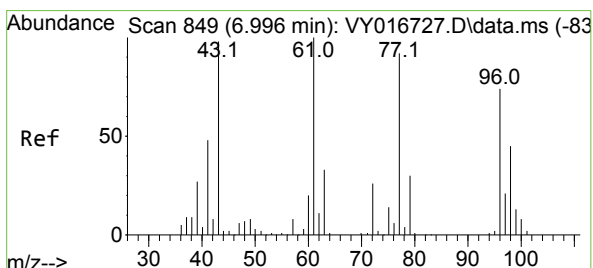
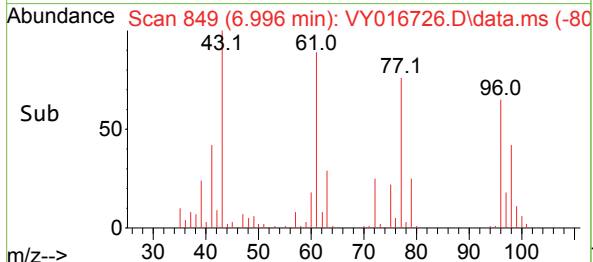
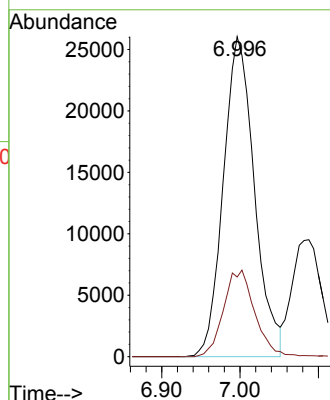
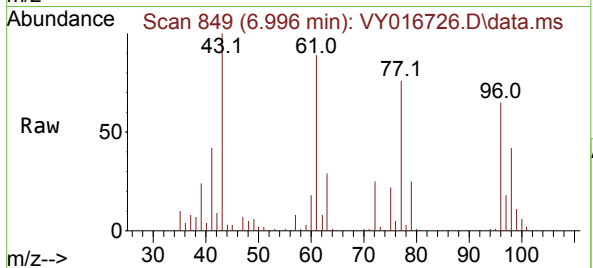
ClientSampleId :

Tgt Ion: 43 Resp: 71822

Ion Ratio Lower Upper

43 100

72 24.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.210 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016726.D

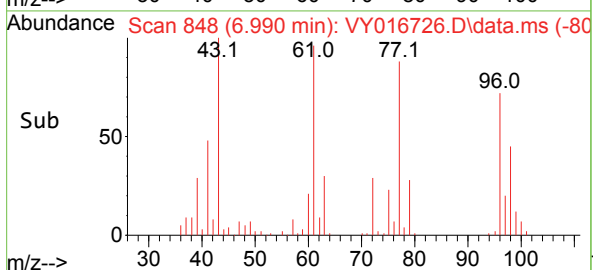
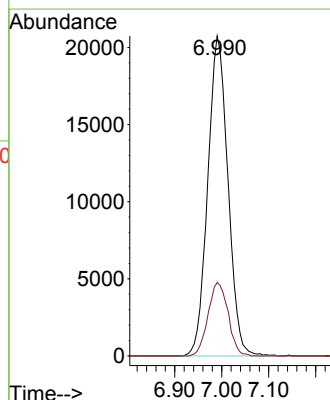
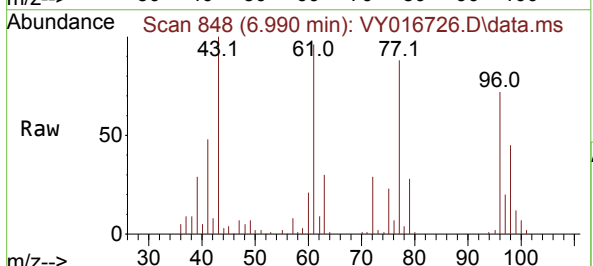
Acq: 20 Dec 2023 15:47

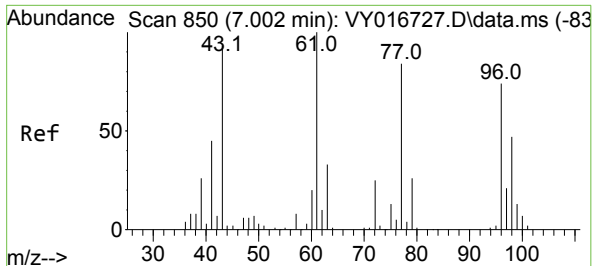
Tgt Ion: 77 Resp: 61874

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.847 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

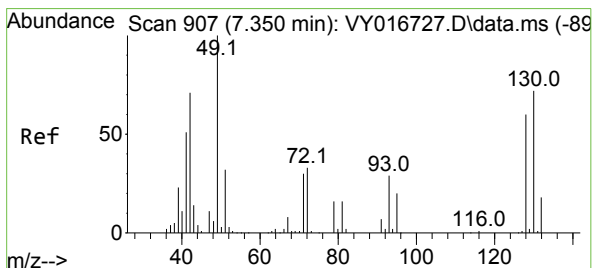
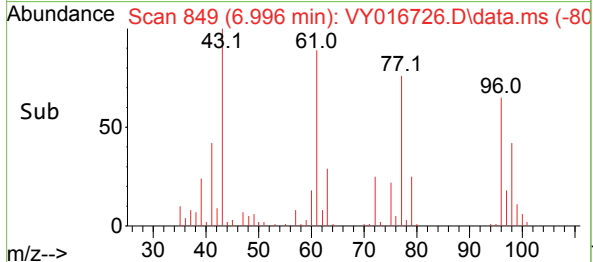
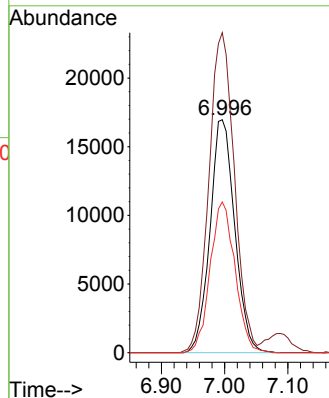
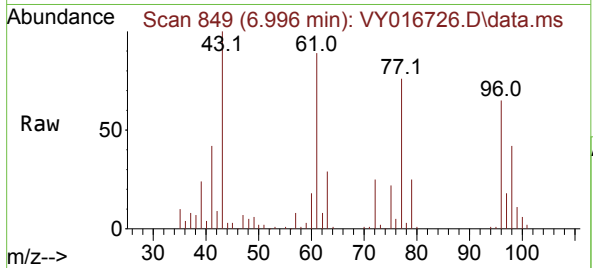
Tgt Ion: 96 Resp: 46051

Ion Ratio Lower Upper

96 100

61 141.5 0.0 278.8

98 65.1 0.0 127.0



#28

Bromochloromethane

Concen: 21.274 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

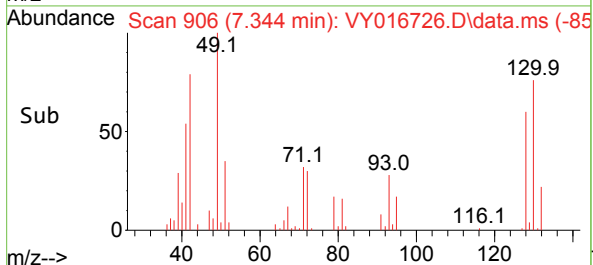
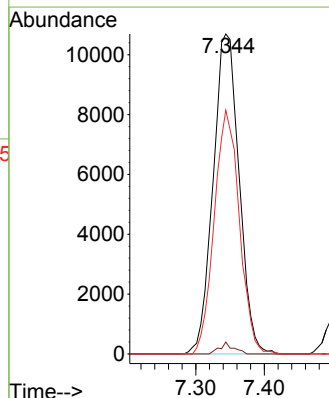
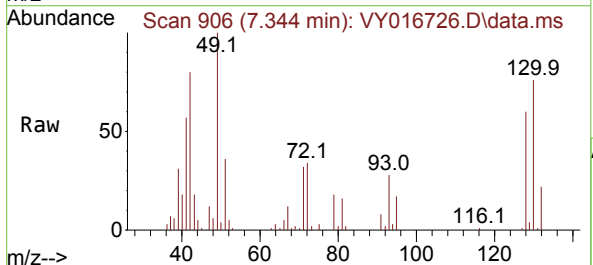
Tgt Ion: 49 Resp: 28148

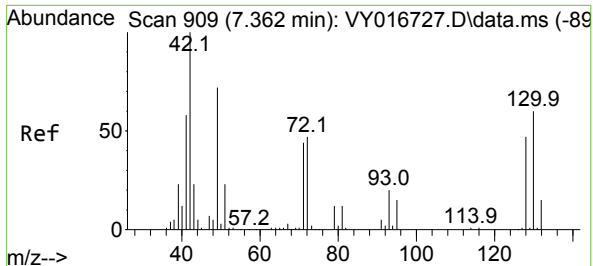
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 73.5 59.8 89.8





#29

Tetrahydrofuran

Concen: 114.241 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

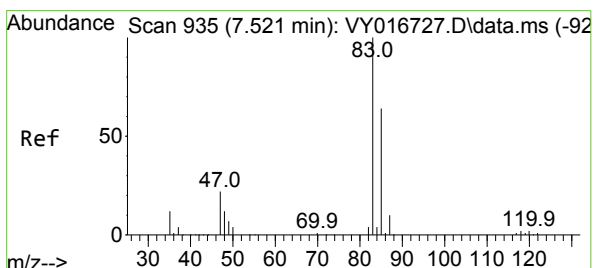
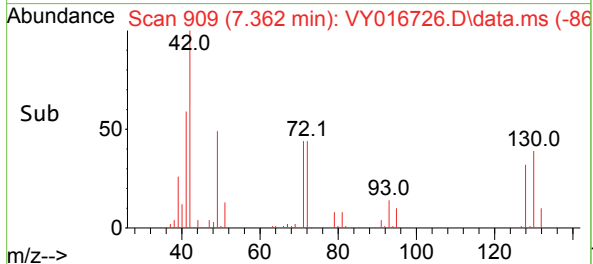
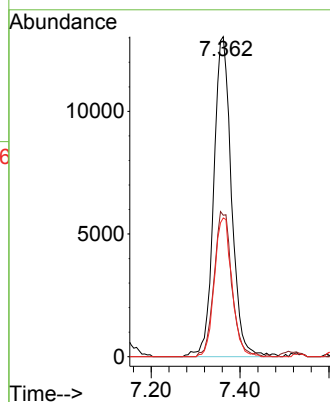
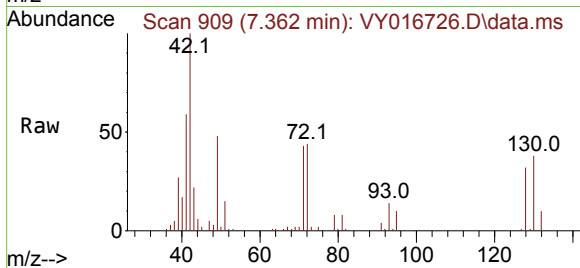
Tgt Ion: 42 Resp: 36116

Ion Ratio Lower Upper

42 100

72 45.4 36.6 54.8

71 42.8 33.8 50.6



#30

Chloroform

Concen: 22.108 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY016726.D

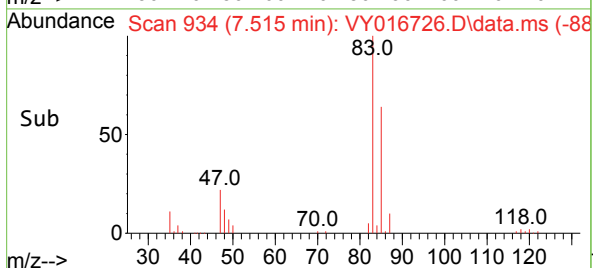
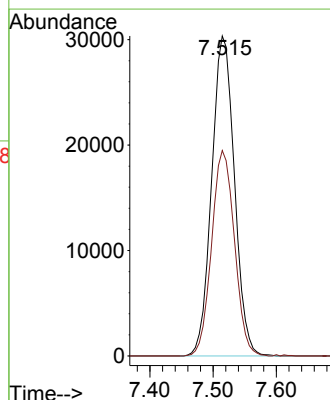
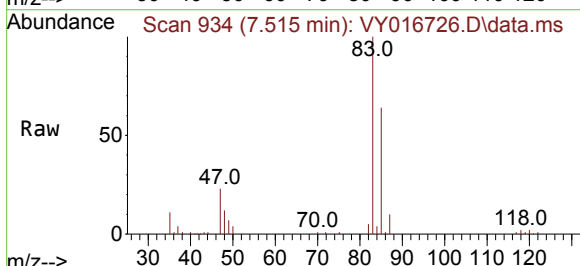
Acq: 20 Dec 2023 15:47

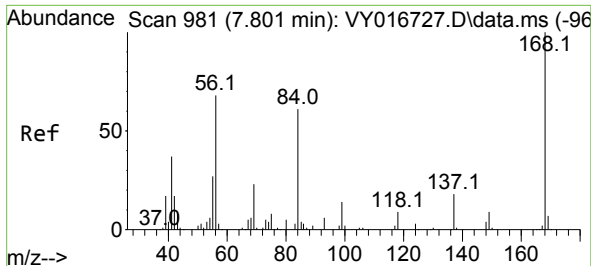
Tgt Ion: 83 Resp: 75657

Ion Ratio Lower Upper

83 100

85 64.2 51.2 76.8

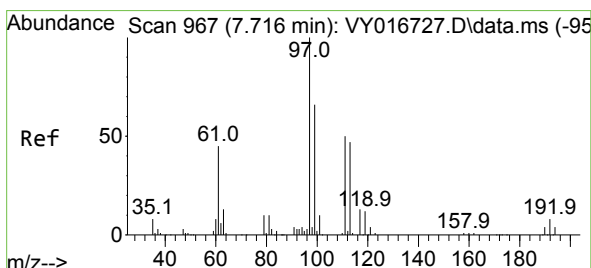
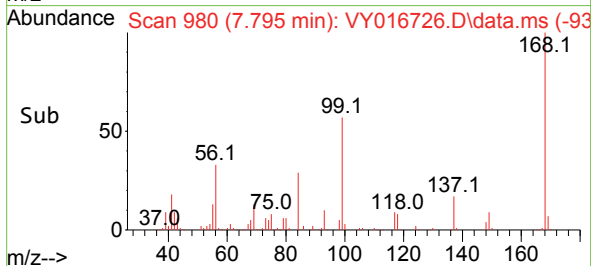
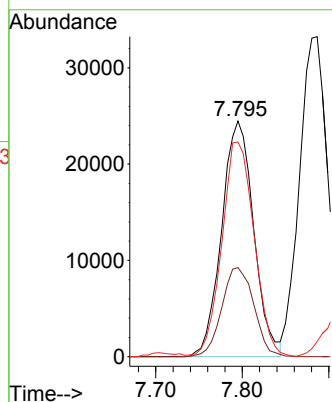
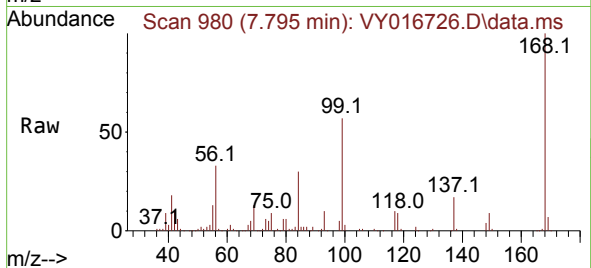




#31
Cyclohexane
Concen: 21.146 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

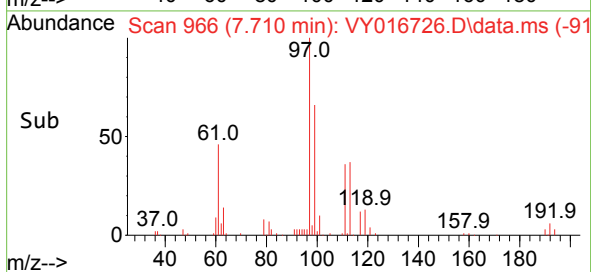
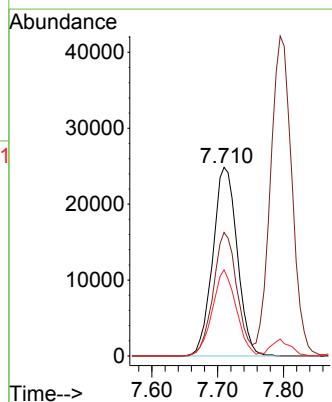
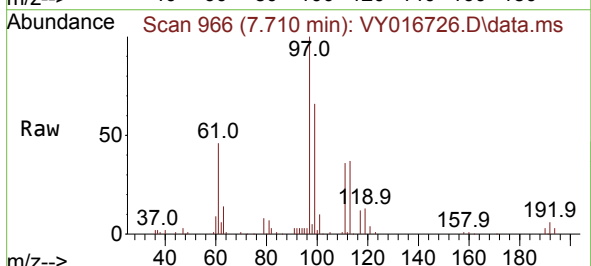
Instrument :
MSVOA_Y
ClientSampleId :

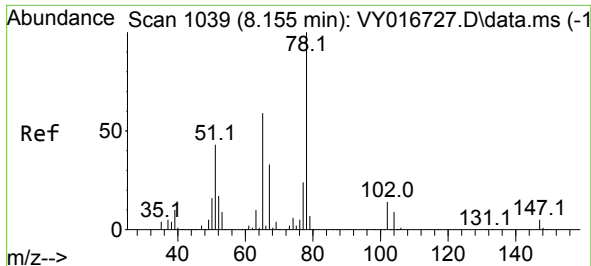
Tgt Ion: 56 Resp: 62915
Ion Ratio Lower Upper
56 100
69 37.8 27.0 40.6
84 89.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.401 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 97 Resp: 64288
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 44.6 35.0 52.6

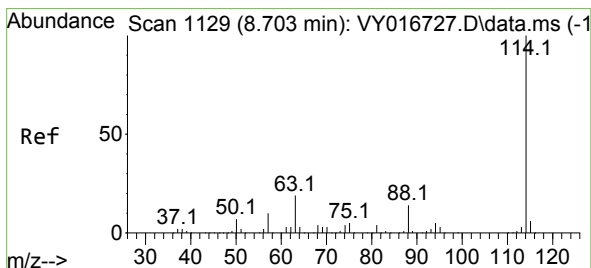
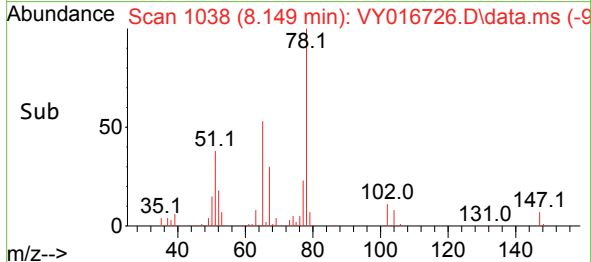
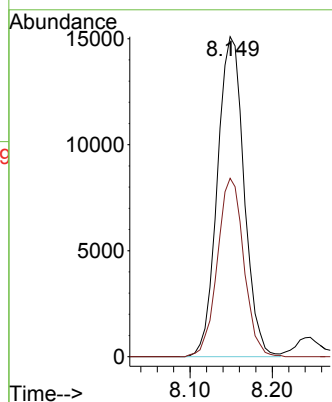
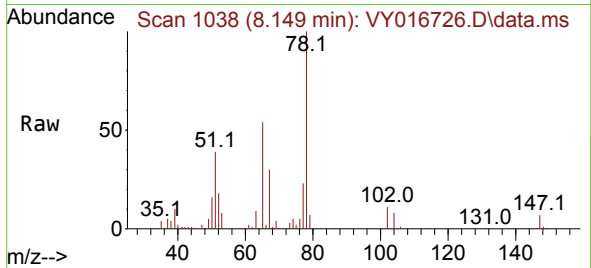




#33
 1,2-Dichloroethane-d4
 Concen: 21.970 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY016726.D
 Acq: 20 Dec 2023 15:47

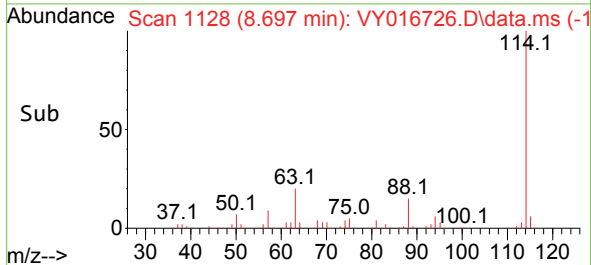
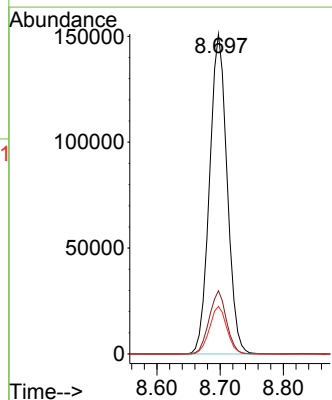
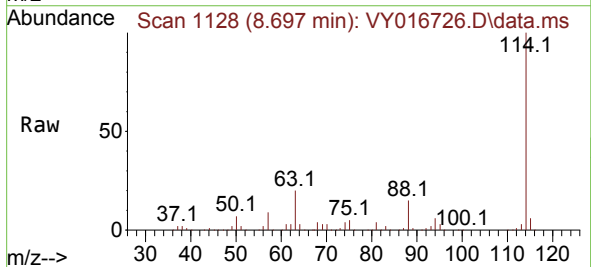
Instrument :
 MSVOA_Y
 ClientSampleId :

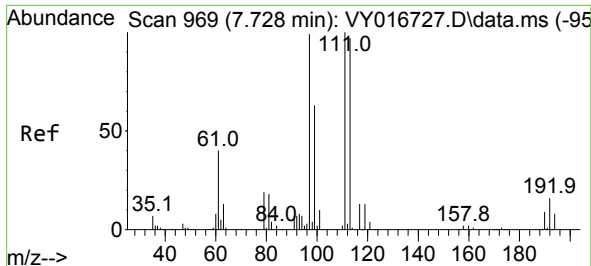
Tgt Ion: 65 Resp: 34117
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: VY016726.D
 Acq: 20 Dec 2023 15:47

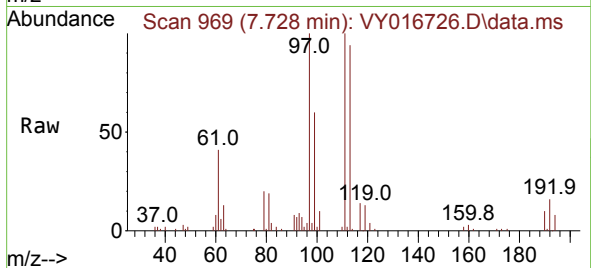
Tgt Ion: 114 Resp: 291532
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.4
 88 14.8 0.0 29.0



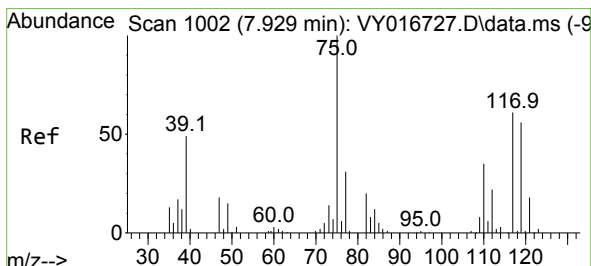
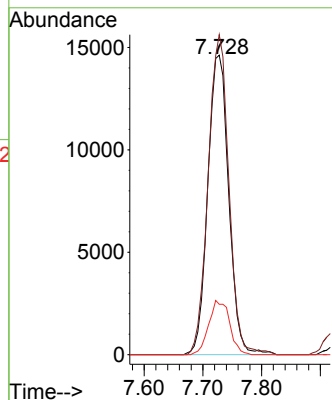
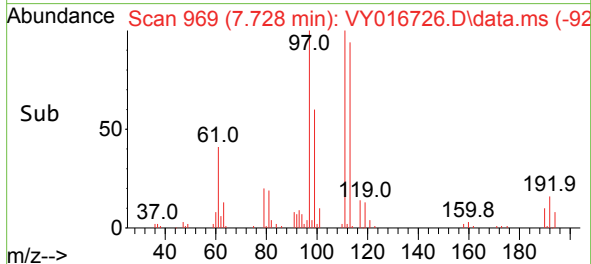


#35
Dibromofluoromethane
Concen: 21.722 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

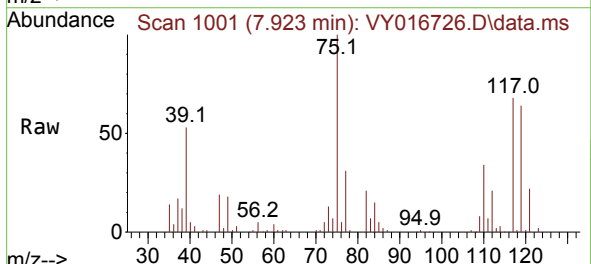
Instrument :
MSVOA_Y
ClientSampleId :



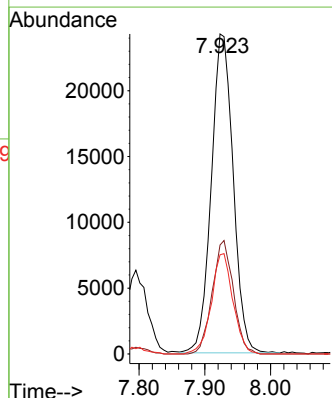
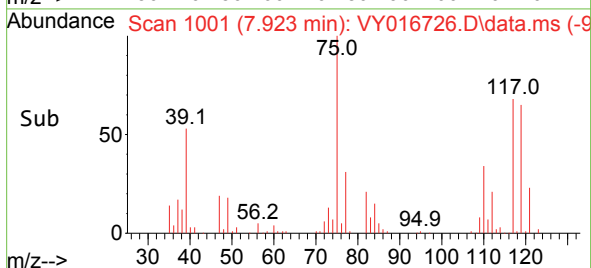
Tgt Ion:113 Resp: 36275
Ion Ratio Lower Upper
113 100
111 105.6 83.8 125.6
192 18.0 14.5 21.7

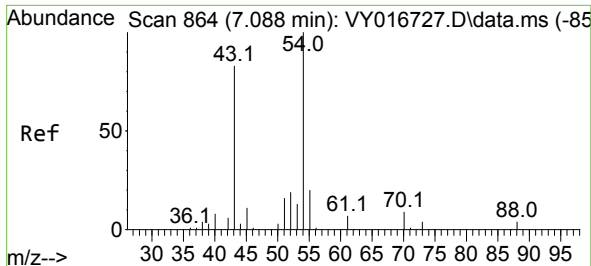


#36
1,1-Dichloropropene
Concen: 20.979 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47



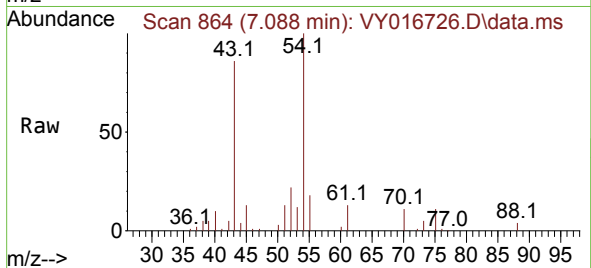
Tgt Ion: 75 Resp: 56165
Ion Ratio Lower Upper
75 100
110 34.3 17.4 52.3
77 31.1 24.7 37.1



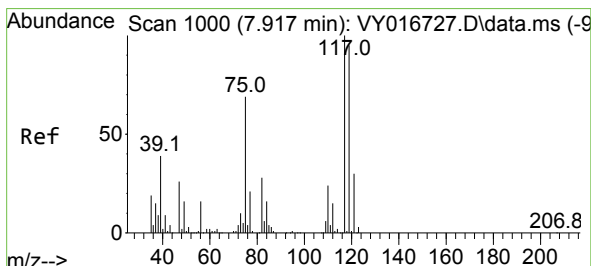
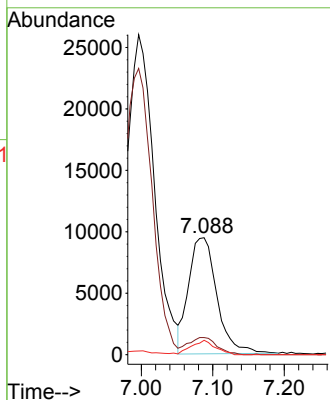
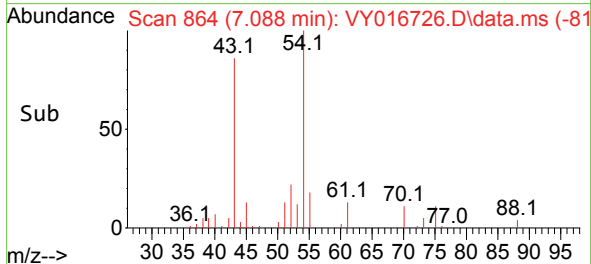


#37
Ethyl Acetate
Concen: 22.225 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

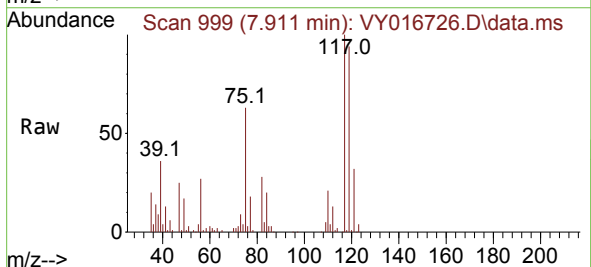
Instrument :
MSVOA_Y
ClientSampleId :



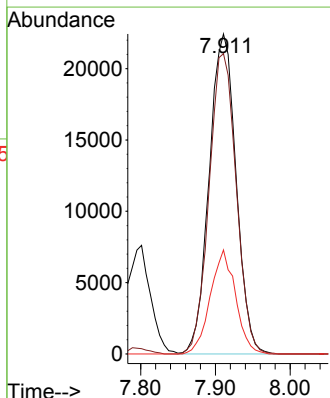
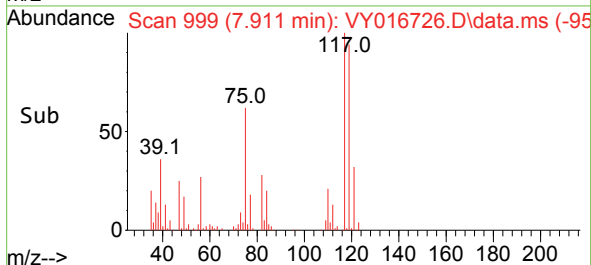
Tgt Ion: 43	Resp: 26042
Ion Ratio	Lower Upper
43 100	
61 15.1	11.0 16.6
70 10.7	8.1 12.1

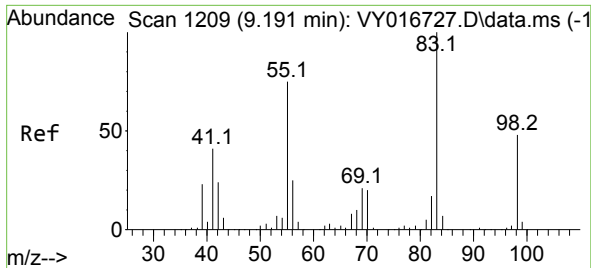


#38
Carbon Tetrachloride
Concen: 21.193 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47



Tgt Ion:117	Resp:	56146	
Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.0	114.0
121	32.5	24.2	36.2

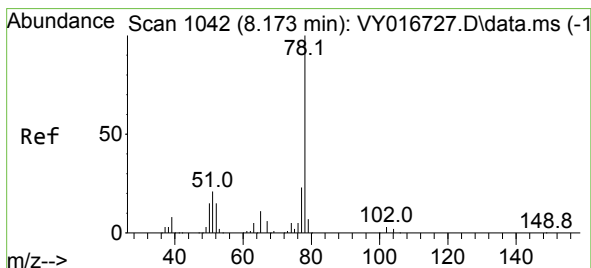
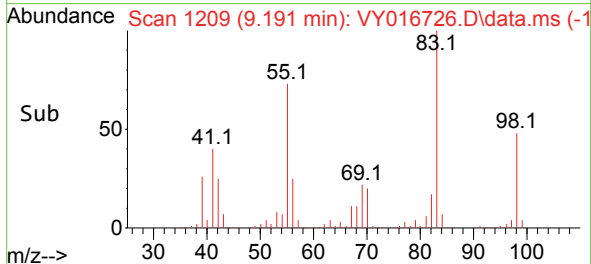
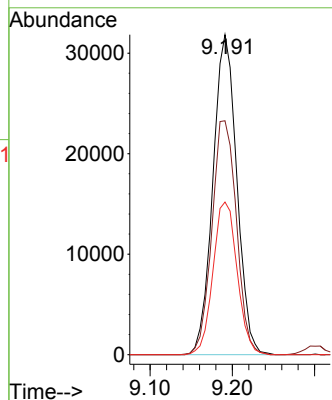
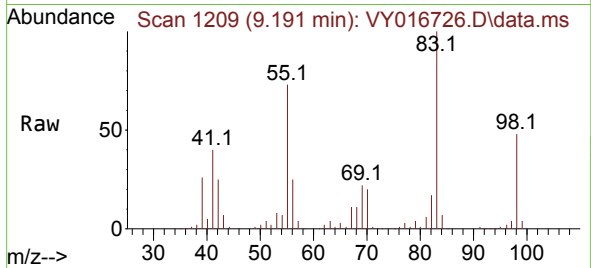




#39
Methylcyclohexane
Concen: 20.757 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

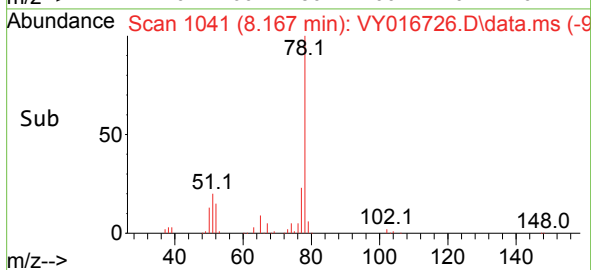
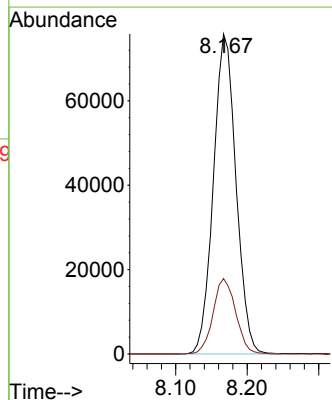
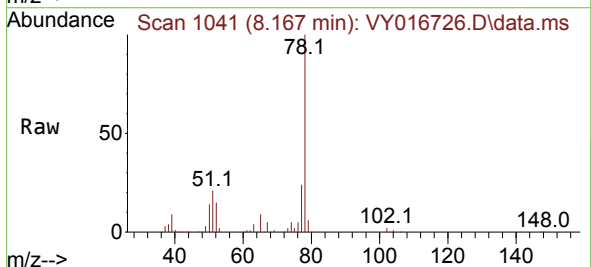
Instrument :
MSVOA_Y
ClientSampleId :

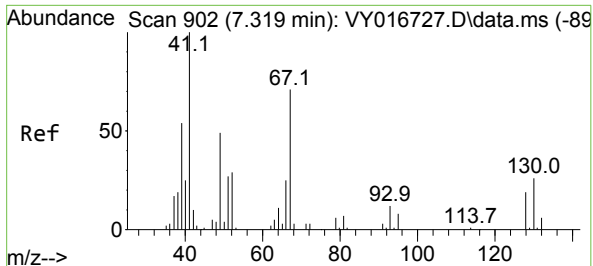
Tgt Ion: 83 Resp: 64162
Ion Ratio Lower Upper
83 100
55 73.1 59.7 89.5
98 47.7 38.0 57.0



#40
Benzene
Concen: 21.381 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 78 Resp: 166577
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



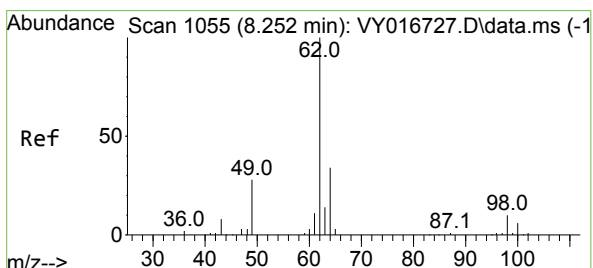
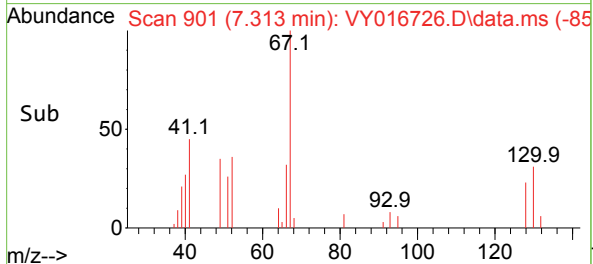
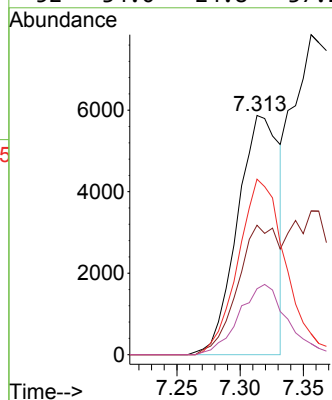
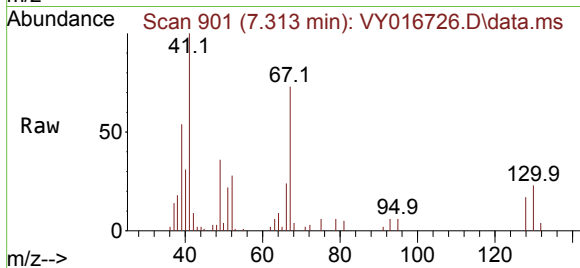


#41
Methacrylonitrile
Concen: 22.145 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 13492

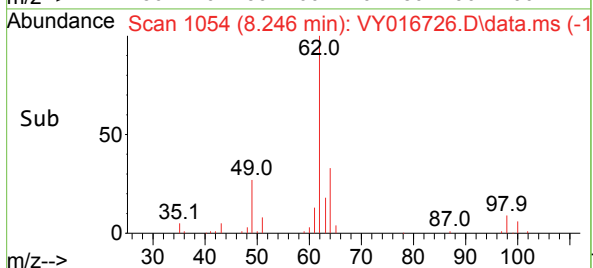
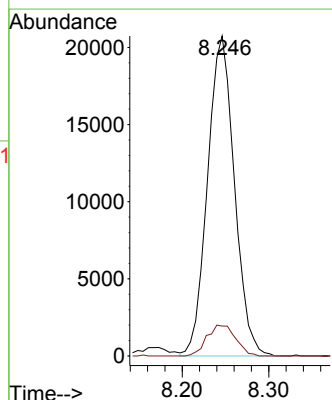
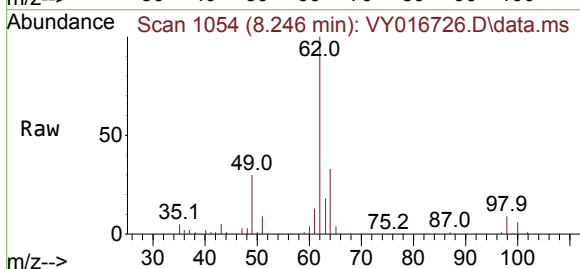
Ion	Ratio	Lower	Upper
41	100		
39	53.4	41.9	62.9
67	83.2	59.8	89.6
52	34.0	24.8	37.2

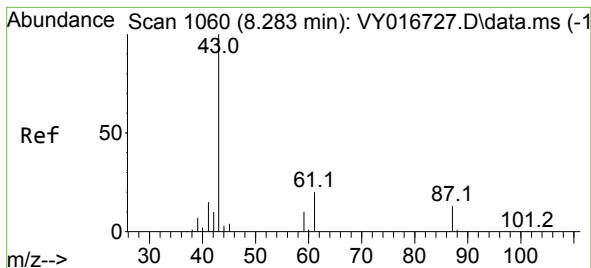


#42
1,2-Dichloroethane
Concen: 22.005 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 62 Resp: 44726

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2





#43

Isopropyl Acetate

Concen: 22.442 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

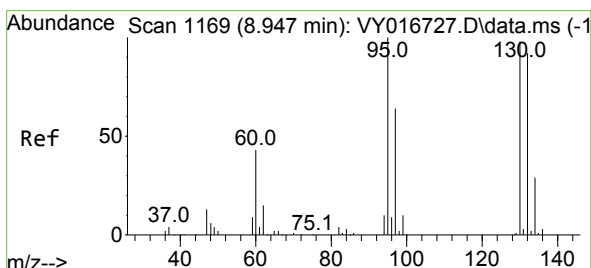
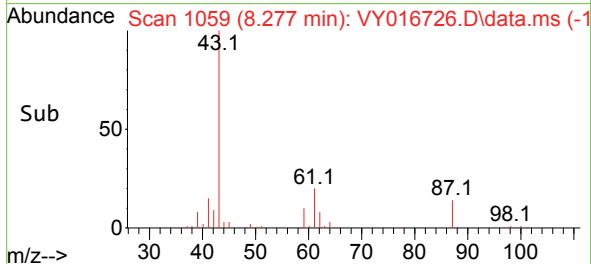
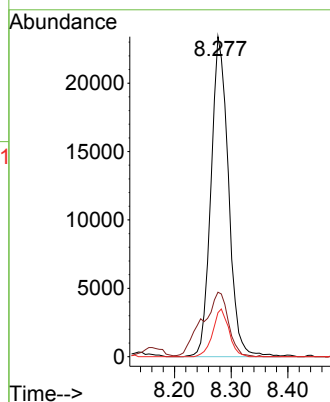
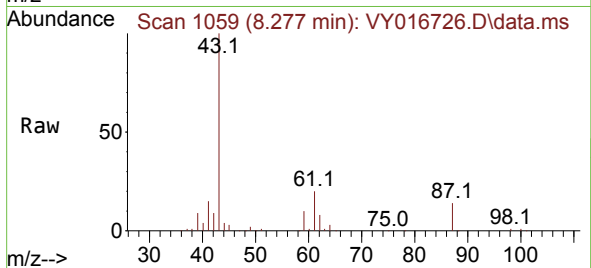
Tgt Ion: 43 Resp: 50017

Ion Ratio Lower Upper

43 100

61 30.1 24.8 37.2

87 13.9 10.7 16.1



#44

Trichloroethene

Concen: 21.349 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VY016726.D

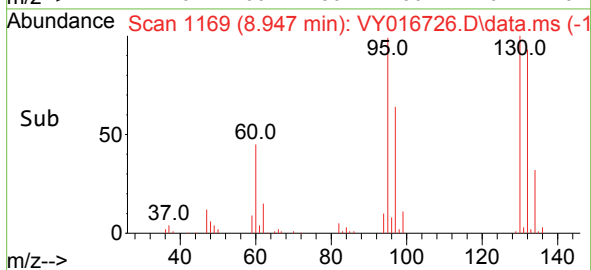
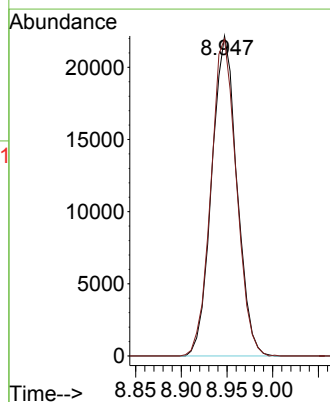
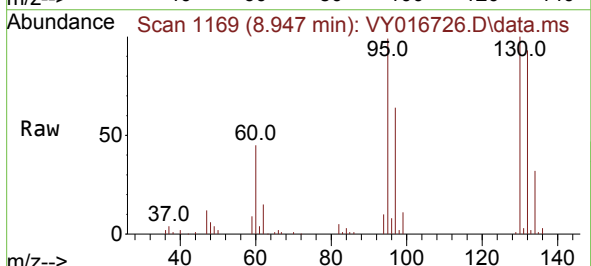
Acq: 20 Dec 2023 15:47

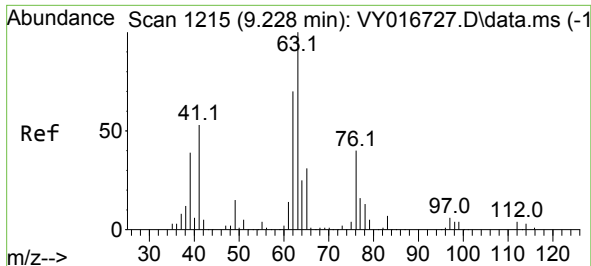
Tgt Ion:130 Resp: 42452

Ion Ratio Lower Upper

130 100

95 99.1 0.0 203.8





#45

1,2-Dichloropropane

Concen: 21.672 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

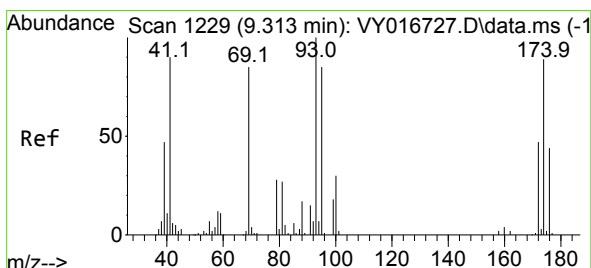
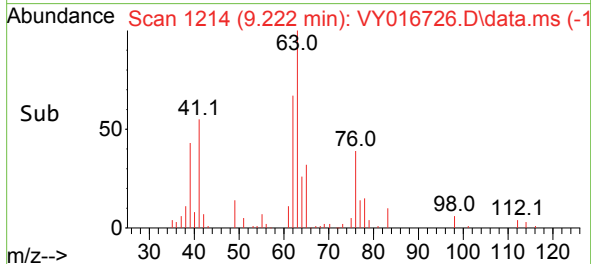
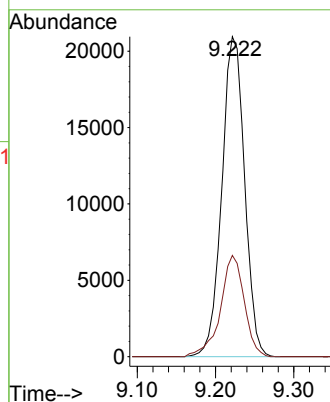
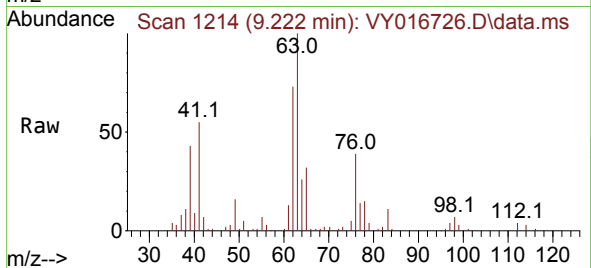
ClientSampleId :

Tgt Ion: 63 Resp: 42354

Ion Ratio Lower Upper

63 100

65 31.6 24.6 36.8



#46

Dibromomethane

Concen: 21.791 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

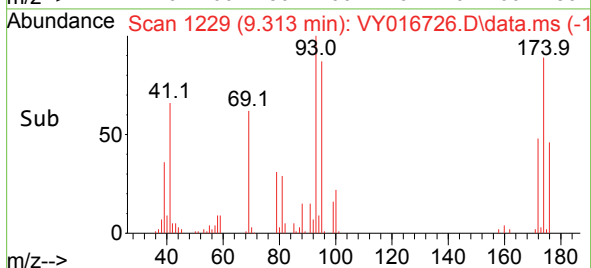
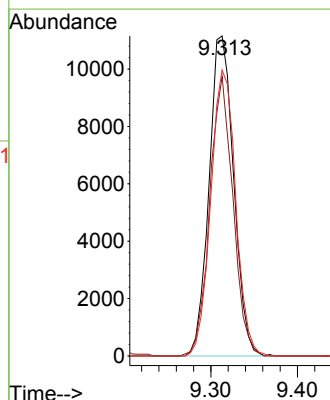
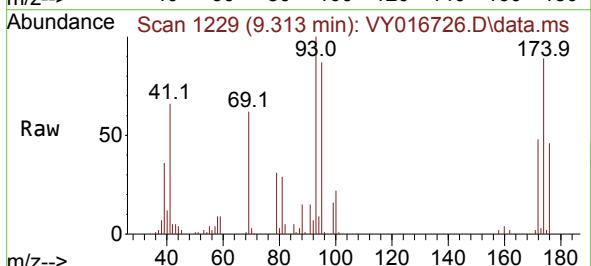
Tgt Ion: 93 Resp: 22000

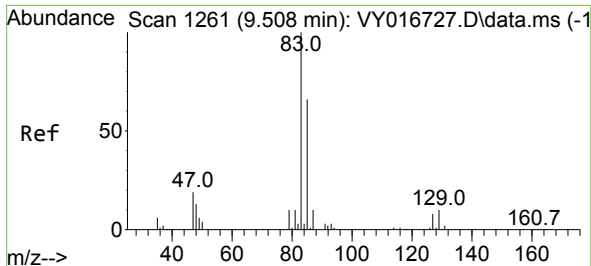
Ion Ratio Lower Upper

93 100

95 82.1 66.6 99.8

174 90.1 73.8 110.6

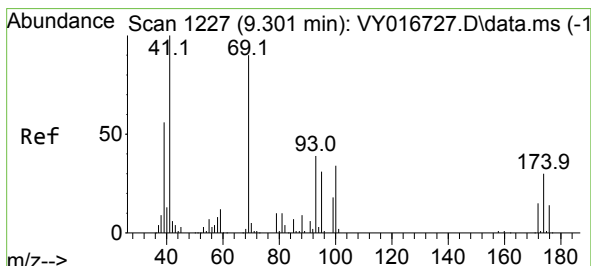
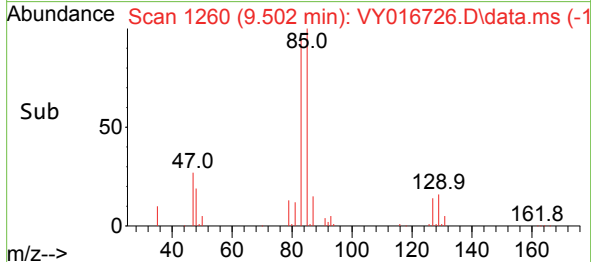
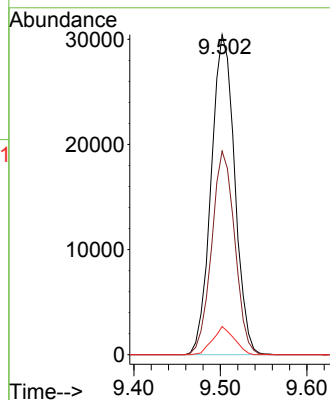
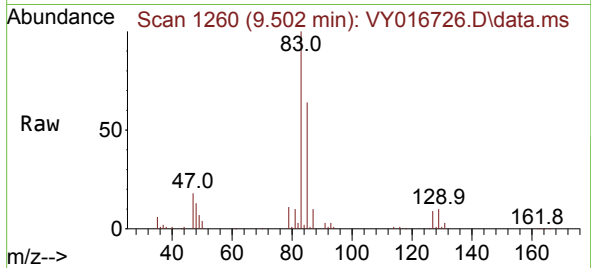




#47
Bromodichloromethane
Concen: 21.563 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

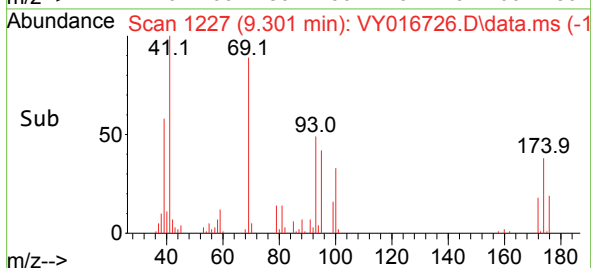
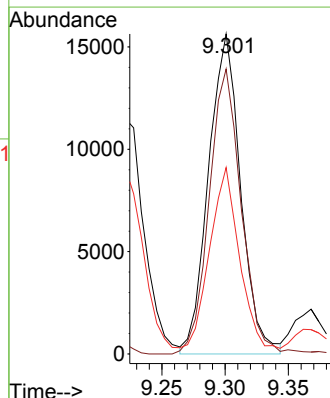
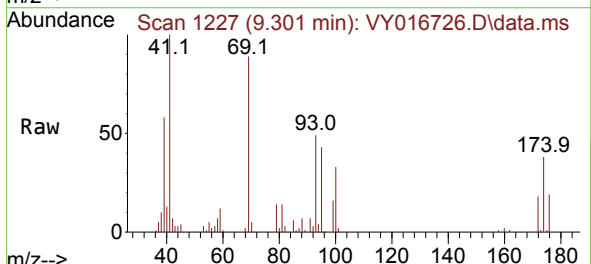
Instrument :
MSVOA_Y
ClientSampleId :

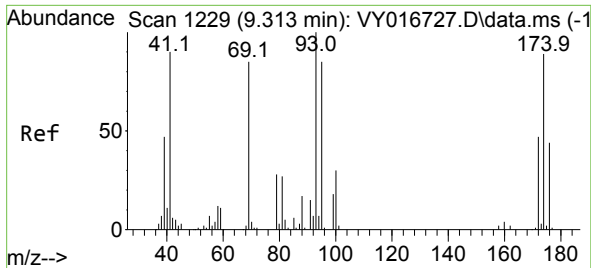
Tgt Ion: 83 Resp: 57378
Ion Ratio Lower Upper
83 100
85 63.6 53.2 79.8
127 8.8 6.4 9.6



#48
Methyl methacrylate
Concen: 22.118 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 41 Resp: 27649
Ion Ratio Lower Upper
41 100
69 89.1 72.1 108.1
39 52.0 42.8 64.2

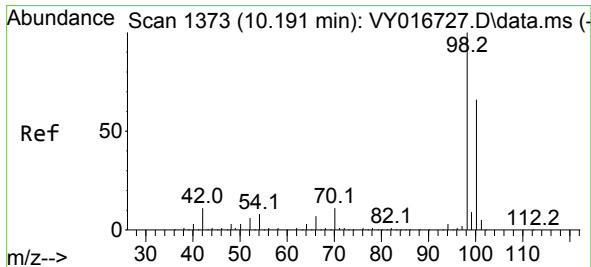
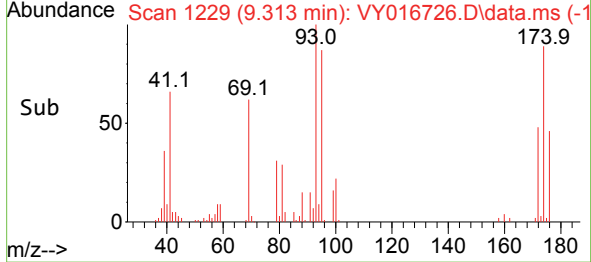
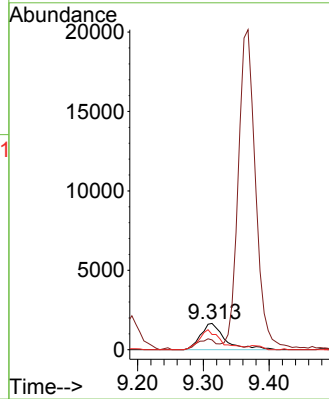
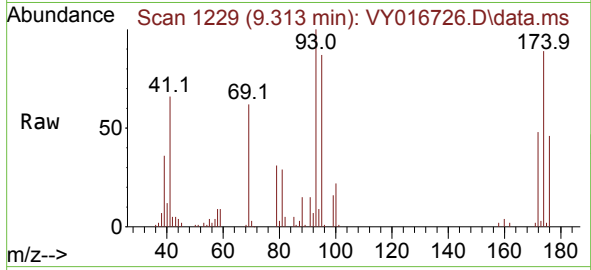




#49
1,4-Dioxane
Concen: 436.472 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

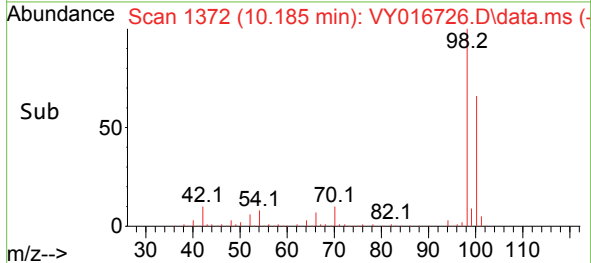
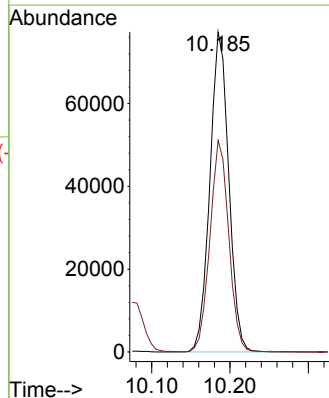
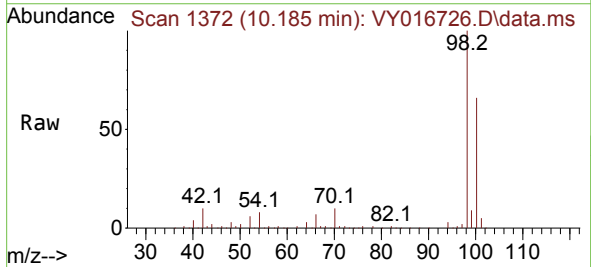
Instrument :
MSVOA_Y
ClientSampleId :

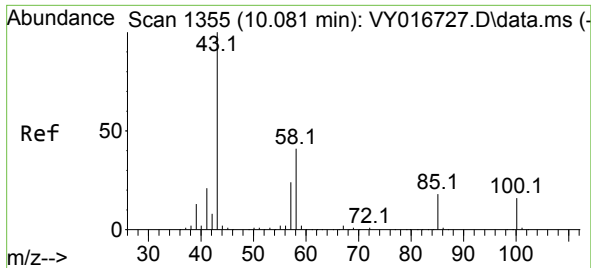
Tgt Ion: 88 Resp: 4277
Ion Ratio Lower Upper
88 100
43 32.0 28.2 42.4
58 67.1 52.2 78.2



#50
Toluene-d8
Concen: 21.437 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 98 Resp: 129052
Ion Ratio Lower Upper
98 100
100 66.1 52.3 78.5

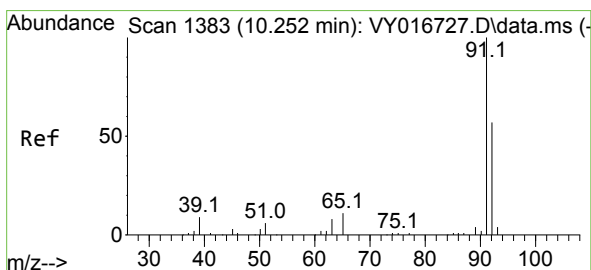
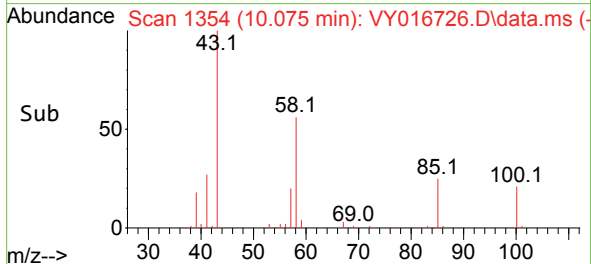
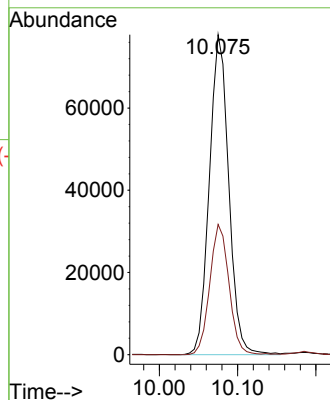
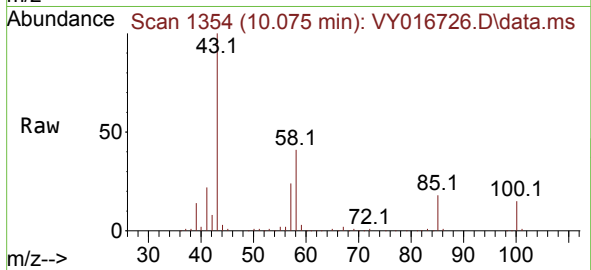




#51
4-Methyl-2-Pentanone
Concen: 112.763 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

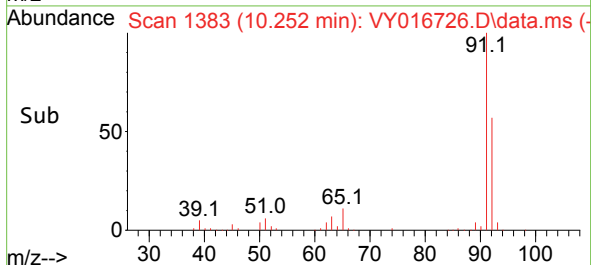
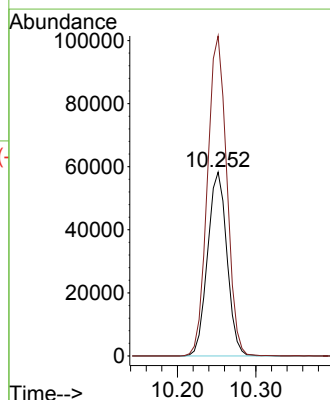
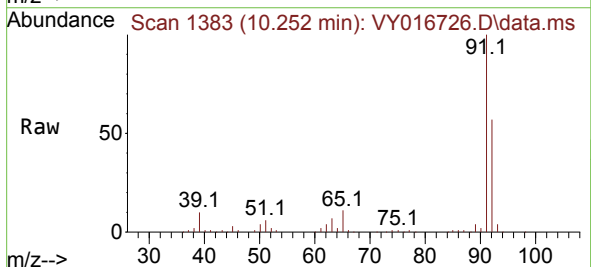
Instrument :
MSVOA_Y
ClientSampleId :

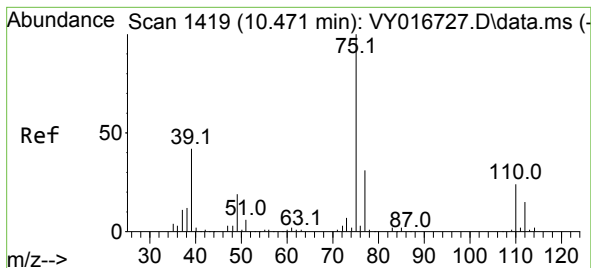
Tgt Ion: 43 Resp: 133905
Ion Ratio Lower Upper
43 100
58 40.4 32.2 48.2



#52
Toluene
Concen: 21.408 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 92 Resp: 99950
Ion Ratio Lower Upper
92 100
91 173.8 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 21.705 ug/l

RT: 10.471 min Scan# 1419

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

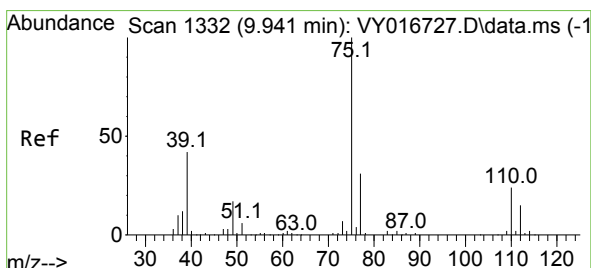
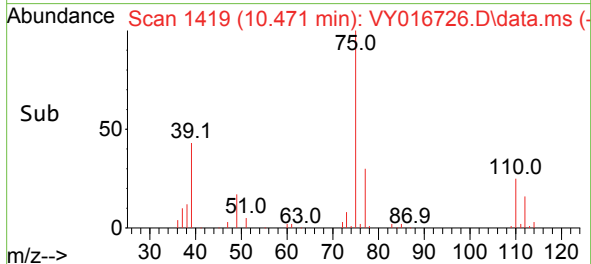
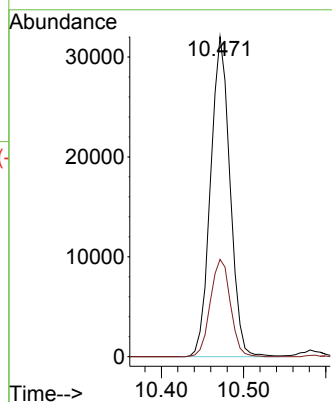
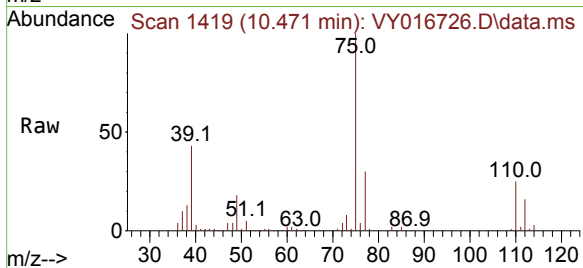
ClientSampleId :

Tgt Ion: 75 Resp: 52664

Ion Ratio Lower Upper

75 100

77 30.4 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 21.352 ug/l

RT: 9.935 min Scan# 1331

Delta R.T. -0.006 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

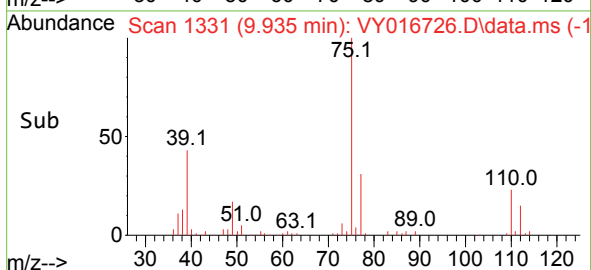
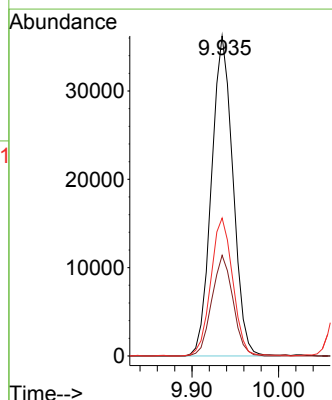
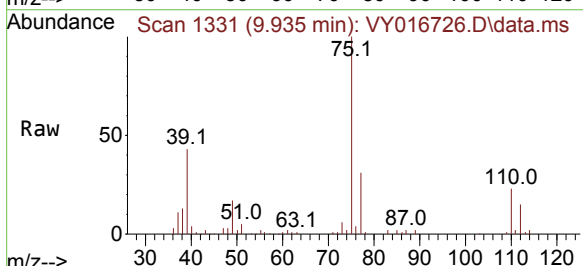
Tgt Ion: 75 Resp: 62491

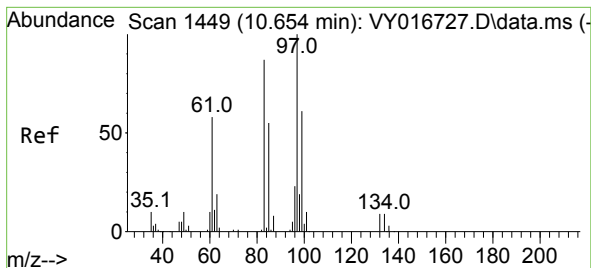
Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 43.1 33.6 50.4

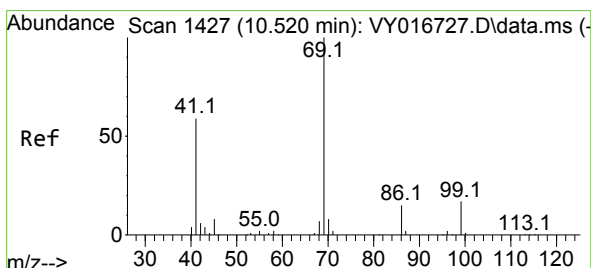
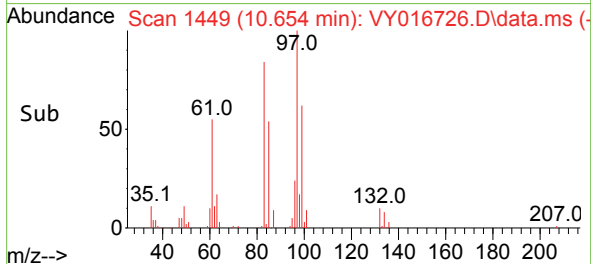
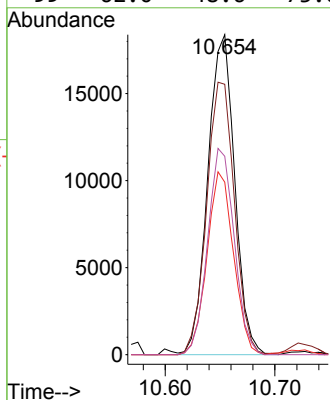
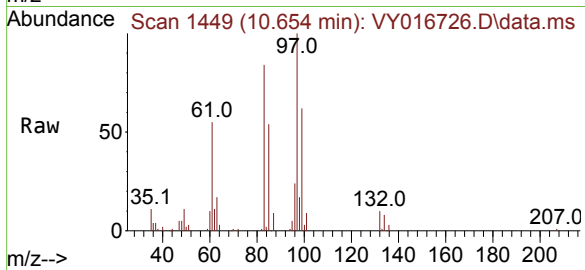




#55
1,1,2-Trichloroethane
Concen: 21.763 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

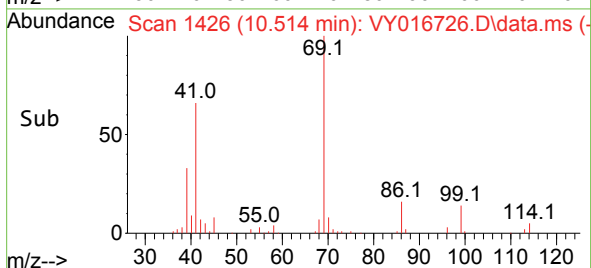
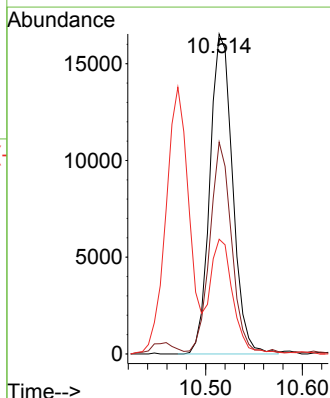
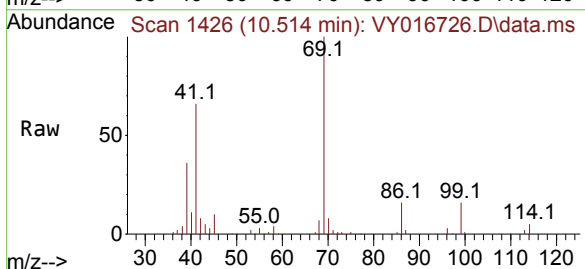
Instrument :
MSVOA_Y
ClientSampleId :

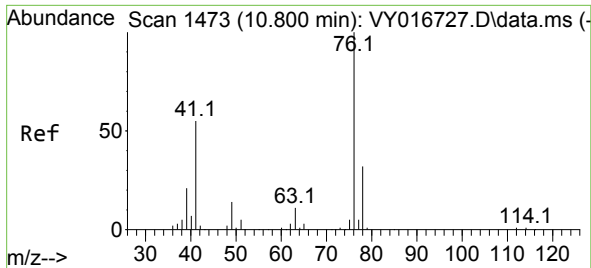
Tgt Ion:	97	Resp:	31348
Ion	Ratio	Lower	Upper
97	100		
83	84.5	69.4	104.2
85	53.9	43.9	65.9
99	62.0	48.6	73.0



#56
Ethyl methacrylate
Concen: 21.316 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

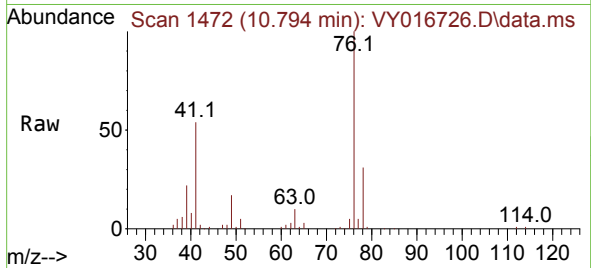
Tgt Ion:	69	Resp:	27000
Ion	Ratio	Lower	Upper
69	100		
41	63.1	49.2	73.8
39	35.1	26.8	40.2



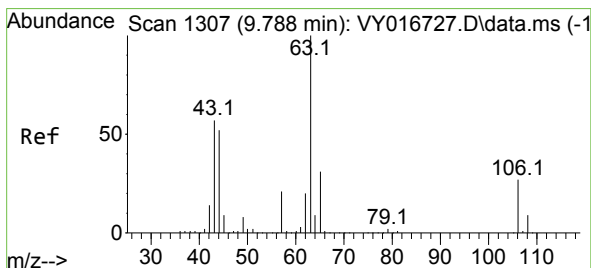
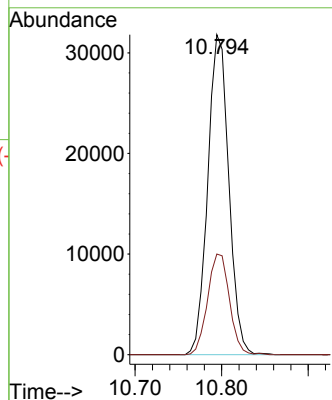
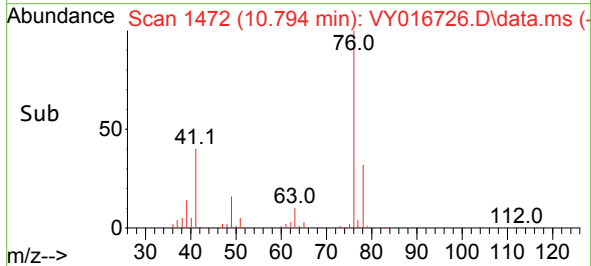


#57
1,3-Dichloropropane
Concen: 21.912 ug/l
RT: 10.794 min Scan# 1473
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Instrument :
MSVOA_Y
ClientSampleId :

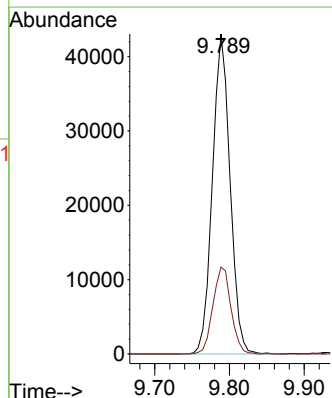
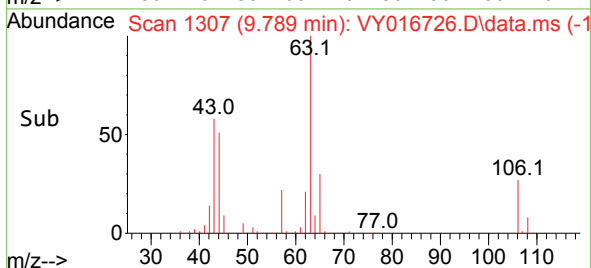
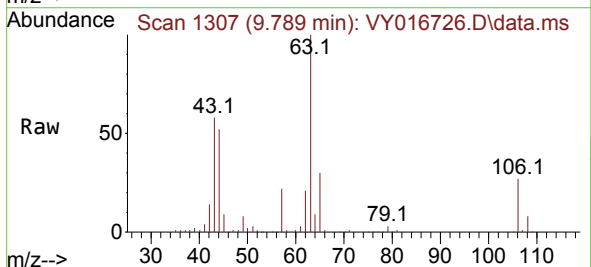


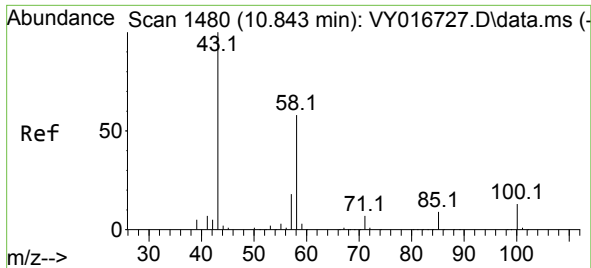
Tgt Ion: 76 Resp: 53611
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 82.087 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.001 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 63 Resp: 70544
Ion Ratio Lower Upper
63 100
106 27.7 22.4 33.6

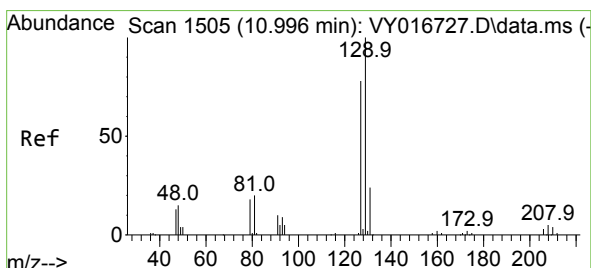
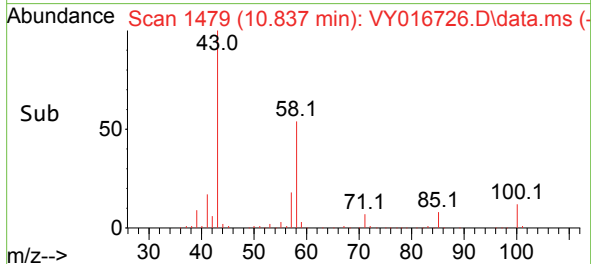
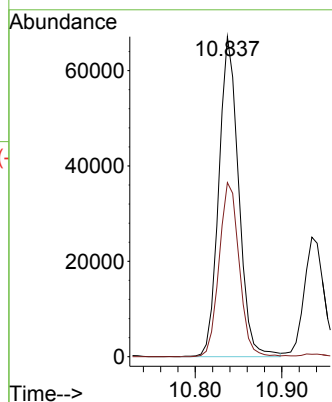
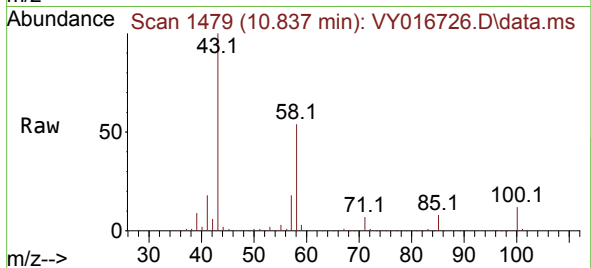




#59
2-Hexanone
Concen: 120.519 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

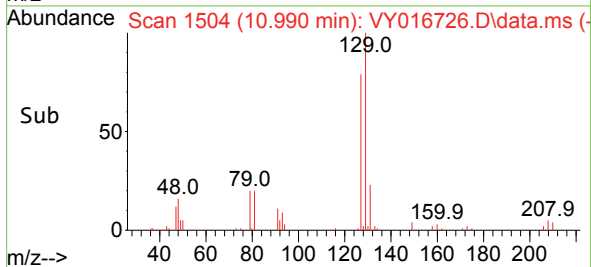
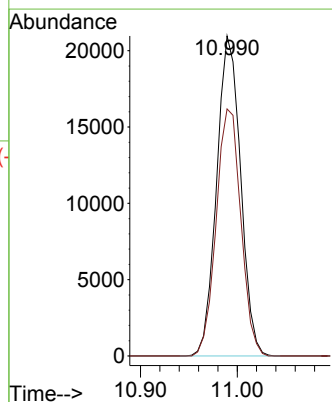
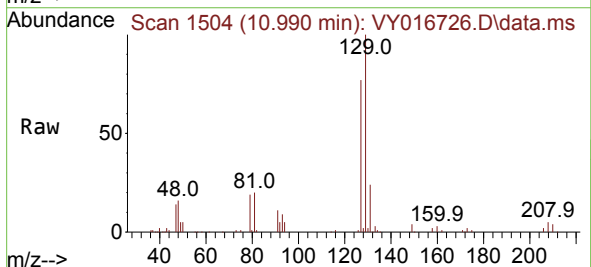
Instrument :
MSVOA_Y
ClientSampleId :

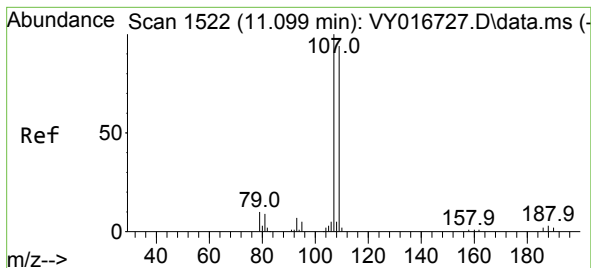
Tgt Ion: 43 Resp: 106715
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.3



#60
Dibromochloromethane
Concen: 21.595 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion:129 Resp: 35985
Ion Ratio Lower Upper
129 100
127 79.5 39.2 117.6





#61

1,2-Dibromoethane

Concen: 21.824 ug/l

RT: 11.093 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

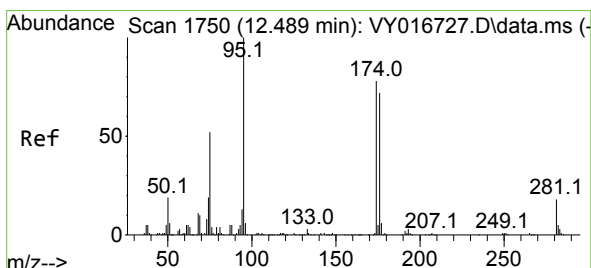
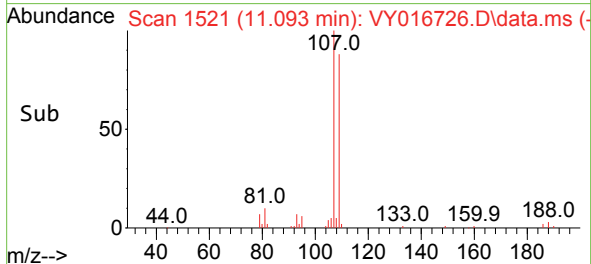
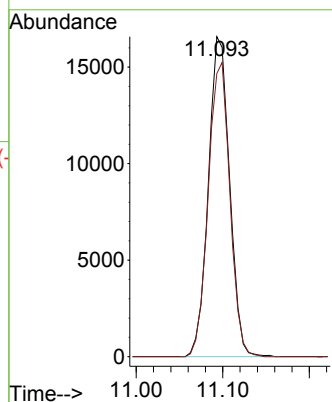
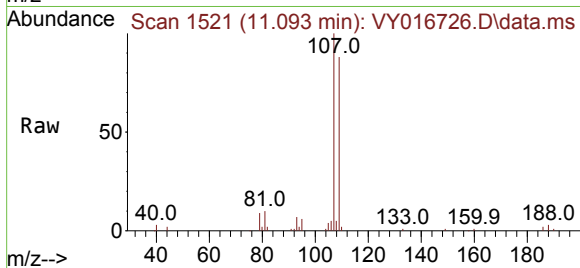
ClientSampleId :

Tgt Ion:107 Resp: 28192

Ion Ratio Lower Upper

107 100

109 93.7 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 21.650 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

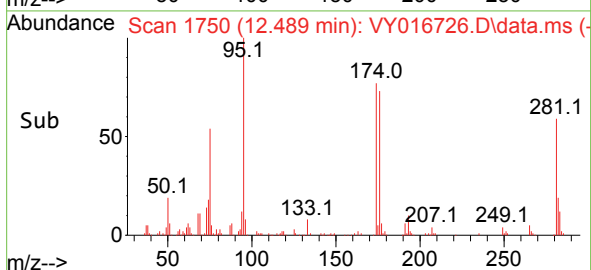
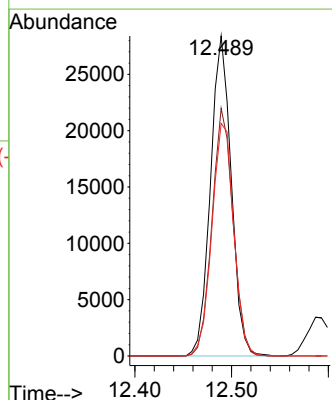
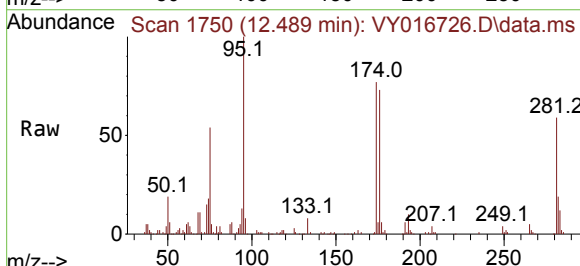
Tgt Ion: 95 Resp: 42284

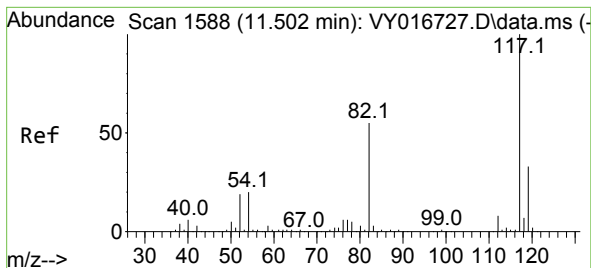
Ion Ratio Lower Upper

95 100

174 78.2 0.0 160.0

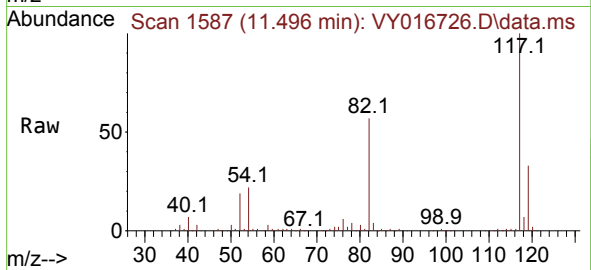
176 76.7 0.0 151.8



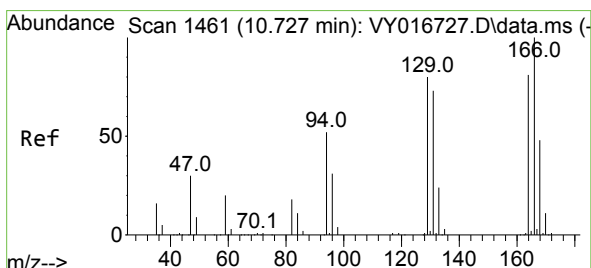
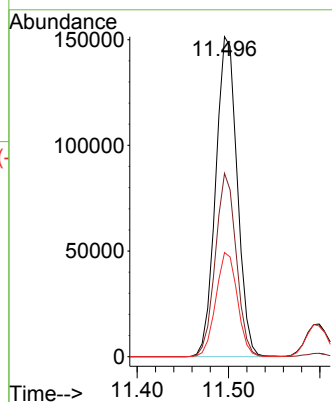
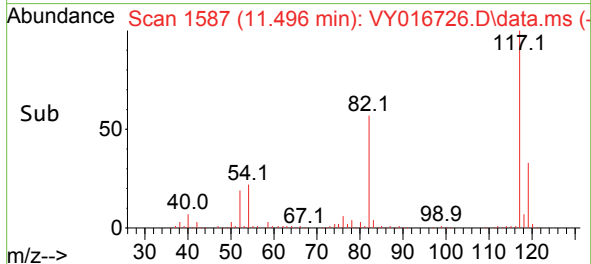


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

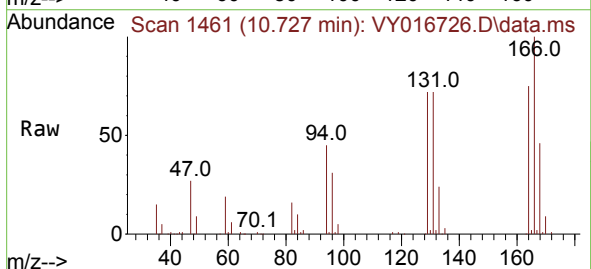
Instrument :
MSVOA_Y
ClientSampleId :



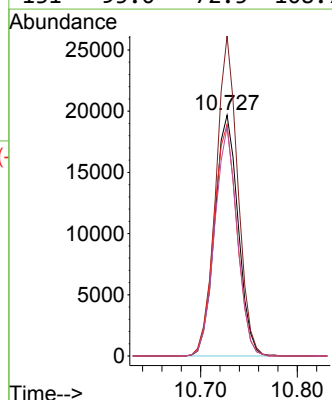
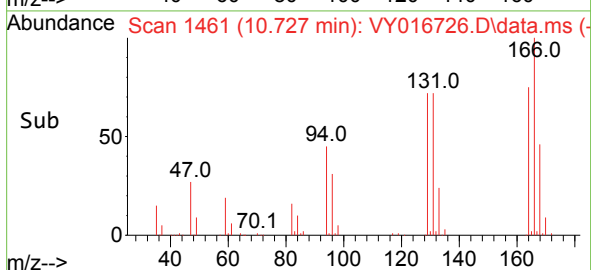
Tgt Ion:117 Resp: 247782
Ion Ratio Lower Upper
117 100
82 57.3 43.8 65.8
119 32.5 26.5 39.7

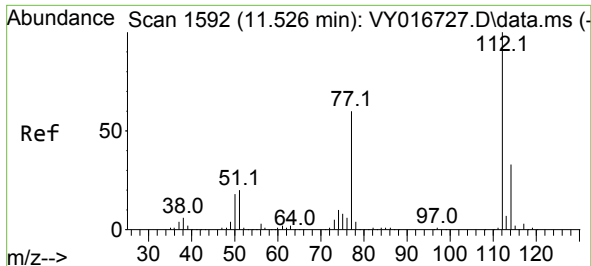


#64
Tetrachloroethene
Concen: 21.405 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47



Tgt Ion:164 Resp: 32947
Ion Ratio Lower Upper
164 100
166 132.9 98.8 148.2
129 96.2 78.9 118.3
131 95.0 72.5 108.7

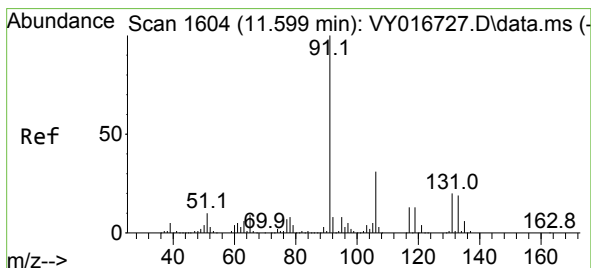
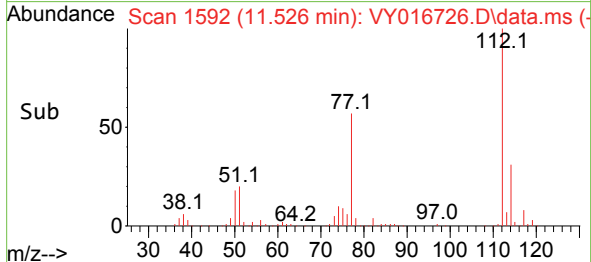
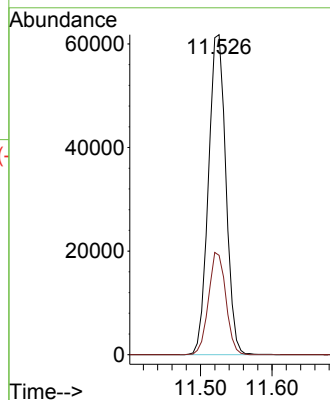
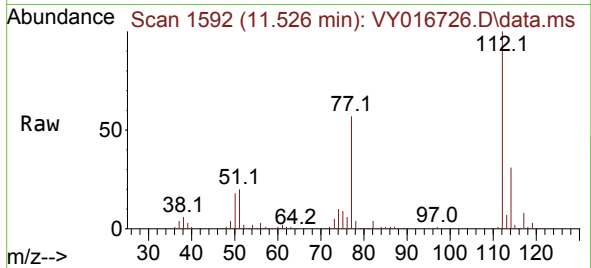




#65
Chlorobenzene
Concen: 21.474 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

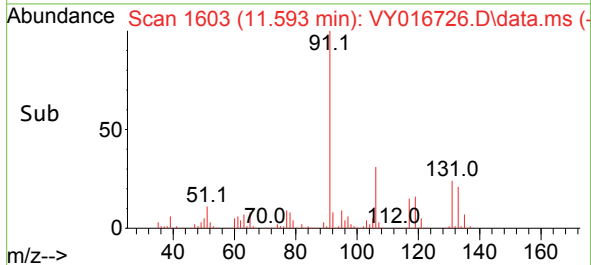
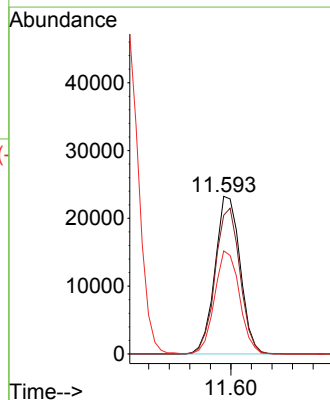
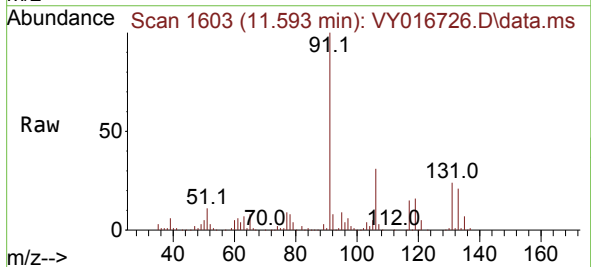
Instrument :
MSVOA_Y
ClientSampleId :

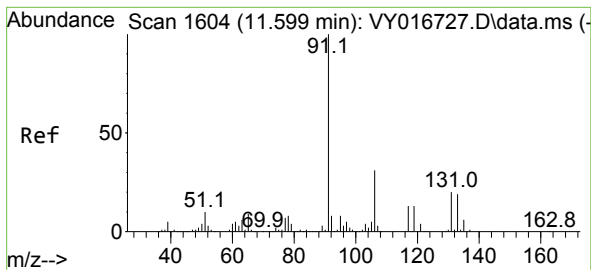
Tgt Ion:112 Resp: 104542
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.548 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion:131 Resp: 39468
Ion Ratio Lower Upper
131 100
133 91.4 47.0 141.0
119 64.6 33.3 99.9





#67

Ethyl Benzene

Concen: 21.045 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

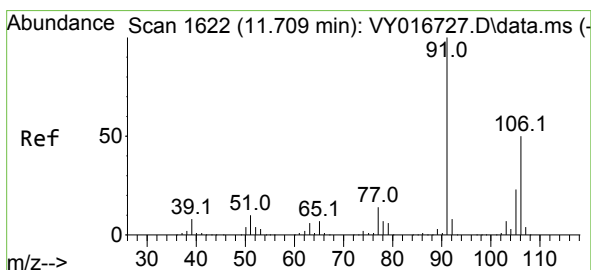
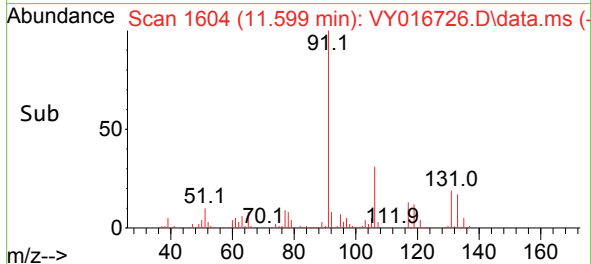
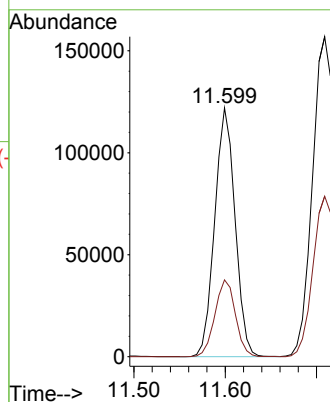
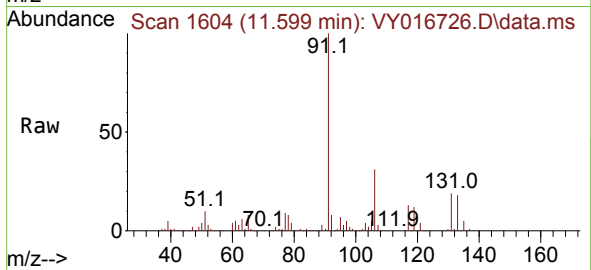
ClientSampleId :

Tgt Ion: 91 Resp: 188570

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



#68

m/p-Xylenes

Concen: 43.044 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016726.D

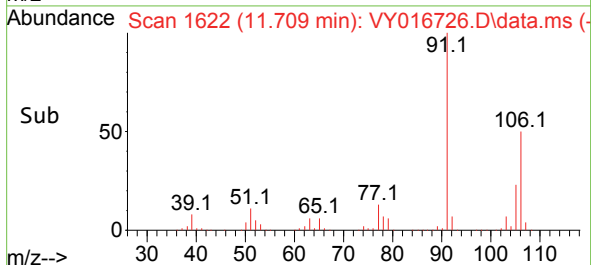
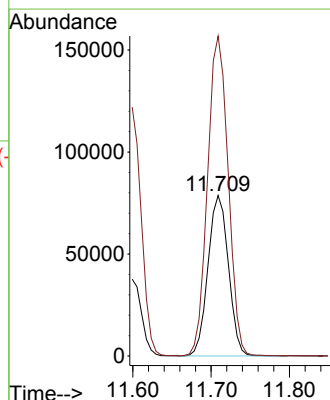
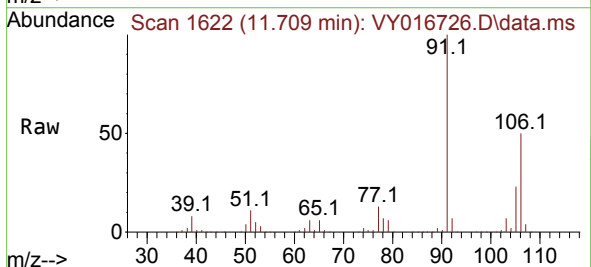
Acq: 20 Dec 2023 15:47

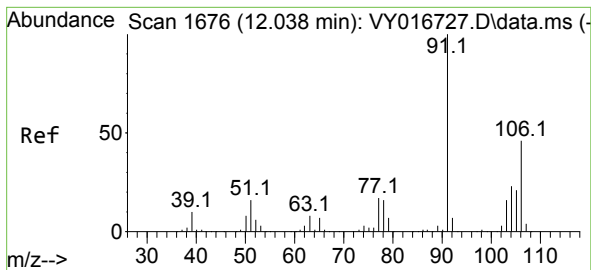
Tgt Ion:106 Resp: 142424

Ion Ratio Lower Upper

106 100

91 201.4 160.7 241.1

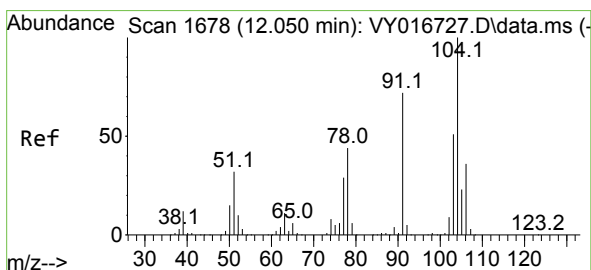
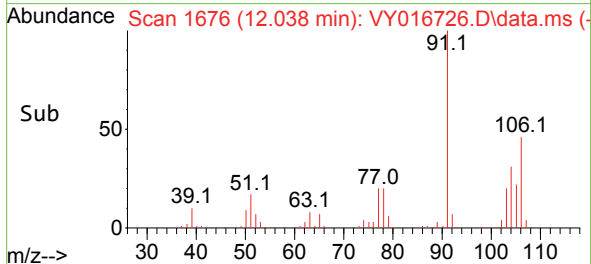
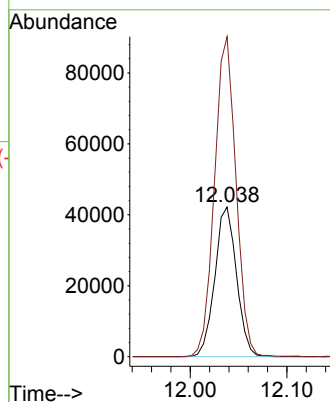
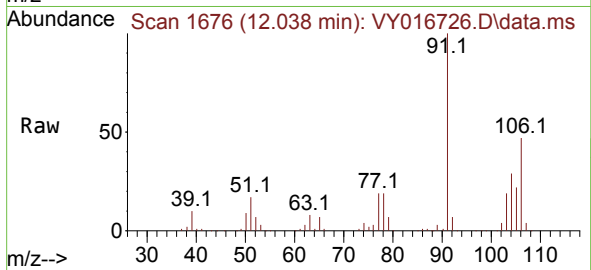




#69
o-Xylene
Concen: 21.569 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

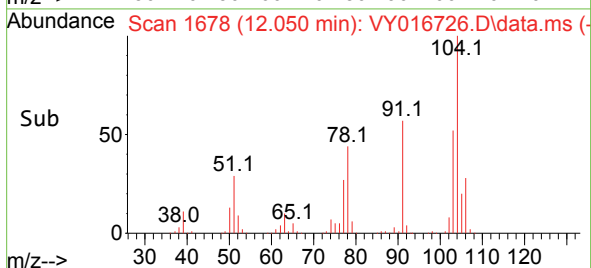
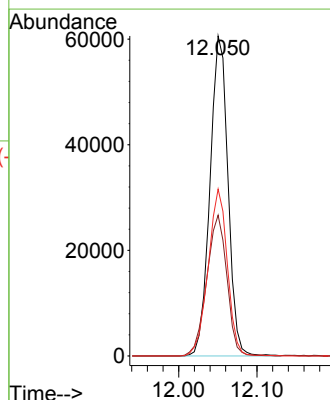
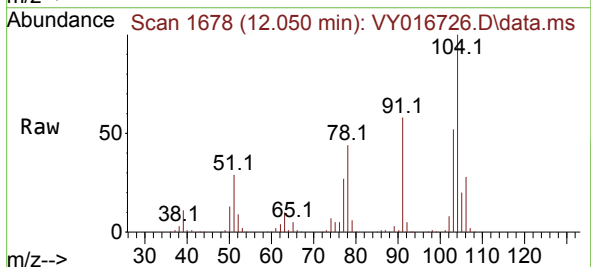
Instrument :
MSVOA_Y
ClientSampleId :

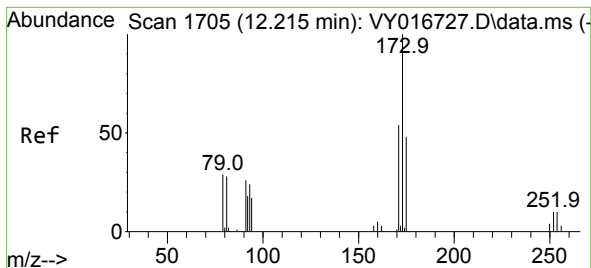
Tgt Ion:106 Resp: 65473
Ion Ratio Lower Upper
106 100
91 212.7 106.5 319.5



#70
Styrene
Concen: 21.548 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion:104 Resp: 96788
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 55.7 43.8 65.6





#71

Bromoform

Concen: 21.273 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

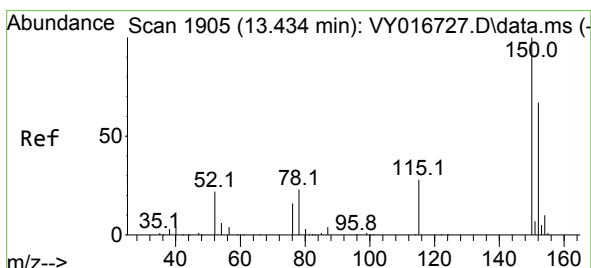
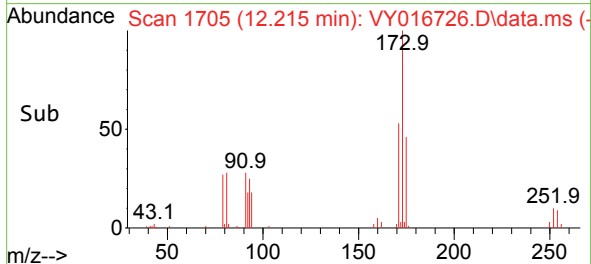
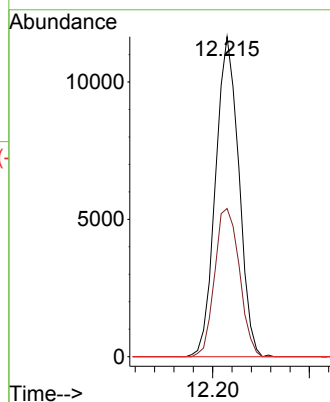
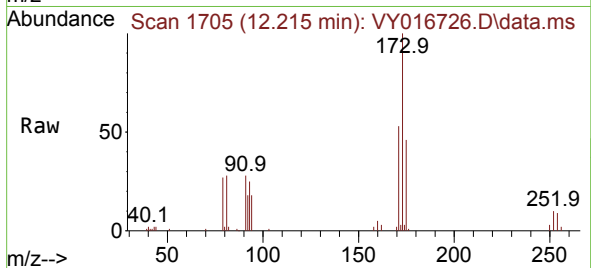
Tgt Ion:173 Resp: 19426

Ion Ratio Lower Upper

173 100

175 49.1 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

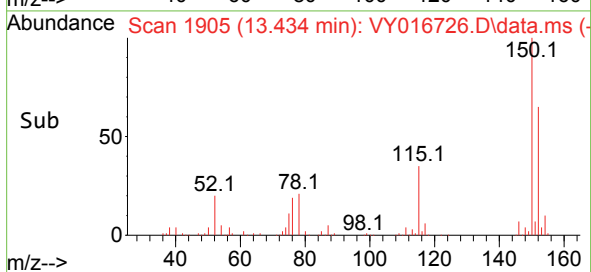
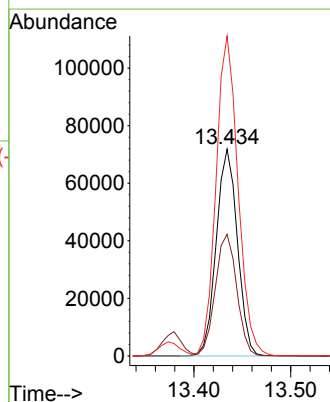
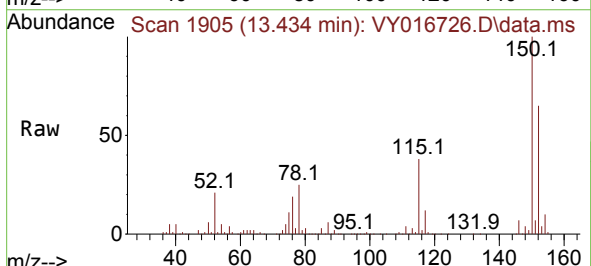
Tgt Ion:152 Resp: 109013

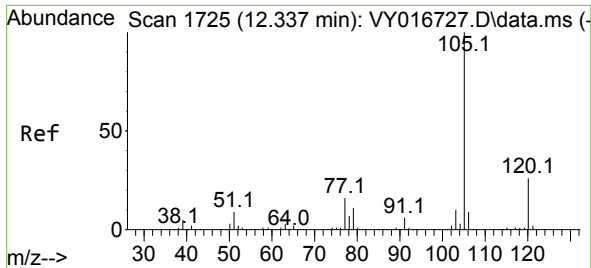
Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 161.0 0.0 344.6

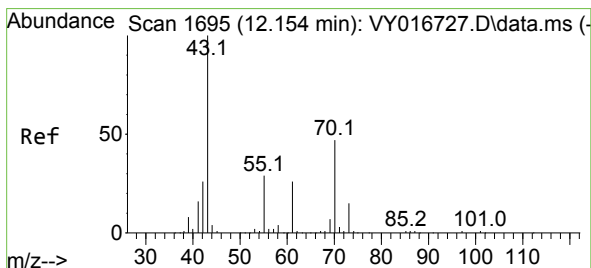
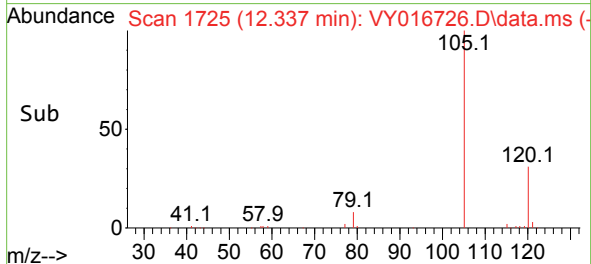
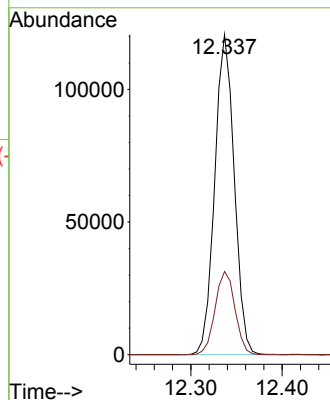
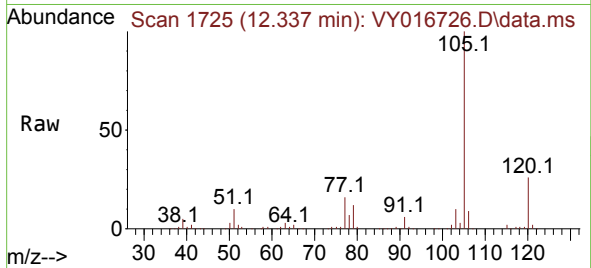




#73
Isopropylbenzene
Concen: 21.072 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

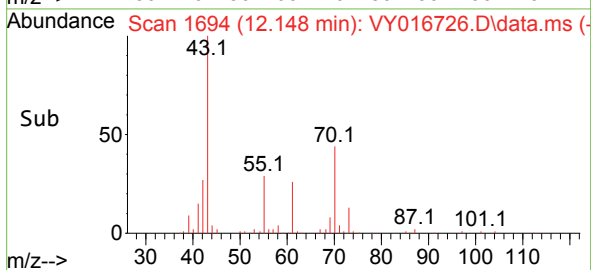
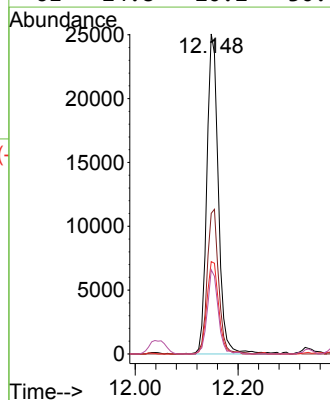
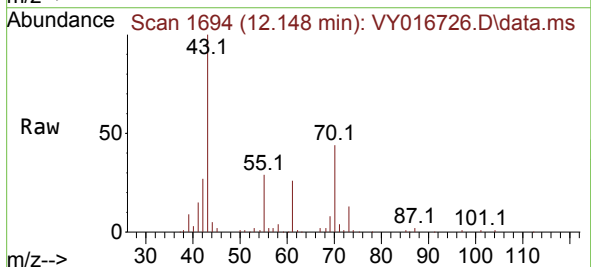
Instrument :
MSVOA_Y
ClientSampleId :

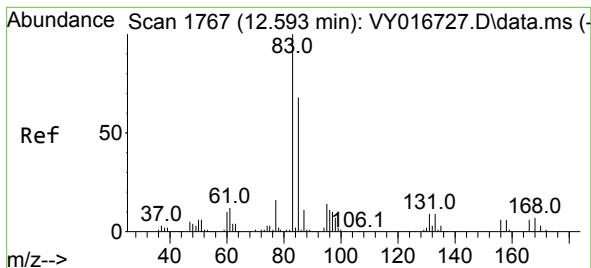
Tgt Ion:105 Resp: 178902
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0



#74
N-ethyl acetate
Concen: 21.820 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 43 Resp: 38989
Ion Ratio Lower Upper
43 100
70 44.8 36.6 55.0
55 29.6 22.2 33.4
61 24.8 20.2 30.4

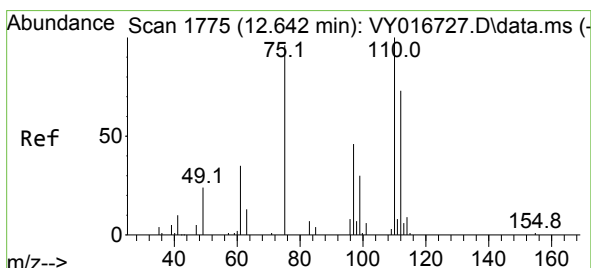
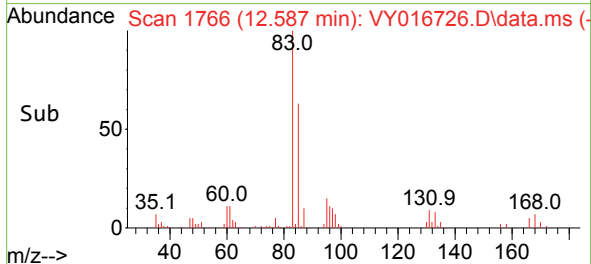
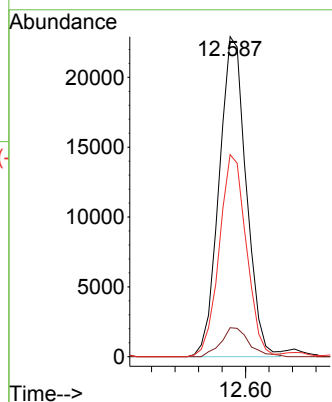
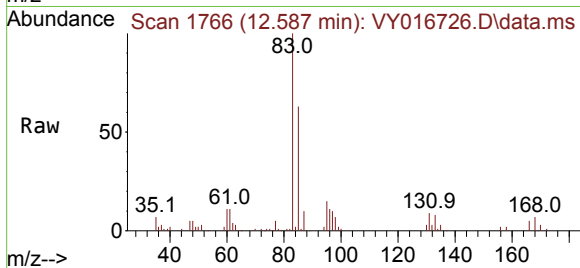




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.675 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. -0.006 min
 Lab File: VY016726.D
 Acq: 20 Dec 2023 15:47

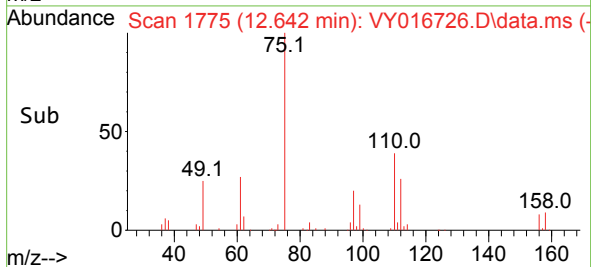
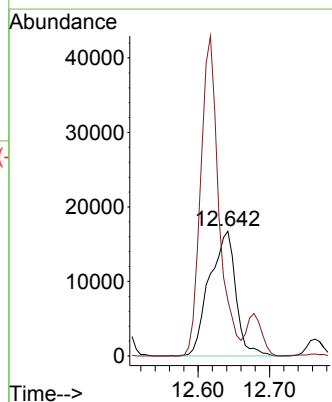
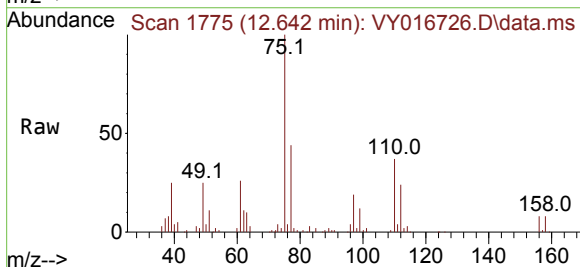
Instrument :
 MSVOA_Y
 ClientSampleId :

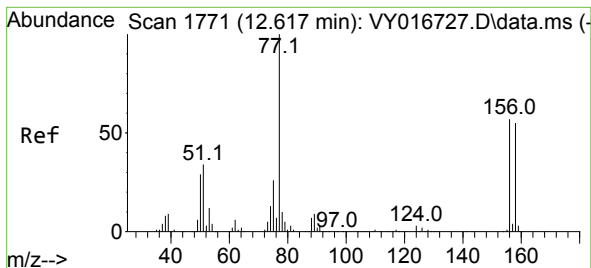
Tgt Ion: 83 Resp: 36774
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.9 14.6
 85 63.1 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 35.519 ug/l
 RT: 12.642 min Scan# 1775
 Delta R.T. 0.000 min
 Lab File: VY016726.D
 Acq: 20 Dec 2023 15:47

Tgt Ion: 75 Resp: 42870
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.542 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

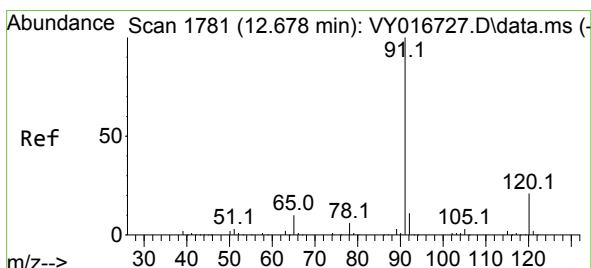
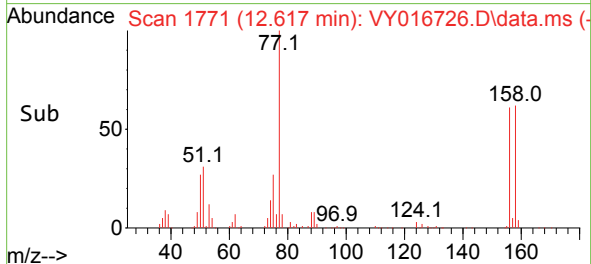
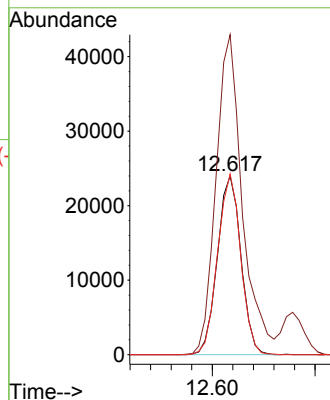
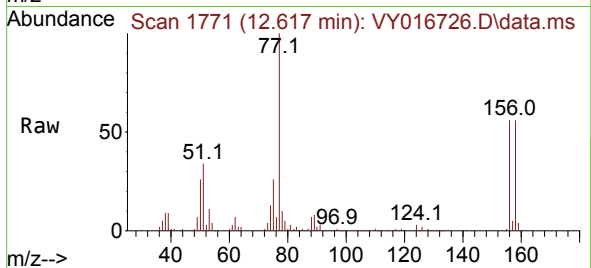
Tgt Ion:156 Resp: 38048

Ion Ratio Lower Upper

156 100

77 200.5 97.3 291.8

158 99.2 48.4 145.0



#78

n-propylbenzene

Concen: 21.245 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016726.D

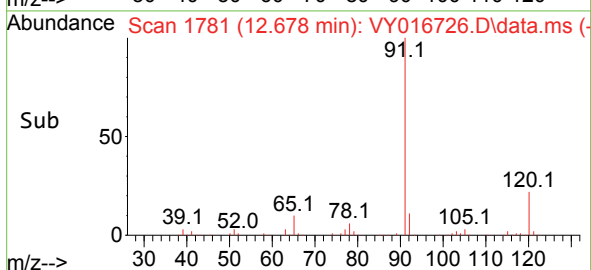
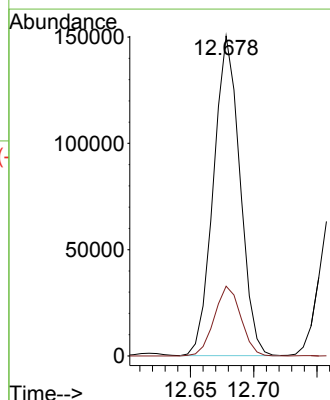
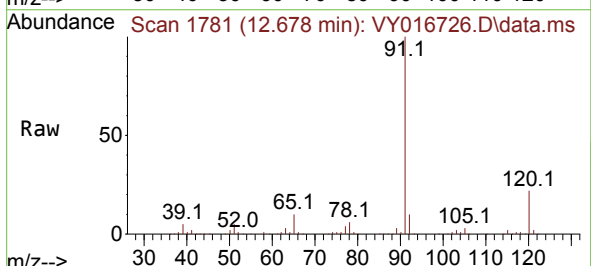
Acq: 20 Dec 2023 15:47

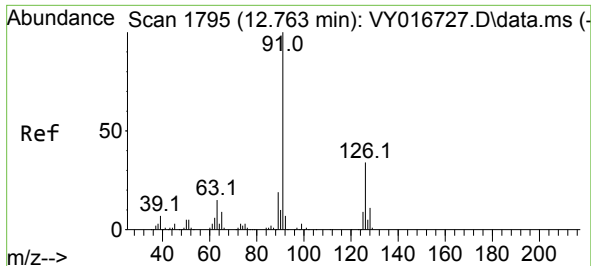
Tgt Ion: 91 Resp: 218540

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0

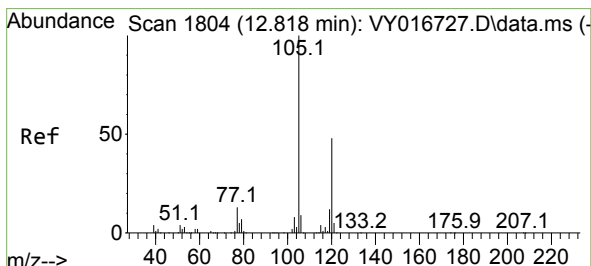
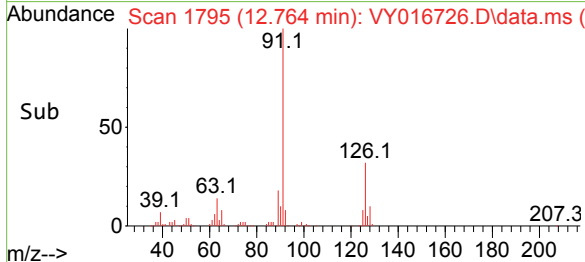
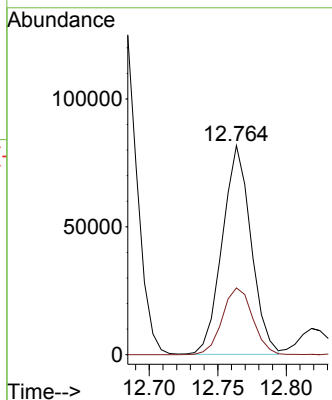
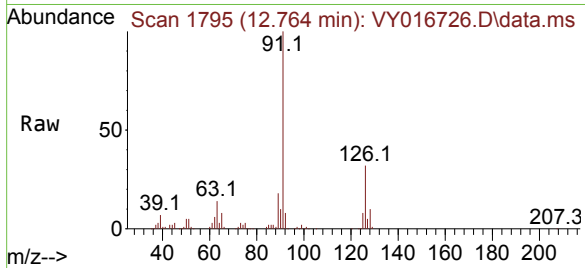




#79
2-Chlorotoluene
Concen: 21.000 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

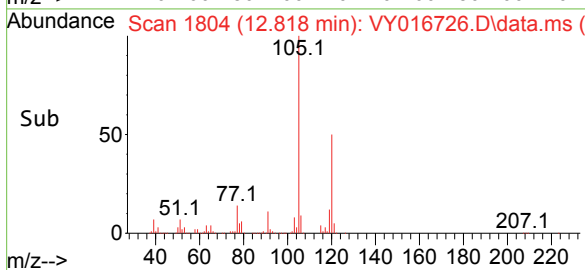
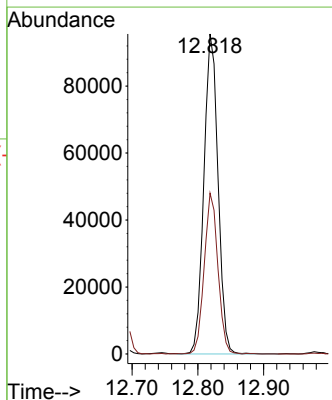
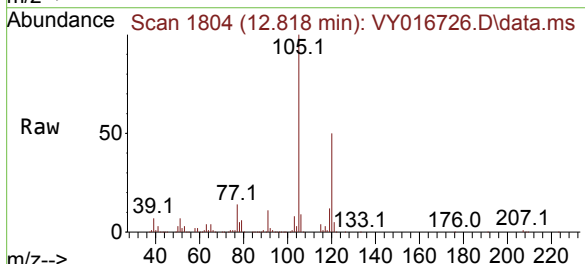
Instrument :
MSVOA_Y
ClientSampleId :

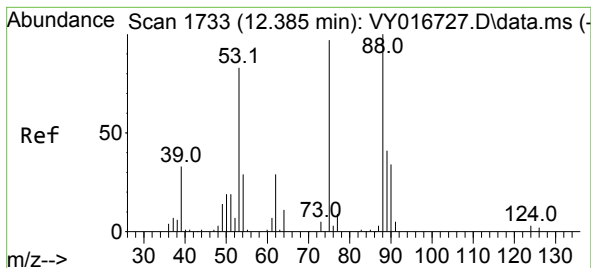
Tgt Ion: 91 Resp: 119530
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.295 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 105 Resp: 143113
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

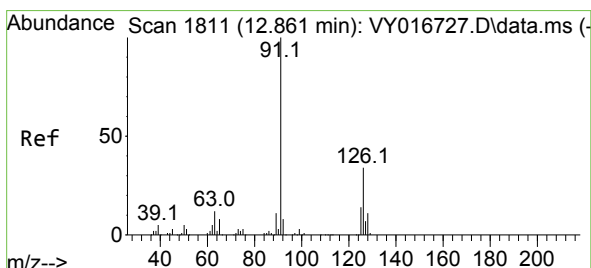
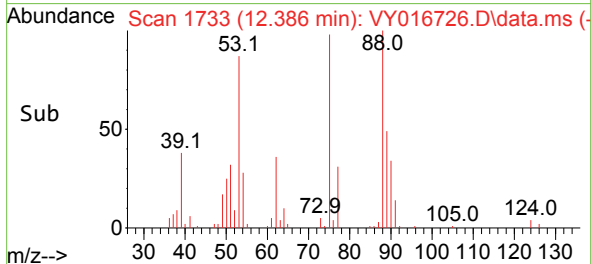
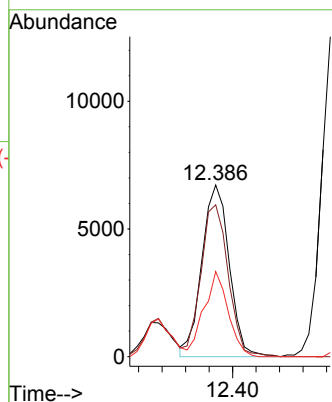
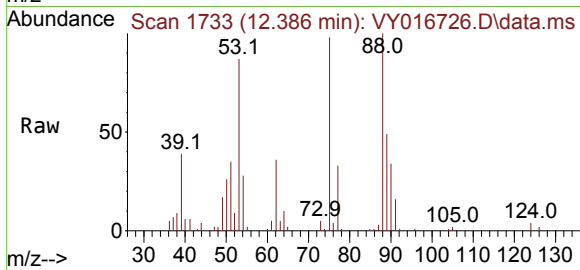




#81
trans-1,4-Dichloro-2-butene
Concen: 21.224 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

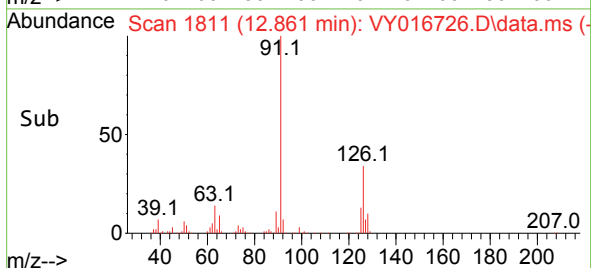
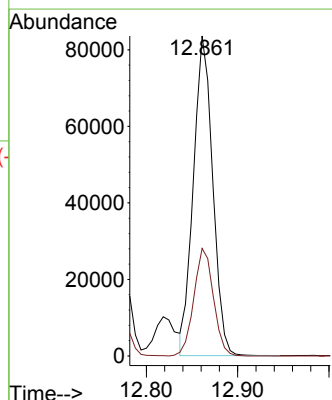
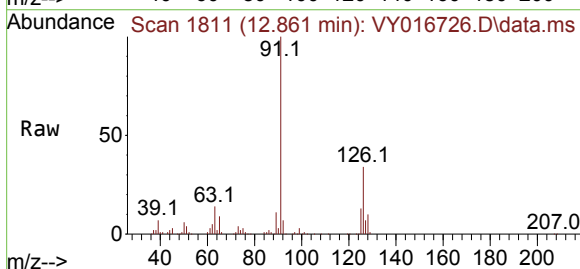
Instrument :
MSVOA_Y
ClientSampleId :

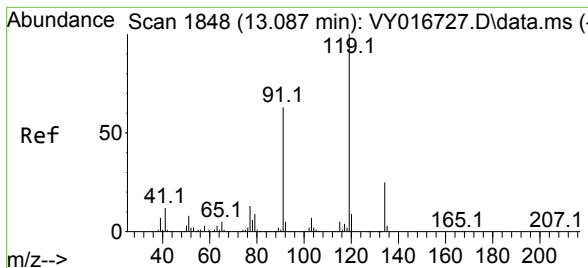
Tgt Ion: 75 Resp: 10891
Ion Ratio Lower Upper
75 100
53 88.4 74.0 111.0
89 43.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.994 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion: 91 Resp: 122593
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2

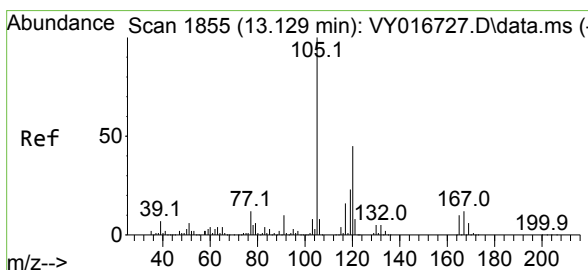
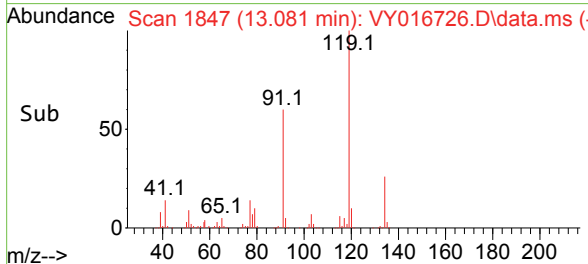
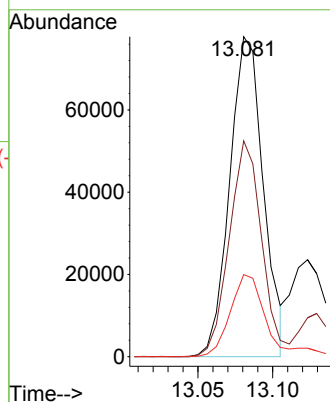
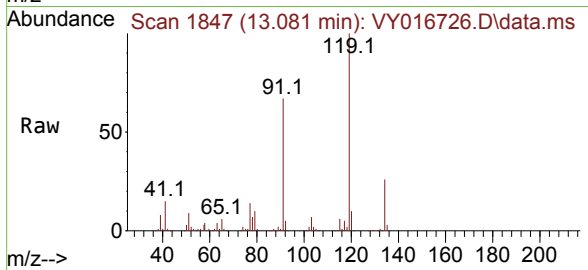




#83
tert-Butylbenzene
Concen: 20.839 ug/l
RT: 13.081 min Scan# 119
Delta R.T. -0.006 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

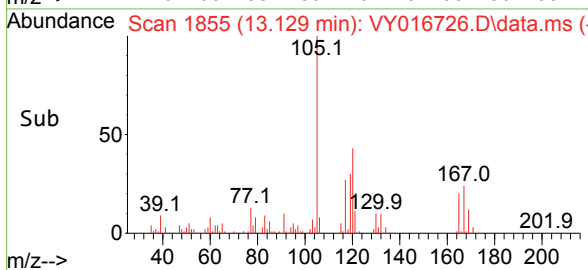
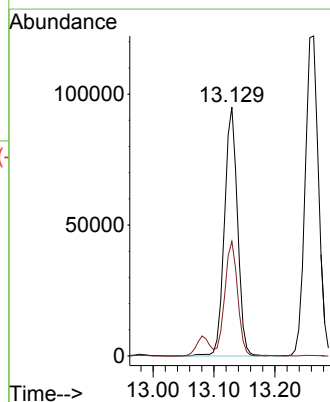
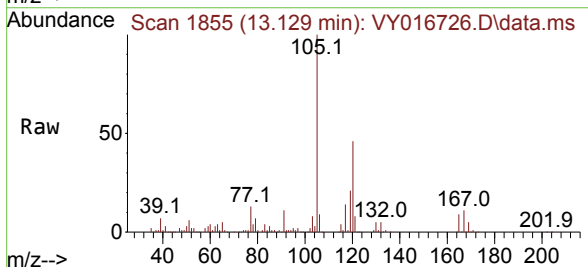
Instrument :
MSVOA_Y
ClientSampleId :

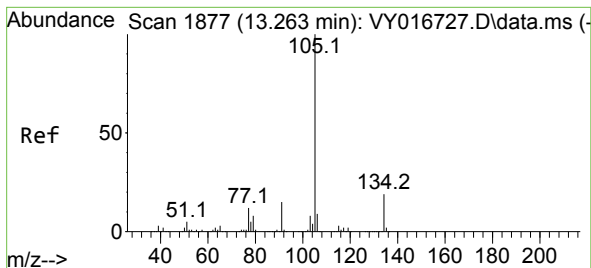
Tgt Ion:119 Resp: 121823
Ion Ratio Lower Upper
119 100
91 65.1 31.5 94.5
134 27.5 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 21.349 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY016726.D
Acq: 20 Dec 2023 15:47

Tgt Ion:105 Resp: 141480
Ion Ratio Lower Upper
105 100
120 45.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 21.422 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

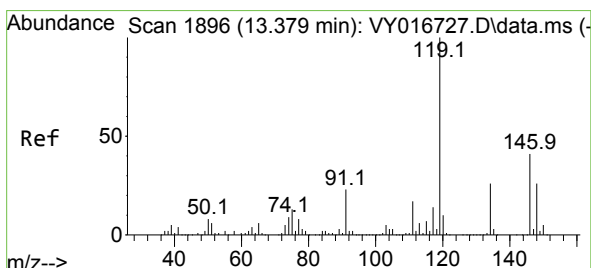
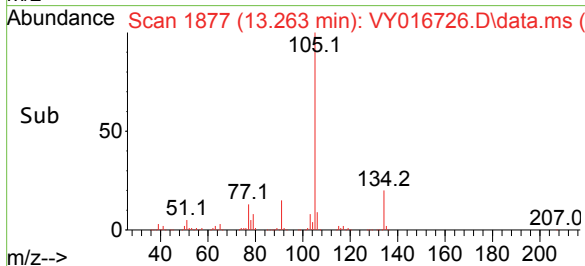
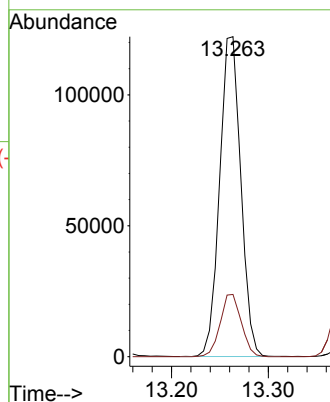
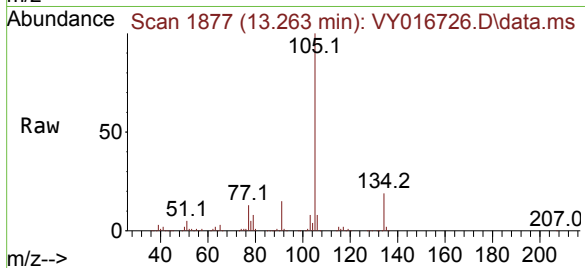
ClientSampleId :

Tgt Ion:105 Resp: 185486

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.467 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

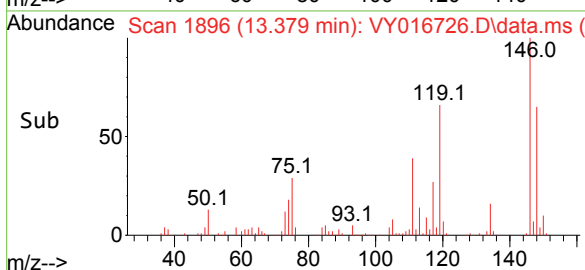
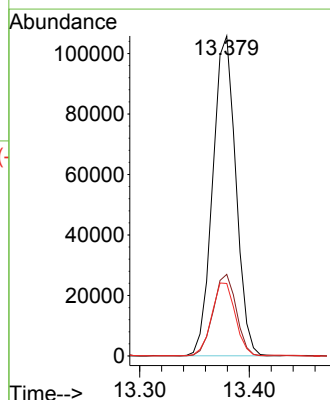
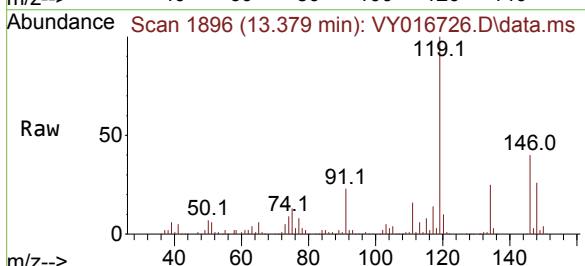
Tgt Ion:119 Resp: 154794

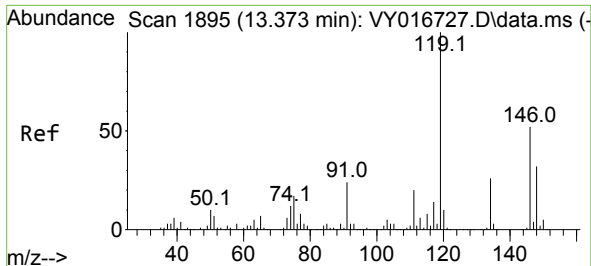
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.1

91 23.2 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.863 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

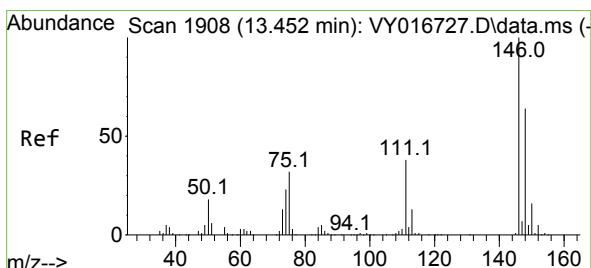
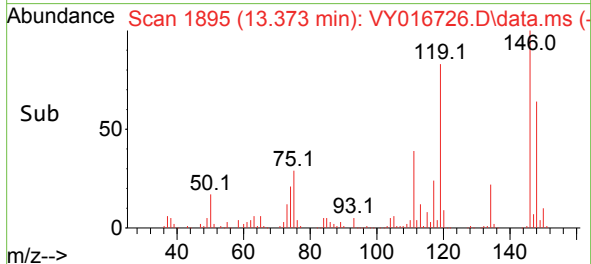
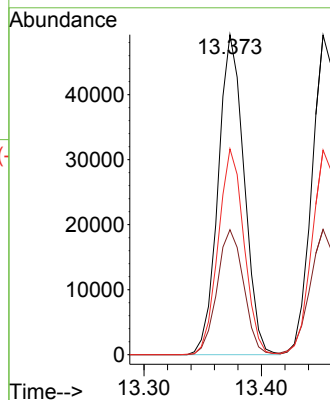
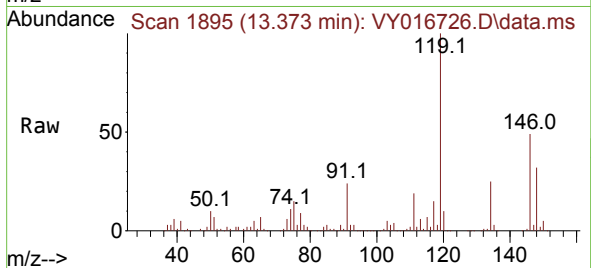
Tgt Ion:146 Resp: 75516

Ion Ratio Lower Upper

146 100

111 39.9 20.2 60.5

148 64.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.078 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

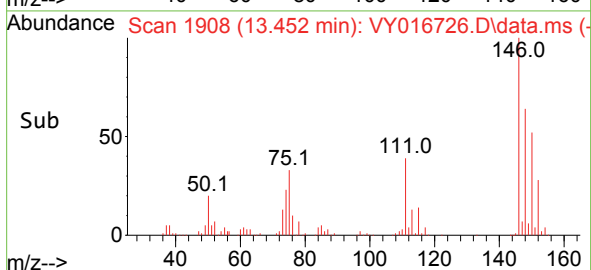
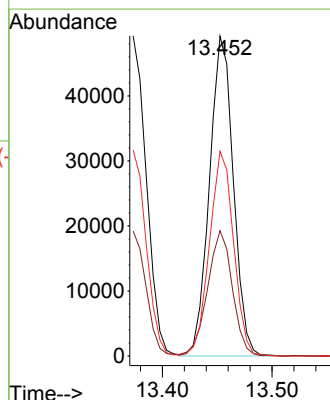
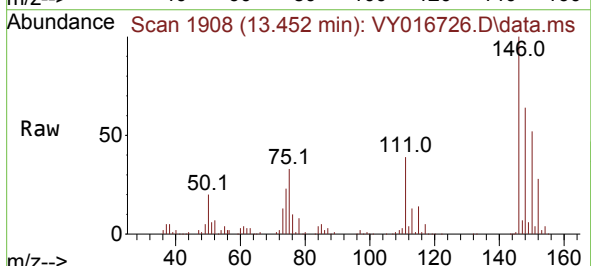
Tgt Ion:146 Resp: 74498

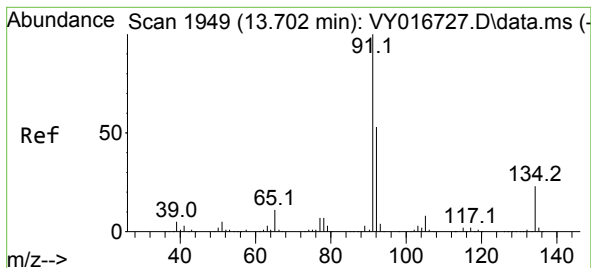
Ion Ratio Lower Upper

146 100

111 40.7 19.3 57.9

148 64.6 31.6 94.7





#89

n-Butylbenzene

Concen: 21.595 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

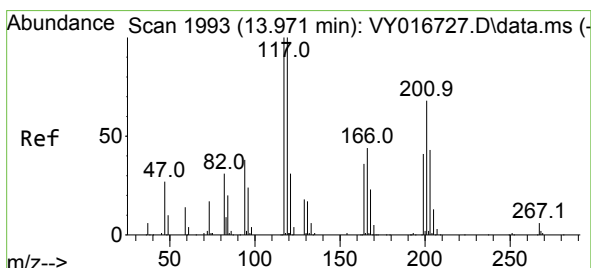
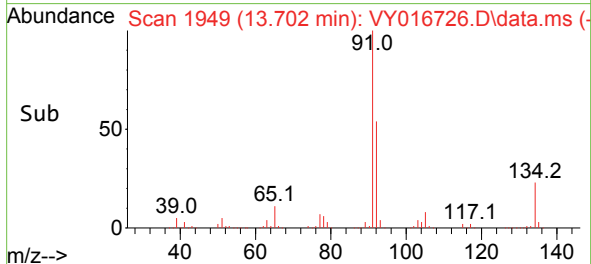
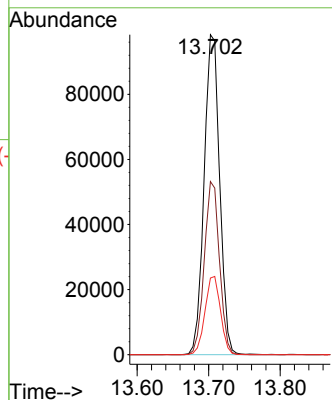
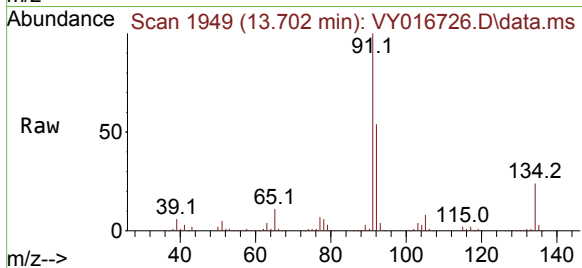
Tgt Ion: 91 Resp: 148856

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 24.4 12.3 36.8



#90

Hexachloroethane

Concen: 20.795 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016726.D

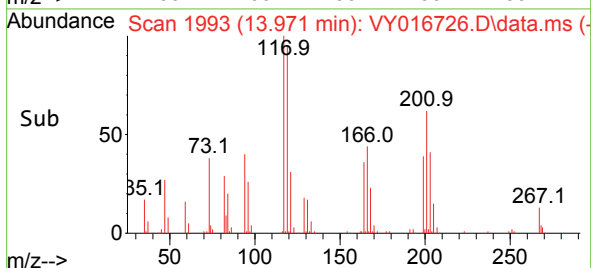
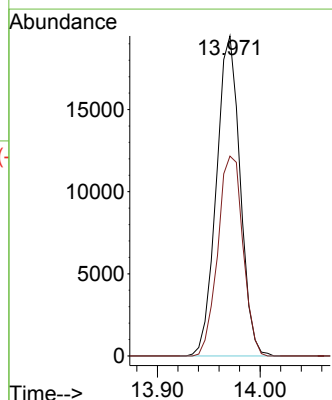
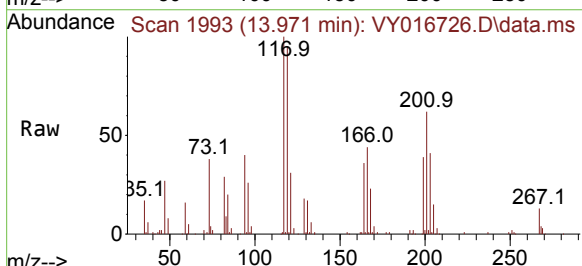
Acq: 20 Dec 2023 15:47

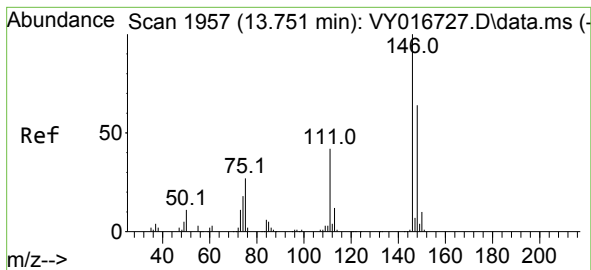
Tgt Ion: 117 Resp: 31224

Ion Ratio Lower Upper

117 100

201 66.1 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 20.945 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

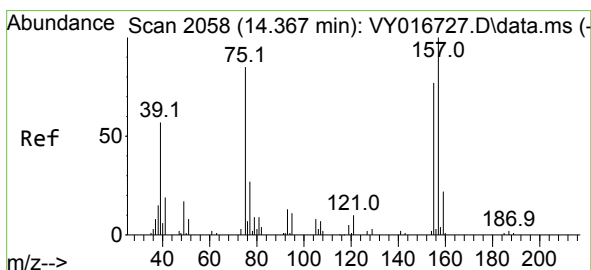
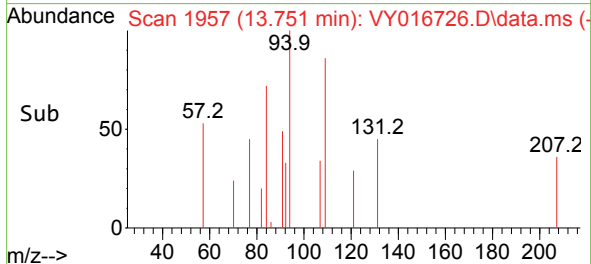
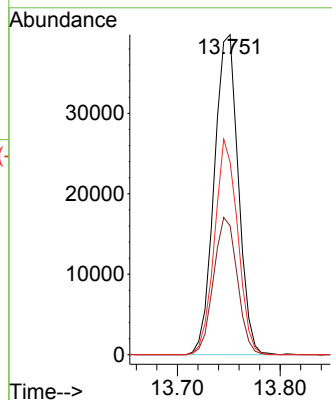
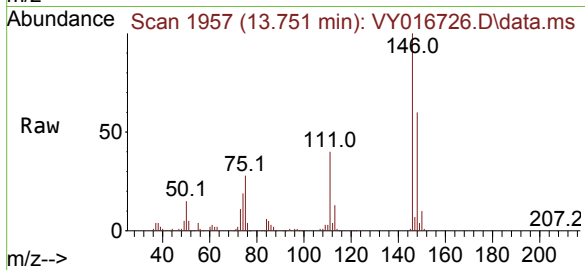
Tgt Ion:146 Resp: 64587

Ion Ratio Lower Upper

146 100

111 42.5 20.5 61.6

148 64.8 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.257 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

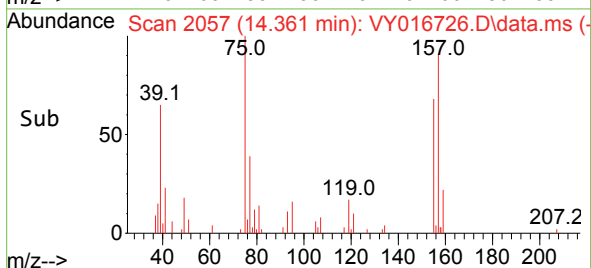
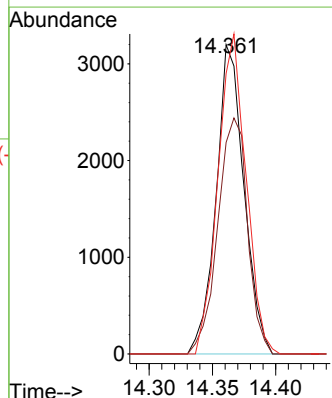
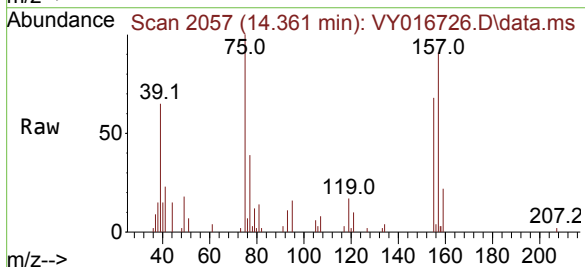
Tgt Ion: 75 Resp: 4895

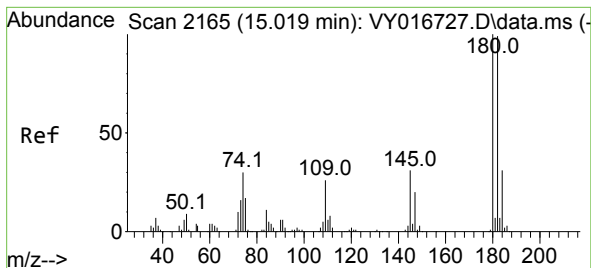
Ion Ratio Lower Upper

75 100

155 81.5 42.1 126.3

157 104.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 21.294 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

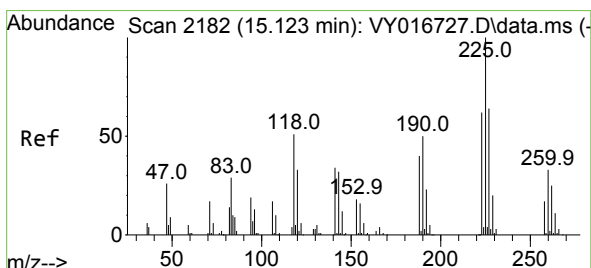
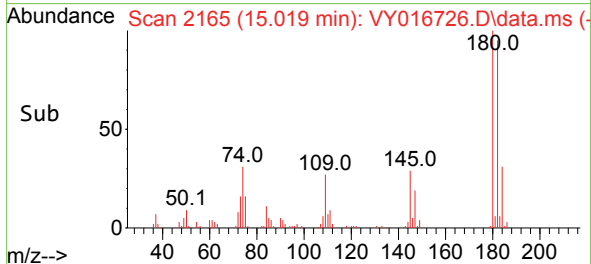
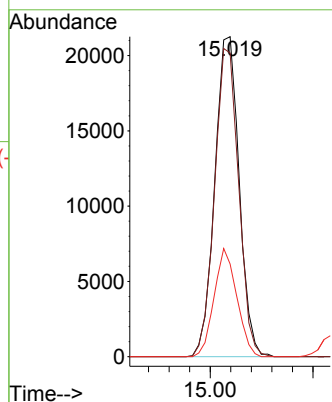
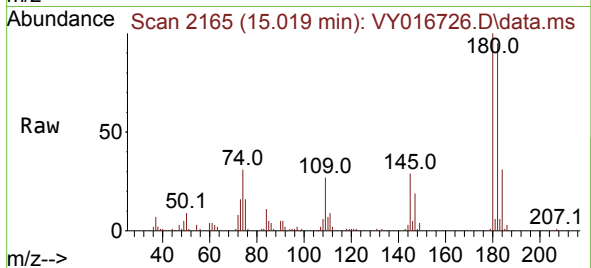
Tgt Ion:180 Resp: 34842

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.7

145 31.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 22.143 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

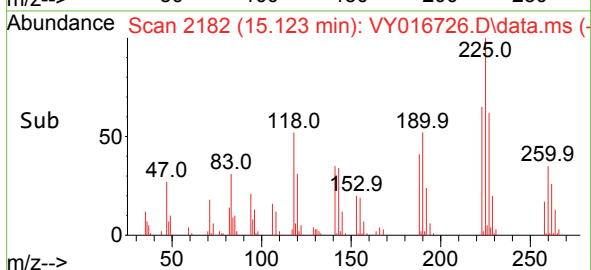
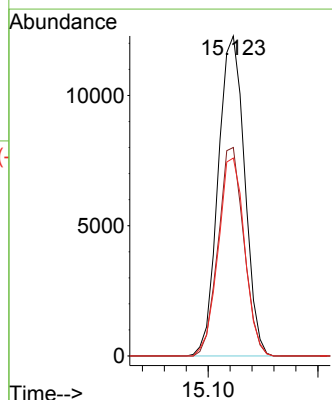
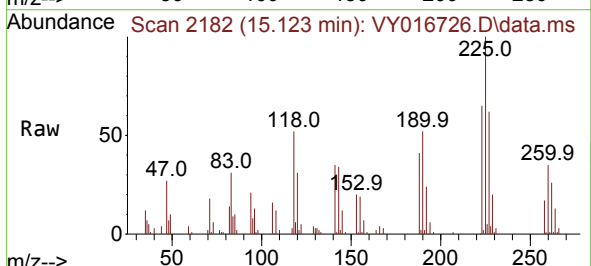
Tgt Ion:225 Resp: 20578

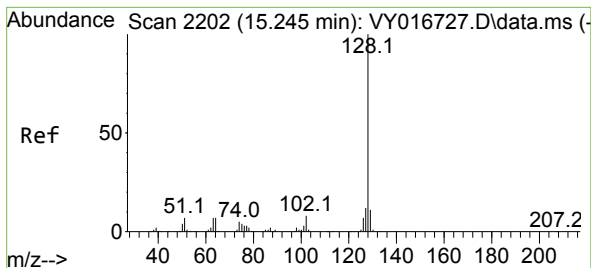
Ion Ratio Lower Upper

225 100

223 63.3 31.4 94.3

227 61.7 32.3 96.8





#95

Naphthalene

Concen: 20.783 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016726.D

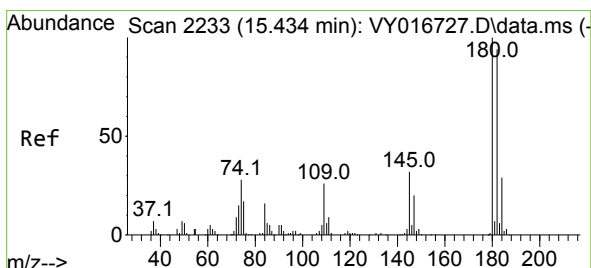
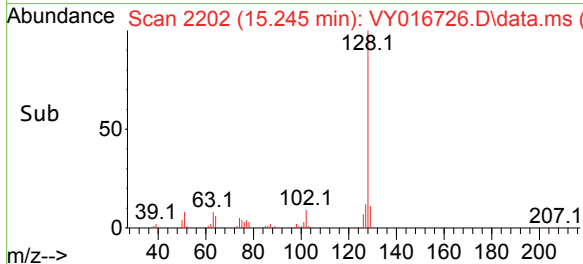
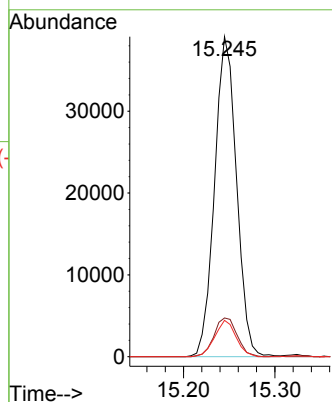
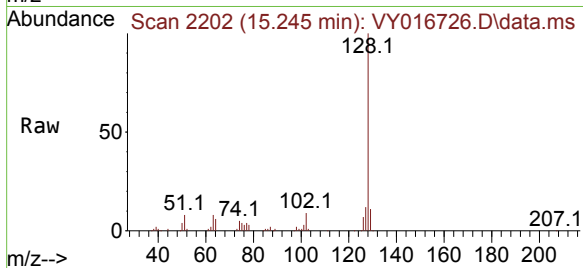
Acq: 20 Dec 2023 15:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	65232
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.2 15.4
129	11.1	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.613 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016726.D

Acq: 20 Dec 2023 15:47

Tgt Ion:180	Resp:	30118
Ion Ratio	Lower	Upper
180	100	
182	93.0	46.3 138.8
145	33.2	16.1 48.2

