

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016730.D
 Acq On : 20 Dec 2023 17:44
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 00:55:06 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	7.795	168	11652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	31068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	32810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	11508	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10580	99.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 198.920%#	
35) Dibromofluoromethane	7.722	113	12360	69.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 138.900%	
50) Toluene-d8	10.191	98	39206	61.112	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 122.220%	
62) 4-Bromofluorobenzene	12.489	95	12244	58.827	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.660%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.912	85	74	0.743	ug/l #	40
3) Chloromethane	2.125	50	188	1.228	ug/l #	66
4) Vinyl Chloride	2.259	62	385	2.227	ug/l #	50
5) Bromomethane	2.674	94	389	3.159	ug/l #	64
6) Chloroethane	2.802	64	66	0.563	ug/l #	43
7) Trichlorofluoromethane	3.125	101	26	0.129	ug/l #	18
10) Methyl Iodide	4.119	142	500	3.884	ug/l #	84
11) Tert butyl alcohol	4.966	59	181	20.777	ug/l #	75
14) Allyl chloride	4.485	41	80	0.475	ug/l #	41
15) Acrylonitrile	5.174	53	602	22.064	ug/l #	70
16) Acetone	3.954	43	933	32.437	ug/l	93
17) Carbon Disulfide	4.204	76	491	1.640	ug/l #	75
18) Methyl Acetate	4.485	43	263	2.340	ug/l #	51
20) Methylene Chloride	4.729	84	11565	86.326	ug/l	89
21) trans-1,2-Dichloroethene	5.228	96	105	0.837	ug/l #	65
22) Diisopropyl ether	6.131	45	26	0.068	ug/l #	35
23) Vinyl Acetate	6.070	43	891	4.942	ug/l #	71
25) 2-Butanone	6.990	43	479	12.095	ug/l #	48
26) 2,2-Dichloropropane	6.984	77	326	1.631	ug/l #	52
27) cis-1,2-Dichloroethene	7.003	96	117	0.810	ug/l #	1
28) Bromochloromethane	7.344	49	19	0.210	ug/l #	14
29) Tetrahydrofuran	7.362	42	109	5.034	ug/l #	32
30) Chloroform	7.502	83	262	1.118	ug/l #	65
31) Cyclohexane	7.807	56	355	1.742	ug/l #	75
36) 1,1-Dichloropropene	7.917	75	356	1.248	ug/l #	42
37) Ethyl Acetate	7.094	43	29	0.232	ug/l #	69
38) Carbon Tetrachloride	7.801	117	1191	4.219	ug/l #	12
39) Methylcyclohexane	9.185	83	121	0.367	ug/l #	53
40) Benzene	8.161	78	569	0.685	ug/l	98
41) Methacrylonitrile	7.332	41	22	0.339	ug/l #	23
42) 1,2-Dichloroethane	8.246	62	177	0.817	ug/l #	73
43) Isopropyl Acetate	8.136	43	26	0.109	ug/l #	1
44) Trichloroethene	8.941	130	165	0.779	ug/l	20
45) 1,2-Dichloropropane	9.222	63	26	0.125	ug/l #	44
46) Dibromomethane	9.313	93	95	0.883	ug/l #	44
47) Bromodichloromethane	9.502	83	226	0.797	ug/l #	95

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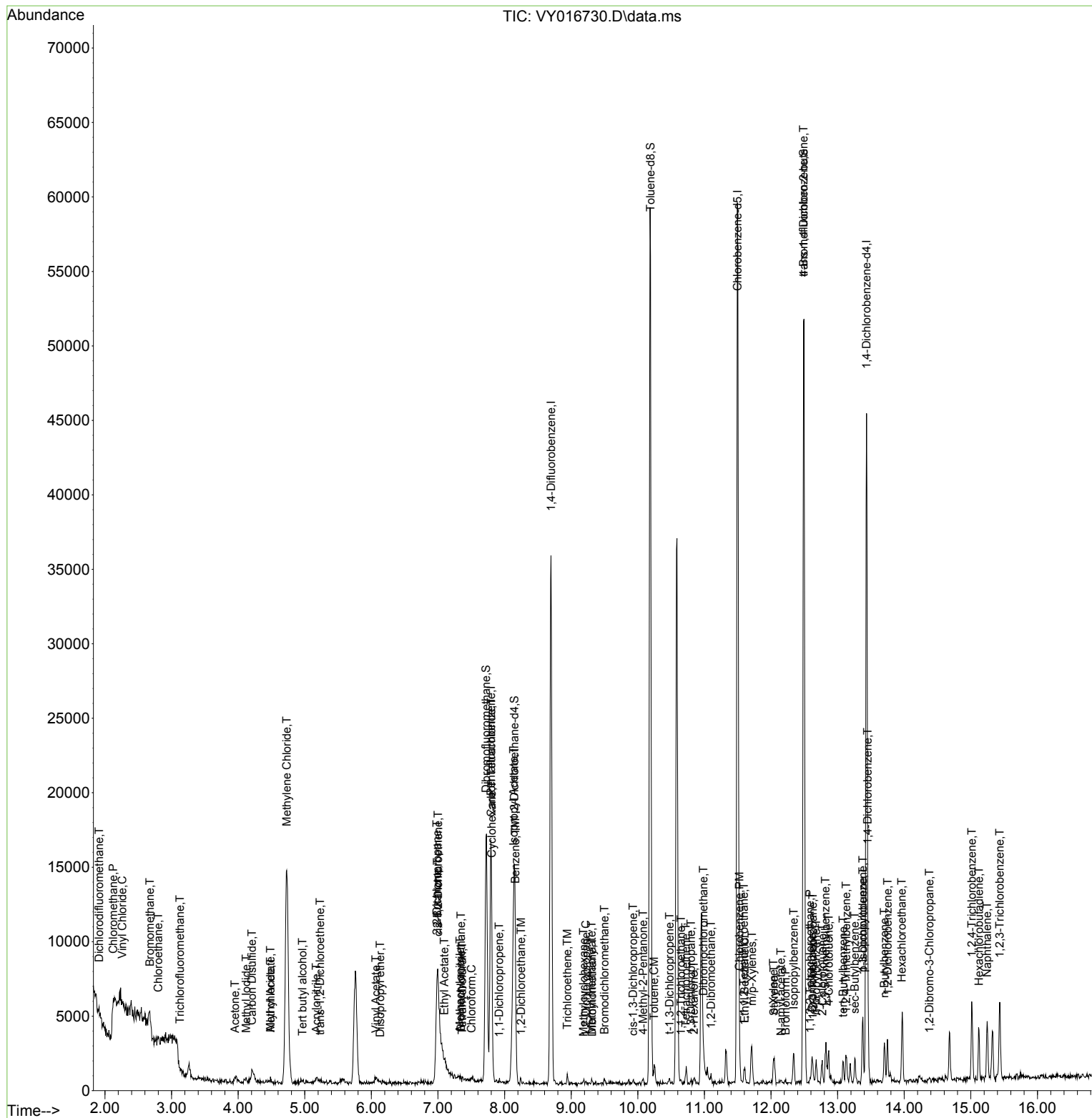
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Methyl methacrylate	9.307	41	26	0.195	ug/l #	12
51) 4-Methyl-2-Pentanone	10.081	43	220	1.738	ug/l #	53
52) Toluene	10.246	92	562	1.130	ug/l	89
53) t-1,3-Dichloropropene	10.477	75	318	1.230	ug/l #	44
54) cis-1,3-Dichloropropene	9.929	75	259	0.830	ug/l #	76
55) 1,1,2-Trichloroethane	10.648	97	49	0.319	ug/l #	15
57) 1,3-Dichloropropane	10.801	76	200	0.767	ug/l #	42
59) 2-Hexanone	10.843	43	259	2.745	ug/l	87
60) Dibromochloromethane	10.983	129	197	1.109	ug/l	82
61) 1,2-Dibromoethane	11.099	107	265	1.925	ug/l #	80
64) Tetrachloroethene	10.721	164	184	0.903	ug/l #	83
65) Chlorobenzene	11.526	112	886	1.374	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	119	0.491	ug/l #	39
67) Ethyl Benzene	11.605	91	1022	0.861	ug/l	99
68) m/p-Xylenes	11.715	106	873	1.993	ug/l	84
69) o-Xylene	12.038	106	354	0.881	ug/l	80
70) Styrene	12.044	104	646	1.086	ug/l	94
71) Bromoform	12.221	173	117	0.968	ug/l #	30
73) Isopropylbenzene	12.343	105	939	1.048	ug/l	93
74) N-amyl acetate	12.148	43	189	1.002	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.587	83	224	1.251	ug/l #	94
76) 1,2,3-Trichloropropane	12.630	75	358	2.810	ug/l #	100
77) Bromobenzene	12.617	156	477	2.440	ug/l	90
78) n-propylbenzene	12.678	91	1478	1.361	ug/l	94
79) 2-Chlorotoluene	12.770	91	1054	1.754	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	1060	1.494	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.489	75	6786	125.272	ug/l #	12
82) 4-Chlorotoluene	12.867	91	1477	2.396	ug/l	93
83) tert-Butylbenzene	13.081	119	696	1.128	ug/l #	80
84) 1,2,4-Trimethylbenzene	13.129	105	1130	1.615	ug/l	83
85) sec-Butylbenzene	13.257	105	1136	1.243	ug/l	89
86) p-Isopropyltoluene	13.379	119	1314	1.726	ug/l	90
87) 1,3-Dichlorobenzene	13.379	146	1255	3.284	ug/l	89
88) 1,4-Dichlorobenzene	13.453	146	1386	3.715	ug/l	84
89) n-Butylbenzene	13.703	91	1713	2.354	ug/l	98
90) Hexachloroethane	13.965	117	299	1.886	ug/l	92
91) 1,2-Dichlorobenzene	13.751	146	1180	3.625	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.379	75	59	2.541	ug/l #	39
93) 1,2,4-Trichlorobenzene	15.013	180	1621	9.385	ug/l	97
94) Hexachlorobutadiene	15.123	225	608	6.197	ug/l	89
95) Naphthalene	15.245	128	3527	12.398	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.434	180	1653	11.237	ug/l	90

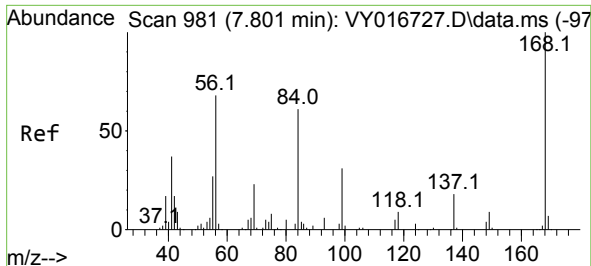
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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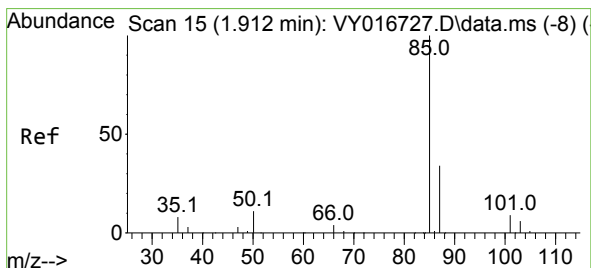
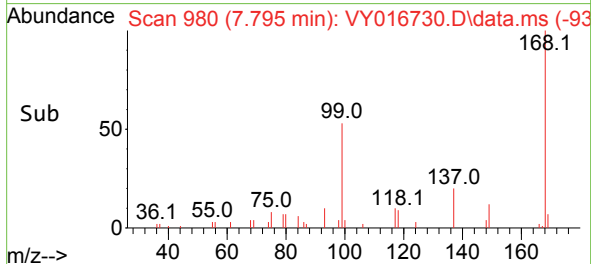
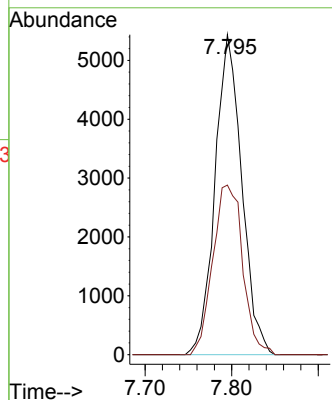
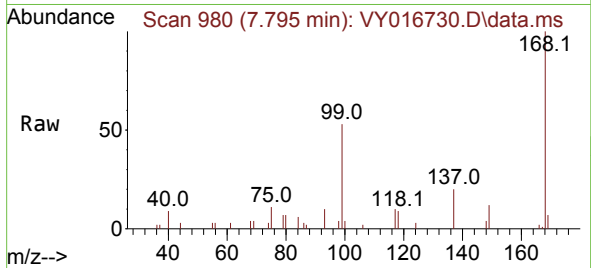




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

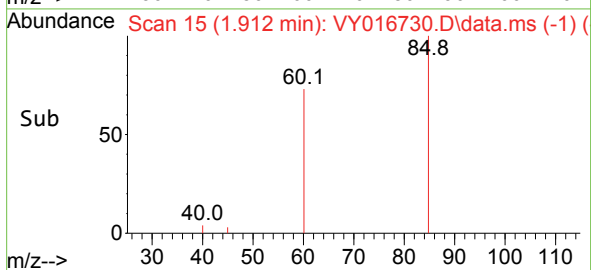
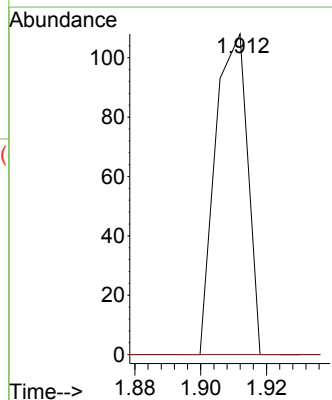
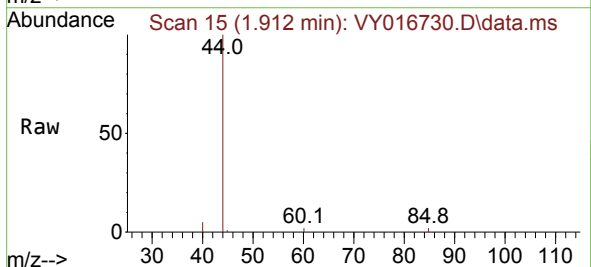
Instrument :
MSVOA_Y
ClientSampleId :

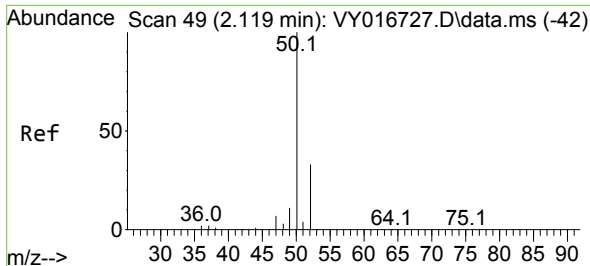
Tgt Ion:168 Resp: 11652
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 0.743 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Tgt Ion: 85 Resp: 74
Ion Ratio Lower Upper
85 100
87 0.0 17.1 51.3#

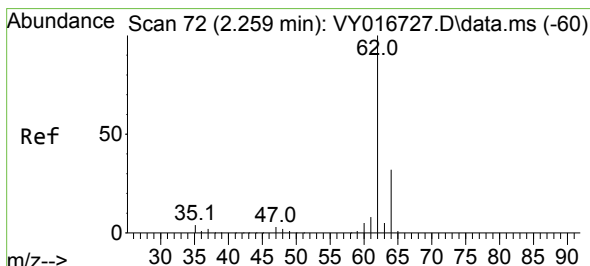
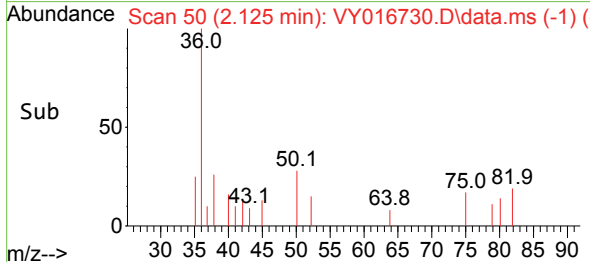
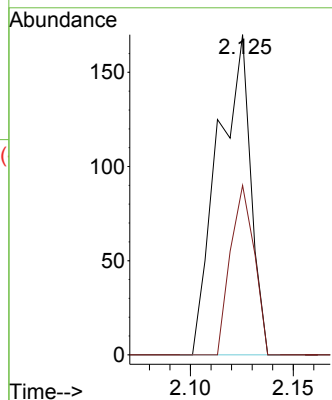
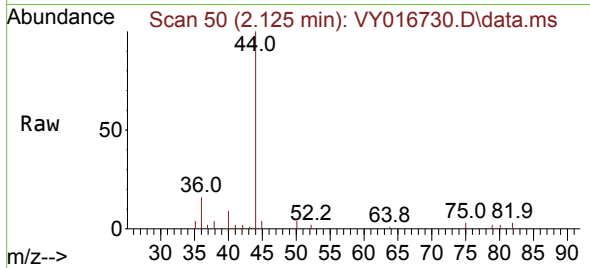




#3
Chloromethane
Concen: 1.228 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

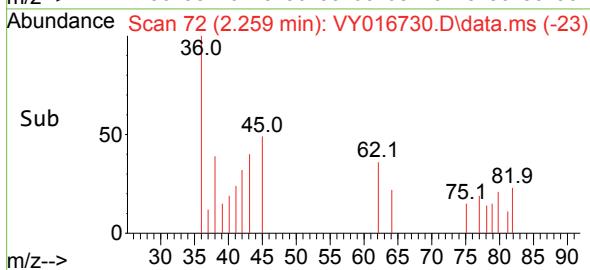
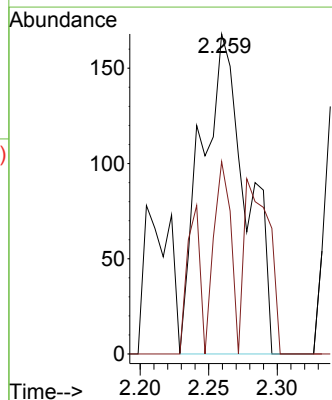
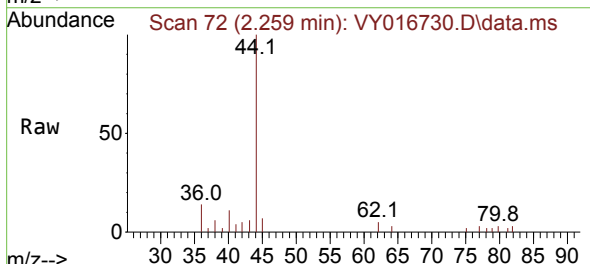
Instrument :
MSVOA_Y
ClientSampleId :

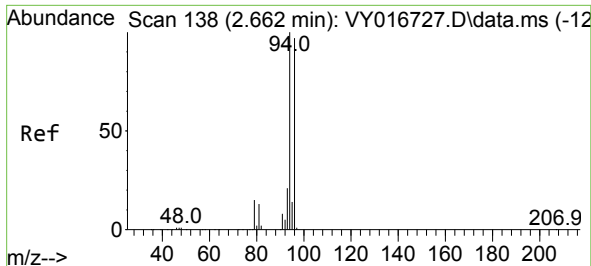
Tgt Ion: 50 Resp: 188
Ion Ratio Lower Upper
50 100
52 52.9 26.7 40.1#



#4
Vinyl Chloride
Concen: 2.227 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

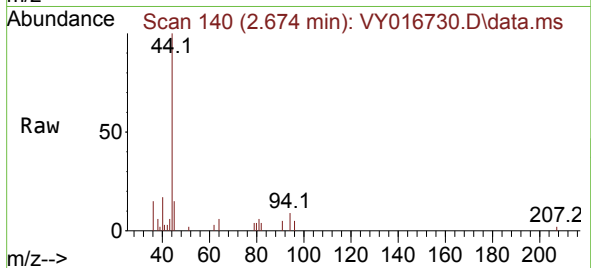
Tgt Ion: 62 Resp: 385
Ion Ratio Lower Upper
62 100
64 60.1 25.7 38.5#



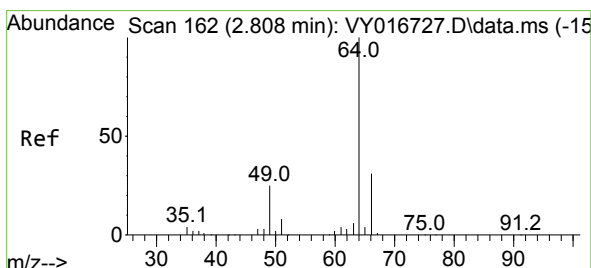
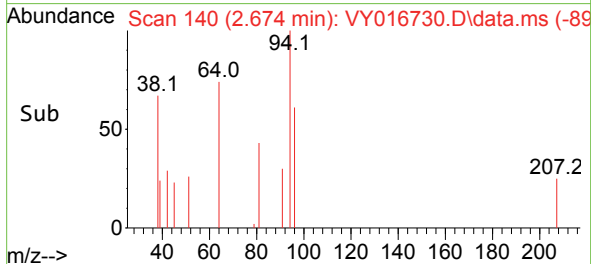
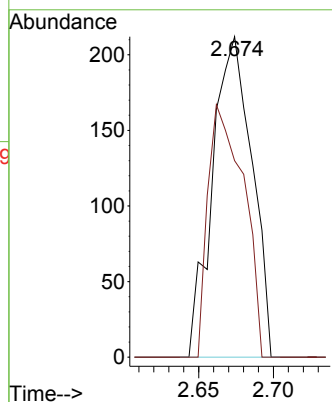


#5
Bromomethane
Concen: 3.159 ug/l
RT: 2.674 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

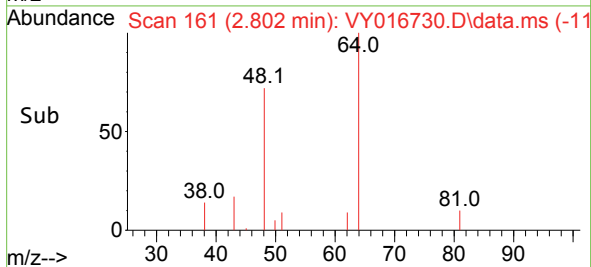
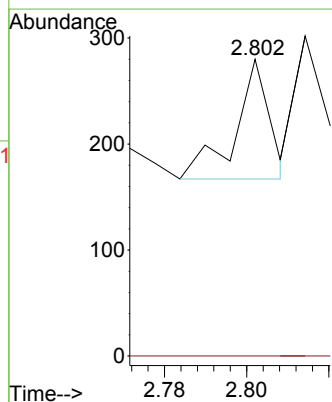
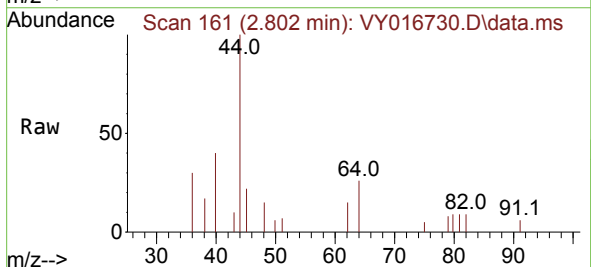


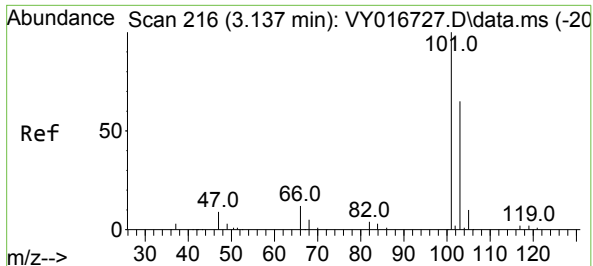
Tgt Ion: 94 Resp: 389
Ion Ratio Lower Upper
94 100
96 61.3 77.3 115.9#



#6
Chloroethane
Concen: 0.563 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

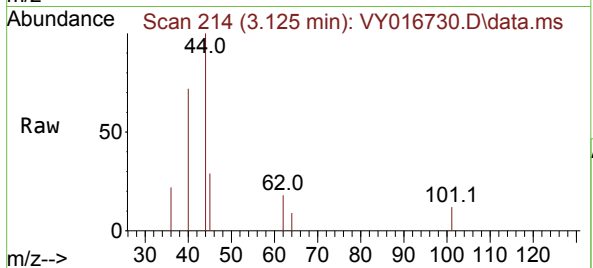
Tgt Ion: 64 Resp: 66
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



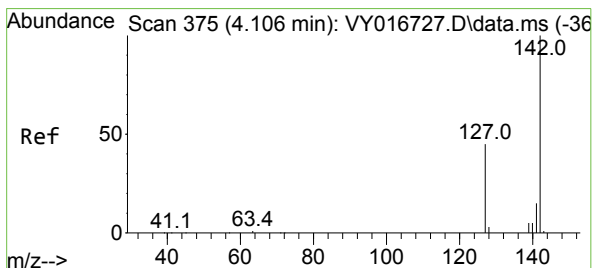
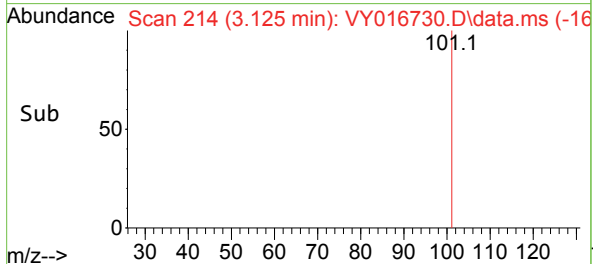
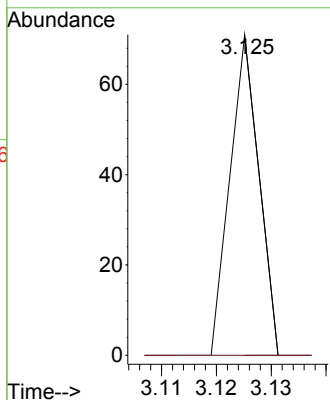


#7
 Trichlorofluoromethane
 Concen: 0.129 ug/l
 RT: 3.125 min Scan# 216
 Delta R.T. -0.012 min
 Lab File: VY016730.D
 Acq: 20 Dec 2023 17:44

Instrument :
 MSVOA_Y
 ClientSampleId :

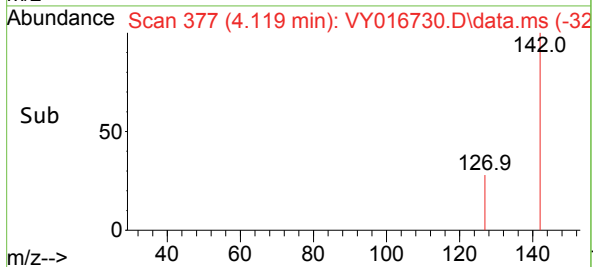
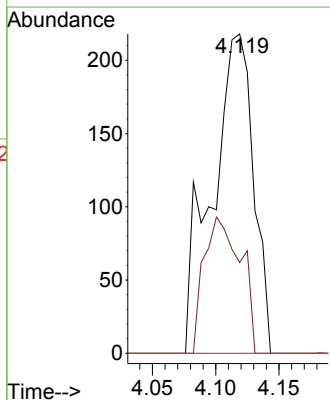
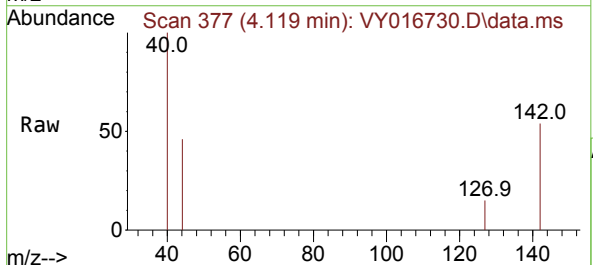


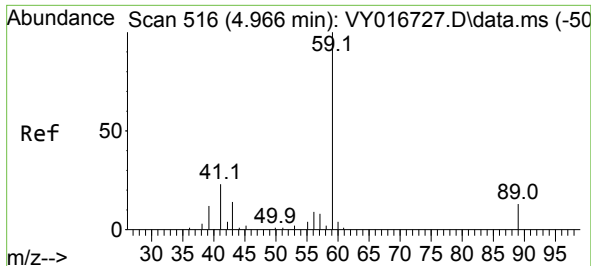
Tgt Ion:101 Resp: 26
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.9 77.9#



#10
 Methyl Iodide
 Concen: 3.884 ug/l
 RT: 4.119 min Scan# 377
 Delta R.T. 0.012 min
 Lab File: VY016730.D
 Acq: 20 Dec 2023 17:44

Tgt Ion:142 Resp: 500
 Ion Ratio Lower Upper
 142 100
 127 37.6 35.1 52.7
 141 0.0 11.8 17.6#





#11

Tert butyl alcohol

Concen: 20.777 ug/l

RT: 4.966 min Scan# 516

Delta R.T. 0.000 min

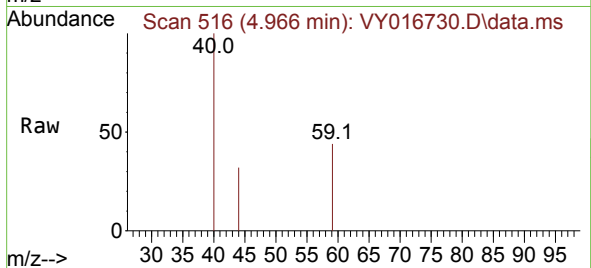
Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

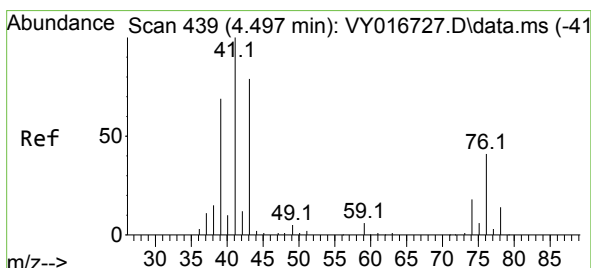
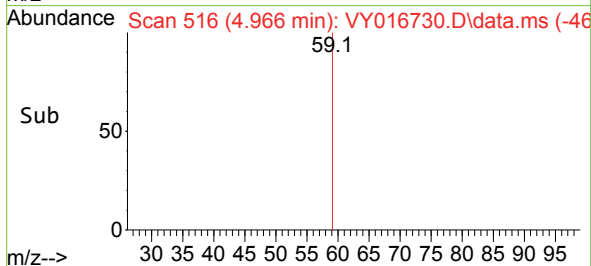
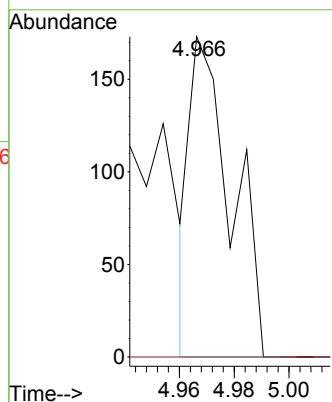


Tgt Ion: 59 Resp: 181

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#



#14

Allyl chloride

Concen: 0.475 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.012 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

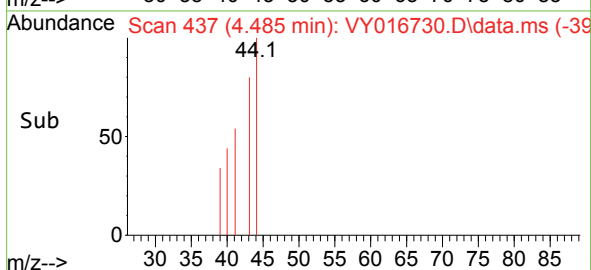
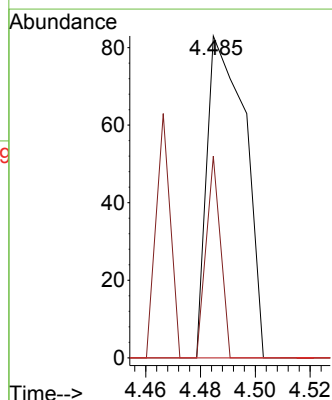
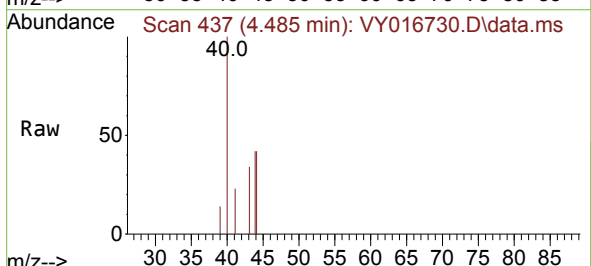
Tgt Ion: 41 Resp: 80

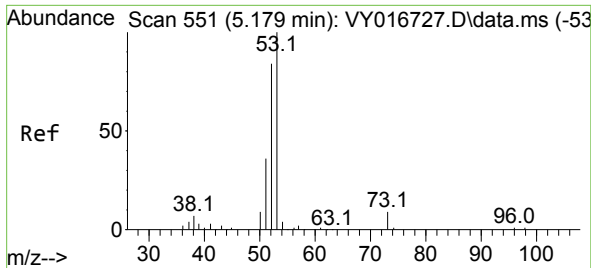
Ion Ratio Lower Upper

41 100

39 23.8 54.7 82.1#

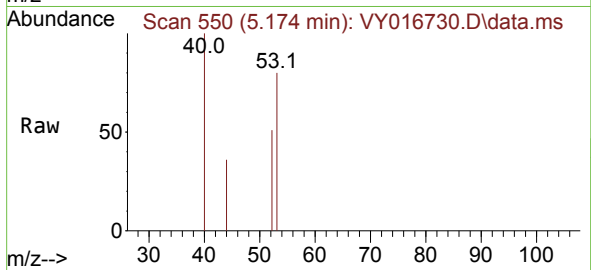
76 0.0 31.8 47.6#



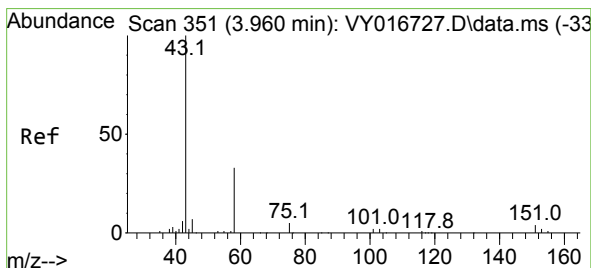
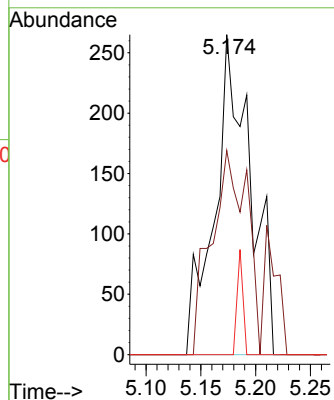
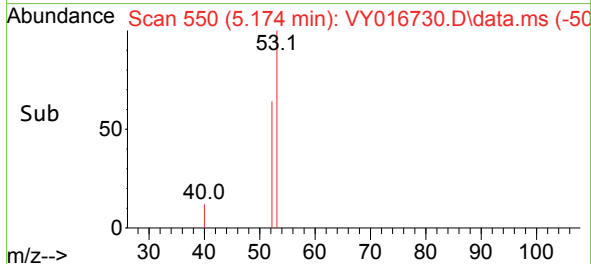


#15
Acrylonitrile
Concen: 22.064 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.005 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

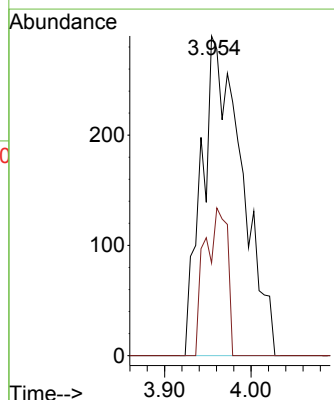
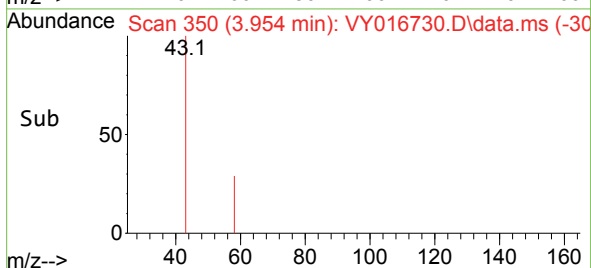
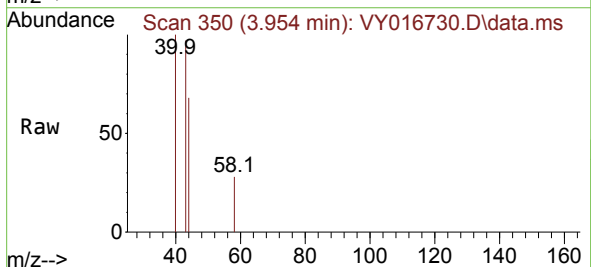


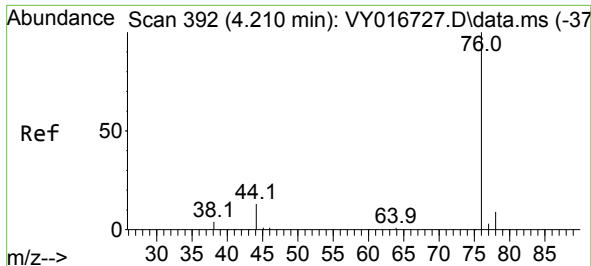
Tgt Ion: 53 Resp: 602
Ion Ratio Lower Upper
53 100
52 64.1 65.1 97.7#
51 5.3 29.0 43.4#



#16
Acetone
Concen: 32.437 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Tgt Ion: 43 Resp: 933
Ion Ratio Lower Upper
43 100
58 29.0 26.6 39.8





#17

Carbon Disulfide

Concen: 1.640 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

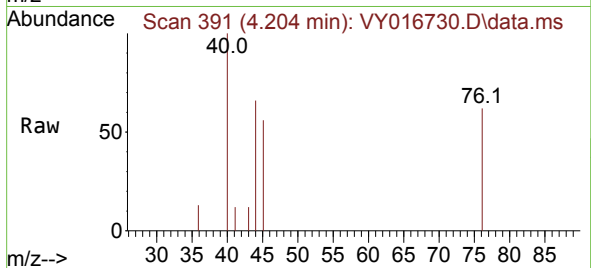
Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

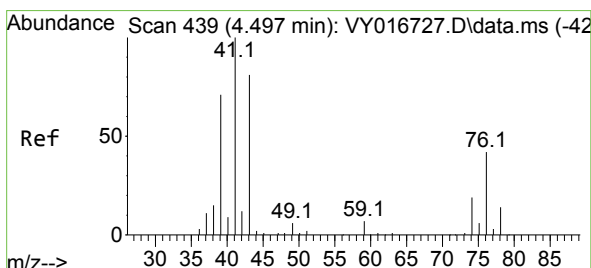
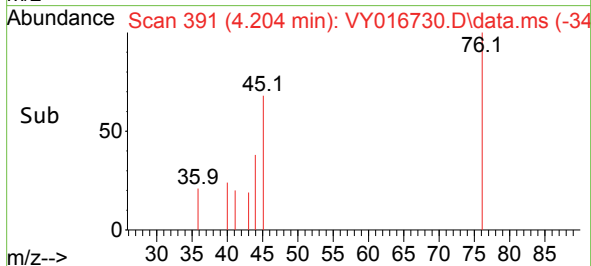
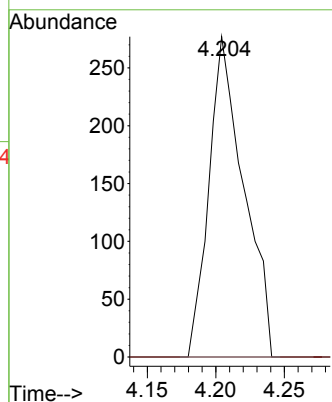


Tgt Ion: 76 Resp: 491

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



#18

Methyl Acetate

Concen: 2.340 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.012 min

Lab File: VY016730.D

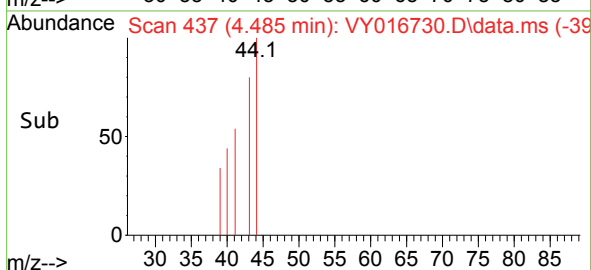
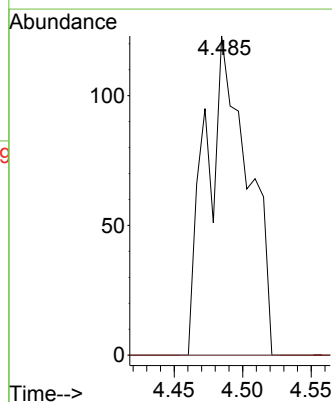
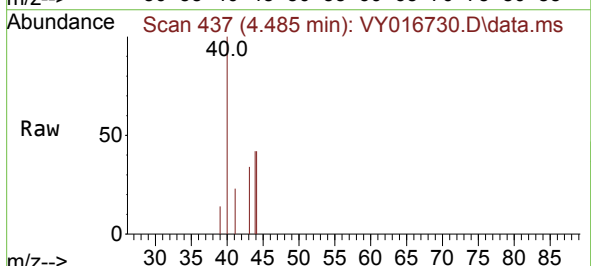
Acq: 20 Dec 2023 17:44

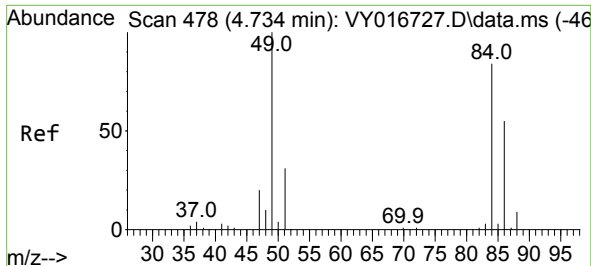
Tgt Ion: 43 Resp: 263

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.6#





#20

Methylene Chloride

Concen: 86.326 ug/l

RT: 4.729 min Scan# 41

Delta R.T. -0.005 min

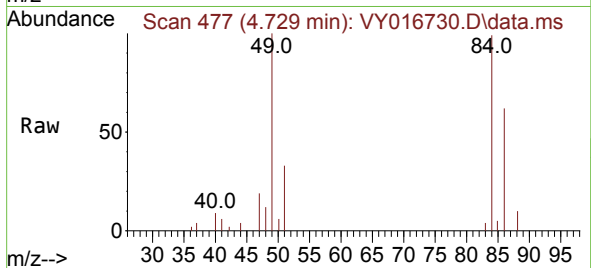
Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 11565

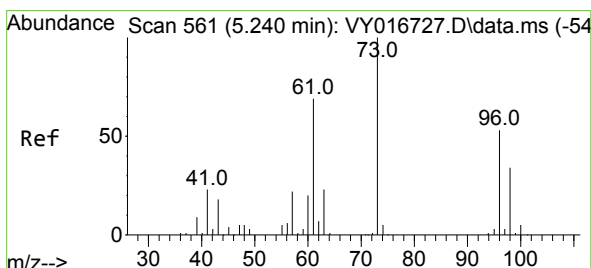
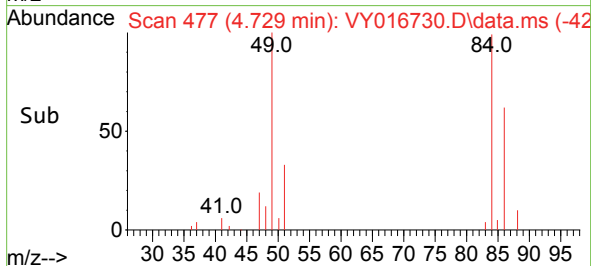
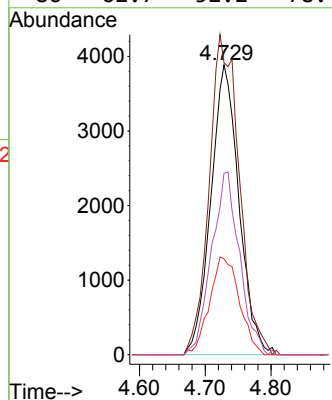
Ion Ratio Lower Upper

84 100

49 100.8 95.2 142.8

51 33.1 29.9 44.9

86 62.7 52.2 78.4



#21

trans-1,2-Dichloroethene

Concen: 0.837 ug/l

RT: 5.228 min Scan# 559

Delta R.T. -0.012 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

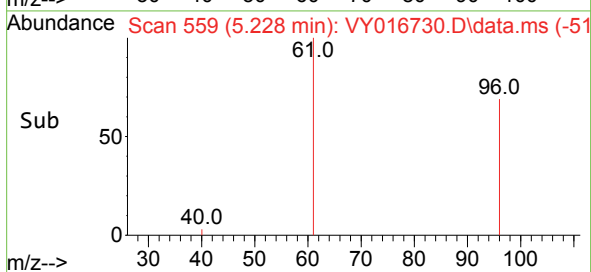
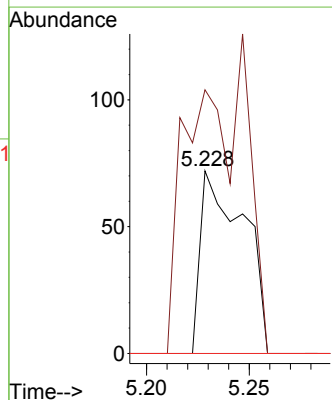
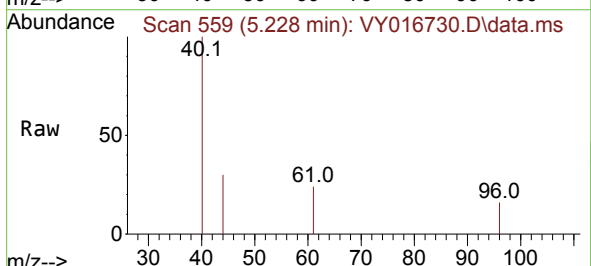
Tgt Ion: 96 Resp: 105

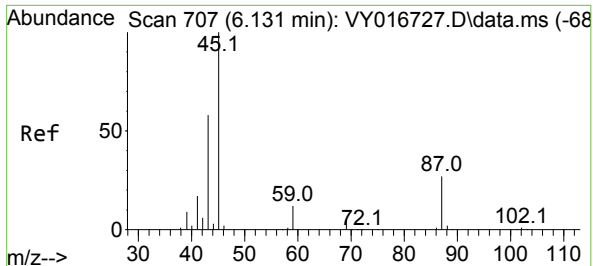
Ion Ratio Lower Upper

96 100

61 144.4 104.6 156.8

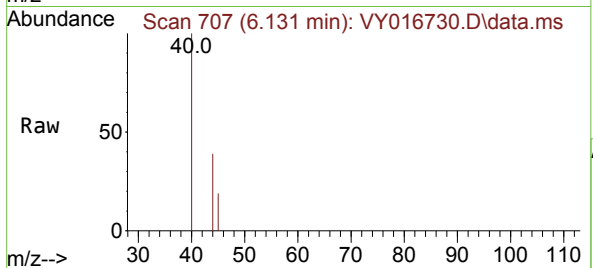
98 0.0 50.9 76.3#



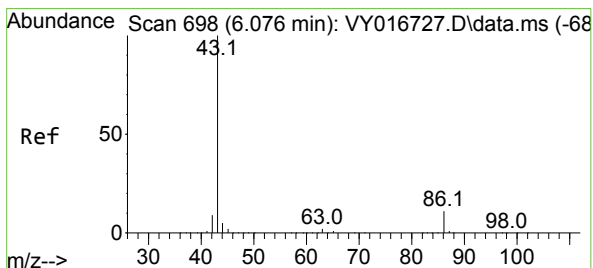
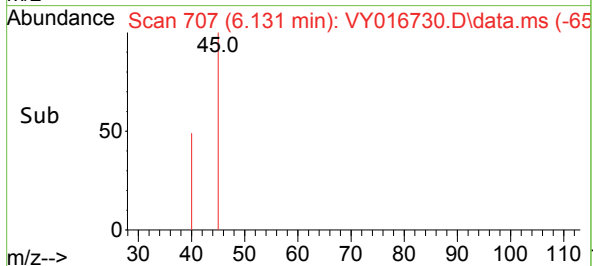
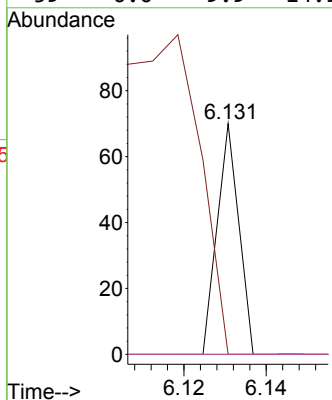


#22
Diisopropyl ether
Concen: 0.068 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

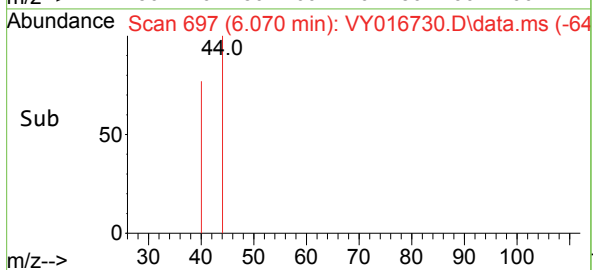
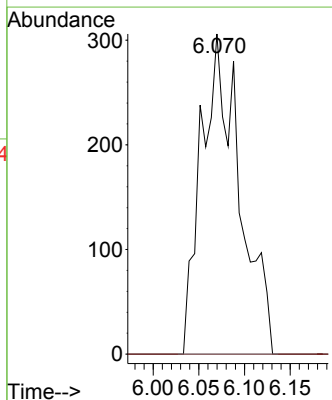
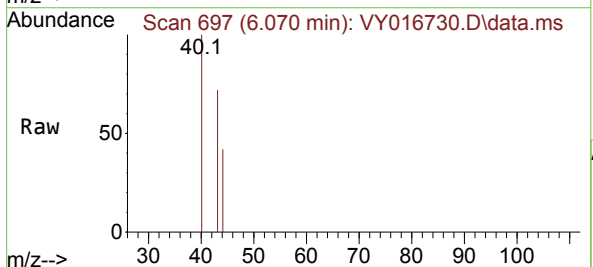


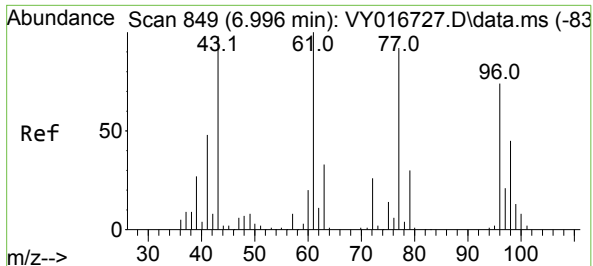
Tgt Ion:	45	Resp:	26
Ion	Ratio	Lower	Upper
45	100		
43	0.0	46.8	70.2#
87	0.0	22.2	33.2#
59	0.0	9.9	14.9#



#23
Vinyl Acetate
Concen: 4.942 ug/l
RT: 6.070 min Scan# 697
Delta R.T. -0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Tgt Ion:	43	Resp:	891
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	13.0#





#25

2-Butanone

Concen: 12.095 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

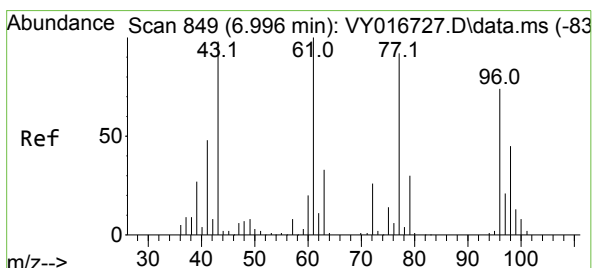
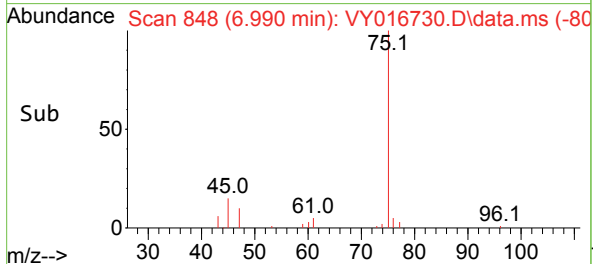
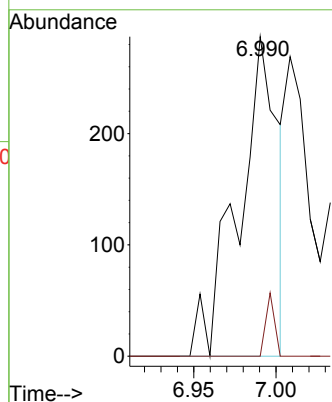
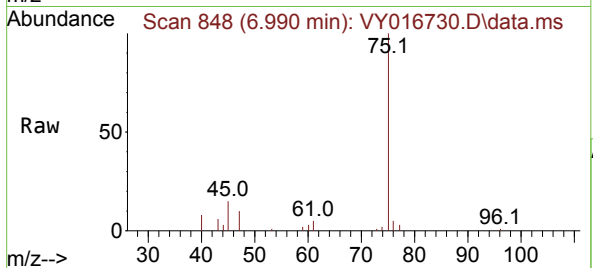
ClientSampleId :

Tgt Ion: 43 Resp: 479

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#26

2,2-Dichloropropane

Concen: 1.631 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016730.D

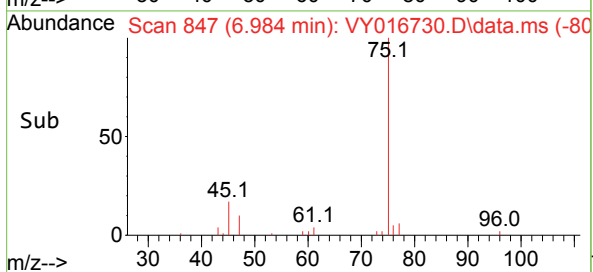
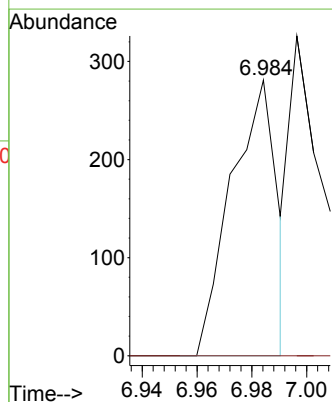
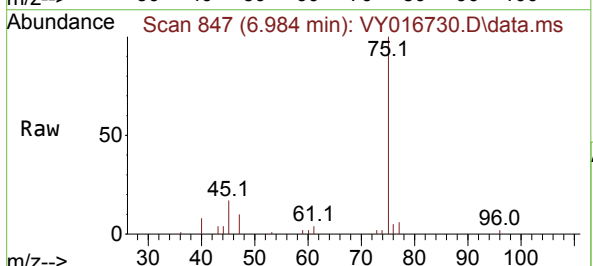
Acq: 20 Dec 2023 17:44

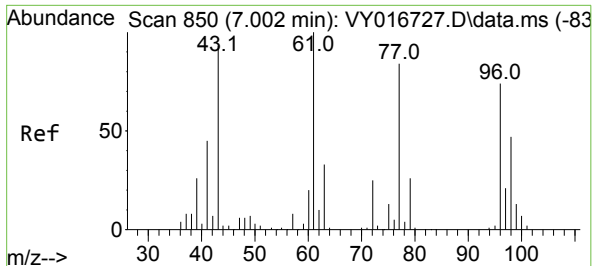
Tgt Ion: 77 Resp: 326

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#





#27

cis-1,2-Dichloroethene

Concen: 0.810 ug/l

RT: 7.003 min Scan# 811

Delta R.T. 0.000 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

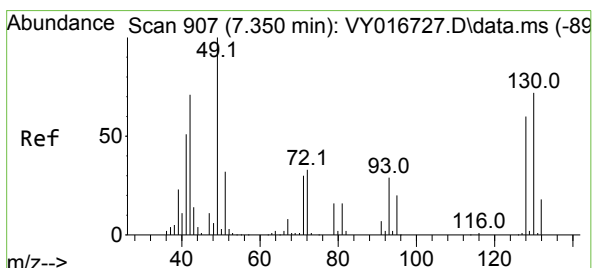
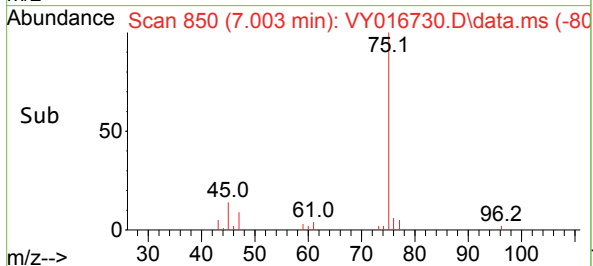
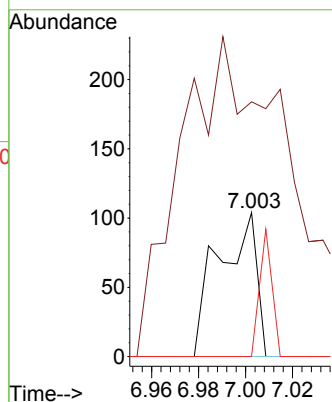
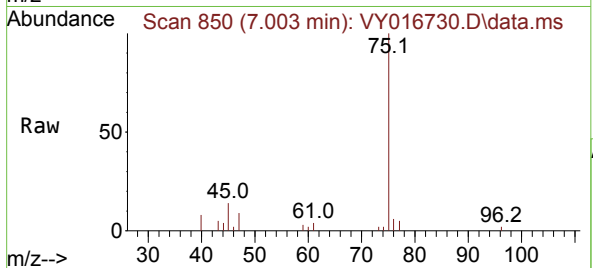
Tgt Ion: 96 Resp: 117

Ion	Ratio	Lower	Upper
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96	100		
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61	628.2	0.0	278.8#
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98	29.1	0.0	127.0
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#28

Bromochloromethane

Concen: 0.210 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

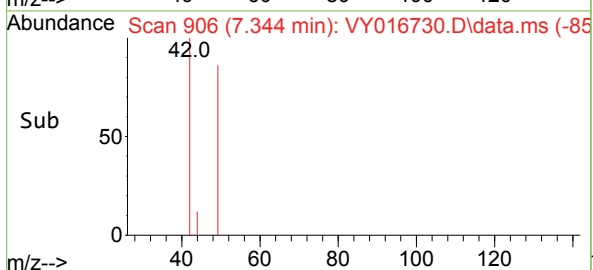
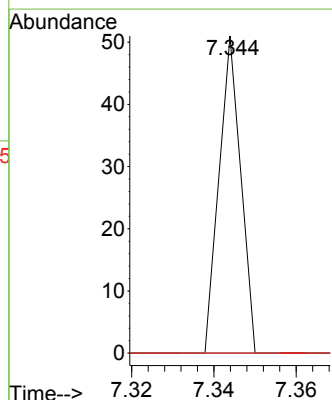
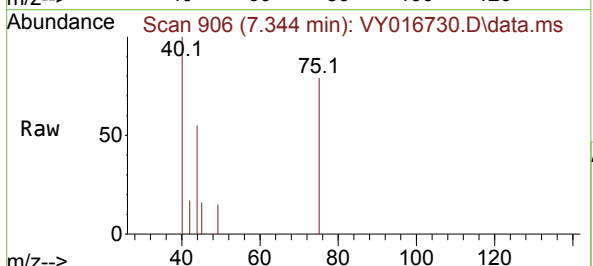
Tgt Ion: 49 Resp: 19

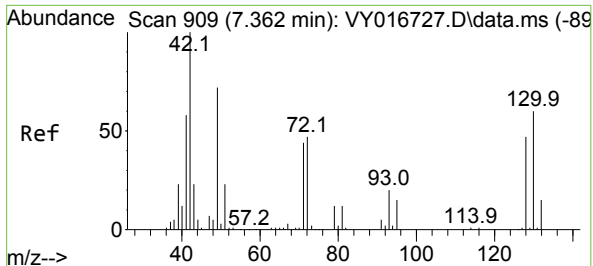
Ion	Ratio	Lower	Upper
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49	100		
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129	0.0	0.0	3.8
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130	0.0	59.8	89.8#
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#29

Tetrahydrofuran

Concen: 5.034 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

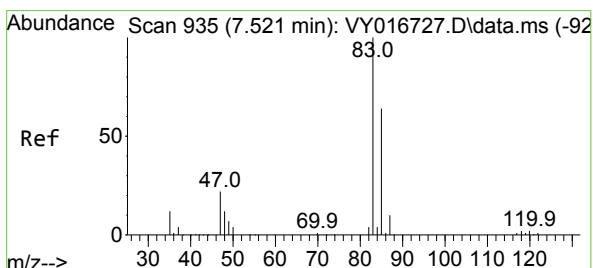
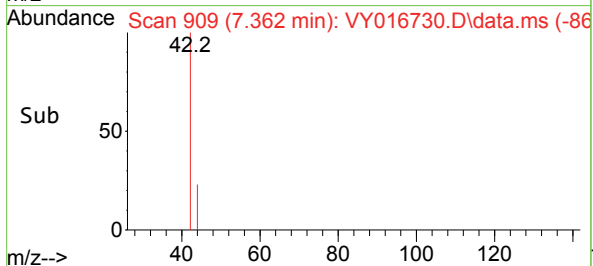
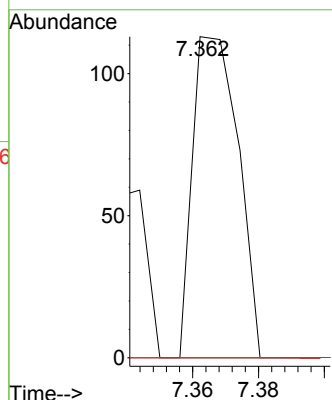
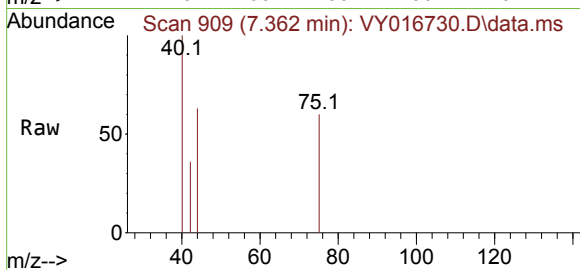
Tgt Ion: 42 Resp: 109

Ion Ratio Lower Upper

42 100

72 0.0 36.6 54.8#

71 0.0 33.8 50.6#



#30

Chloroform

Concen: 1.118 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.018 min

Lab File: VY016730.D

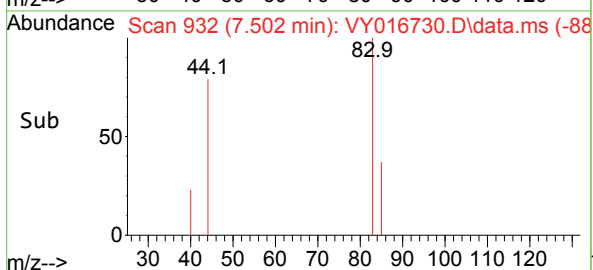
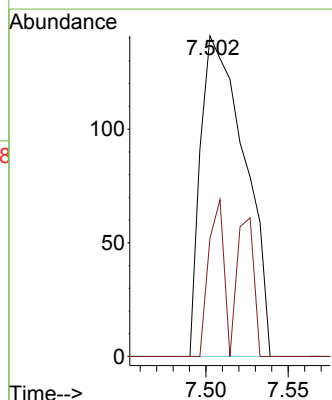
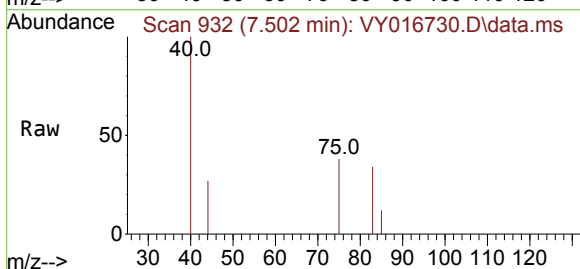
Acq: 20 Dec 2023 17:44

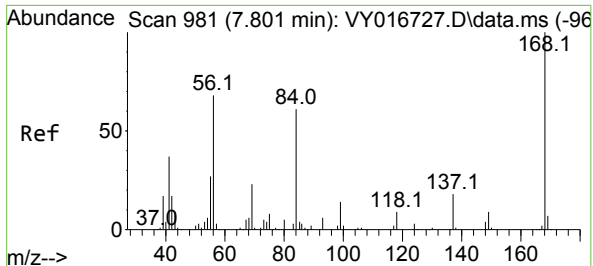
Tgt Ion: 83 Resp: 262

Ion Ratio Lower Upper

83 100

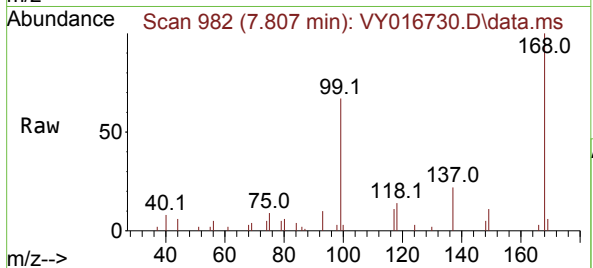
85 36.9 51.2 76.8#



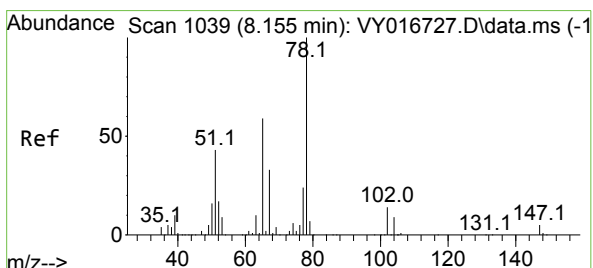
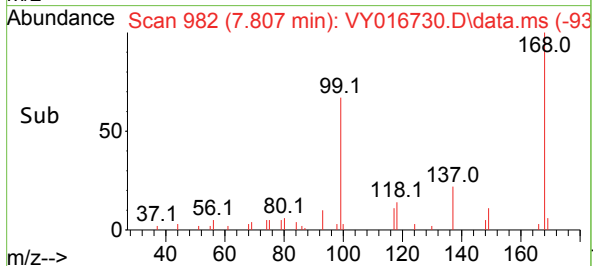
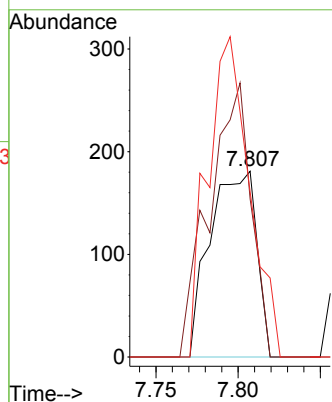


#31
Cyclohexane
Concen: 1.742 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

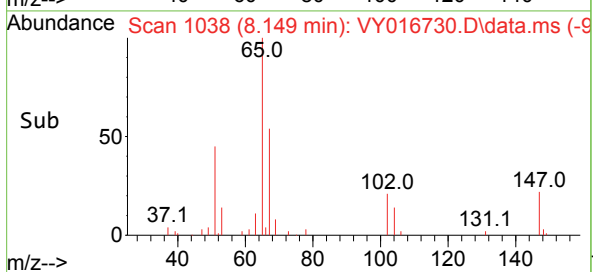
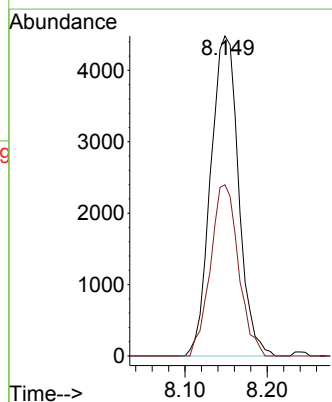
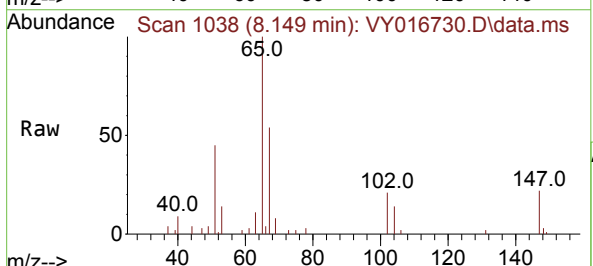


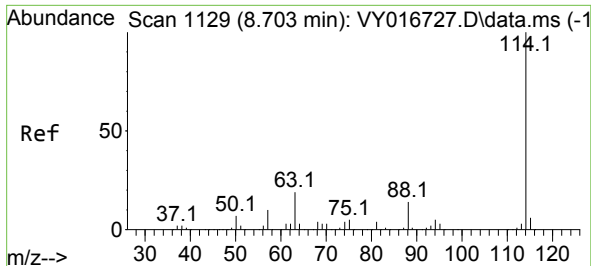
Tgt Ion: 56 Resp: 355
Ion Ratio Lower Upper
56 100
69 85.1 27.0 40.6#
84 89.0 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 99.464 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Tgt Ion: 65 Resp: 10580
Ion Ratio Lower Upper
65 100
67 53.7 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: VY016730.D

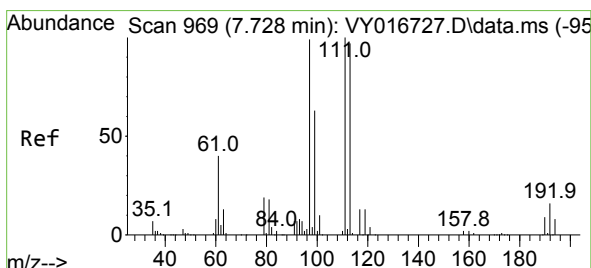
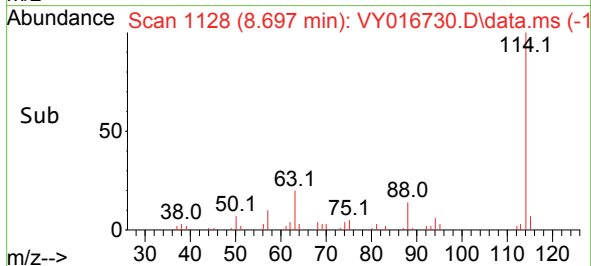
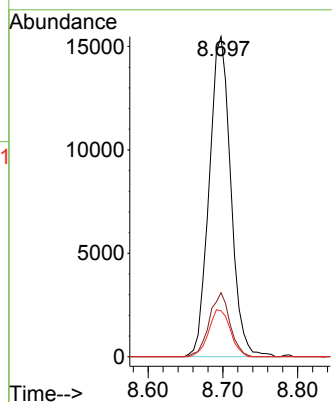
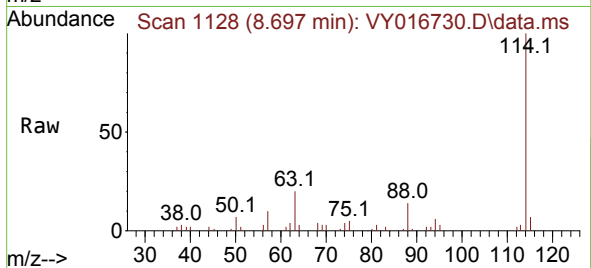
Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	31068
Ion Ratio	Lower	Upper
114	100	
63	20.0	0.0 37.4
88	14.3	0.0 29.0



#35

Dibromofluoromethane

Concen: 69.452 ug/l

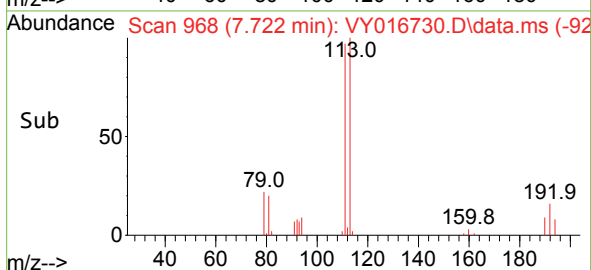
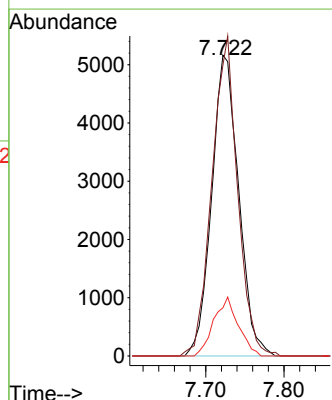
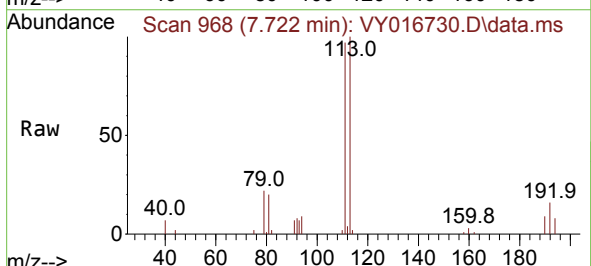
RT: 7.722 min Scan# 968

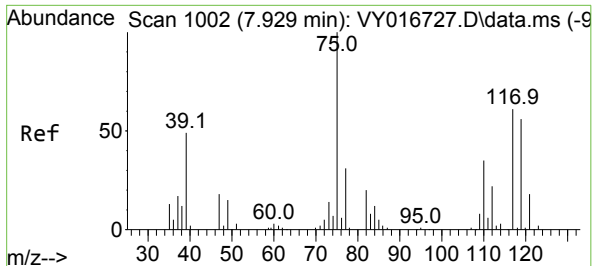
Delta R.T. -0.006 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Tgt Ion:113	Resp:	12360
Ion Ratio	Lower	Upper
113	100	
111	101.0	83.8 125.6
192	17.8	14.5 21.7





#36

1,1-Dichloropropene

Concen: 1.248 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.012 min

Lab File: VY016730.D

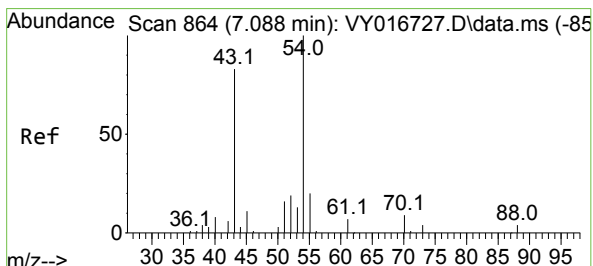
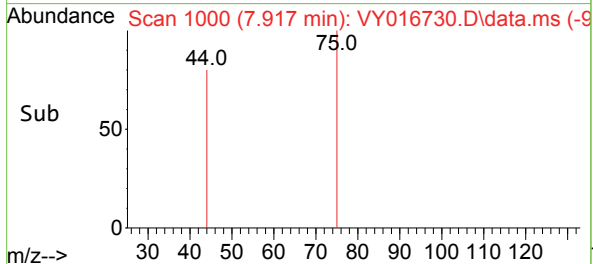
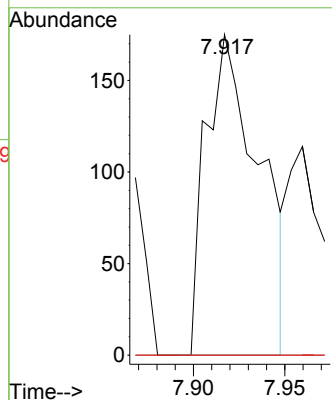
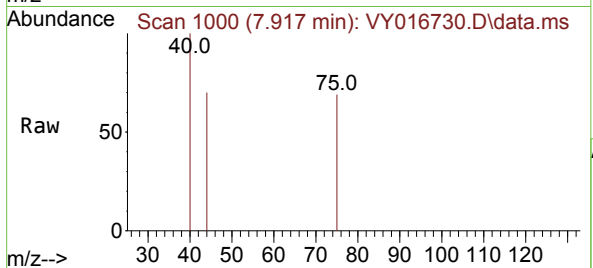
Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp:	356
Ion Ratio	Lower	Upper
75	100	
110	0.0	17.4 52.3#
77	0.0	24.7 37.1#



#37

Ethyl Acetate

Concen: 0.232 ug/l

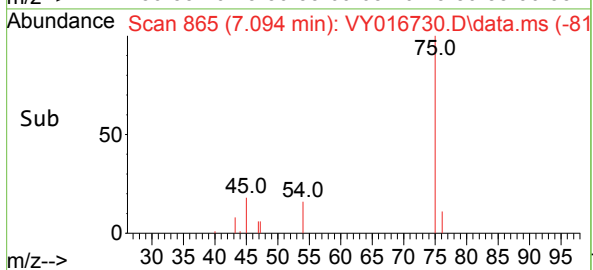
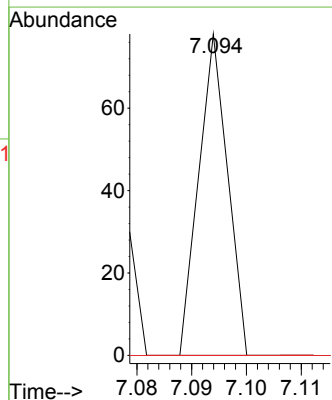
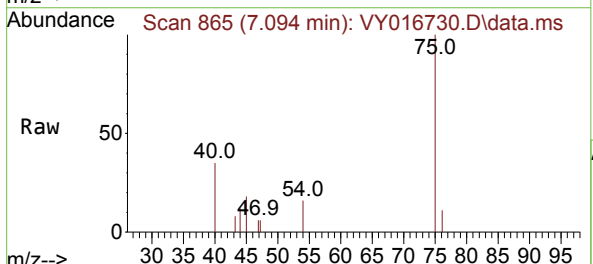
RT: 7.094 min Scan# 865

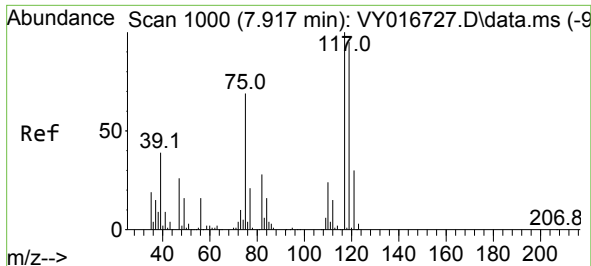
Delta R.T. 0.006 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

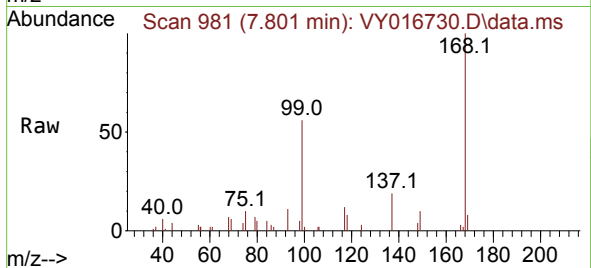
Tgt Ion: 43	Resp:	29
Ion Ratio	Lower	Upper
43	100	
61	0.0	11.0 16.6#
70	0.0	8.1 12.1#



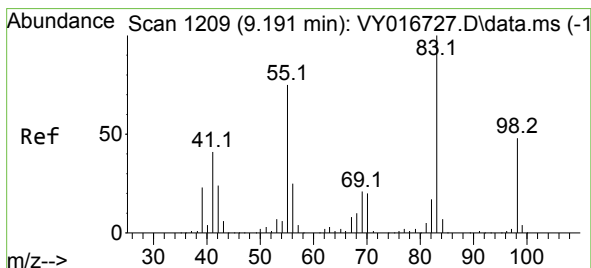
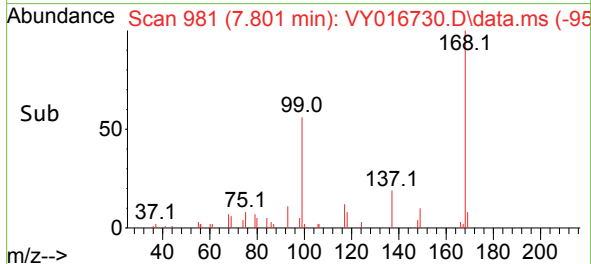
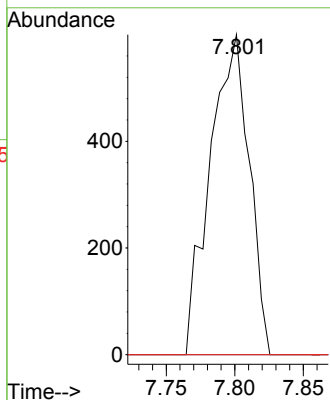


#38
Carbon Tetrachloride
Concen: 4.219 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

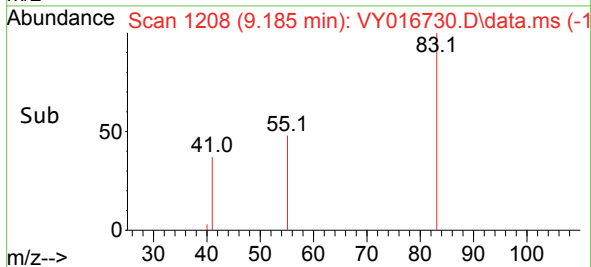
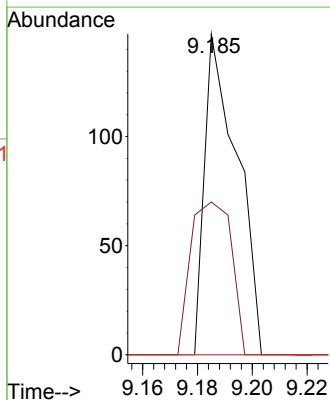
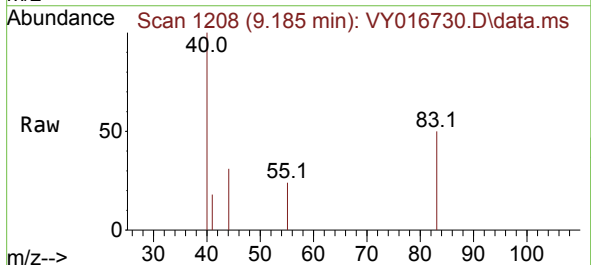


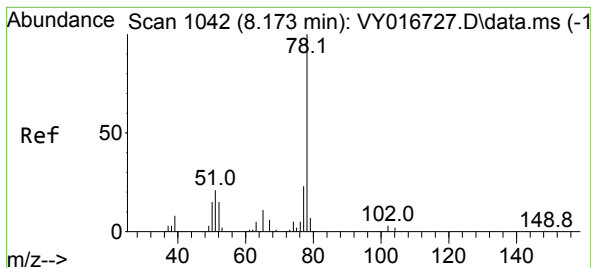
Tgt Ion:117 Resp: 1191
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.367 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Tgt Ion: 83 Resp: 121
Ion Ratio Lower Upper
83 100
55 47.6 59.7 89.5#
98 0.0 38.0 57.0#





#40

Benzene

Concen: 0.685 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.012 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

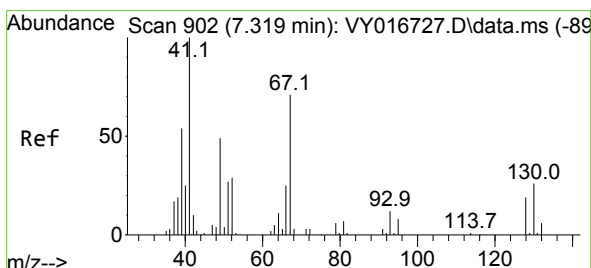
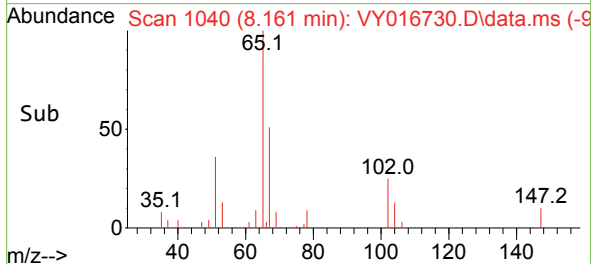
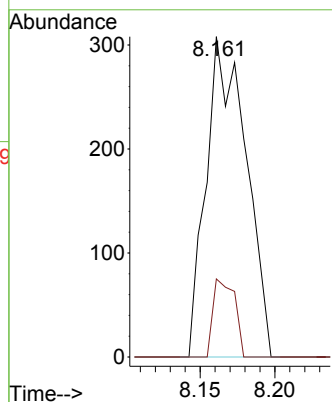
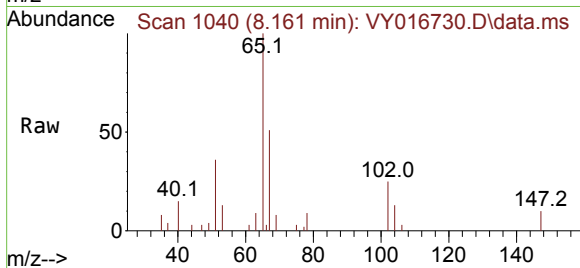
ClientSampleId :

Tgt Ion: 78 Resp: 569

Ion Ratio Lower Upper

78 100

77 24.4 18.8 28.2



#41

Methacrylonitrile

Concen: 0.339 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.012 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Tgt Ion: 41 Resp: 22

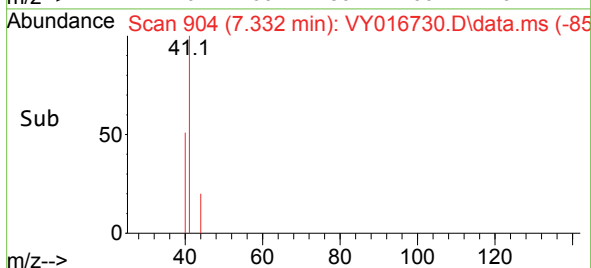
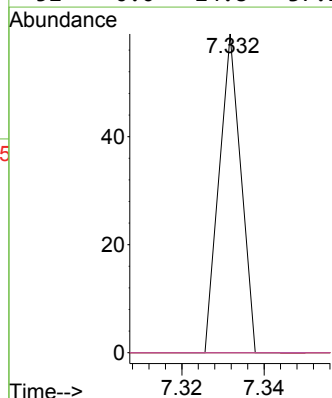
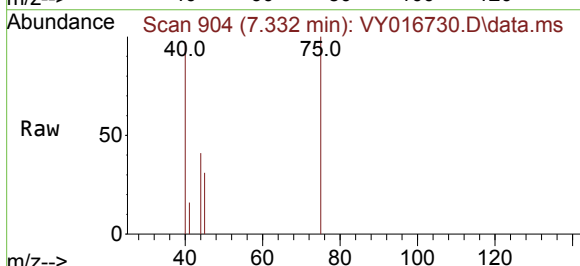
Ion Ratio Lower Upper

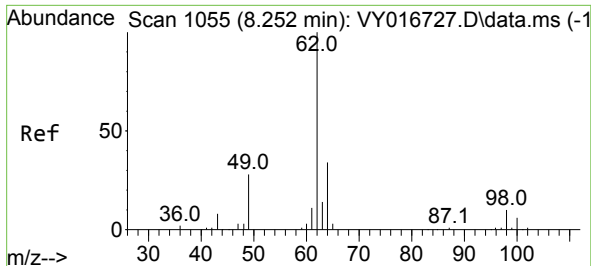
41 100

39 0.0 41.9 62.9#

67 0.0 59.8 89.6#

52 0.0 24.8 37.2#





#42

1,2-Dichloroethane

Concen: 0.817 ug/l

RT: 8.246 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

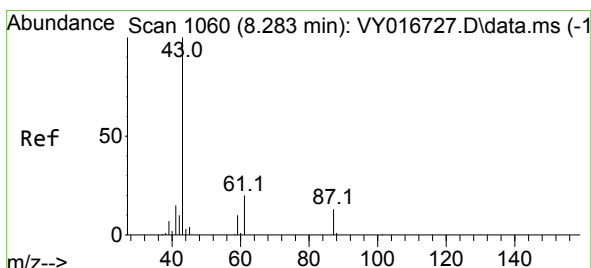
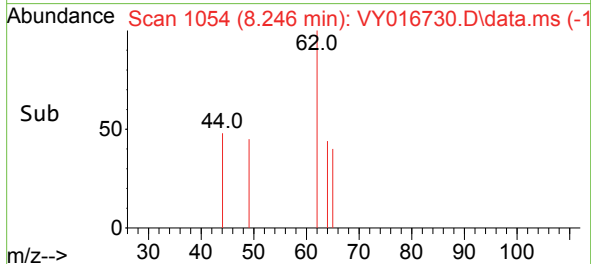
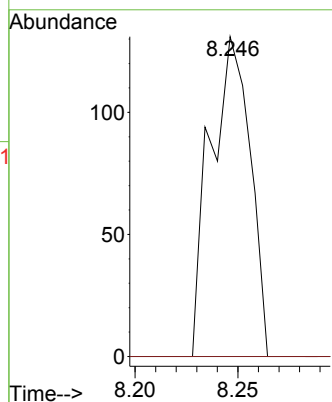
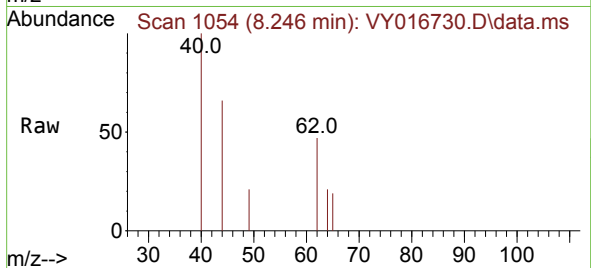
ClientSampleId :

Tgt Ion: 62 Resp: 177

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#43

Isopropyl Acetate

Concen: 0.109 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.146 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

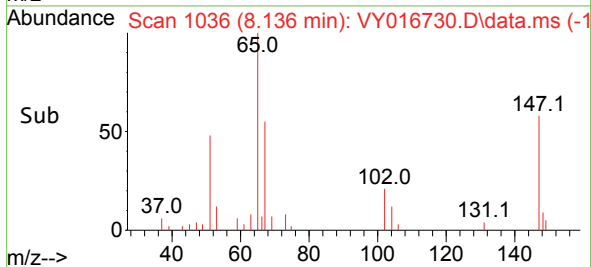
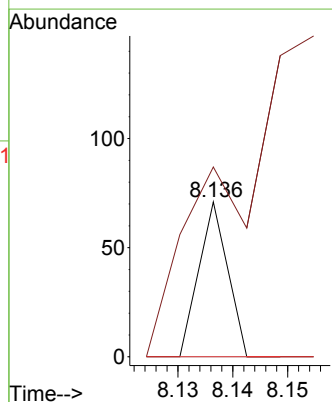
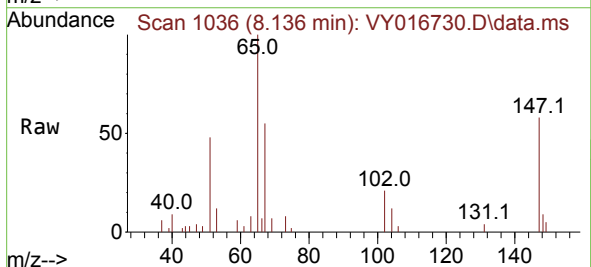
Tgt Ion: 43 Resp: 26

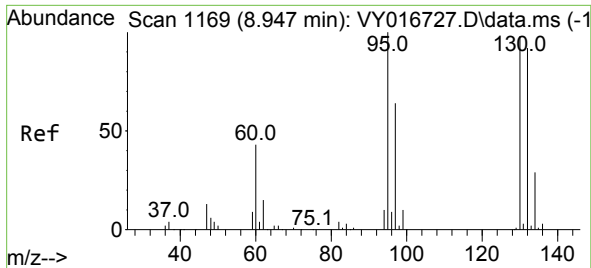
Ion Ratio Lower Upper

43 100

61 826.9 24.8 37.2#

87 0.0 10.7 16.1#

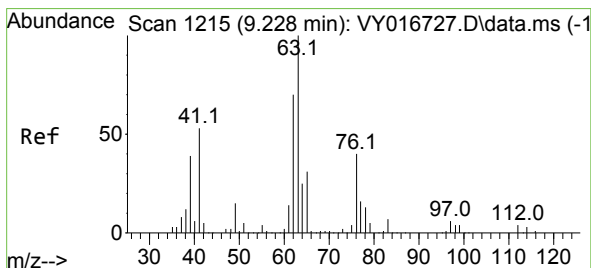
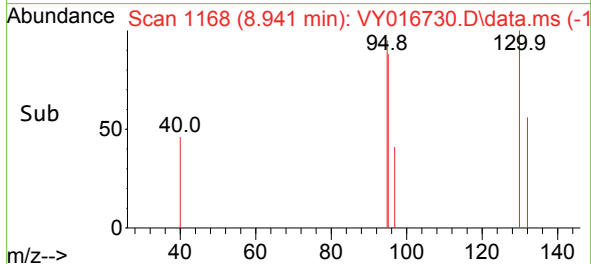
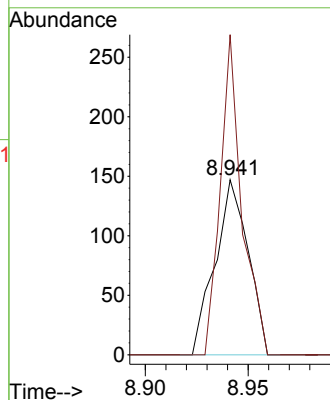
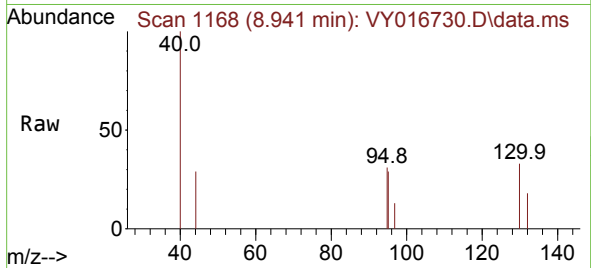




#44
Trichloroethene
Concen: 0.779 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

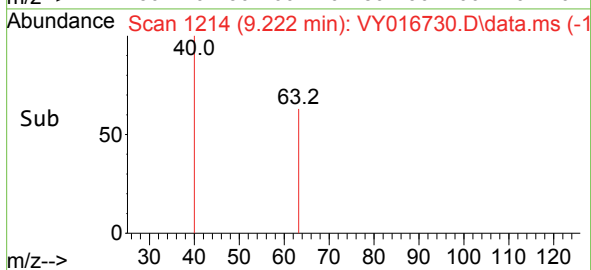
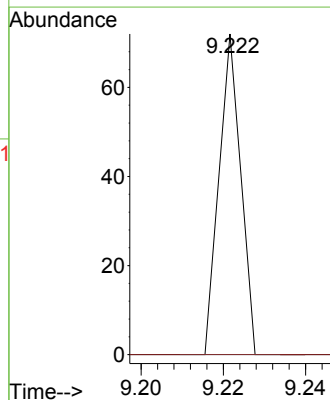
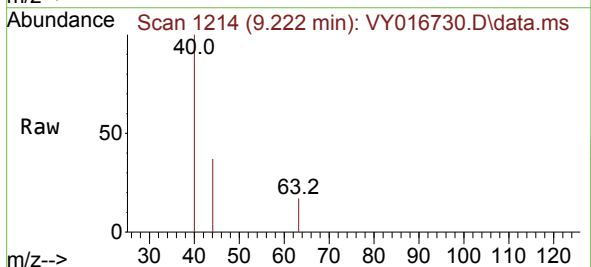
Instrument :
MSVOA_Y
ClientSampleId :

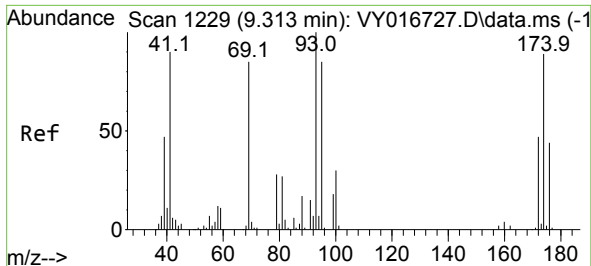
Tgt Ion:130 Resp: 165
Ion Ratio Lower Upper
130 100
95 183.0 0.0 203.8



#45
1,2-Dichloropropane
Concen: 0.125 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

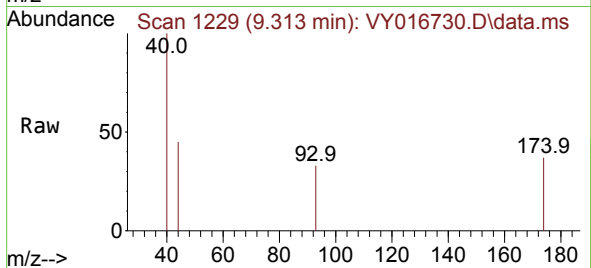
Tgt Ion: 63 Resp: 26
Ion Ratio Lower Upper
63 100
65 0.0 24.6 36.8#



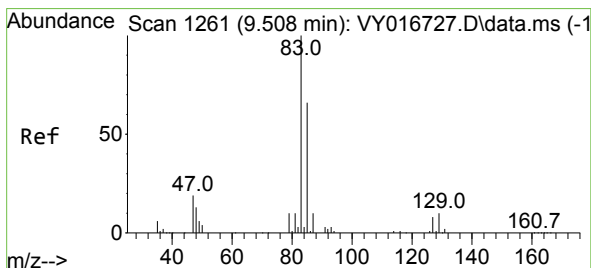
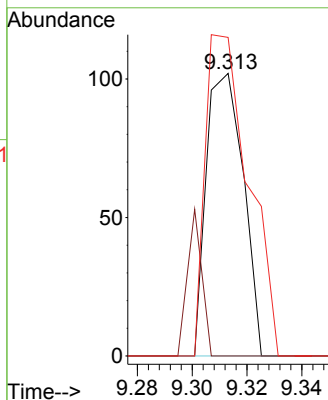
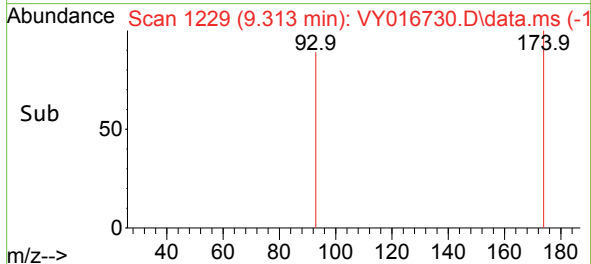


#46
Dibromomethane
Concen: 0.883 ug/l
RT: 9.313 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

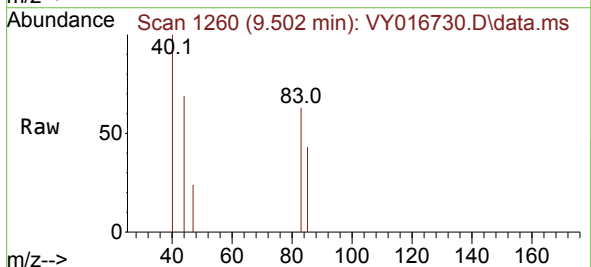
Instrument :
MSVOA_Y
ClientSampleId :



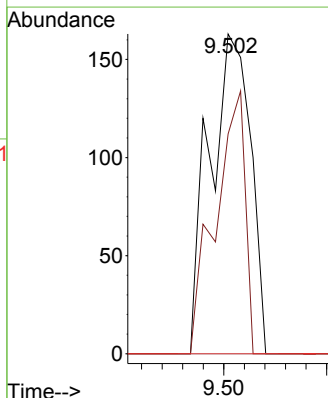
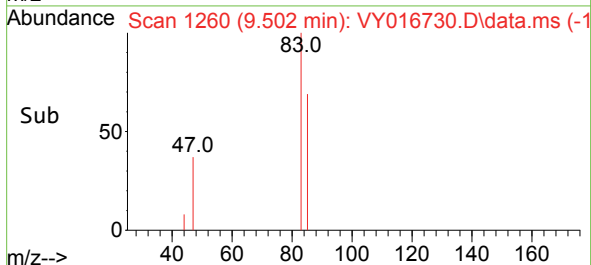
Tgt Ion: 93 Resp: 95
Ion Ratio Lower Upper
93 100
95 20.0 66.6 99.8#
174 133.7 73.8 110.6#

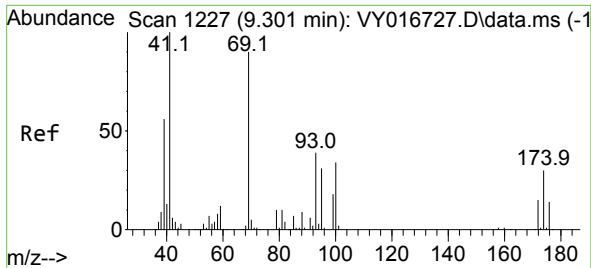


#47
Bromodichloromethane
Concen: 0.797 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44



Tgt Ion: 83 Resp: 226
Ion Ratio Lower Upper
83 100
85 68.7 53.2 79.8
127 0.0 6.4 9.6#

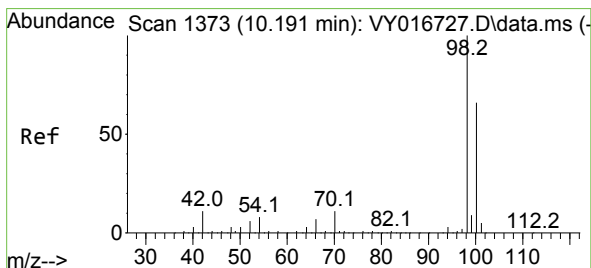
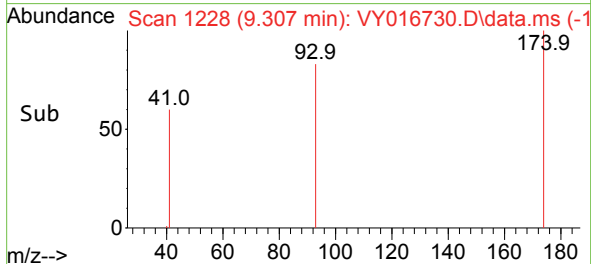
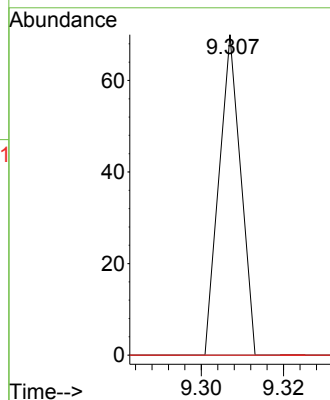
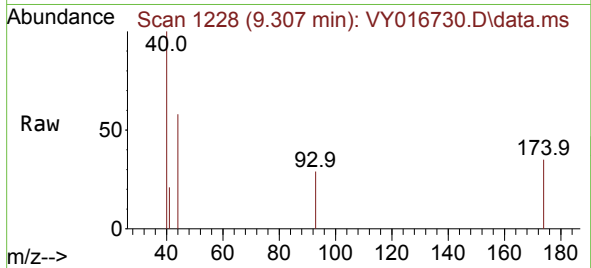




#48
Methyl methacrylate
Concen: 0.195 ug/l
RT: 9.307 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

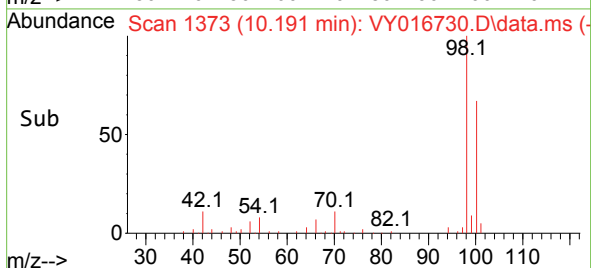
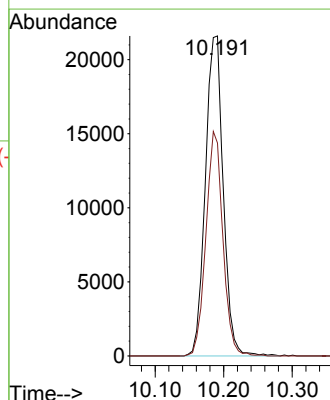
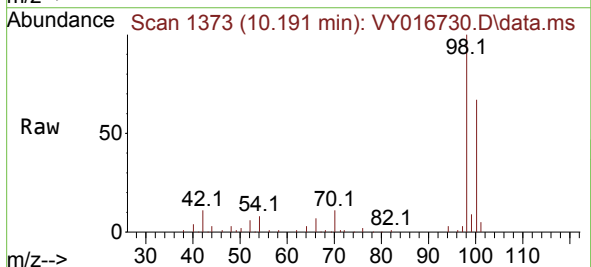
Instrument :
MSVOA_Y
ClientSampleId :

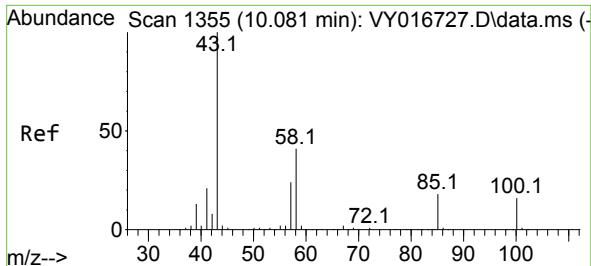
Tgt Ion: 41 Resp: 26
Ion Ratio Lower Upper
41 100
69 0.0 72.1 108.1#
39 0.0 42.8 64.2#



#50
Toluene-d8
Concen: 61.112 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Tgt Ion: 98 Resp: 39206
Ion Ratio Lower Upper
98 100
100 66.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 1.738 ug/l

RT: 10.081 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

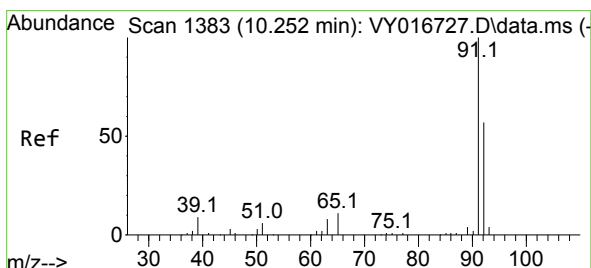
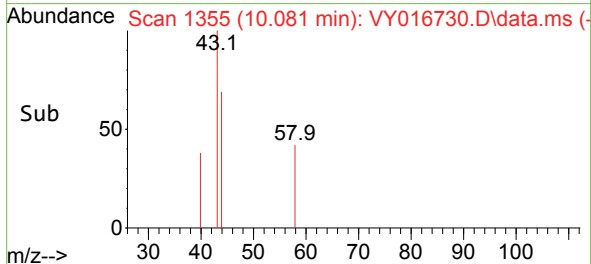
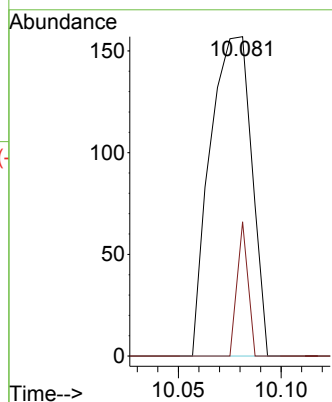
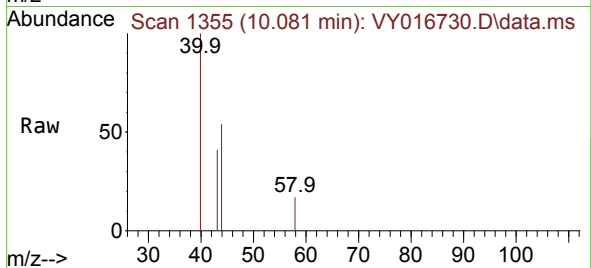
ClientSampleId :

Tgt Ion: 43 Resp: 220

Ion Ratio Lower Upper

43 100

58 10.9 32.2 48.2#



#52

Toluene

Concen: 1.130 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. -0.006 min

Lab File: VY016730.D

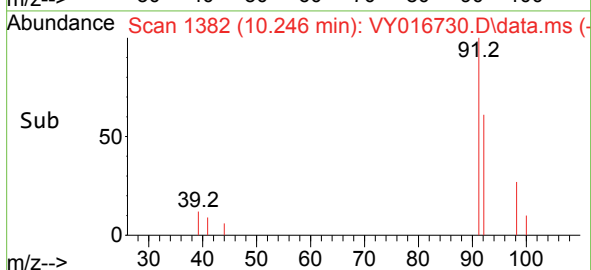
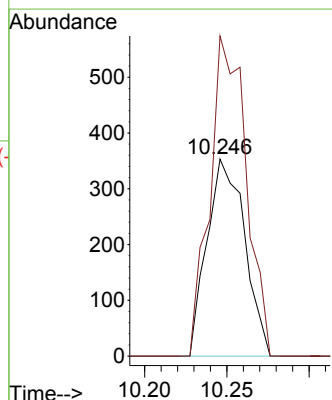
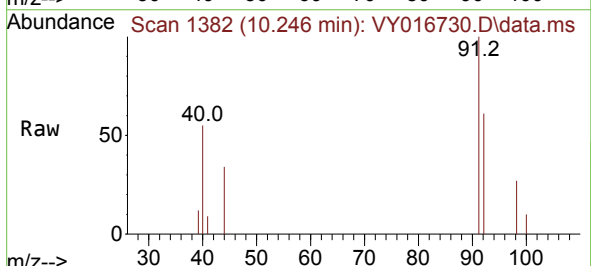
Acq: 20 Dec 2023 17:44

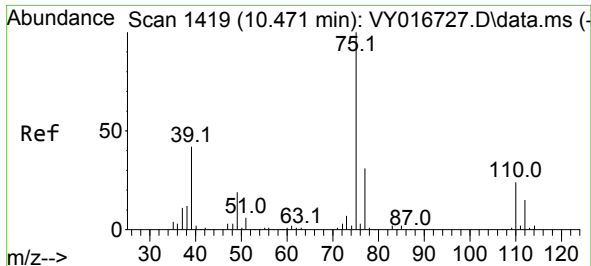
Tgt Ion: 92 Resp: 562

Ion Ratio Lower Upper

92 100

91 156.2 137.6 206.4

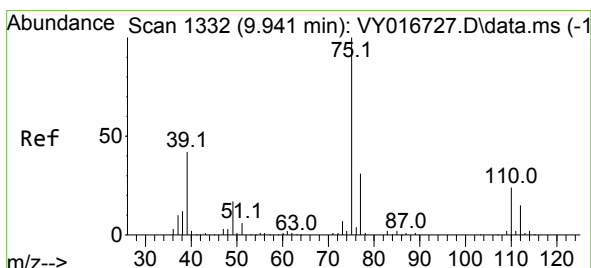
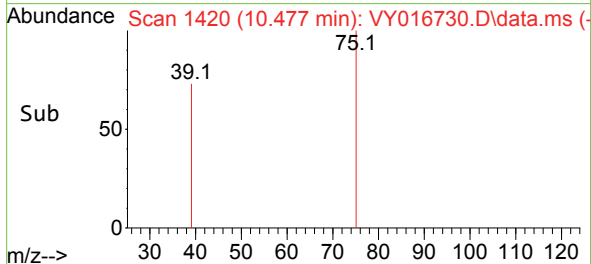
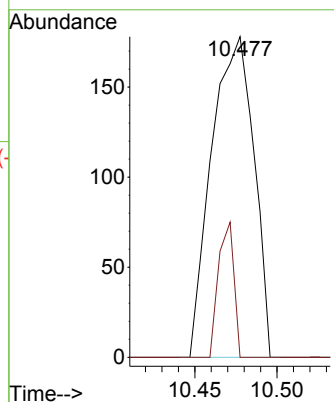
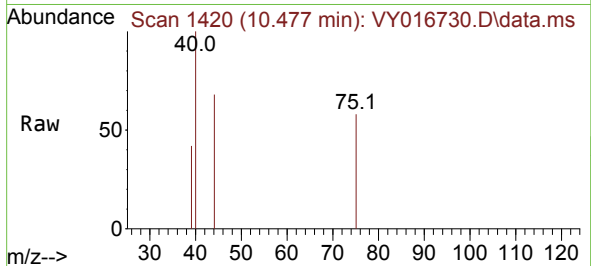




#53
 t-1,3-Dichloropropene
 Concen: 1.230 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016730.D
 Acq: 20 Dec 2023 17:44

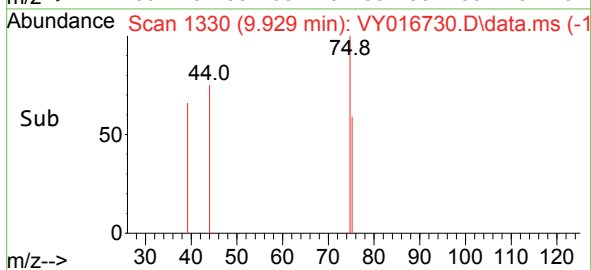
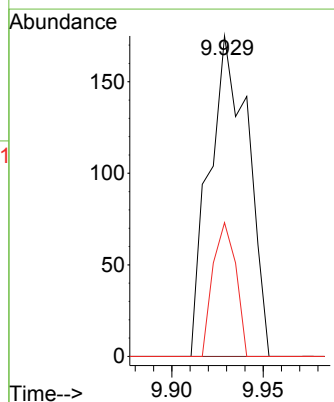
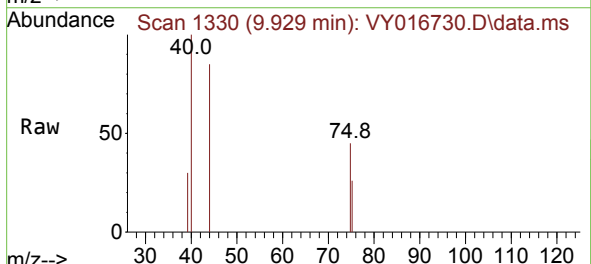
Instrument :
 MSVOA_Y
 ClientSampleId :

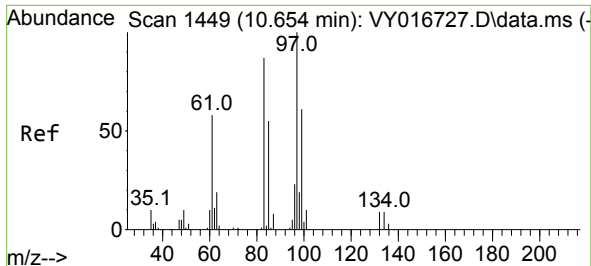
Tgt Ion: 75 Resp: 318
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#



#54
 cis-1,3-Dichloropropene
 Concen: 0.830 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.012 min
 Lab File: VY016730.D
 Acq: 20 Dec 2023 17:44

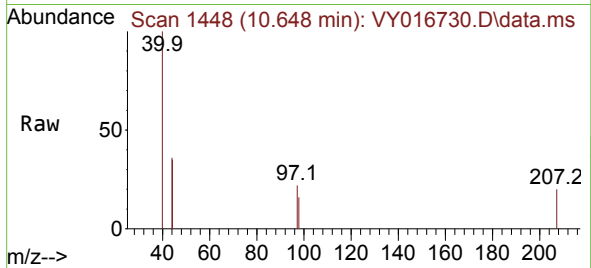
Tgt Ion: 75 Resp: 259
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 41.7 33.6 50.4



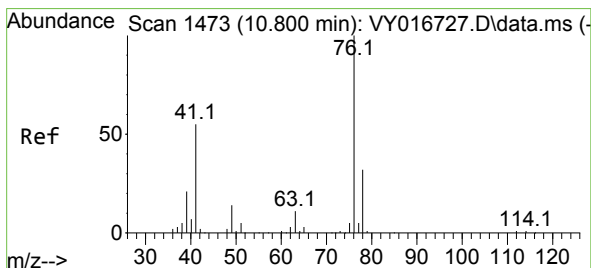
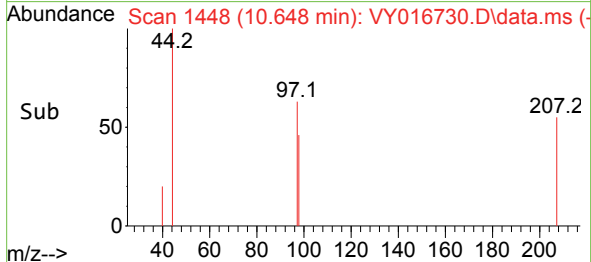
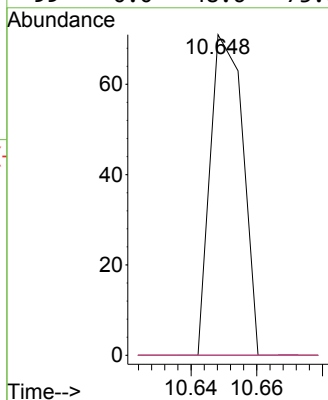


#55
 1,1,2-Trichloroethane
 Concen: 0.319 ug/l
 RT: 10.648 min Scan# 1448
 Delta R.T. -0.006 min
 Lab File: VY016730.D
 Acq: 20 Dec 2023 17:44

Instrument :
 MSVOA_Y
 ClientSampleId :

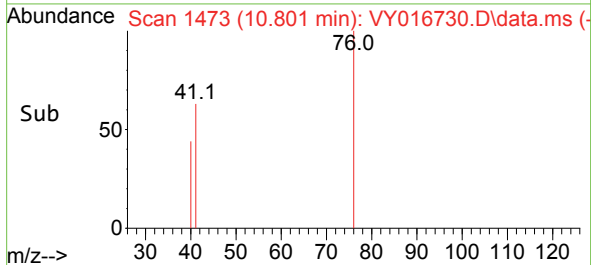
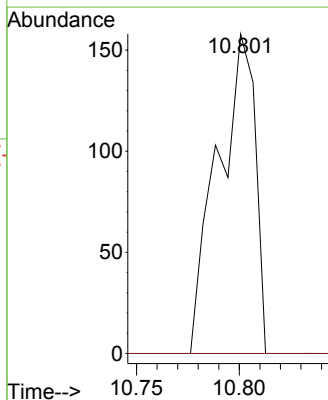
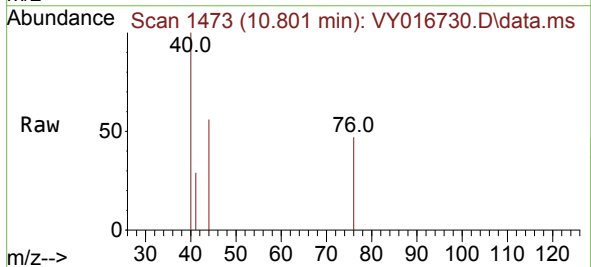


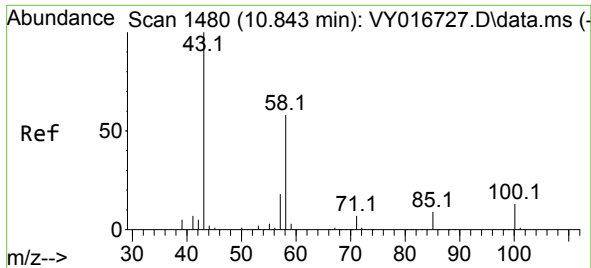
Tgt Ion: 97	Resp: 49
Ion Ratio	Lower Upper
97 100	
83 0.0	69.4 104.2#
85 0.0	43.9 65.9#
99 0.0	48.6 73.0#



#57
 1,3-Dichloropropane
 Concen: 0.767 ug/l
 RT: 10.801 min Scan# 1473
 Delta R.T. 0.001 min
 Lab File: VY016730.D
 Acq: 20 Dec 2023 17:44

Tgt Ion: 76	Resp: 200
Ion Ratio	Lower Upper
76 100	
78 0.0	26.1 39.1#

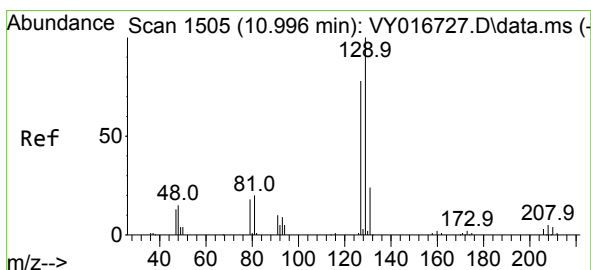
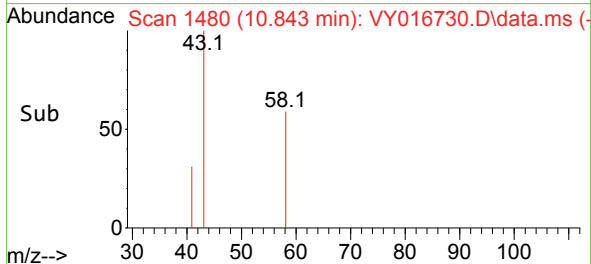
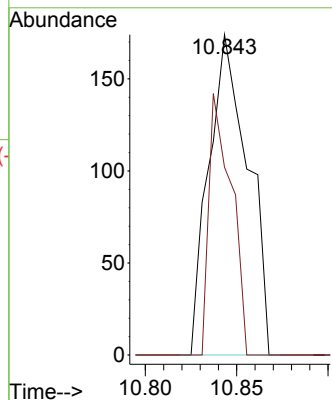
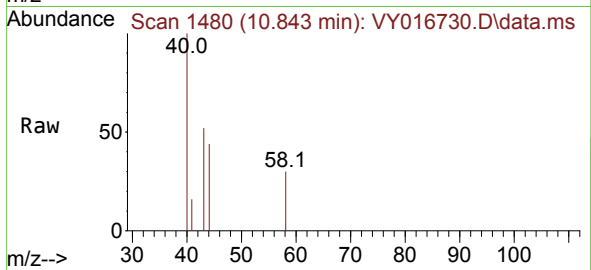




#59
2-Hexanone
Concen: 2.745 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

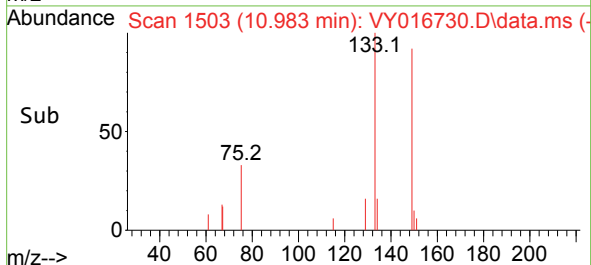
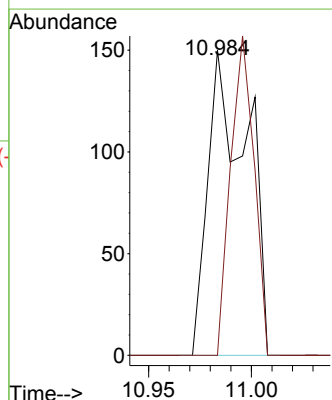
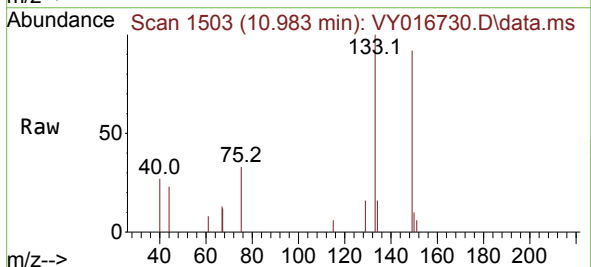
Instrument :
MSVOA_Y
ClientSampleId :

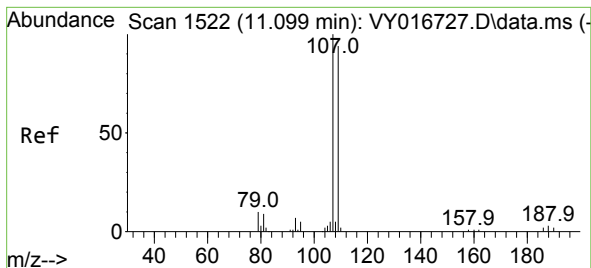
Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
58 46.7 28.1 84.3



#60
Dibromochloromethane
Concen: 1.109 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.012 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Tgt Ion: 129 Resp: 197
Ion Ratio Lower Upper
129 100
127 62.9 39.2 117.6

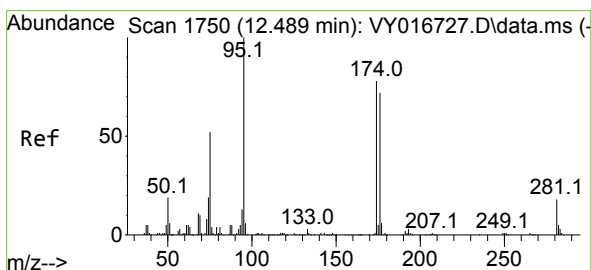
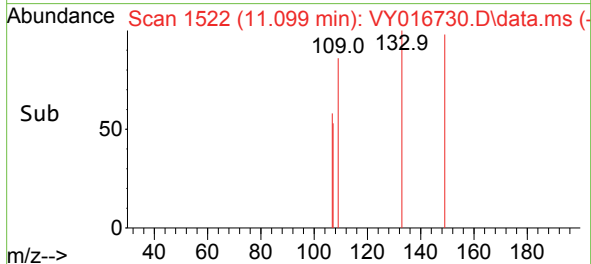
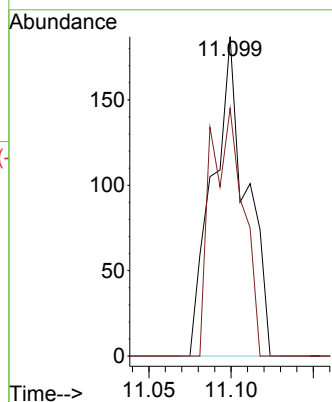
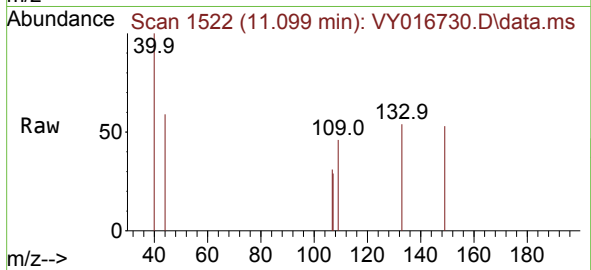




#61
1,2-Dibromoethane
Concen: 1.925 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

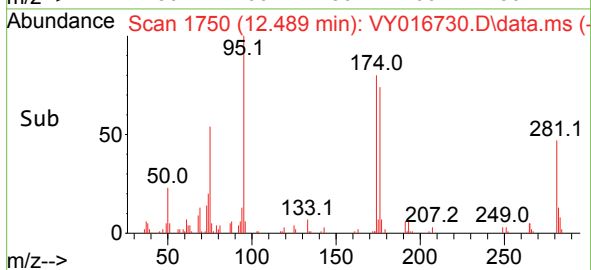
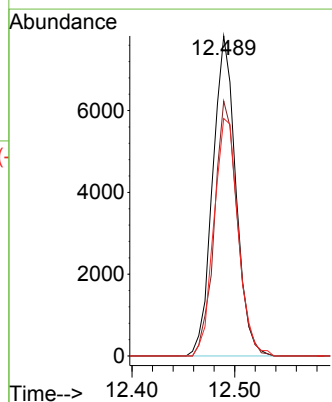
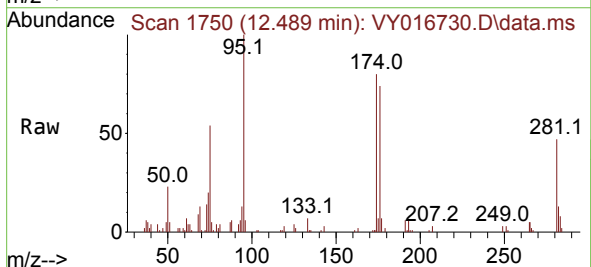
Instrument :
MSVOA_Y
ClientSampleId :

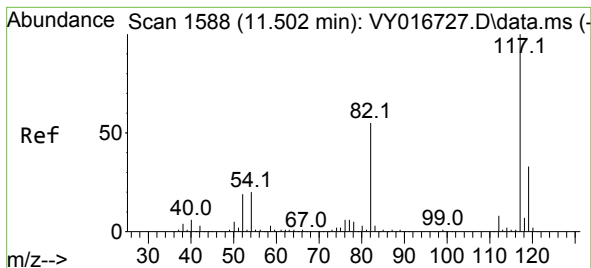
Tgt Ion:107 Resp: 265
Ion Ratio Lower Upper
107 100
109 75.1 75.4 113.2#



#62
4-Bromofluorobenzene
Concen: 58.827 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Tgt Ion: 95 Resp: 12244
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.0
176 77.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

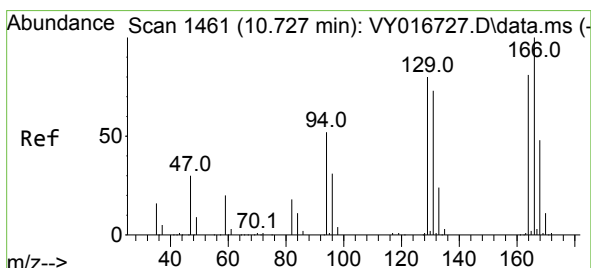
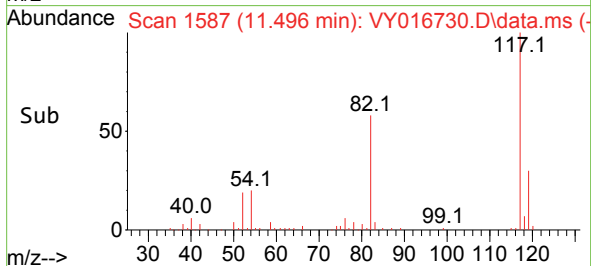
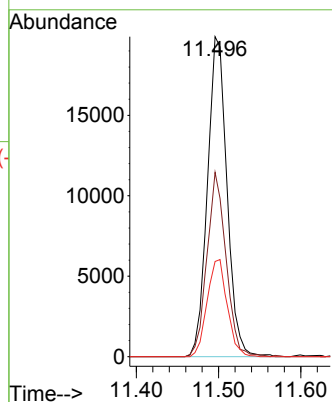
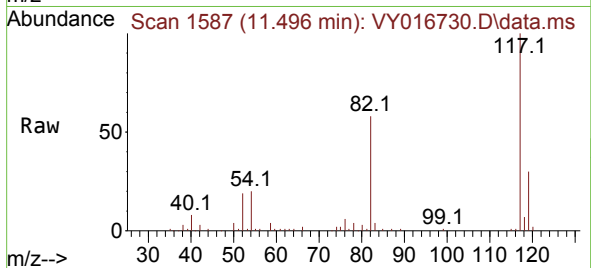
Tgt Ion:117 Resp: 32810

Ion Ratio Lower Upper

117 100

82 57.6 43.8 65.8

119 29.8 26.5 39.7



#64

Tetrachloroethene

Concen: 0.903 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Tgt Ion:164 Resp: 184

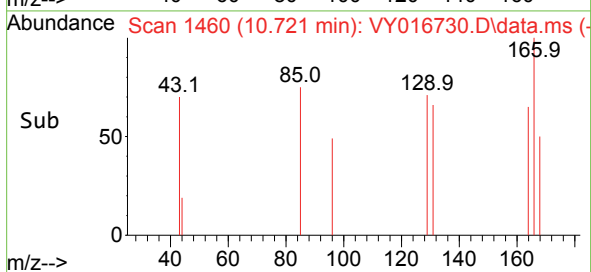
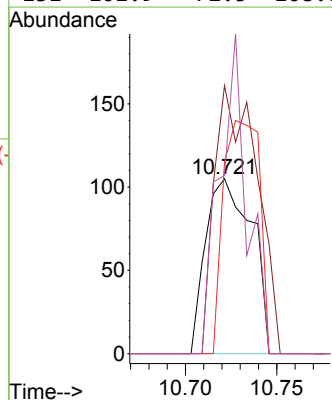
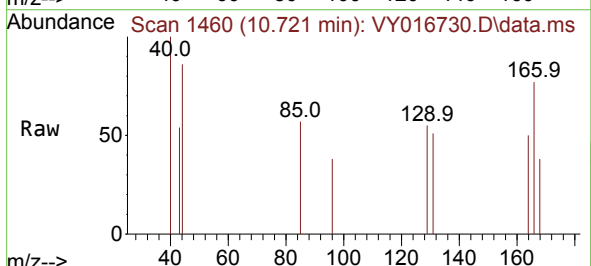
Ion Ratio Lower Upper

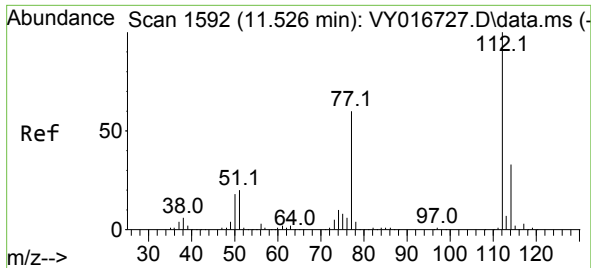
164 100

166 153.3 98.8 148.2#

129 109.5 78.9 118.3

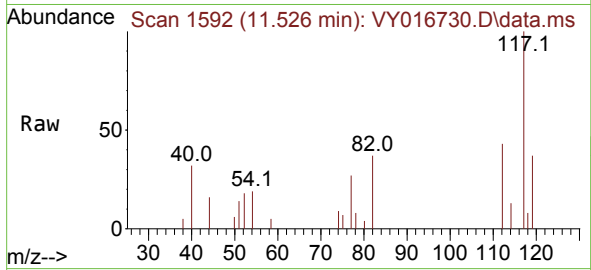
131 101.9 72.5 108.7



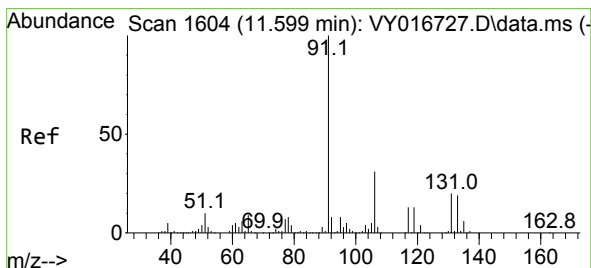
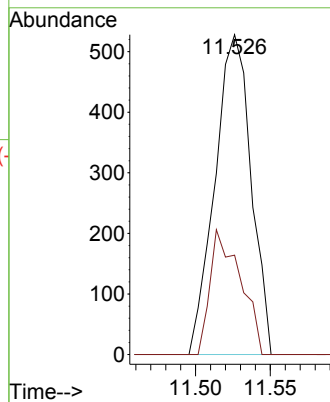
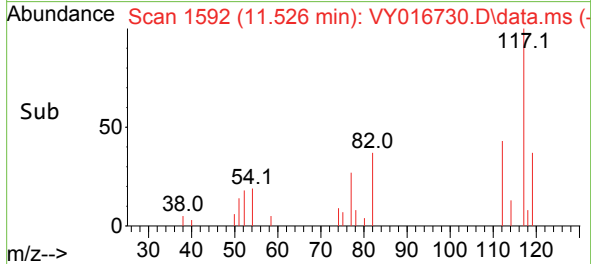


#65
Chlorobenzene
Concen: 1.374 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

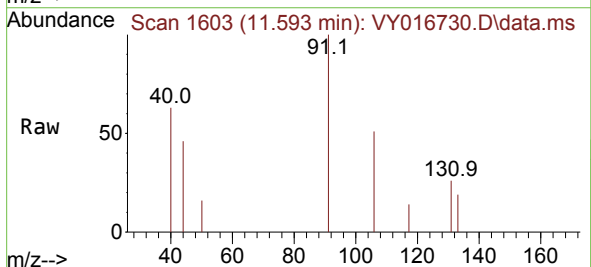
Instrument :
MSVOA_Y
ClientSampleId :



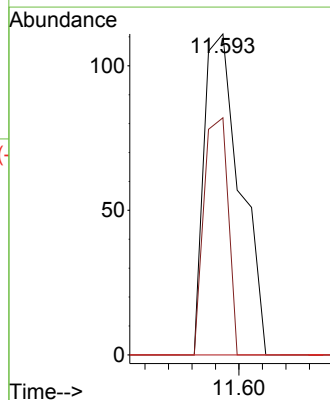
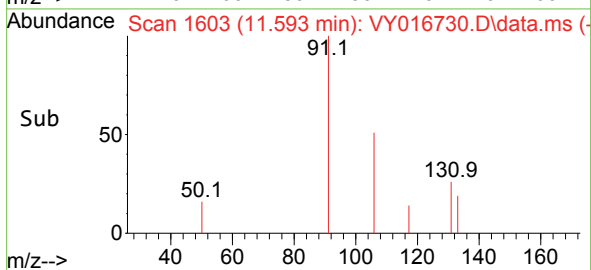
Tgt Ion:112 Resp: 886
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1

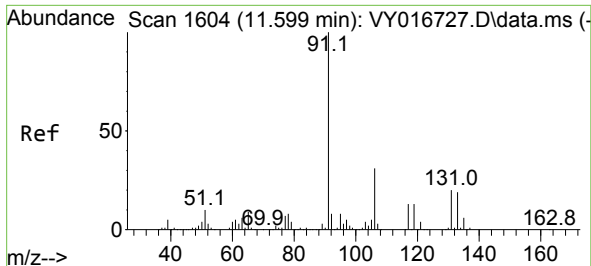


#66
1,1,1,2-Tetrachloroethane
Concen: 0.491 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44



Tgt Ion:131 Resp: 119
Ion Ratio Lower Upper
131 100
133 49.6 47.0 141.0
119 0.0 33.3 99.9#





#67

Ethyl Benzene

Concen: 0.861 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

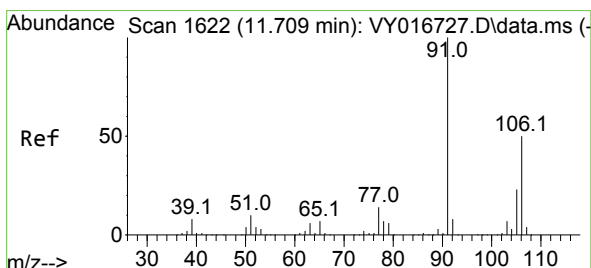
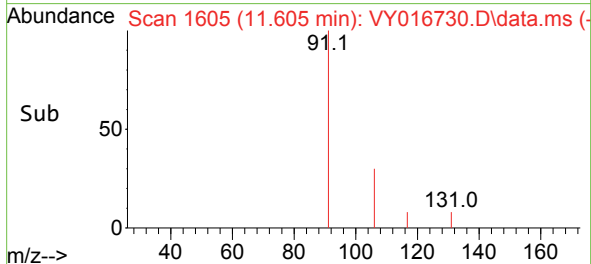
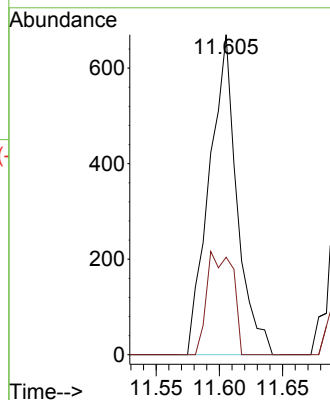
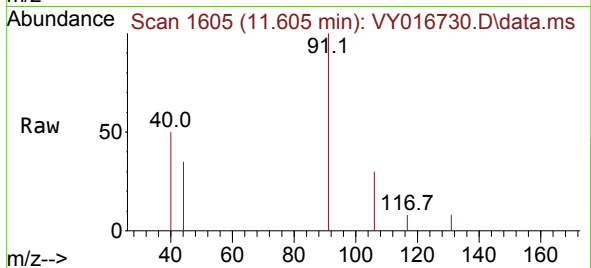
ClientSampleId :

Tgt Ion: 91 Resp: 1022

Ion Ratio Lower Upper

91 100

106 30.4 25.0 37.4



#68

m/p-Xylenes

Concen: 1.993 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016730.D

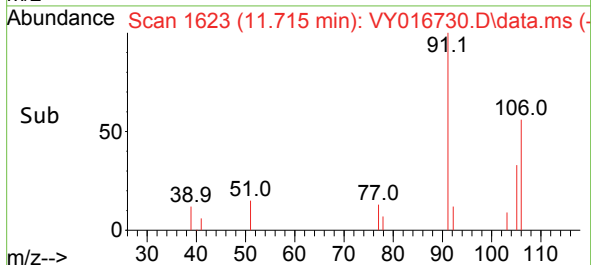
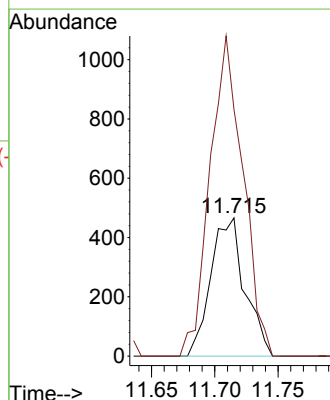
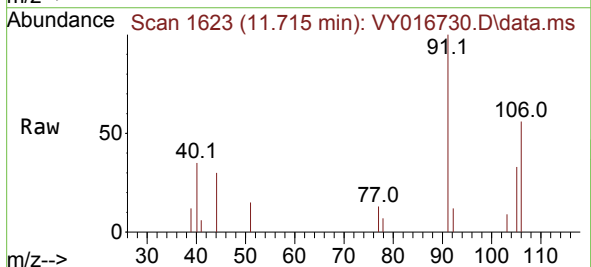
Acq: 20 Dec 2023 17:44

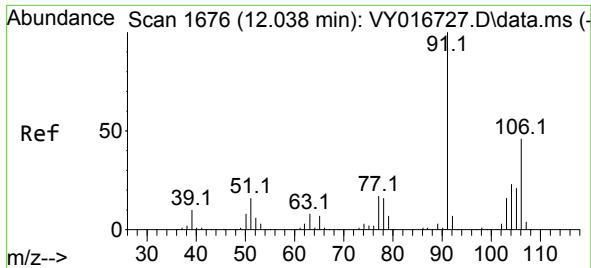
Tgt Ion: 106 Resp: 873

Ion Ratio Lower Upper

106 100

91 225.1 160.7 241.1

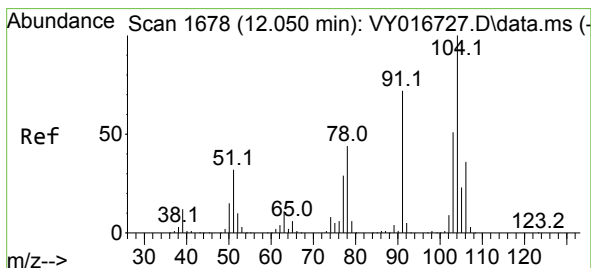
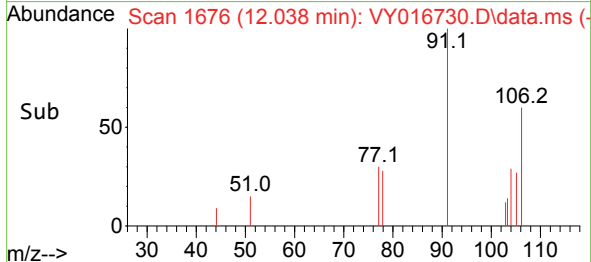
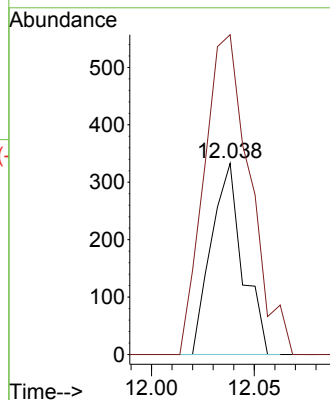
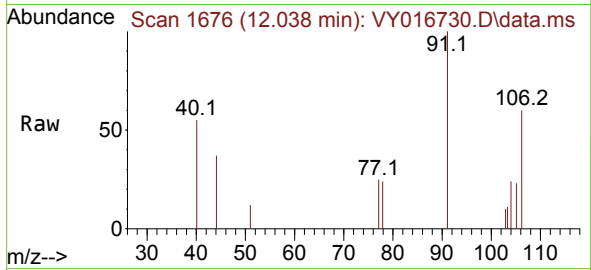




#69
o-Xylene
Concen: 0.881 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

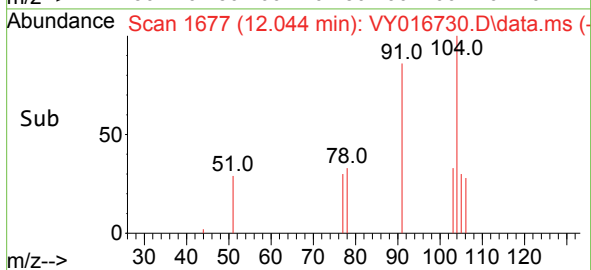
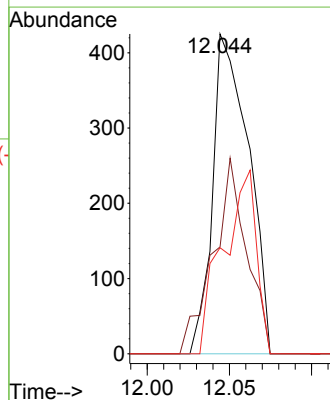
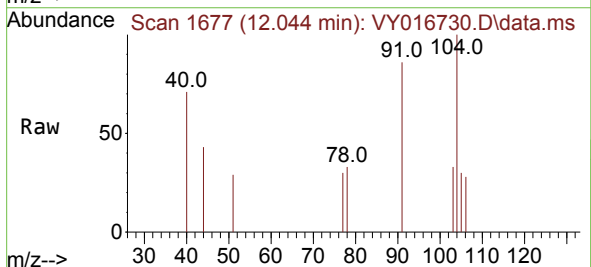
Instrument :
MSVOA_Y
ClientSampleId :

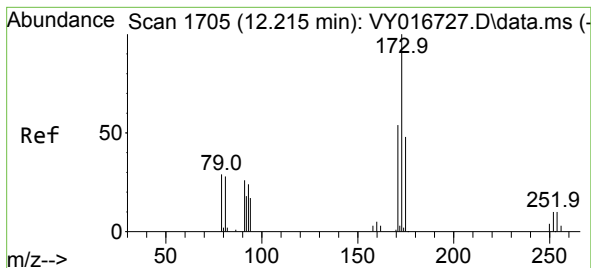
Tgt Ion:106 Resp: 354
Ion Ratio Lower Upper
106 100
91 244.4 106.5 319.5



#70
Styrene
Concen: 1.086 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Tgt Ion:104 Resp: 646
Ion Ratio Lower Upper
104 100
78 56.8 39.2 58.8
103 53.3 43.8 65.6





#71

Bromoform

Concen: 0.968 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.006 min

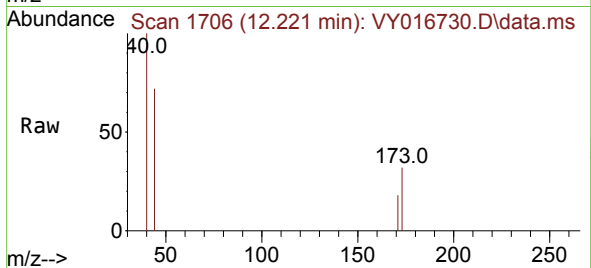
Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :



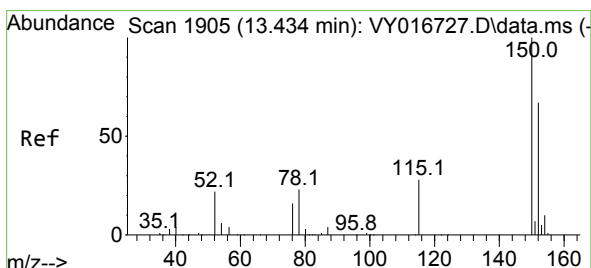
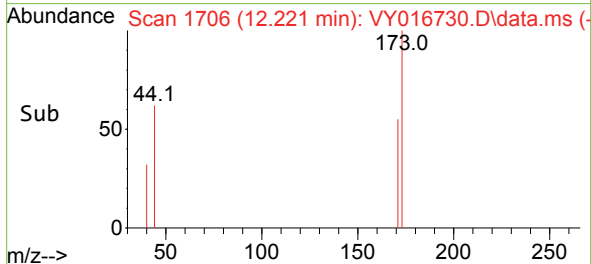
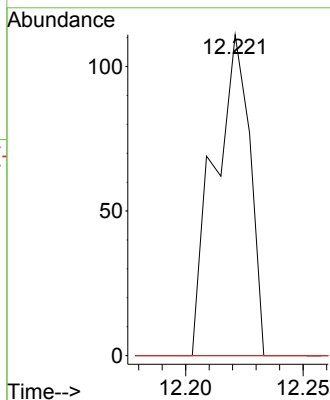
Tgt Ion:173 Resp: 117

Ion Ratio Lower Upper

173 100

175 0.0 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: VY016730.D

Acq: 20 Dec 2023 17:44

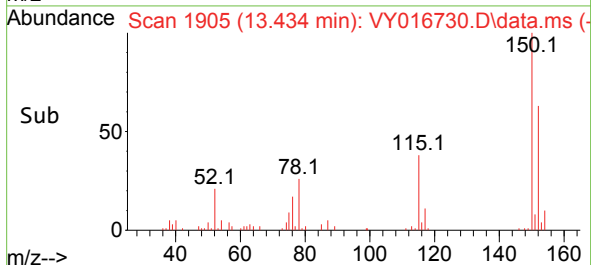
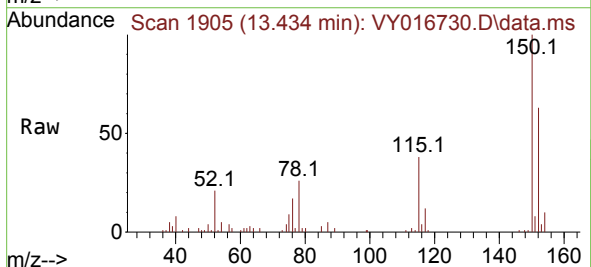
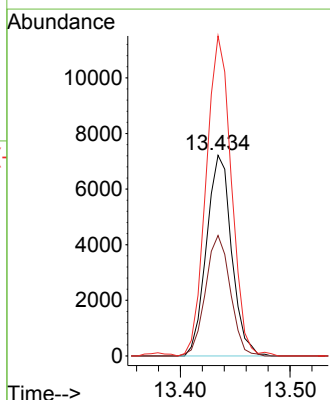
Tgt Ion:152 Resp: 11508

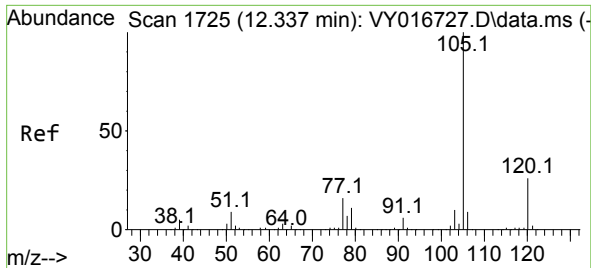
Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 159.8 0.0 344.6

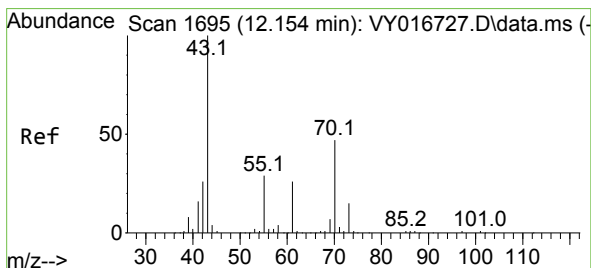
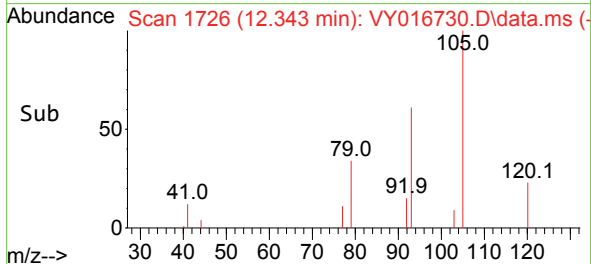
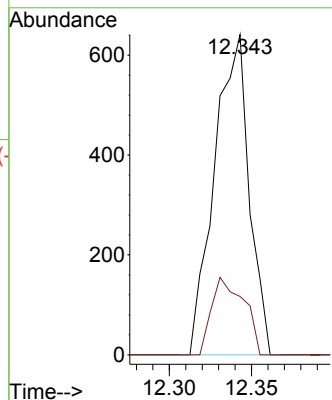
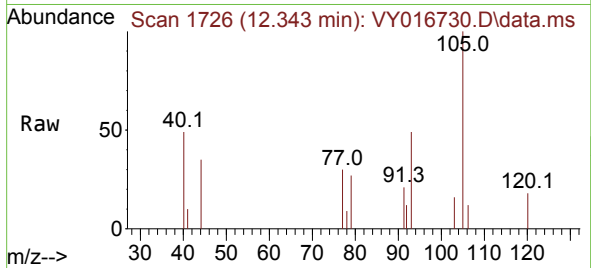




#73
Isopropylbenzene
Concen: 1.048 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

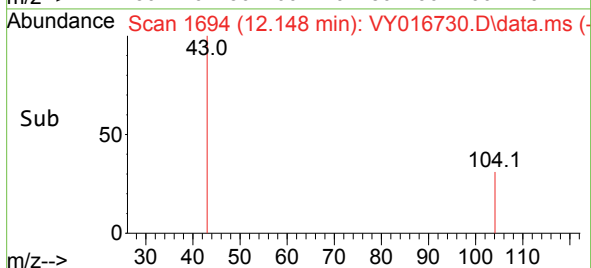
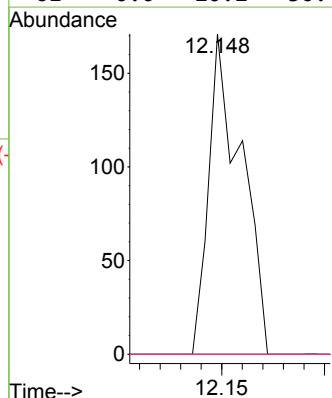
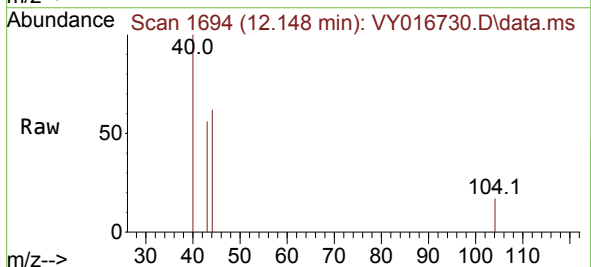
Instrument :
MSVOA_Y
ClientSampleId :

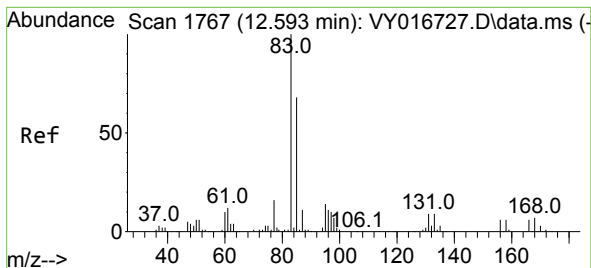
Tgt Ion:105 Resp: 939
Ion Ratio Lower Upper
105 100
120 22.6 13.0 39.0



#74
N-ethyl acetate
Concen: 1.002 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Tgt Ion: 43 Resp: 189
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 0.0 22.2 33.4#
61 0.0 20.2 30.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.251 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016730.D

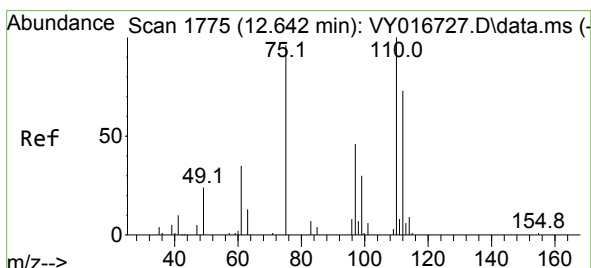
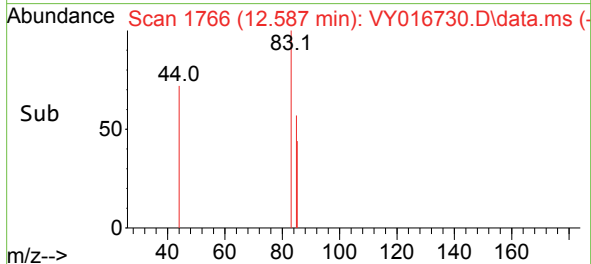
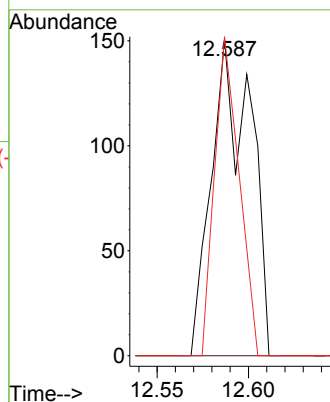
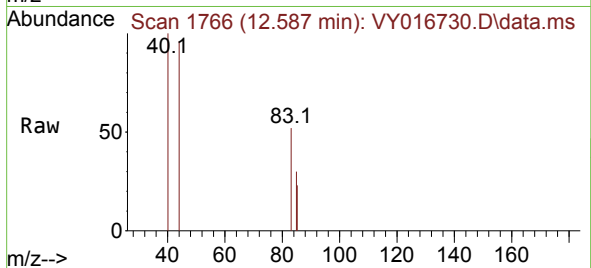
Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp:	224
Ion Ratio	Lower	Upper
83	100	
131	0.0	4.9
85	62.9	32.6
		98.0



#76

1,2,3-Trichloropropane

Concen: 2.810 ug/l

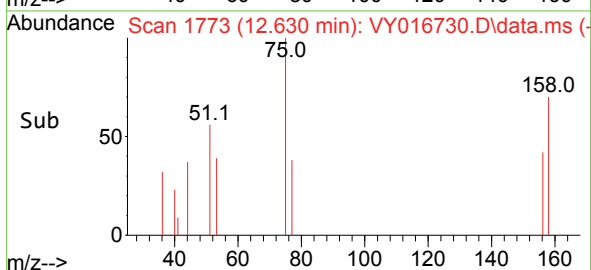
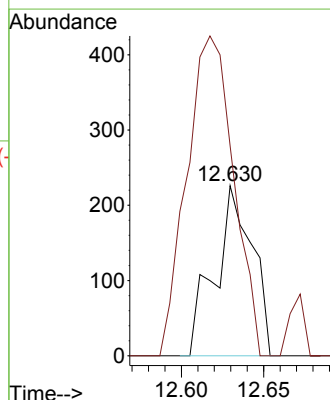
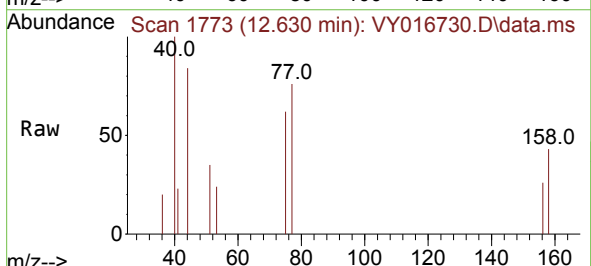
RT: 12.630 min Scan# 1773

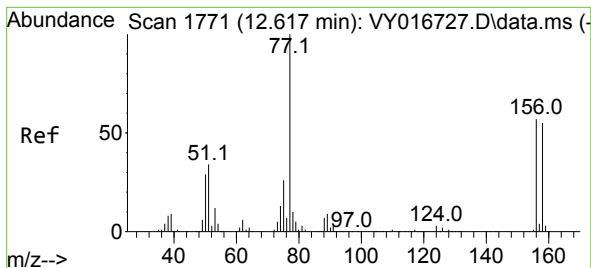
Delta R.T. -0.012 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Tgt Ion: 75	Resp:	358
Ion Ratio	Lower	Upper
75	100	
77	234.6	0.0
		0.0#





#77

Bromobenzene

Concen: 2.440 ug/l

RT: 12.617 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

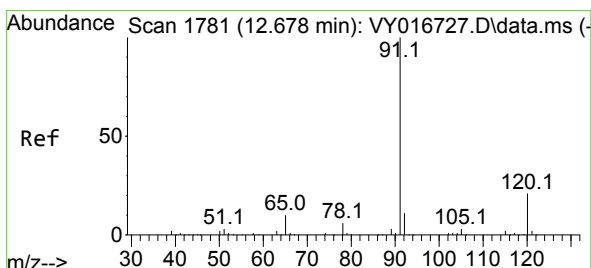
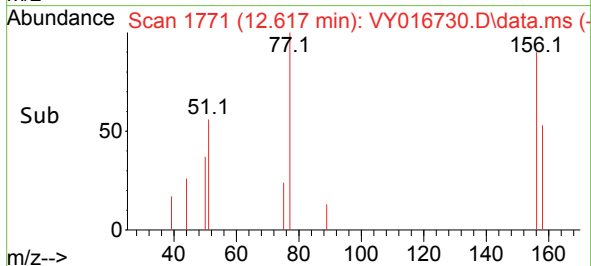
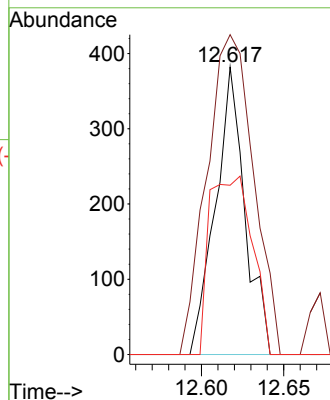
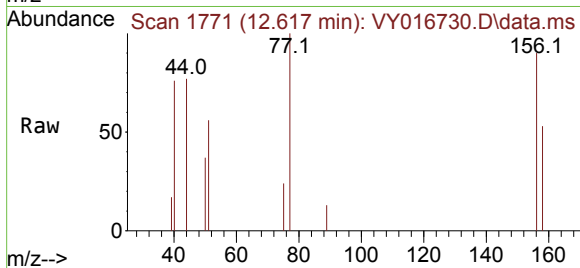
Tgt Ion:156 Resp: 477

Ion Ratio Lower Upper

156 100

77 176.1 97.3 291.8

158 90.1 48.4 145.0



#78

n-propylbenzene

Concen: 1.361 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016730.D

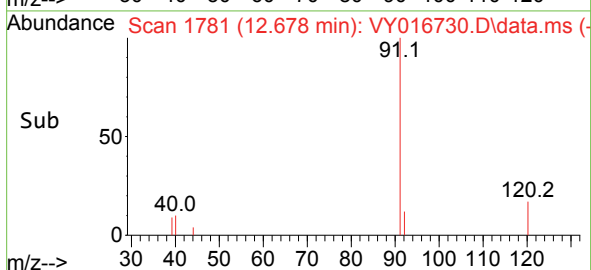
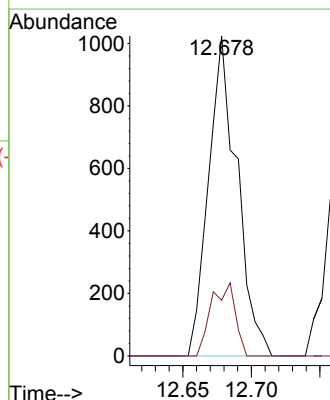
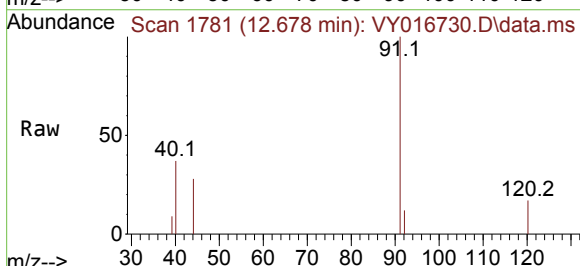
Acq: 20 Dec 2023 17:44

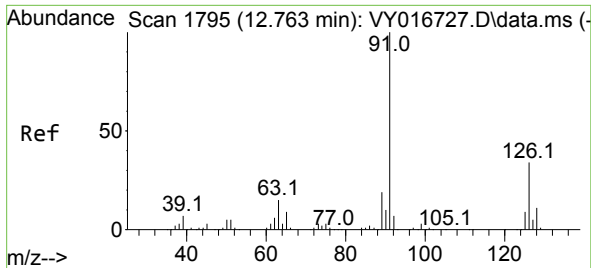
Tgt Ion: 91 Resp: 1478

Ion Ratio Lower Upper

91 100

120 19.2 11.0 33.0

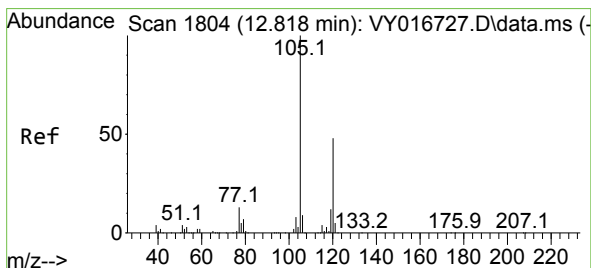
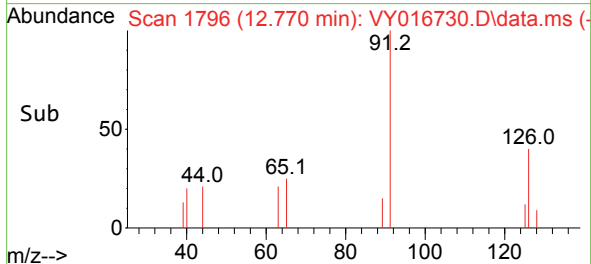
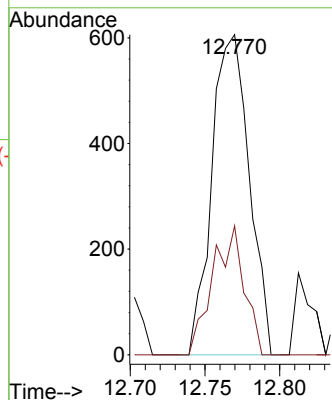
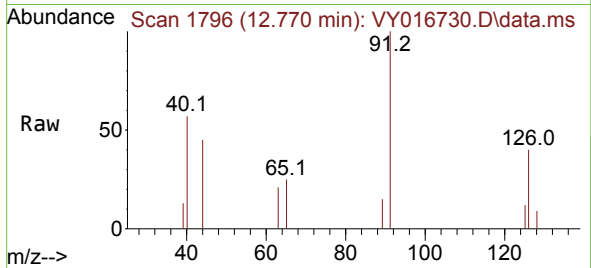




#79
2-Chlorotoluene
Concen: 1.754 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

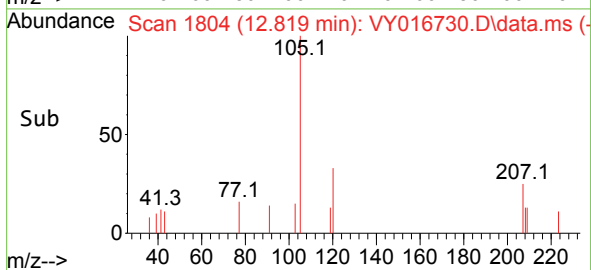
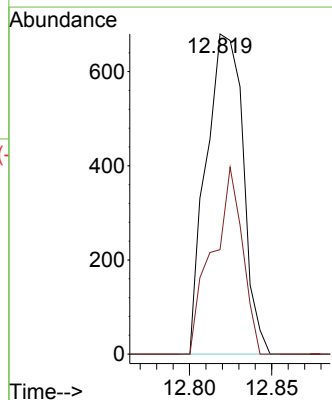
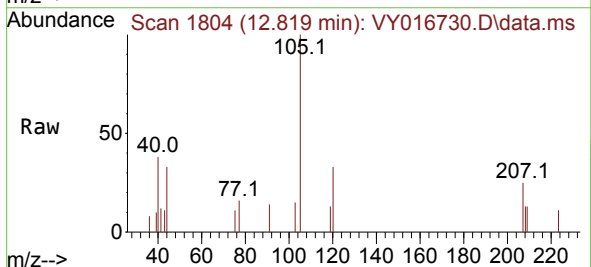
Instrument :
MSVOA_Y
ClientSampleId :

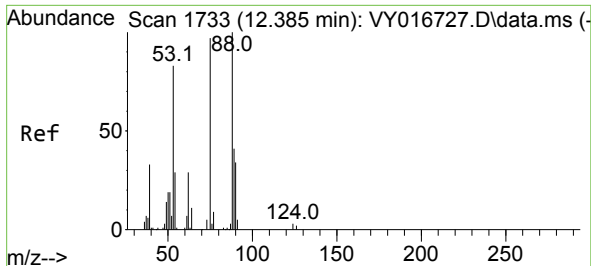
Tgt Ion: 91 Resp: 1054
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 1.494 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

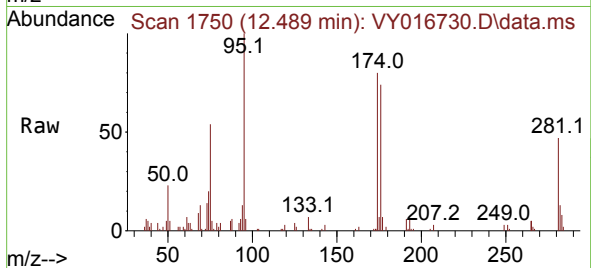
Tgt Ion: 105 Resp: 1060
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.8



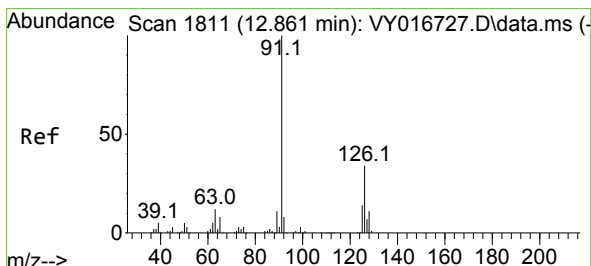
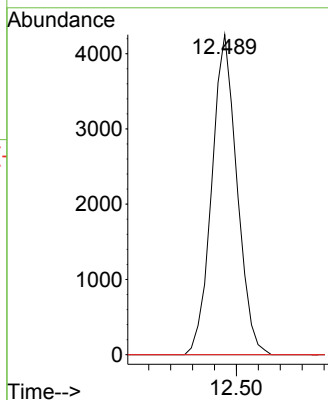
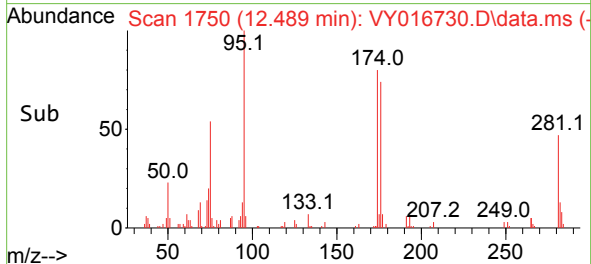


#81
trans-1,4-Dichloro-2-butene
Concen: 125.272 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

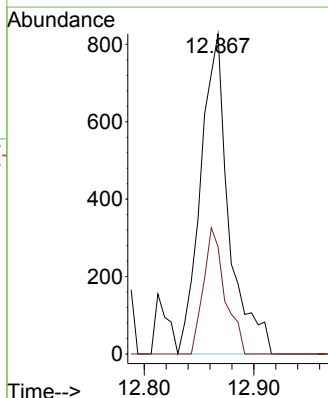
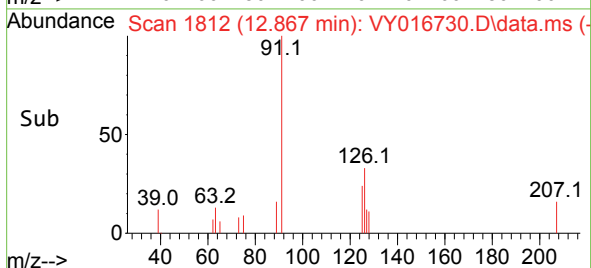
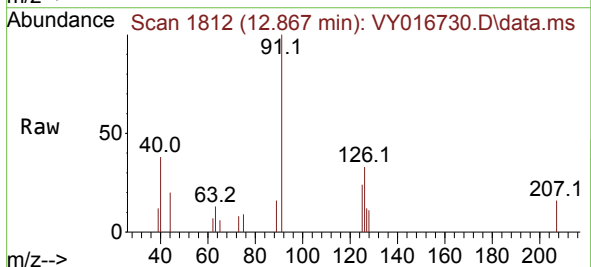


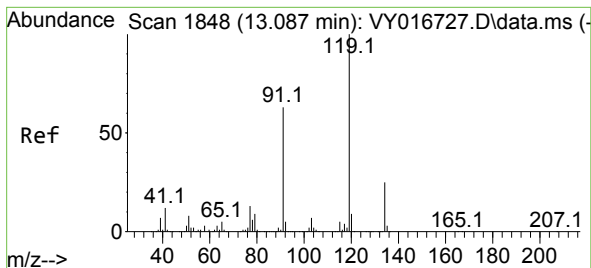
Tgt Ion: 75 Resp: 6786
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#82
4-Chlorotoluene
Concen: 2.396 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Tgt Ion: 91 Resp: 1477
Ion Ratio Lower Upper
91 100
126 30.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 1.128 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.006 min

Lab File: VY016730.D

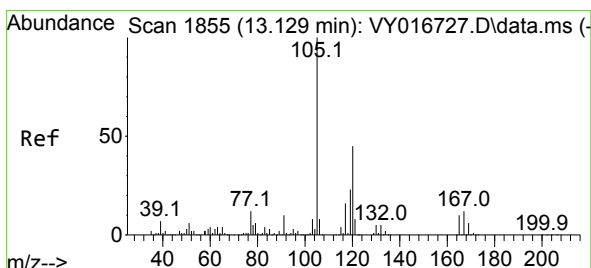
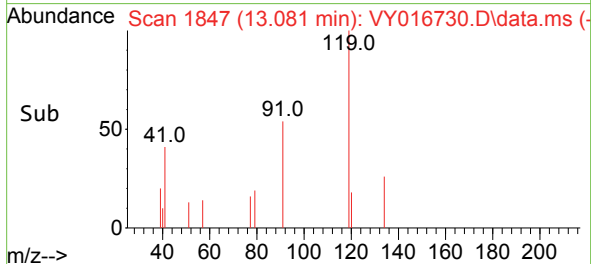
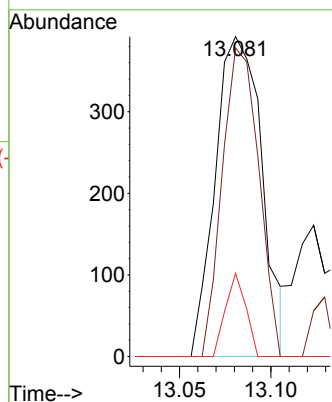
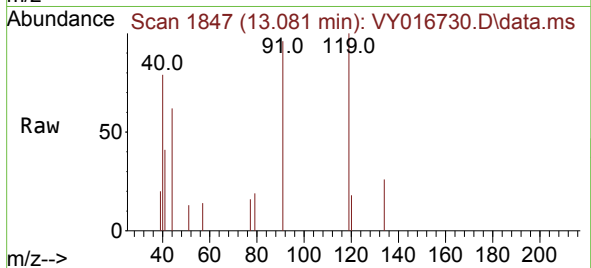
Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:119	Resp:	696
Ion	Ratio	Lower Upper
119	100	
91	75.6	31.5 94.5
134	11.4	13.1 39.3#



#84

1,2,4-Trimethylbenzene

Concen: 1.615 ug/l

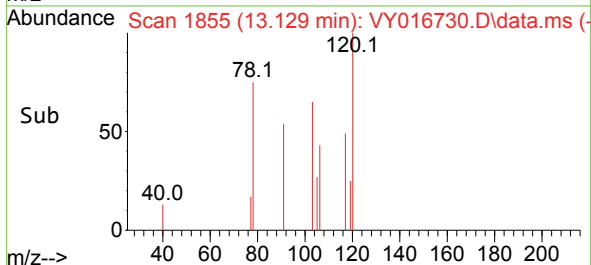
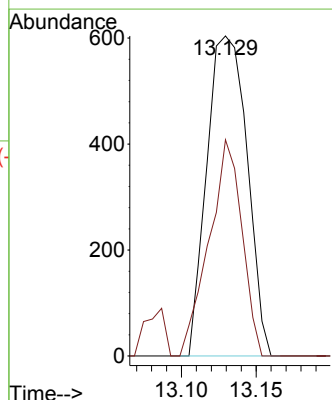
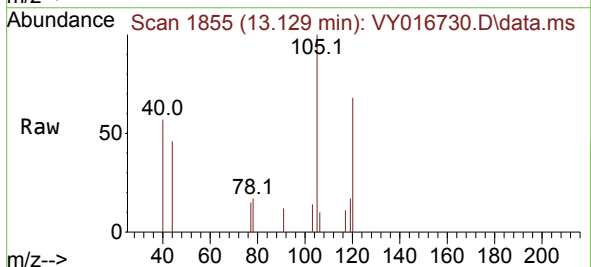
RT: 13.129 min Scan# 1855

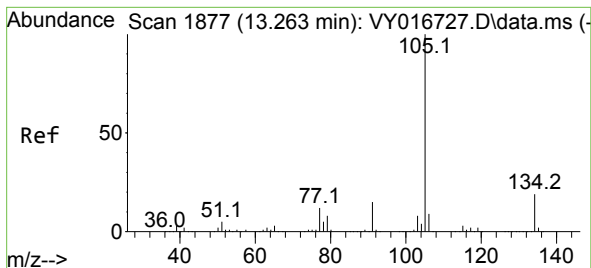
Delta R.T. 0.000 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Tgt Ion:105	Resp:	1130
Ion	Ratio	Lower Upper
105	100	
120	55.2	22.1 66.3





#85

sec-Butylbenzene

Concen: 1.243 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

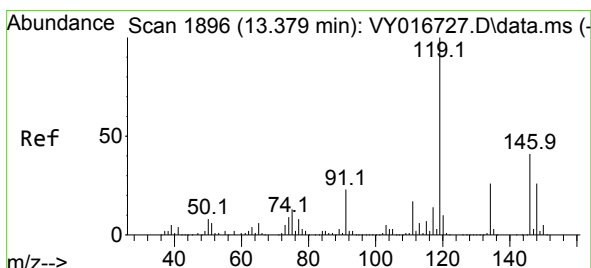
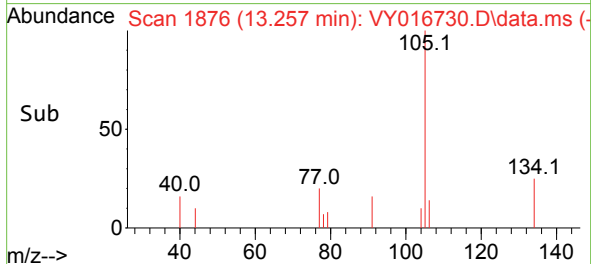
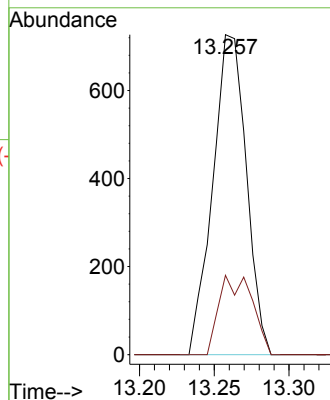
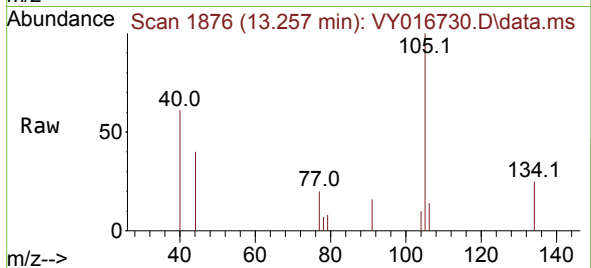
ClientSampleId :

Tgt Ion:105 Resp: 1136

Ion Ratio Lower Upper

105 100

134 24.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 1.726 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

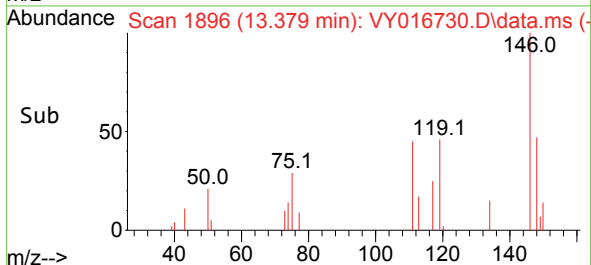
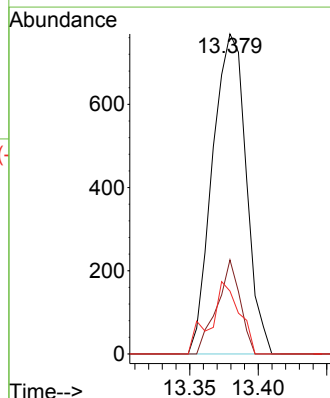
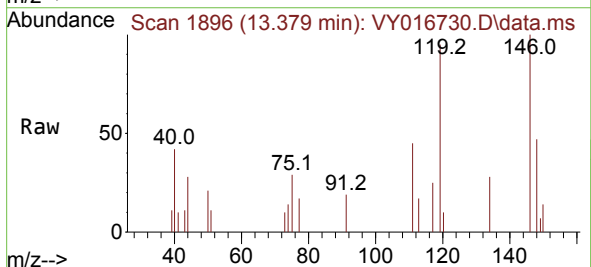
Tgt Ion:119 Resp: 1314

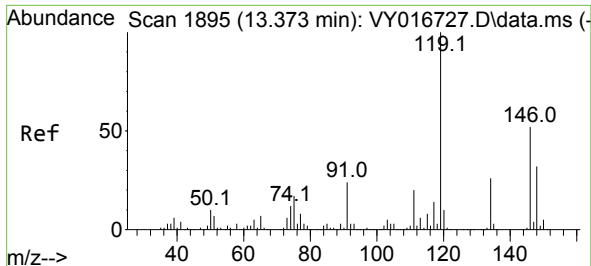
Ion Ratio Lower Upper

119 100

134 20.1 13.1 39.1

91 19.6 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 3.284 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

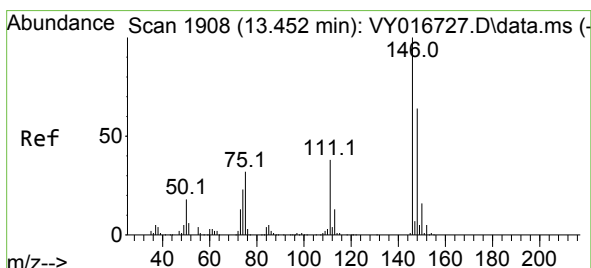
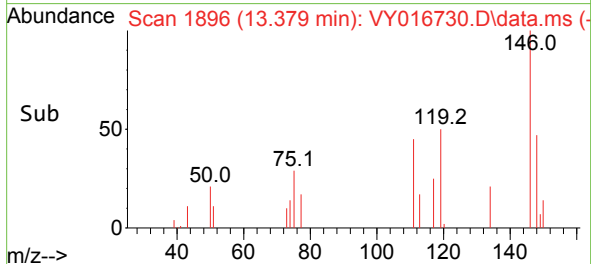
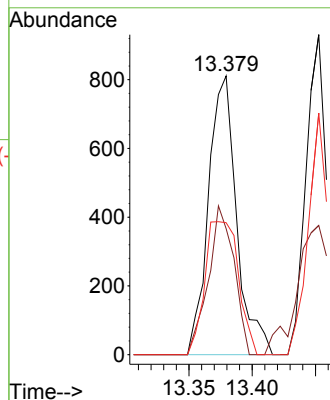
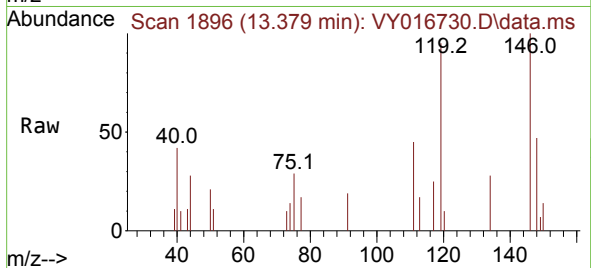
Tgt Ion:146 Resp: 1255

Ion Ratio Lower Upper

146 100

111 48.4 20.2 60.5

148 56.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 3.715 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

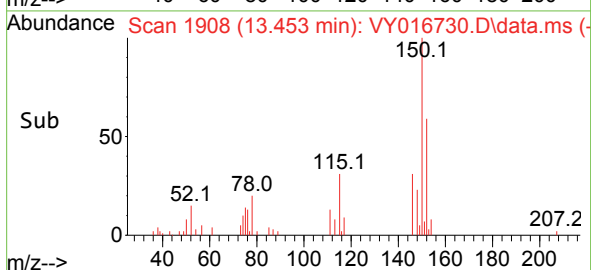
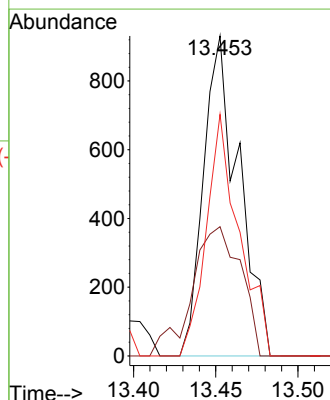
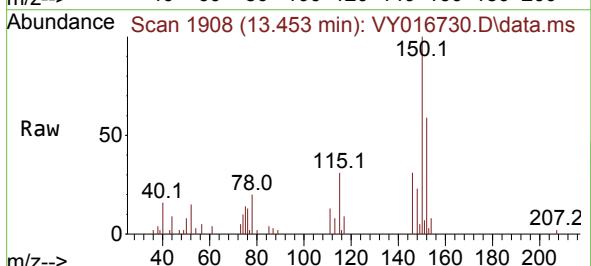
Tgt Ion:146 Resp: 1386

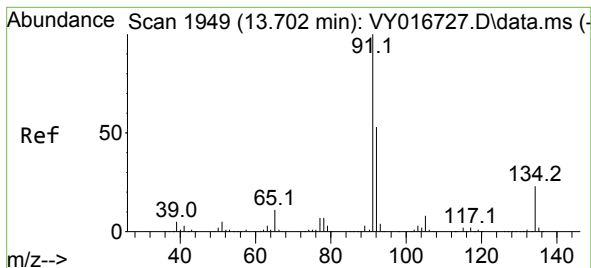
Ion Ratio Lower Upper

146 100

111 56.0 19.3 57.9

148 70.1 31.6 94.7





#89

n-Butylbenzene

Concen: 2.354 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016730.D

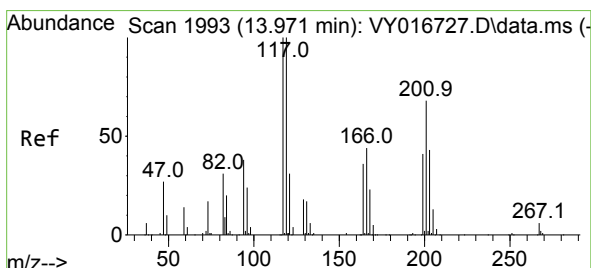
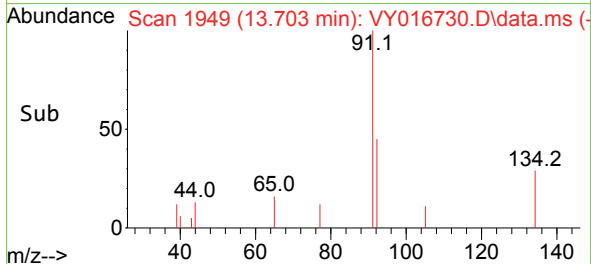
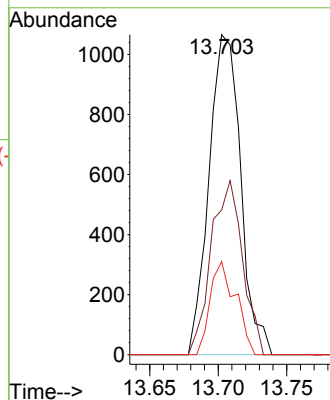
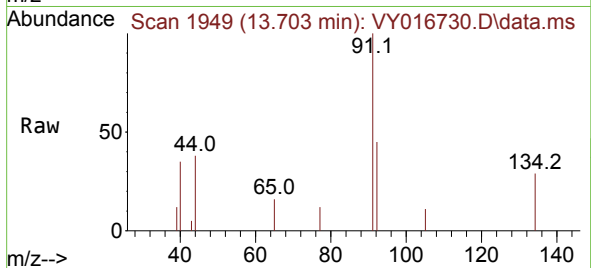
Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	1713
Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.4	79.2
134	23.5	12.3	36.8



#90

Hexachloroethane

Concen: 1.886 ug/l

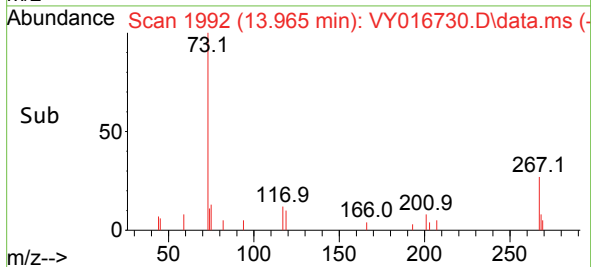
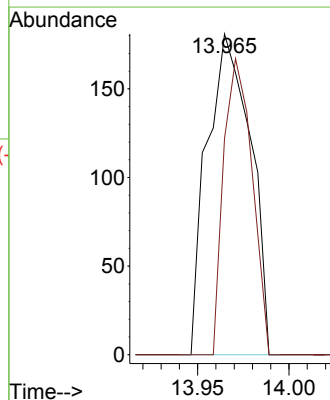
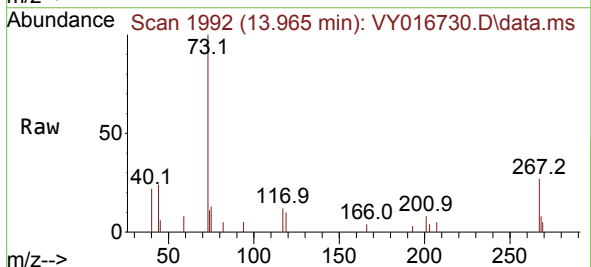
RT: 13.965 min Scan# 1992

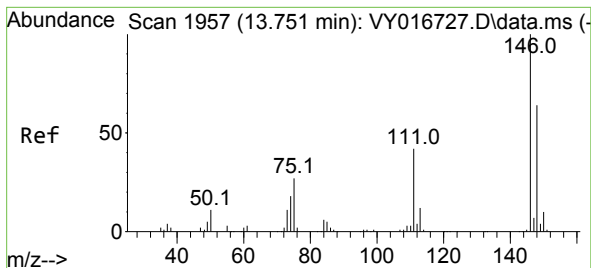
Delta R.T. -0.006 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Tgt Ion:	117	Resp:	299
Ion	Ratio	Lower	Upper
117	100		
201	60.5	33.4	100.1





#91

1,2-Dichlorobenzene

Concen: 3.625 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

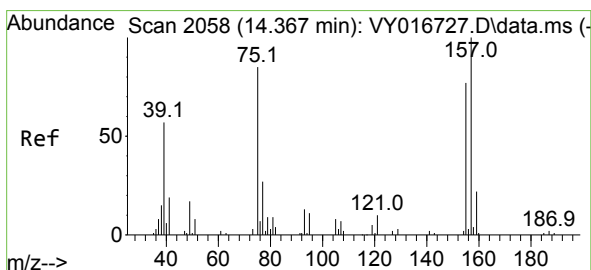
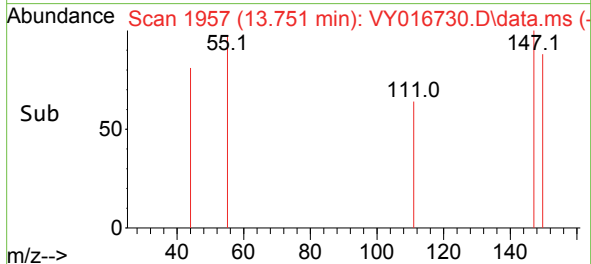
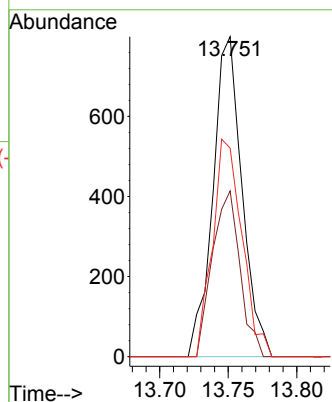
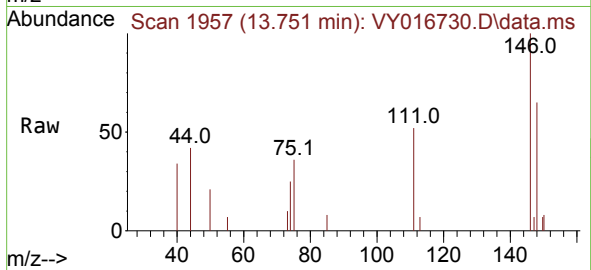
Tgt Ion:146 Resp: 1180

Ion Ratio Lower Upper

146 100

111 49.2 20.5 61.6

148 68.6 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.541 ug/l

RT: 14.379 min Scan# 2060

Delta R.T. 0.012 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

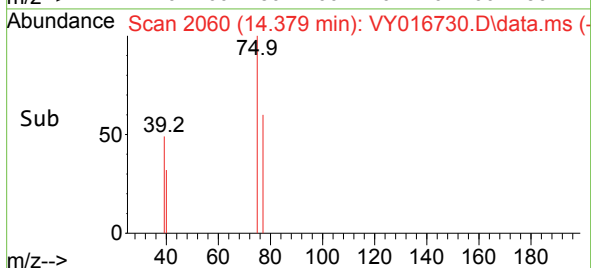
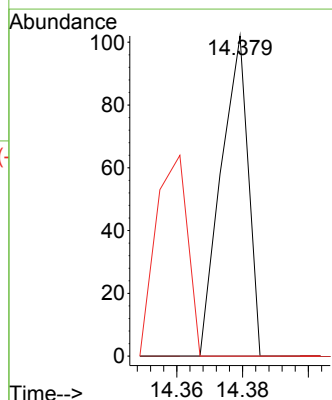
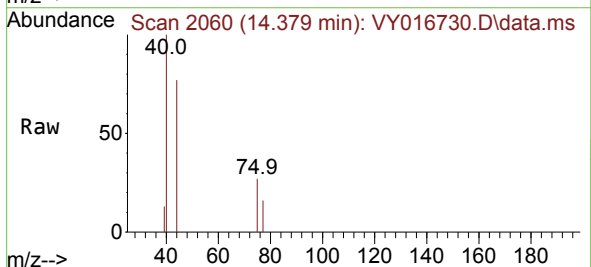
Tgt Ion: 75 Resp: 59

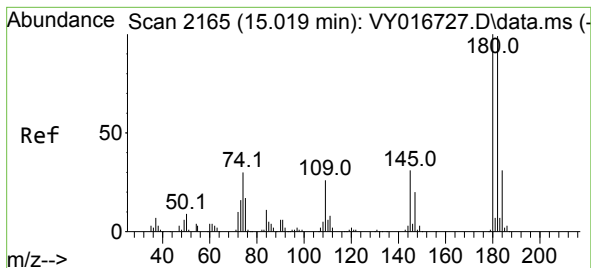
Ion Ratio Lower Upper

75 100

155 0.0 42.1 126.3#

157 72.9 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 9.385 ug/l

RT: 15.013 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

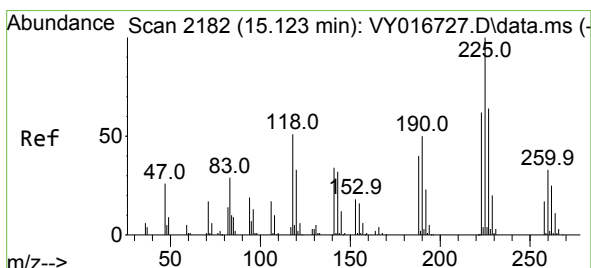
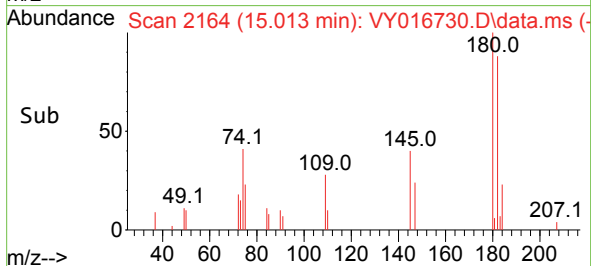
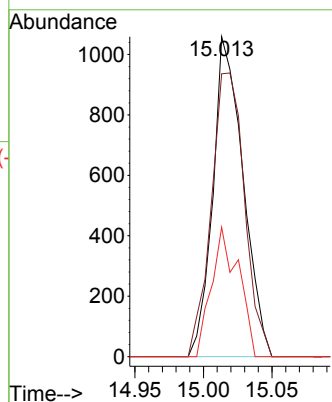
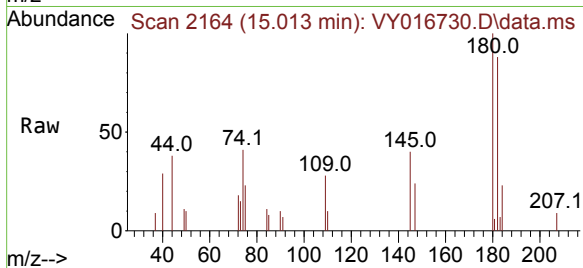
Tgt Ion:180 Resp: 1621

Ion Ratio Lower Upper

180 100

182 97.5 47.9 143.7

145 36.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 6.197 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

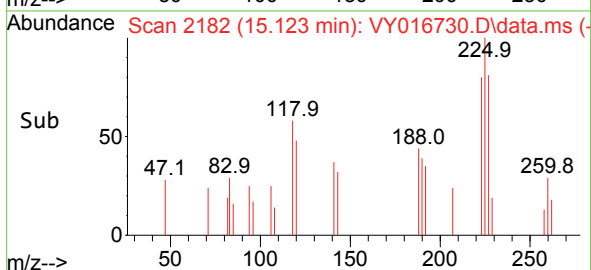
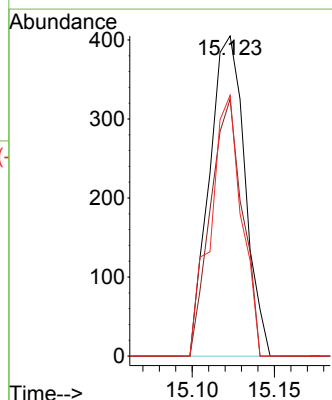
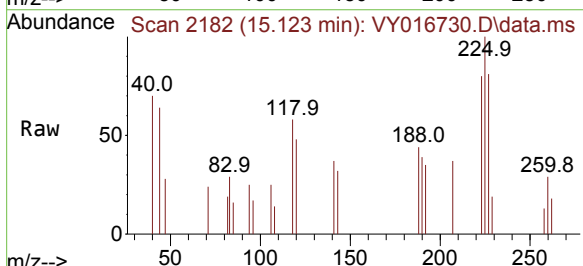
Tgt Ion:225 Resp: 608

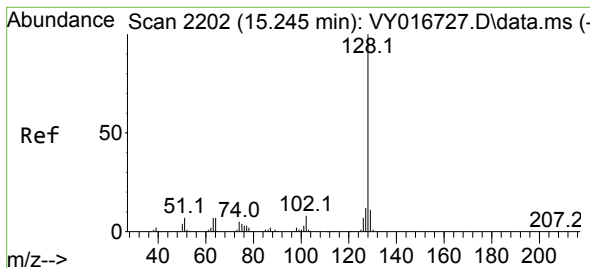
Ion Ratio Lower Upper

225 100

223 72.5 31.4 94.3

227 71.4 32.3 96.8





#95

Naphthalene

Concen: 12.398 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016730.D

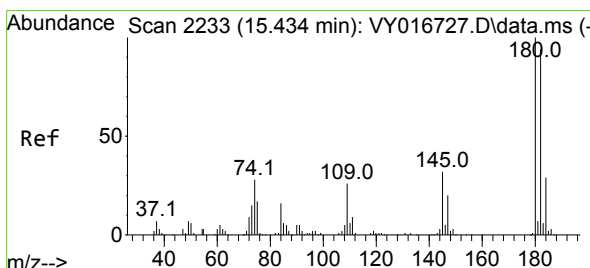
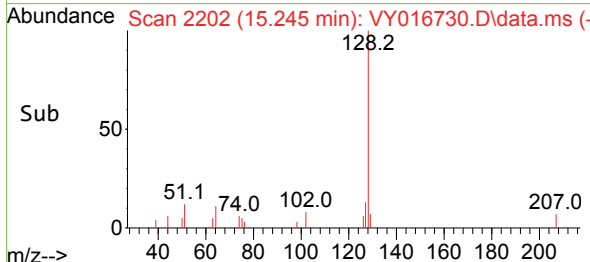
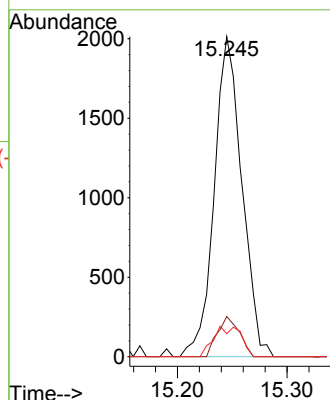
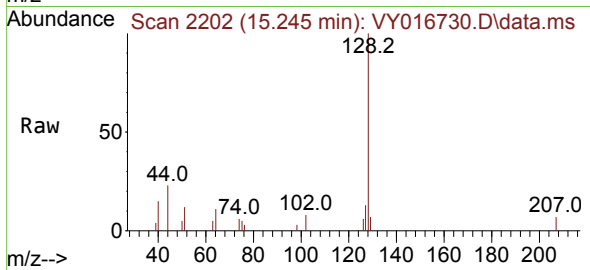
Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	3527
Ion Ratio	Lower	Upper
128	100	
127	10.0	10.2 15.4#
129	9.4	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 11.237 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Tgt Ion:180	Resp:	1653
Ion Ratio	Lower	Upper
180	100	
182	104.5	46.3 138.8
145	33.8	16.1 48.2

