

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016846.D
 Acq On : 26 Dec 2023 12:03
 Operator : SY/MD
 Sample : VY1226SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 01:31:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	153393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	262146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	223856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	97448	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	74090	52.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.820%	
35) Dibromofluoromethane	7.734	113	78776	52.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.920%	
50) Toluene-d8	10.191	98	293056	54.137	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.280%	
62) 4-Bromofluorobenzene	12.489	95	93758	53.386	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	26624	20.310	ug/l	97
3) Chloromethane	2.119	50	38583	19.148	ug/l	95
4) Vinyl Chloride	2.259	62	45470	19.978	ug/l	97
5) Bromomethane	2.662	94	32241	19.889	ug/l	96
6) Chloroethane	2.802	64	29925	19.404	ug/l	99
7) Trichlorofluoromethane	3.137	101	54486	20.550	ug/l	98
8) Diethyl Ether	3.546	74	16041	18.913	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.917	101	34573	21.257	ug/l	99
10) Methyl Iodide	4.113	142	27799	16.403	ug/l	98
11) Tert butyl alcohol	4.966	59	12204	106.294	ug/l	96
12) 1,1-Dichloroethene	3.887	96	28746	19.851	ug/l	94
13) Acrolein	3.747	56	11103	125.336	ug/l	93
14) Allyl chloride	4.497	41	45103	20.335	ug/l	100
15) Acrylonitrile	5.179	53	36188	100.751	ug/l	99
16) Acetone	3.960	43	46865	123.765	ug/l	99
17) Carbon Disulfide	4.210	76	71071	18.037	ug/l	99
18) Methyl Acetate	4.497	43	26633	17.998	ug/l	98
19) Methyl tert-butyl Ether	5.246	73	70879	19.022	ug/l	97
20) Methylene Chloride	4.734	84	38405	17.553	ug/l	98
21) trans-1,2-Dichloroethene	5.246	96	33071	20.024	ug/l	98
22) Diisopropyl ether	6.137	45	104775	20.880	ug/l	98
23) Vinyl Acetate	6.076	43	242385	102.130	ug/l	99
24) 1,1-Dichloroethane	6.033	63	62612	20.771	ug/l	98
25) 2-Butanone	7.002	43	57746	110.763	ug/l	100
26) 2,2-Dichloropropane	6.996	77	54313	20.647	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	39289	20.670	ug/l	99
28) Bromochloromethane	7.350	49	22805	19.115	ug/l	99
29) Tetrahydrofuran	7.362	42	28309	99.305	ug/l	96
30) Chloroform	7.520	83	65333	21.172	ug/l	96
31) Cyclohexane	7.801	56	51817	19.313	ug/l #	96
32) 1,1,1-Trichloroethane	7.716	97	56150	20.729	ug/l	99
36) 1,1-Dichloropropene	7.935	75	47949	19.918	ug/l	99
37) Ethyl Acetate	7.094	43	21489	20.826	ug/l	98
38) Carbon Tetrachloride	7.917	117	47908	20.111	ug/l	97
39) Methylcyclohexane	9.197	83	53087	19.100	ug/l	98
40) Benzene	8.173	78	141764	20.236	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	12547	22.902	ug/l	94
42) 1,2-Dichloroethane	8.252	62	37002	20.245	ug/l	100
43) Isopropyl Acetate	8.289	43	38637	19.279	ug/l	99
44) Trichloroethene	8.953	130	35474	19.840	ug/l	96
45) 1,2-Dichloropropane	9.227	63	36068	20.525	ug/l	98
46) Dibromomethane	9.319	93	17979	19.804	ug/l	97
47) Bromodichloromethane	9.508	83	48566	20.297	ug/l	98
48) Methyl methacrylate	9.307	41	21007	18.861	ug/l	99
49) 1,4-Dioxane	9.313	88	3499	397.104	ug/l	96
51) 4-Methyl-2-Pentanone	10.081	43	104052	97.446	ug/l	99
52) Toluene	10.258	92	85767	20.430	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	42770	19.603	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	52143	19.813	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	25777	19.901	ug/l	98
56) Ethyl methacrylate	10.520	69	20922	18.369	ug/l	96
57) 1,3-Dichloropropane	10.800	76	43825	19.920	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.794	63	57724	94.211	ug/l	99
59) 2-Hexanone	10.843	43	82442	103.543	ug/l	98
60) Dibromochloromethane	10.995	129	30061	20.063	ug/l	99
61) 1,2-Dibromoethane	11.099	107	22953	19.760	ug/l	99
64) Tetrachloroethene	10.733	164	27499	19.775	ug/l	98
65) Chlorobenzene	11.526	112	88888	20.210	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	33661	20.341	ug/l	99
67) Ethyl Benzene	11.605	91	164094	20.271	ug/l	99
68) m/p-Xylenes	11.709	106	121548	40.661	ug/l	100
69) o-Xylene	12.038	106	55920	20.391	ug/l	100
70) Styrene	12.050	104	81074	19.978	ug/l	98
71) Bromoform	12.215	173	15399	18.665	ug/l #	96
73) Isopropylbenzene	12.337	105	155693	20.515	ug/l	99
74) N-amyl acetate	12.154	43	30504	19.152	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	29251	19.287	ug/l	97
76) 1,2,3-Trichloropropane	12.641	75	34840	32.342	ug/l #	100
77) Bromobenzene	12.617	156	32776	19.796	ug/l	99
78) n-propylbenzene	12.678	91	189427	20.601	ug/l	99
79) 2-Chlorotoluene	12.763	91	104590	20.556	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	125726	20.928	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	8196	17.868	ug/l	99
82) 4-Chlorotoluene	12.861	91	107698	20.632	ug/l	100
83) tert-Butylbenzene	13.080	119	105651	20.218	ug/l	96
84) 1,2,4-Trimethylbenzene	13.129	105	123529	20.853	ug/l	99
85) sec-Butylbenzene	13.263	105	164832	21.296	ug/l	100
86) p-Isopropyltoluene	13.379	119	132662	20.581	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	66448	20.536	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	64703	20.479	ug/l	97
89) n-Butylbenzene	13.702	91	130949	21.252	ug/l	100
90) Hexachloroethane	13.971	117	27875	20.768	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	56970	20.667	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3803	19.344	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	29923	20.458	ug/l	98
94) Hexachlorobutadiene	15.123	225	19318	23.254	ug/l	95
95) Naphthalene	15.245	128	50082	18.357	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	25284	20.297	ug/l	99

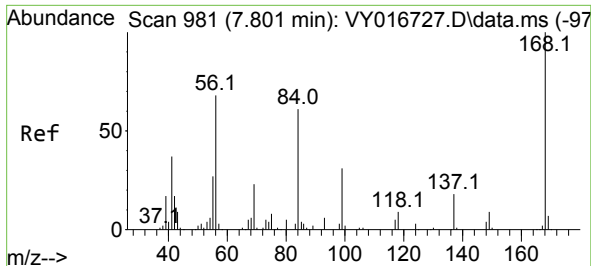
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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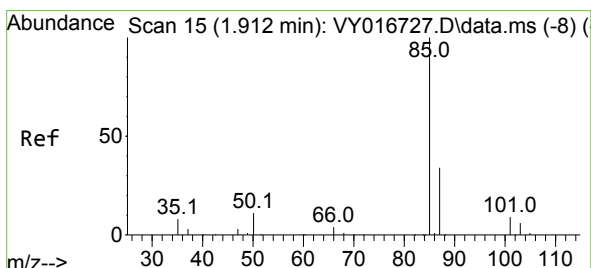
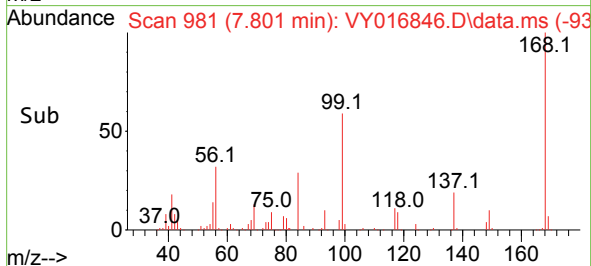
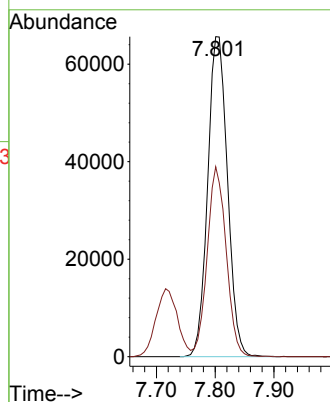
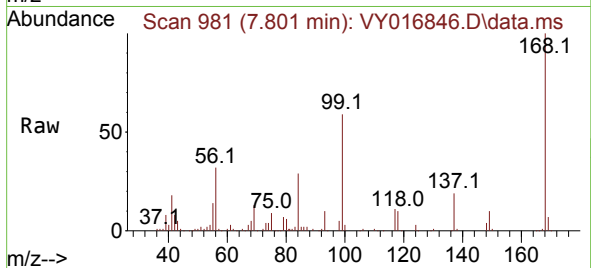
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016846.D
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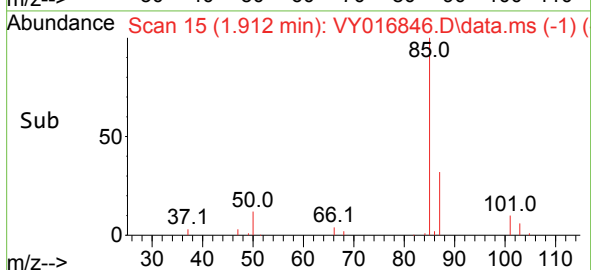
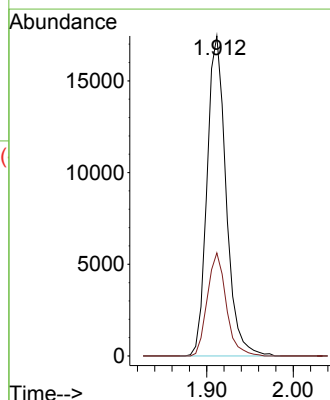
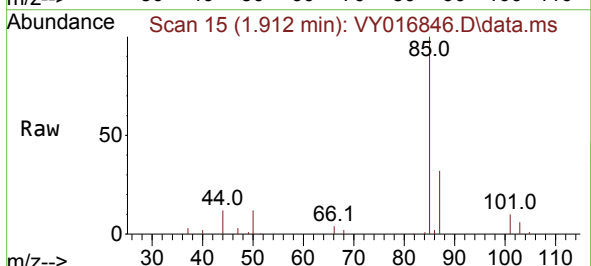
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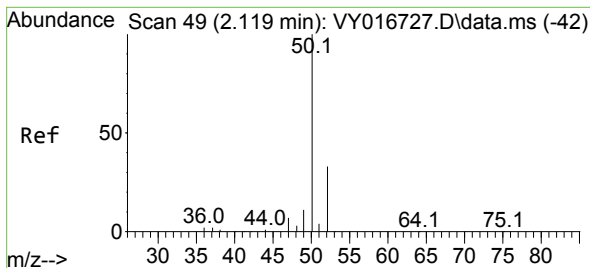
Tgt Ion:168 Resp: 153393
Ion Ratio Lower Upper
168 100
99 59.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 20.310 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 85 Resp: 26624
Ion Ratio Lower Upper
85 100
87 32.2 17.1 51.3





#3

Chloromethane

Concen: 19.148 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

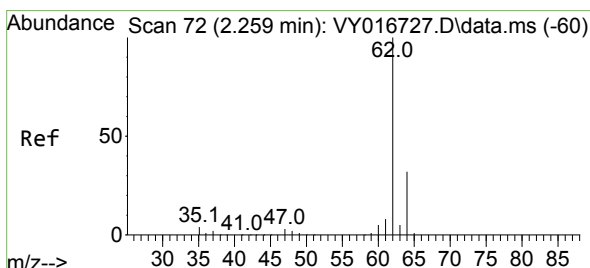
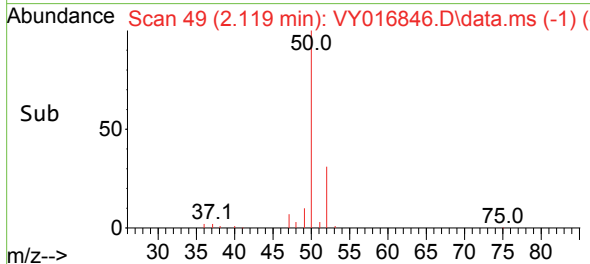
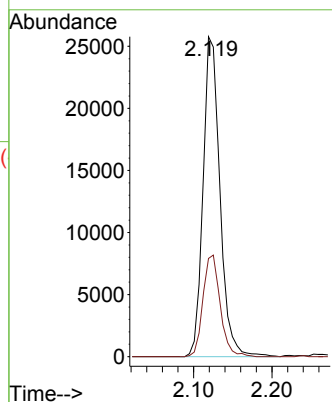
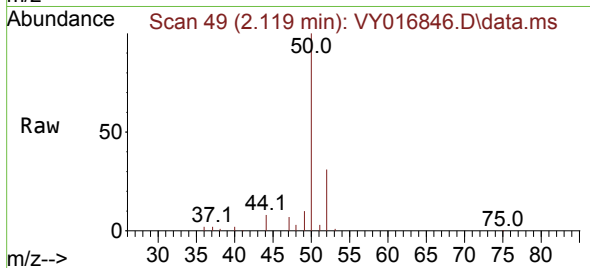
ClientSampleId :

Tgt Ion: 50 Resp: 38583

Ion Ratio Lower Upper

50 100

52 30.7 26.7 40.1



#4

Vinyl Chloride

Concen: 19.978 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016846.D

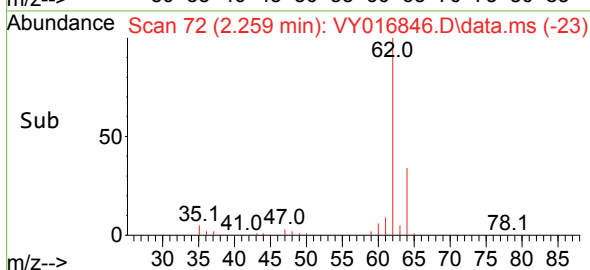
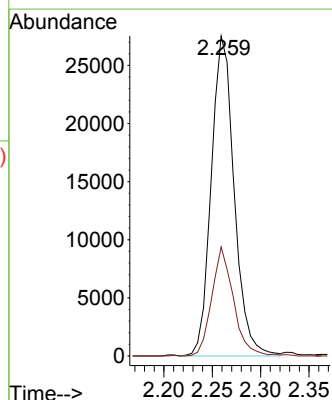
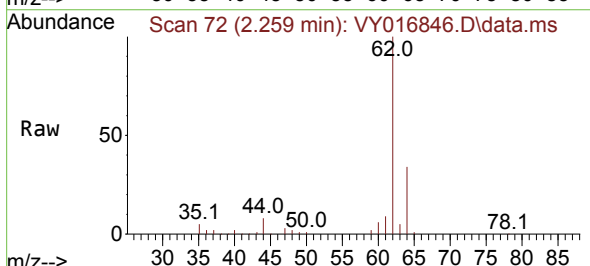
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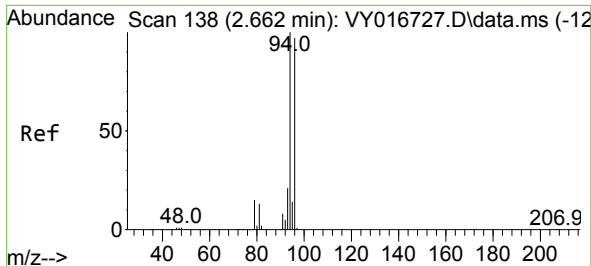
Tgt Ion: 62 Resp: 45470

Ion Ratio Lower Upper

62 100

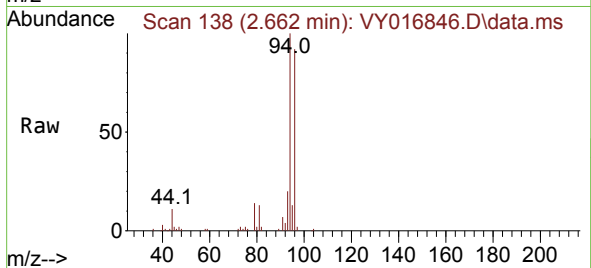
64 34.0 25.7 38.5



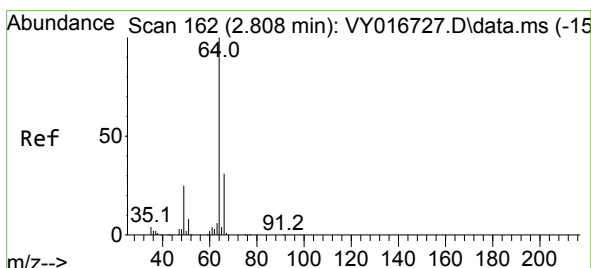
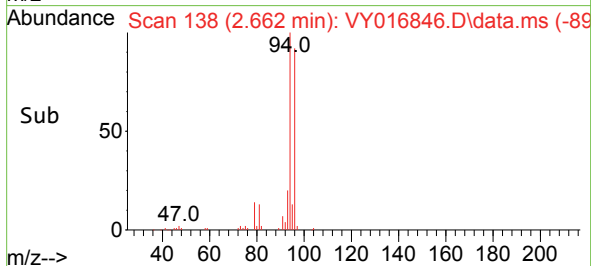
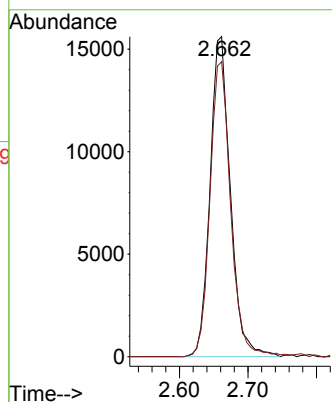


#5
Bromomethane
Concen: 19.889 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016846.D
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ClientSampleId :

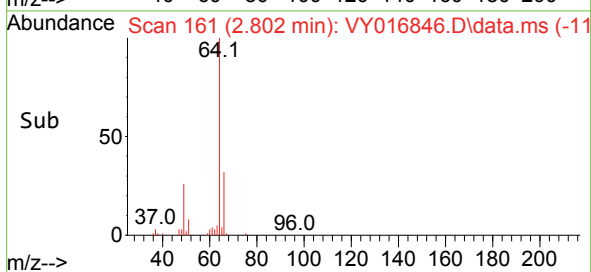
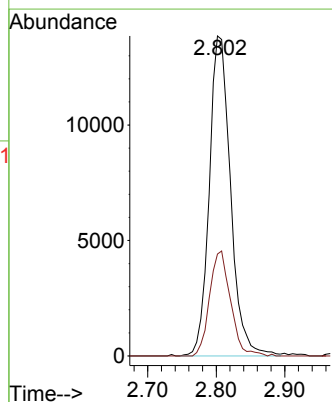
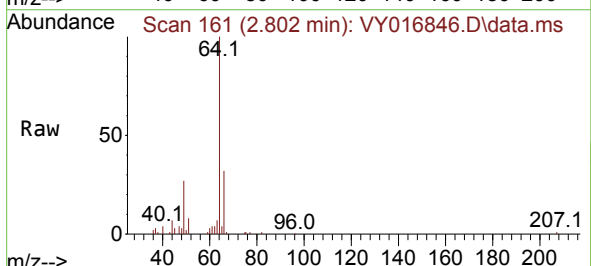


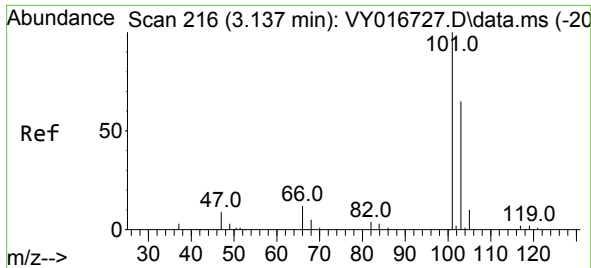
Tgt Ion: 94 Resp: 32241
Ion Ratio Lower Upper
94 100
96 92.2 77.3 115.9



#6
Chloroethane
Concen: 19.404 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 64 Resp: 29925
Ion Ratio Lower Upper
64 100
66 31.8 25.1 37.7

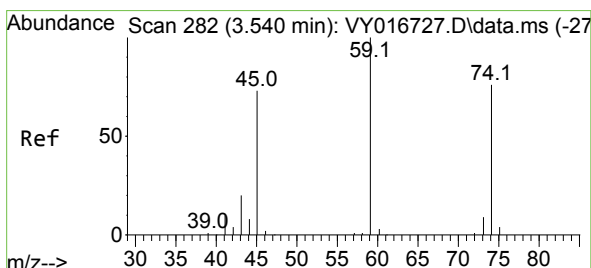
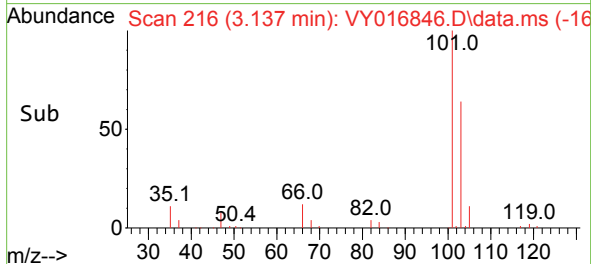
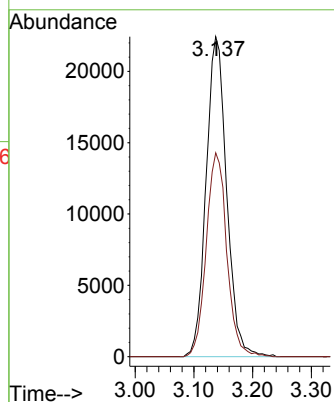
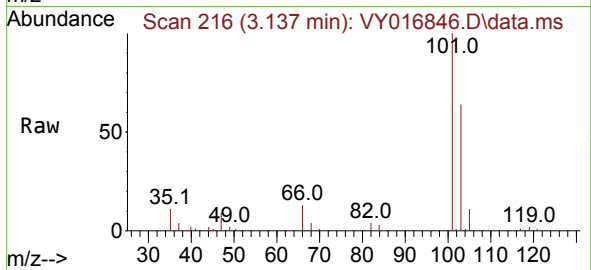




#7
 Trichlorofluoromethane
 Concen: 20.550 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016846.D
 Acq: 26 Dec 2023 12:03

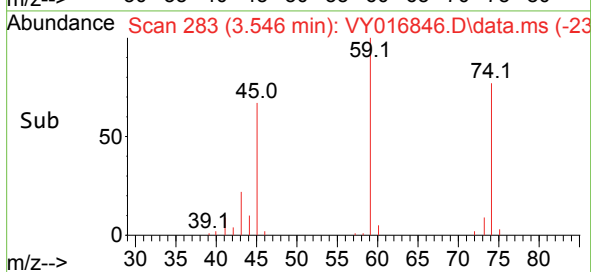
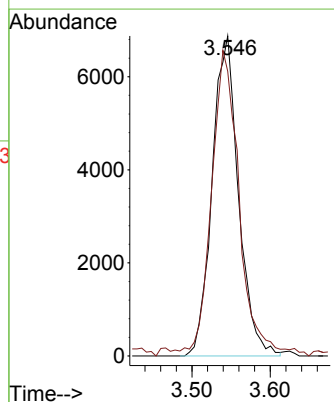
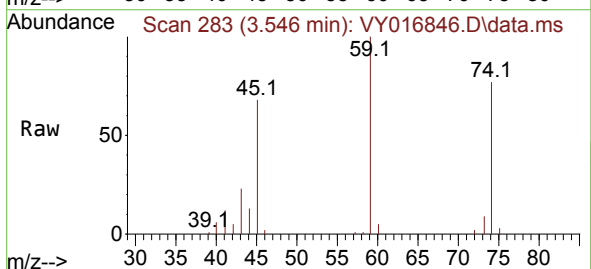
Instrument :
 MSVOA_Y
 ClientSampleId :

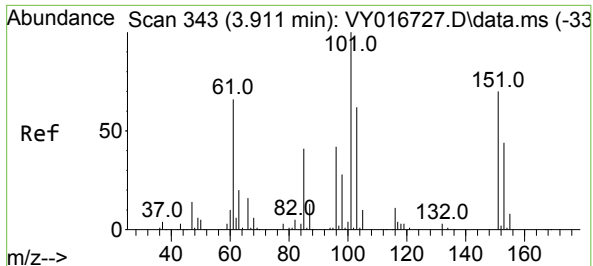
Tgt Ion:101 Resp: 54486
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.9 77.9



#8
 Diethyl Ether
 Concen: 18.913 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016846.D
 Acq: 26 Dec 2023 12:03

Tgt Ion: 74 Resp: 16041
 Ion Ratio Lower Upper
 74 100
 45 100.8 47.9 143.7

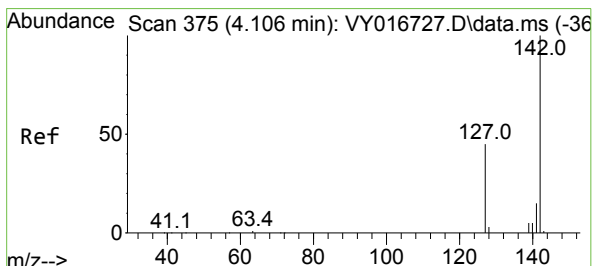
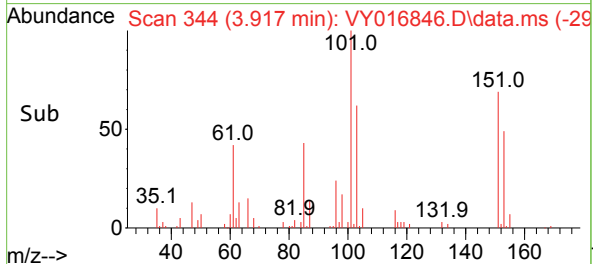
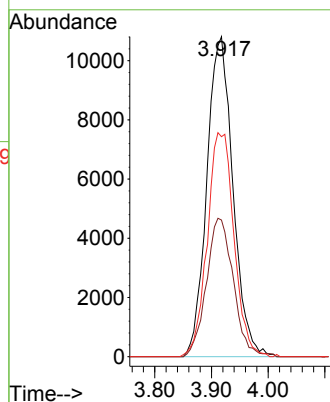
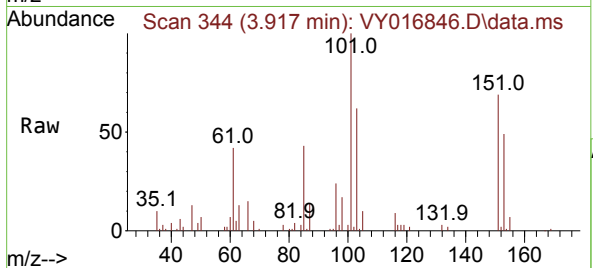




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.257 ug/l
RT: 3.917 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

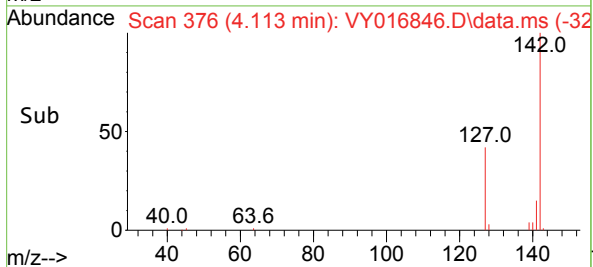
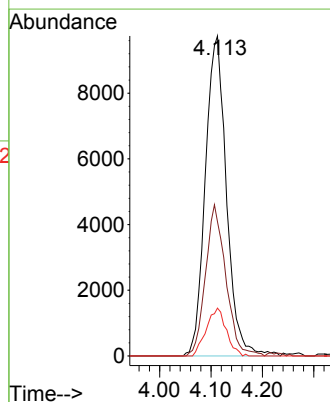
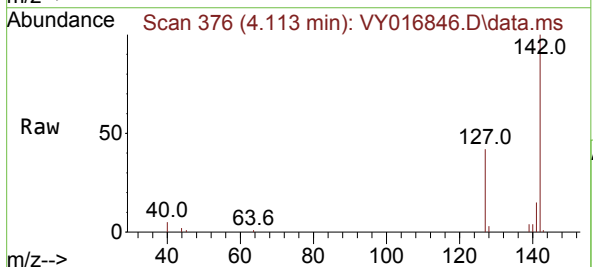
Instrument :
MSVOA_Y
ClientSampleId :

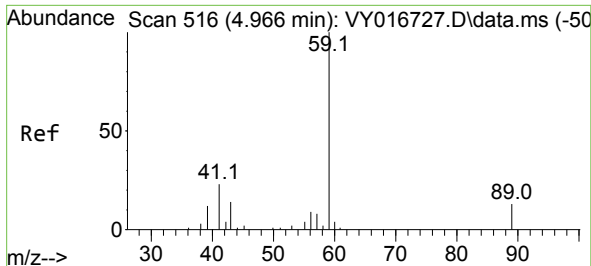
Tgt Ion:101 Resp: 34573
Ion Ratio Lower Upper
101 100
85 44.6 35.8 53.6
151 71.6 58.6 88.0



#10
Methyl Iodide
Concen: 16.403 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion:142 Resp: 27799
Ion Ratio Lower Upper
142 100
127 45.5 35.1 52.7
141 14.2 11.8 17.6

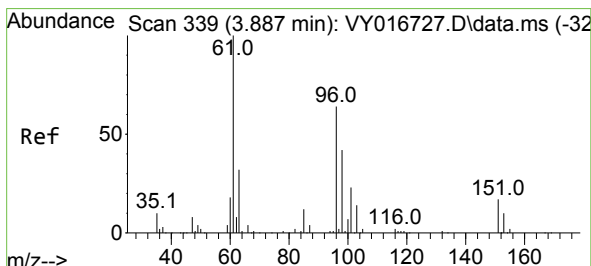
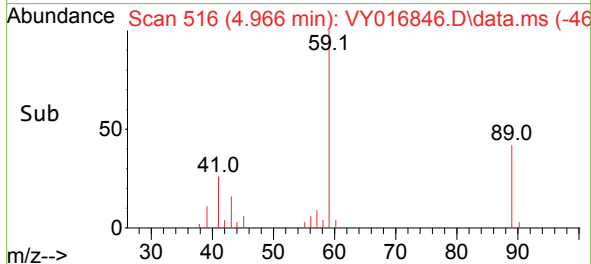
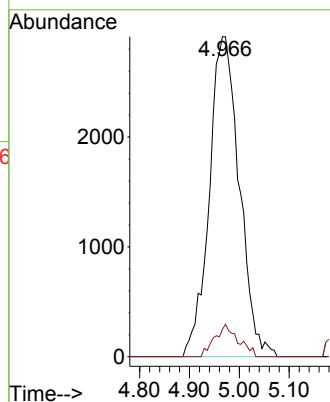
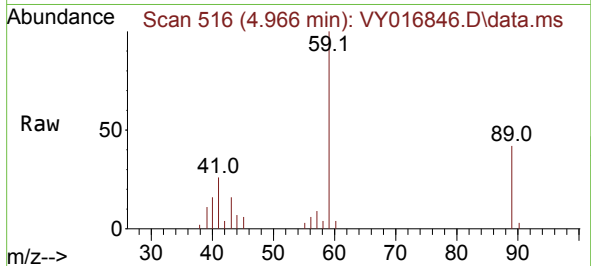




#11
Tert butyl alcohol
Concen: 106.294 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

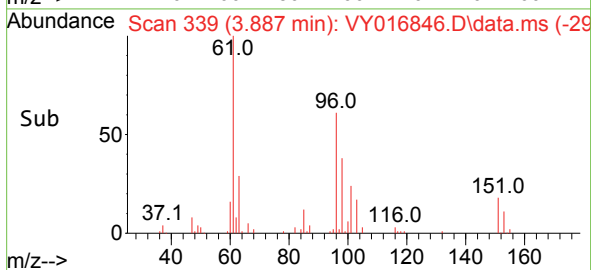
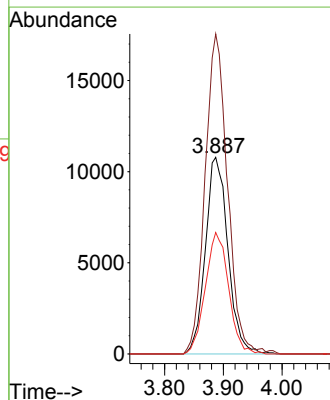
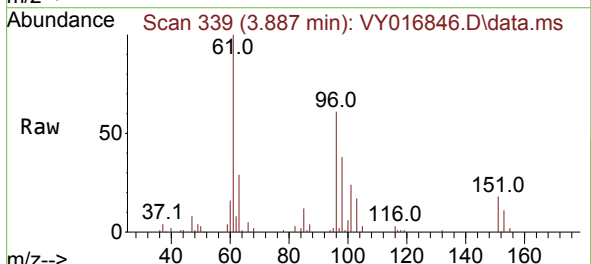
Instrument :
MSVOA_Y
ClientSampleId :

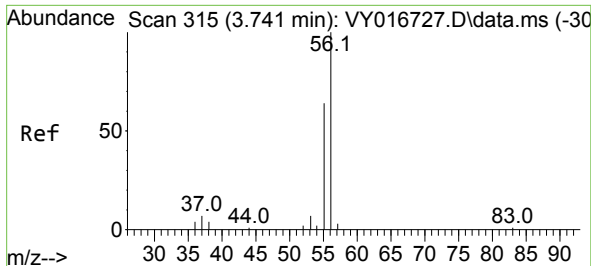
Tgt Ion: 59 Resp: 12204
Ion Ratio Lower Upper
59 100
57 7.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 19.851 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 96 Resp: 28746
Ion Ratio Lower Upper
96 100
61 162.7 124.2 186.2
98 61.7 52.6 79.0

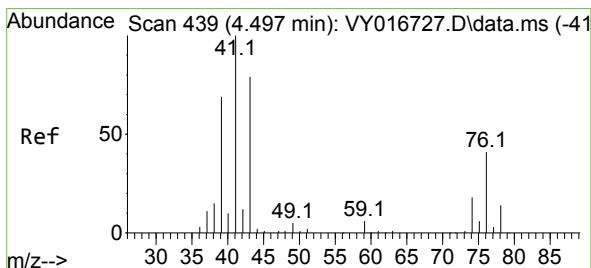
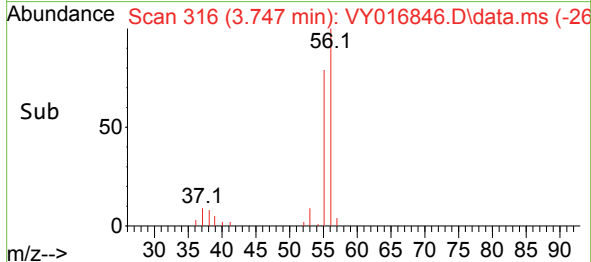
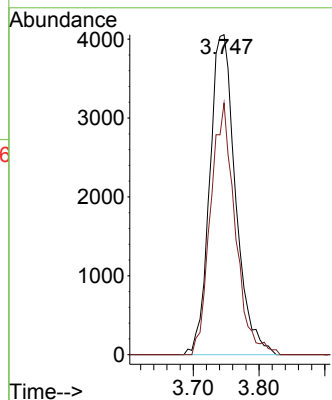
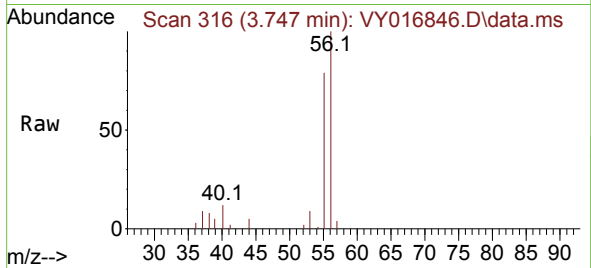




#13
Acrolein
Concen: 125.336 ug/l
RT: 3.747 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

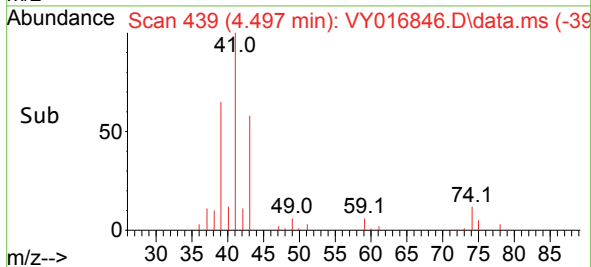
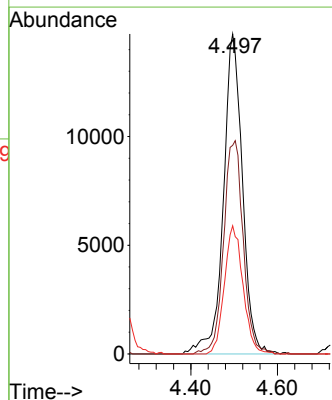
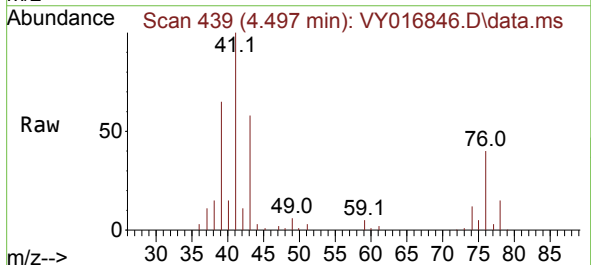
Instrument :
MSVOA_Y
ClientSampleId :

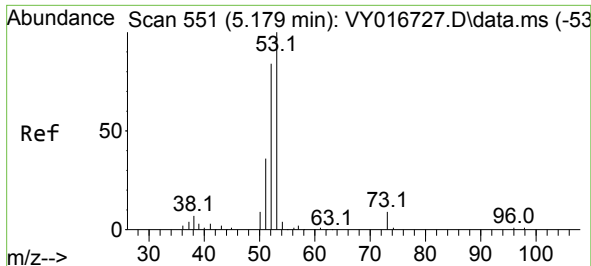
Tgt Ion: 56 Resp: 11103
Ion Ratio Lower Upper
56 100
55 74.8 55.4 83.0



#14
Allyl chloride
Concen: 20.335 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 41 Resp: 45103
Ion Ratio Lower Upper
41 100
39 68.5 54.7 82.1
76 39.1 31.8 47.6





#15

Acrylonitrile

Concen: 100.751 ug/l

RT: 5.179 min Scan# 51

Delta R.T. 0.000 min

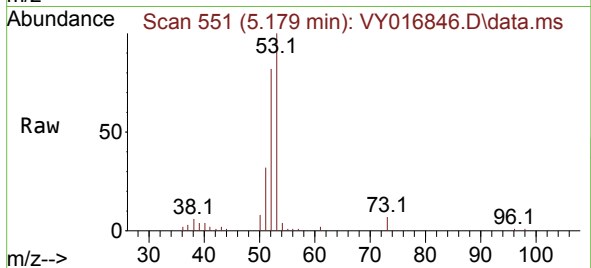
Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

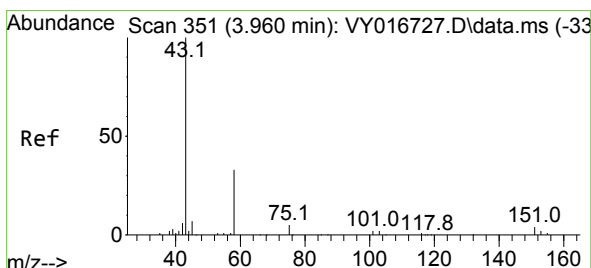
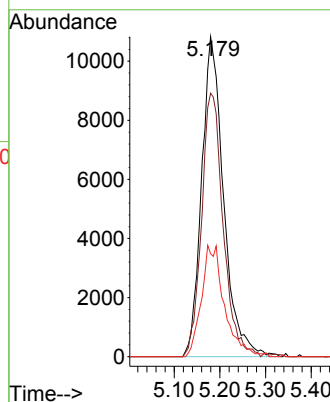
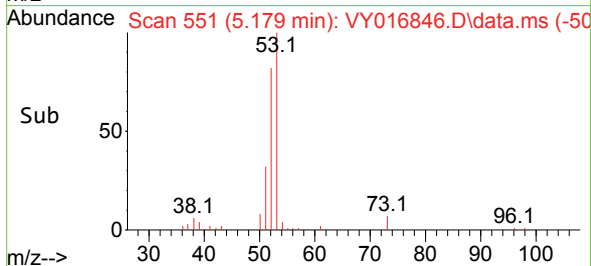
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	53	Resp:	36188
Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.1	97.7
51	36.1	29.0	43.4



#16

Acetone

Concen: 123.765 ug/l

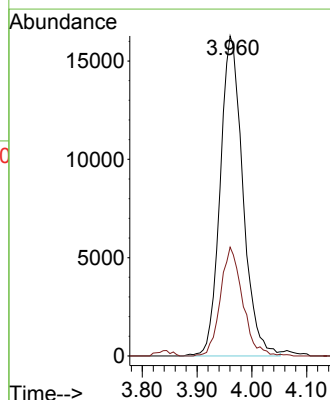
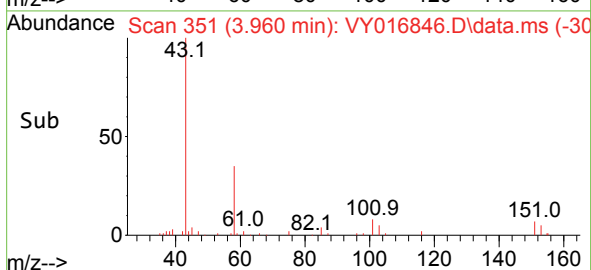
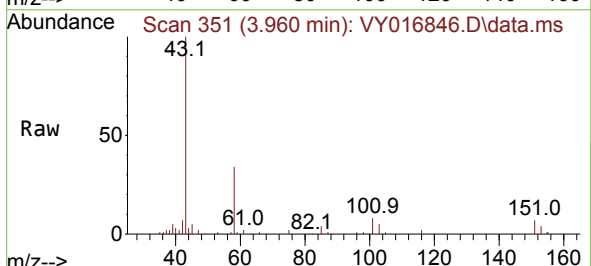
RT: 3.960 min Scan# 351

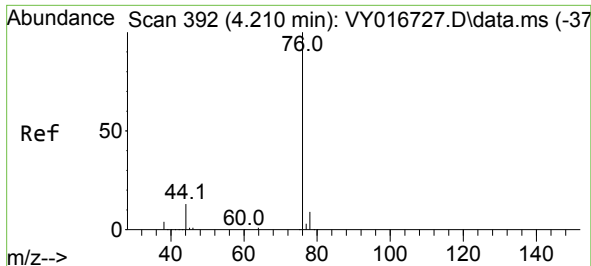
Delta R.T. 0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Tgt Ion:	43	Resp:	46865
Ion	Ratio	Lower	Upper
43	100		
58	34.0	26.6	39.8

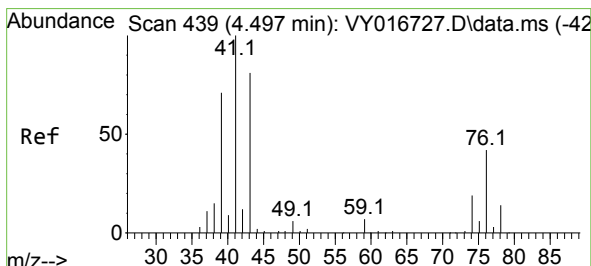
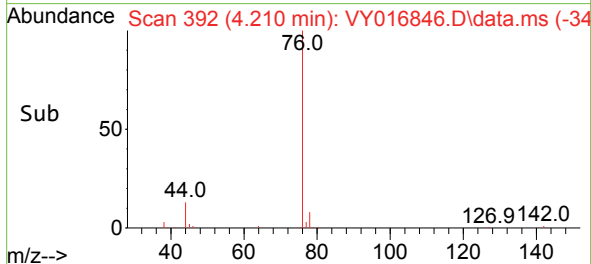
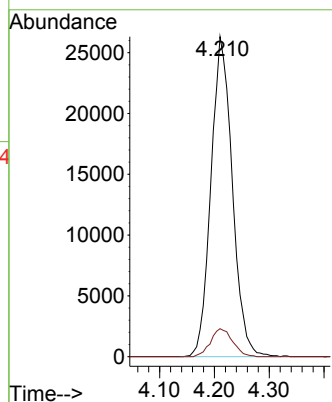
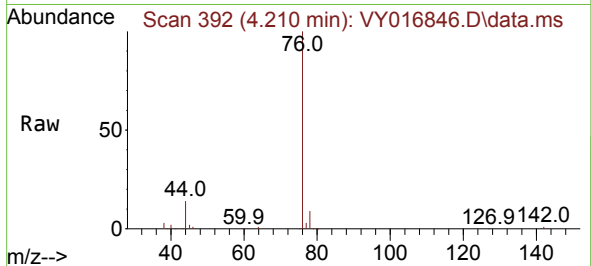




#17
Carbon Disulfide
Concen: 18.037 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

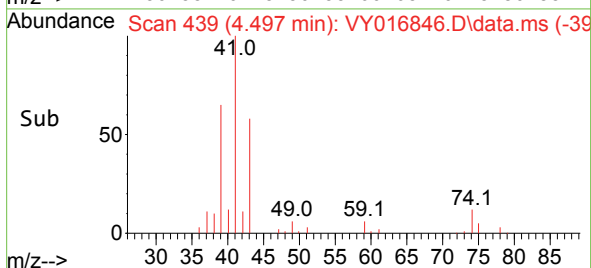
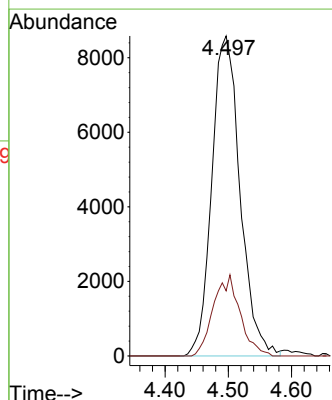
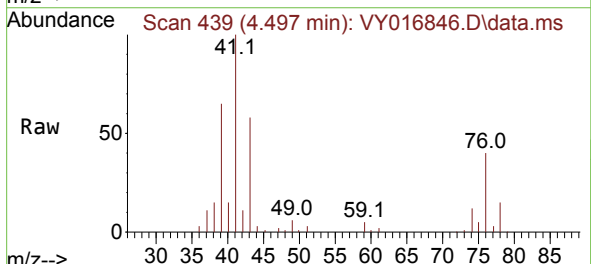
Instrument :
MSVOA_Y
ClientSampleId :

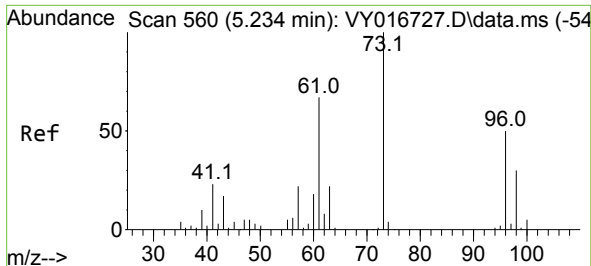
Tgt Ion: 76 Resp: 71071
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 17.998 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 43 Resp: 26633
Ion Ratio Lower Upper
43 100
74 23.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 19.022 ug/l

RT: 5.246 min Scan# 5

Delta R.T. 0.012 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

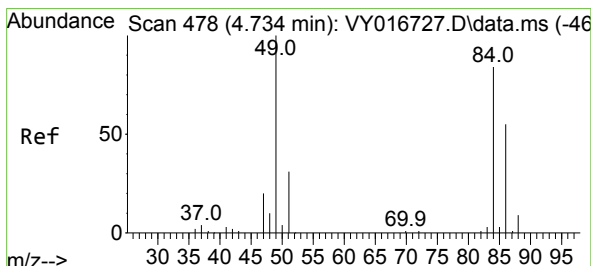
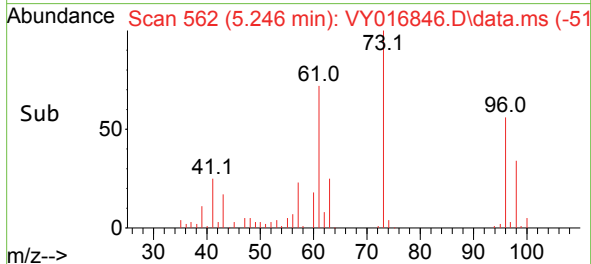
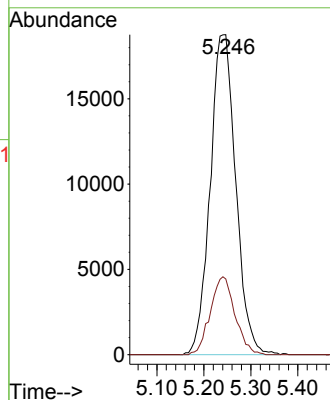
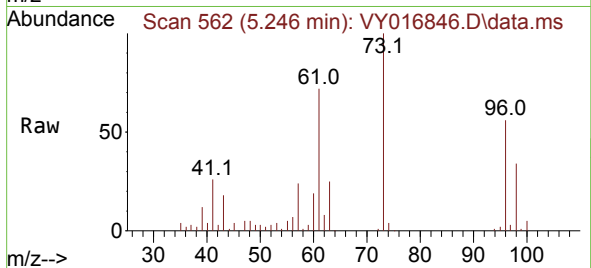
ClientSampleId :

Tgt Ion: 73 Resp: 70879

Ion Ratio Lower Upper

73 100

57 23.6 17.7 26.5



#20

Methylene Chloride

Concen: 17.553 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Tgt Ion: 84 Resp: 38405

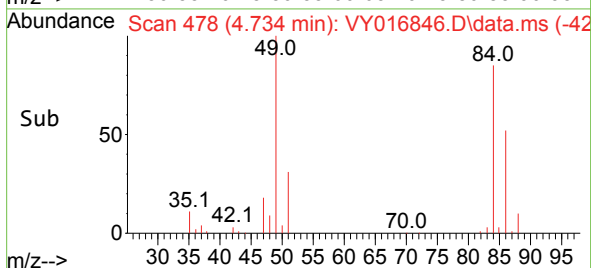
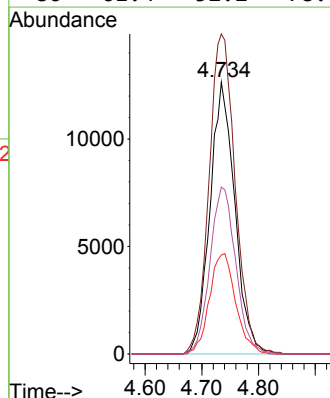
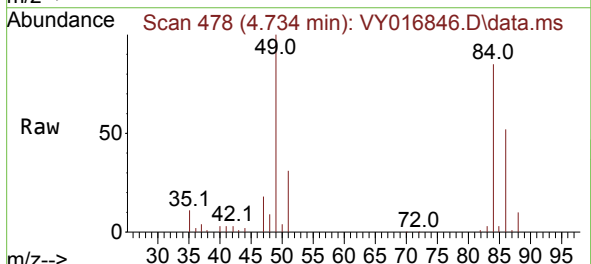
Ion Ratio Lower Upper

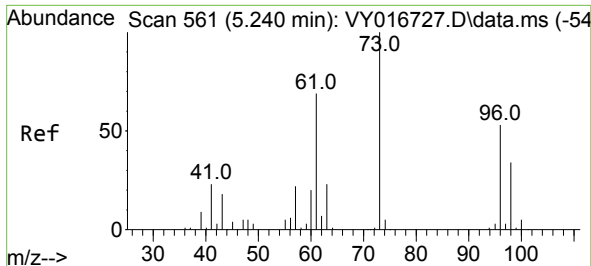
84 100

49 117.7 95.2 142.8

51 36.5 29.9 44.9

86 61.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 20.024 ug/l

RT: 5.246 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

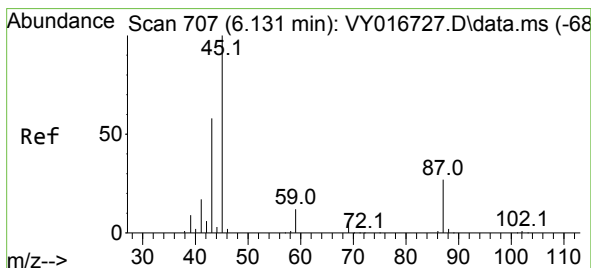
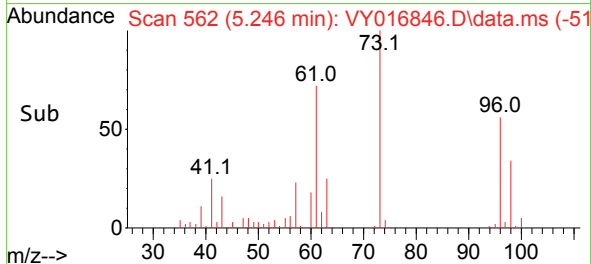
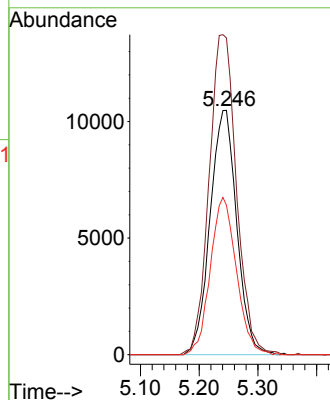
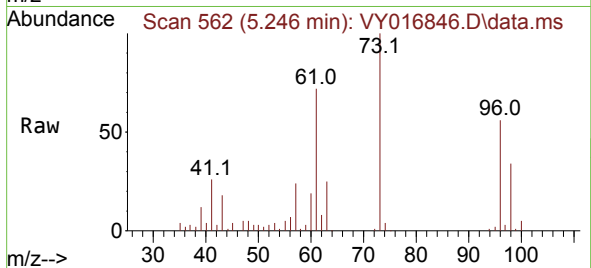
Tgt Ion: 96 Resp: 33071

Ion Ratio Lower Upper

96 100

61 129.7 104.6 156.8

98 61.2 50.9 76.3



#22

Diisopropyl ether

Concen: 20.880 ug/l

RT: 6.137 min Scan# 708

Delta R.T. 0.006 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Tgt Ion: 45 Resp: 104775

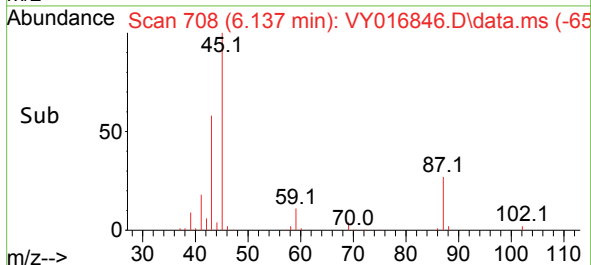
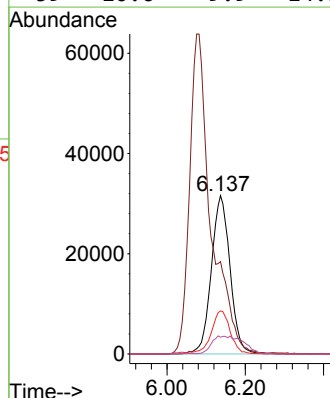
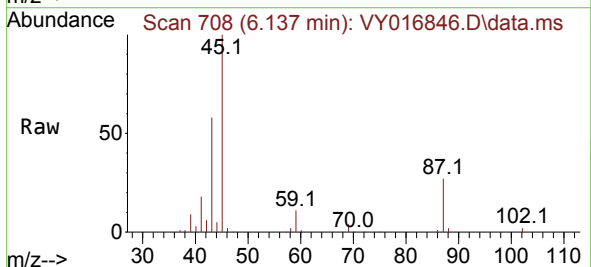
Ion Ratio Lower Upper

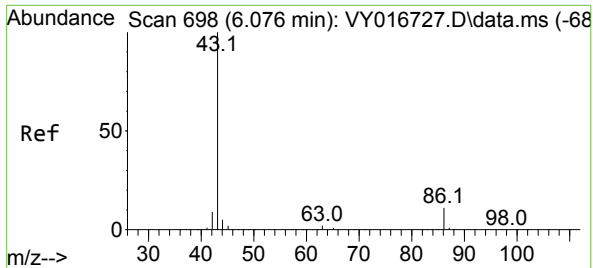
45 100

43 57.7 46.8 70.2

87 27.1 22.2 33.2

59 10.6 9.9 14.9

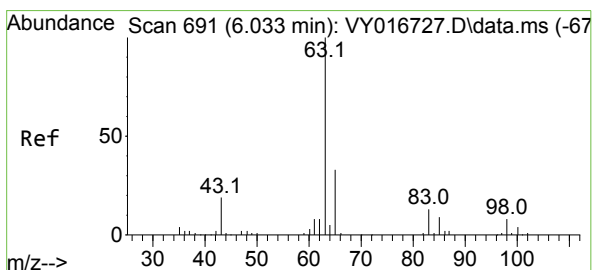
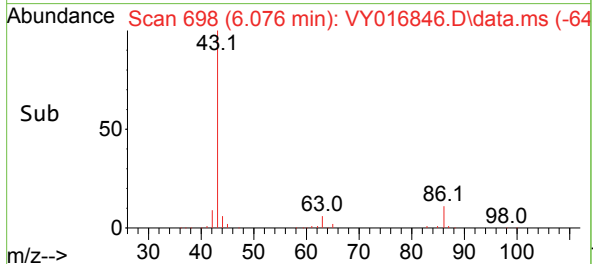
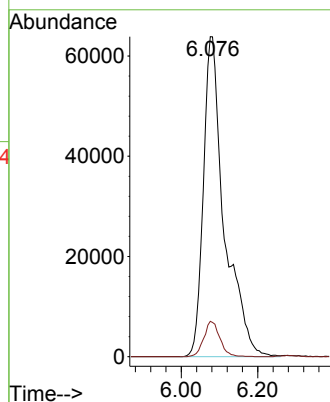
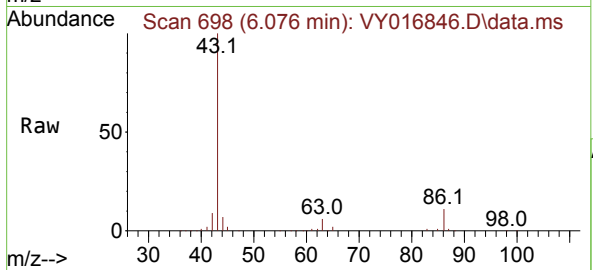




#23
 Vinyl Acetate
 Concen: 102.130 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016846.D
 Acq: 26 Dec 2023 12:03

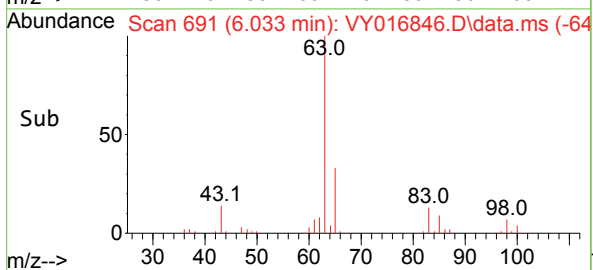
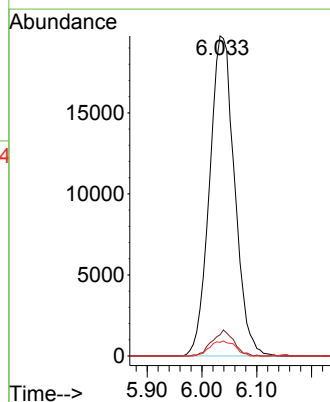
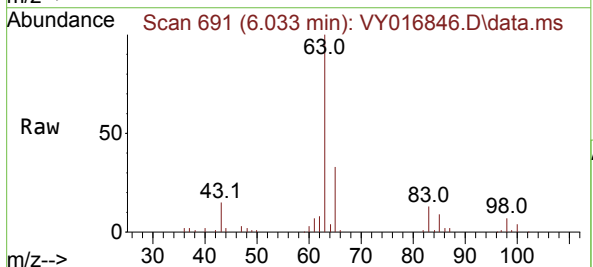
Instrument :
 MSVOA_Y
 ClientSampleId :

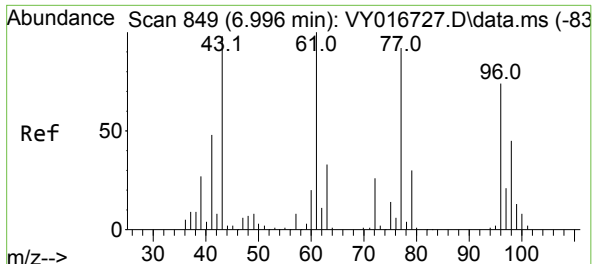
Tgt Ion: 43 Resp: 242385
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 20.771 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY016846.D
 Acq: 26 Dec 2023 12:03

Tgt Ion: 63 Resp: 62612
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 4.3 2.1 6.2





#25

2-Butanone

Concen: 110.763 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

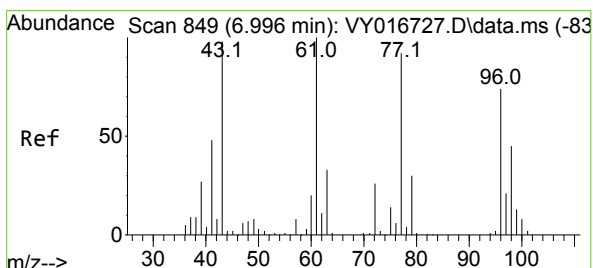
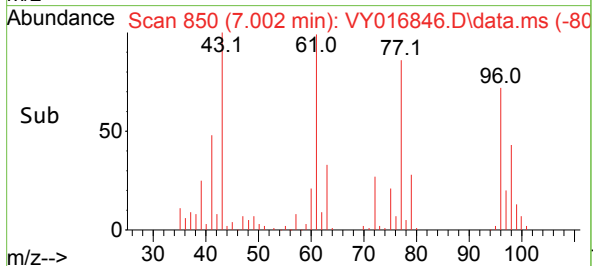
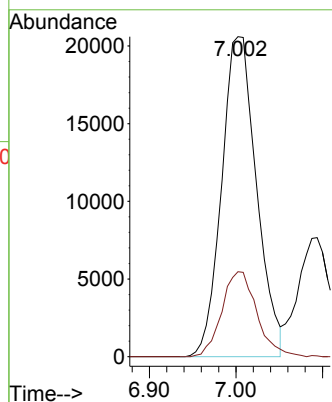
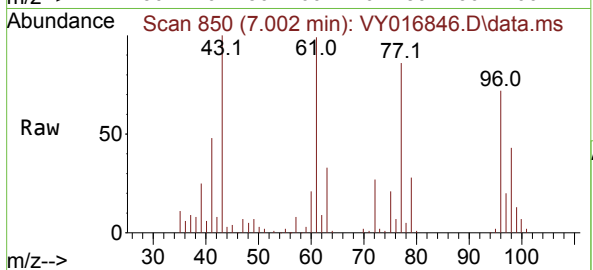
ClientSampleId :

Tgt Ion: 43 Resp: 57746

Ion Ratio Lower Upper

43 100

72 26.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 20.647 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016846.D

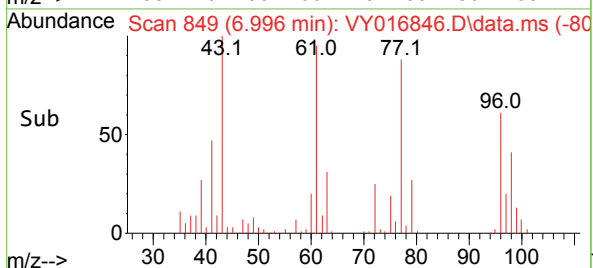
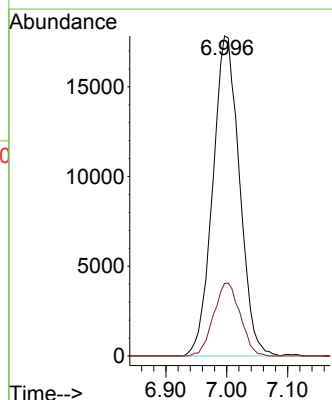
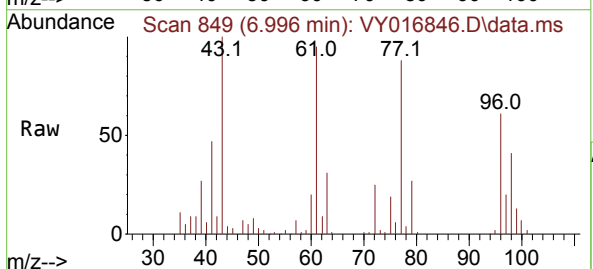
Acq: 26 Dec 2023 12:03

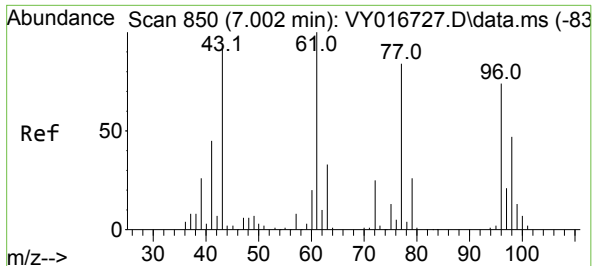
Tgt Ion: 77 Resp: 54313

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.670 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

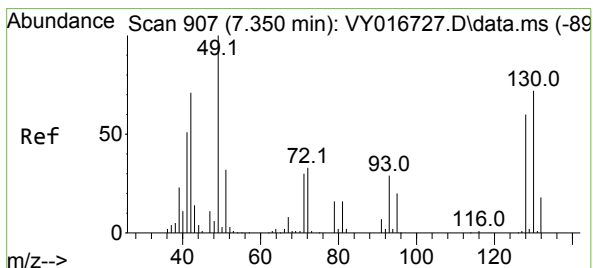
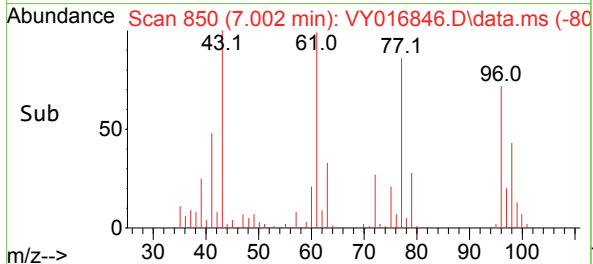
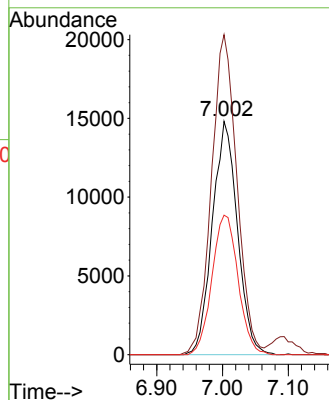
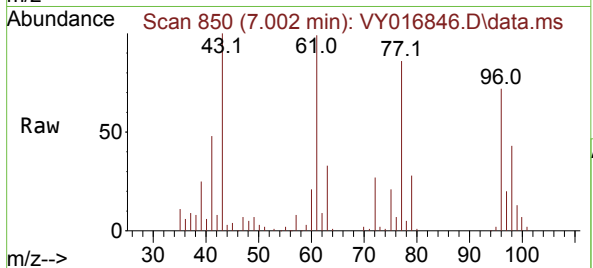
Tgt Ion: 96 Resp: 39289

Ion Ratio Lower Upper

96 100

61 139.5 0.0 278.8

98 62.3 0.0 127.0



#28

Bromochloromethane

Concen: 19.115 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

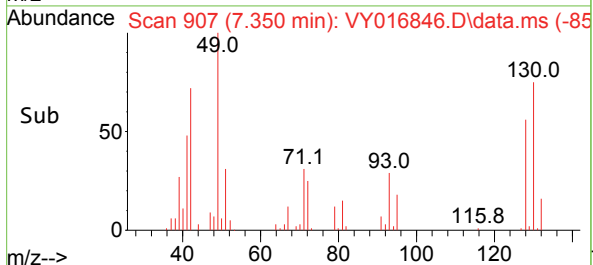
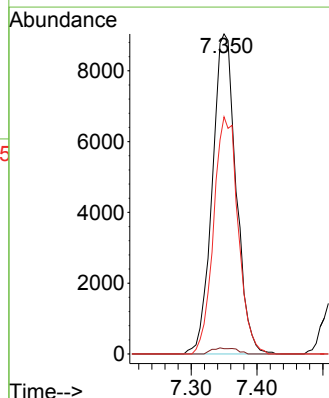
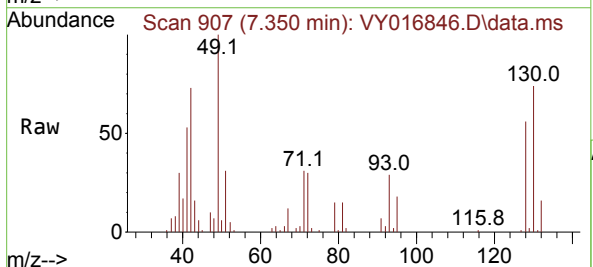
Tgt Ion: 49 Resp: 22805

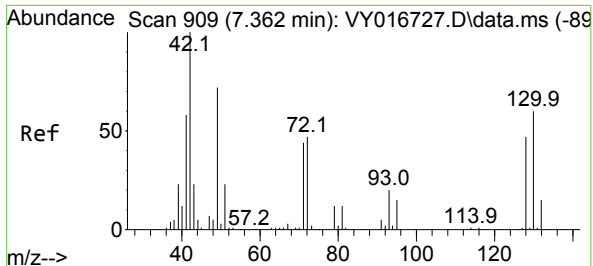
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 76.0 59.8 89.8





#29

Tetrahydrofuran

Concen: 99.305 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

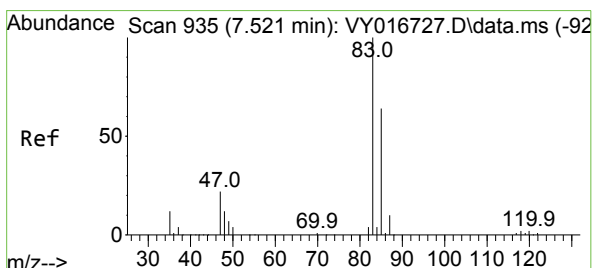
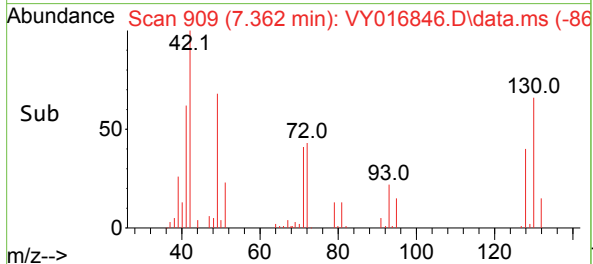
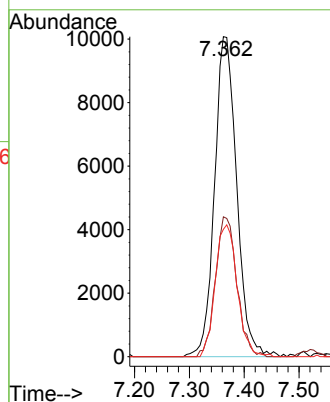
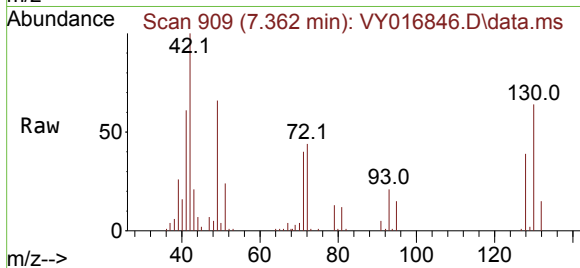
Tgt Ion: 42 Resp: 28309

Ion Ratio Lower Upper

42 100

72 42.3 36.6 54.8

71 40.9 33.8 50.6



#30

Chloroform

Concen: 21.172 ug/l

RT: 7.520 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016846.D

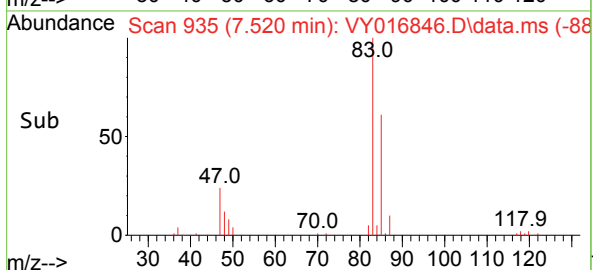
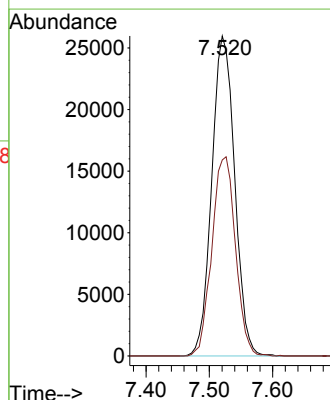
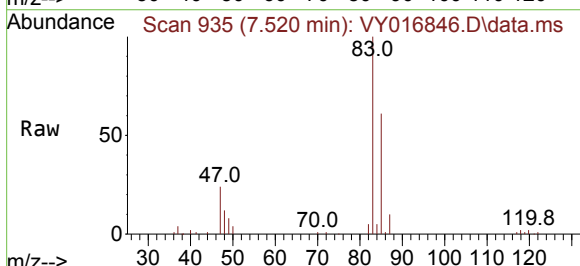
Acq: 26 Dec 2023 12:03

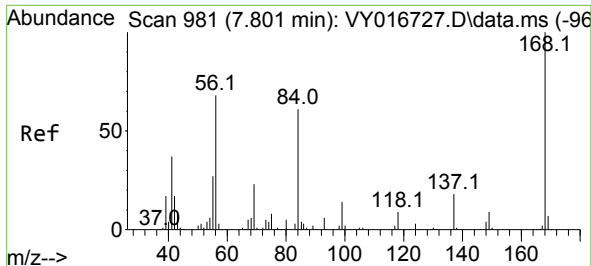
Tgt Ion: 83 Resp: 65333

Ion Ratio Lower Upper

83 100

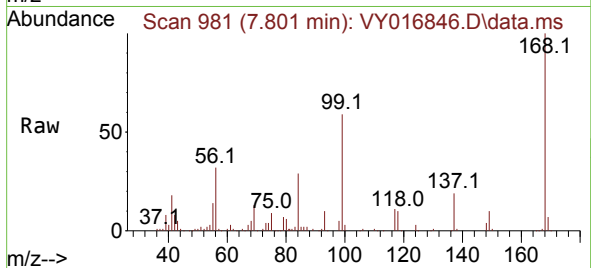
85 61.3 51.2 76.8



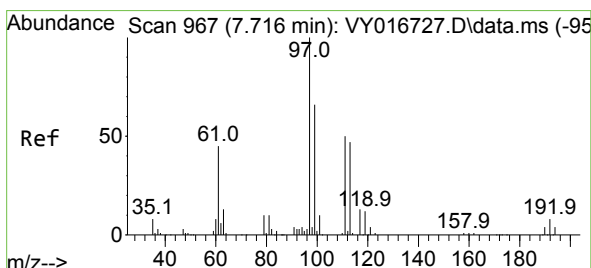
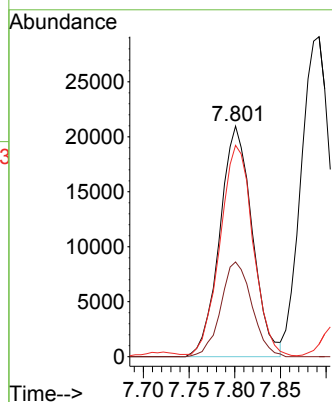
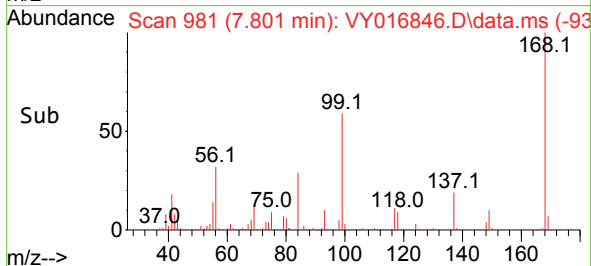


#31
Cyclohexane
Concen: 19.313 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :

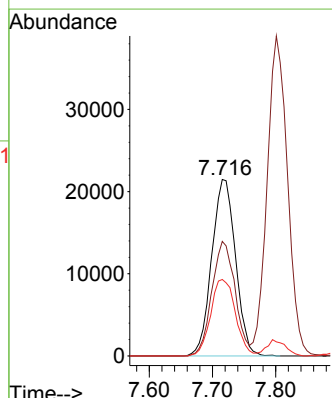
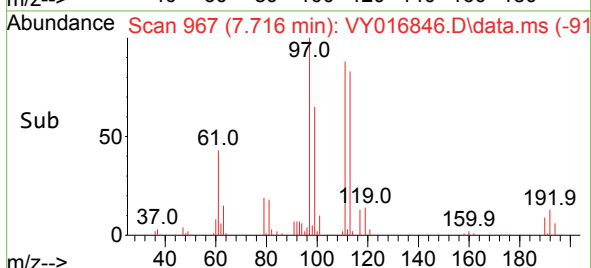
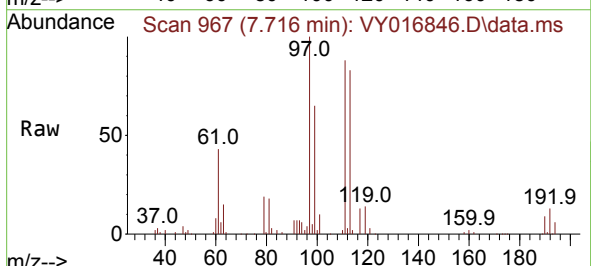


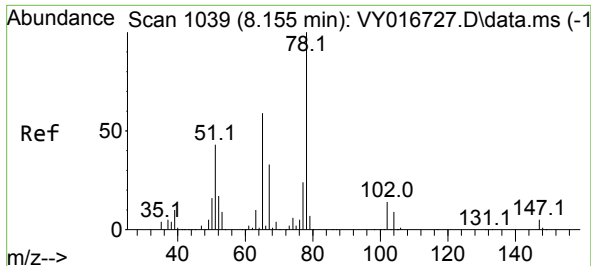
Tgt Ion: 56 Resp: 51817
Ion Ratio Lower Upper
56 100
69 41.1 27.0 40.6#
84 90.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.729 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 97 Resp: 56150
Ion Ratio Lower Upper
97 100
99 63.4 51.2 76.8
61 45.2 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 52.910 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

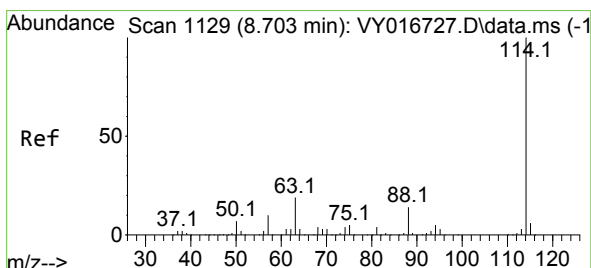
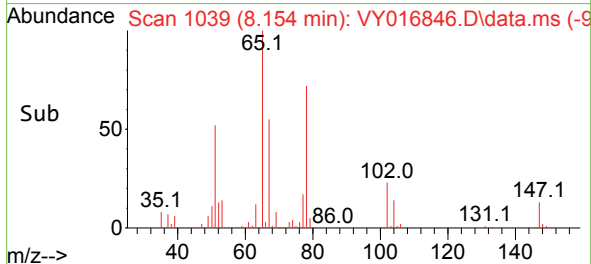
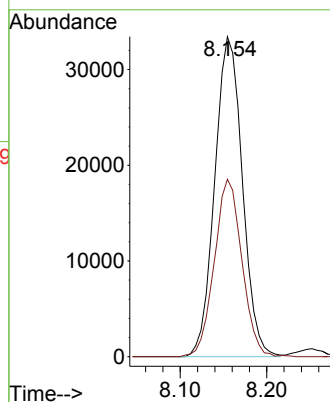
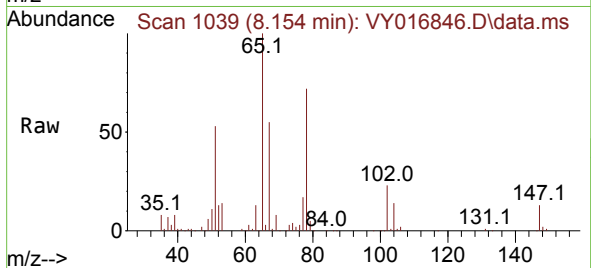
ClientSampleId :

Tgt Ion: 65 Resp: 74090

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

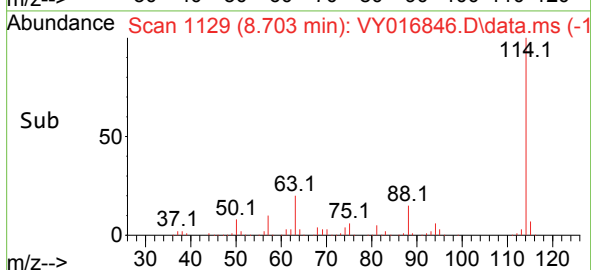
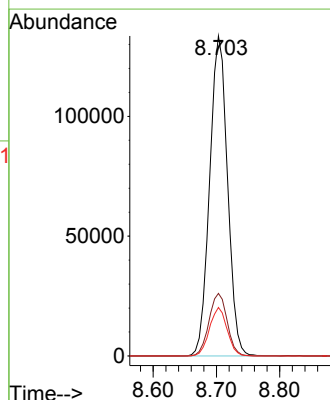
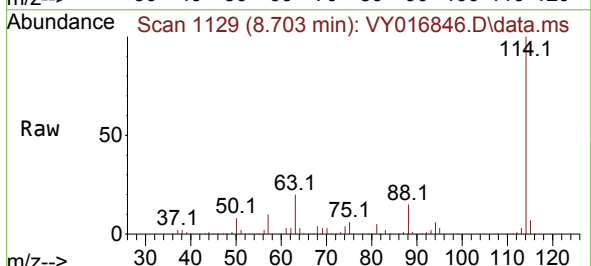
Tgt Ion: 114 Resp: 262146

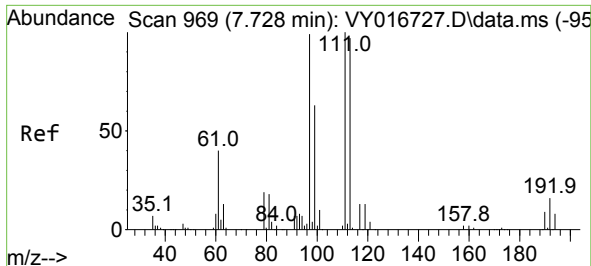
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

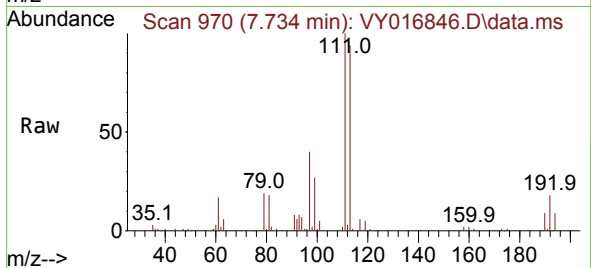
88 15.2 0.0 29.0



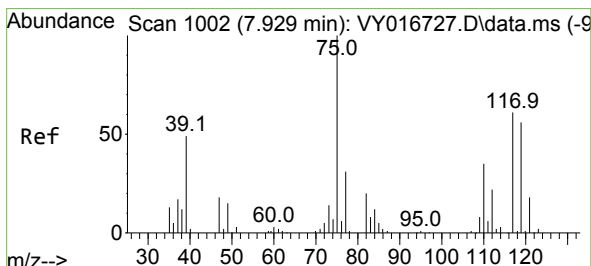
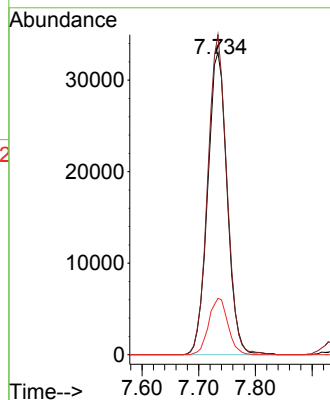
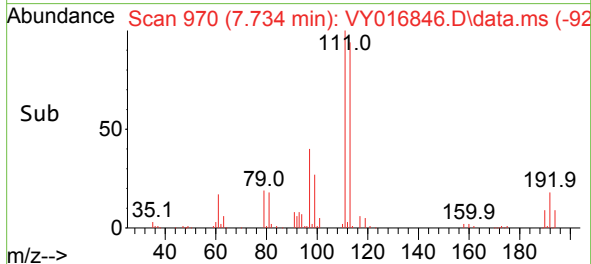


#35
Dibromofluoromethane
Concen: 52.460 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :

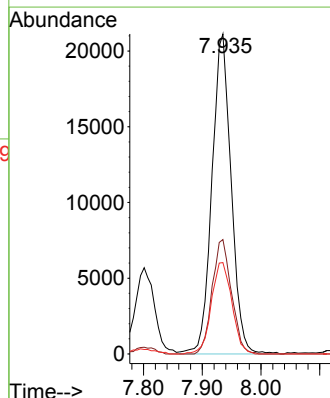
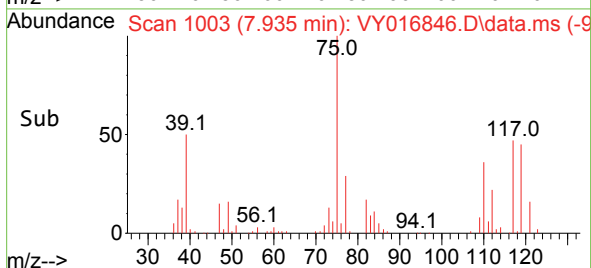
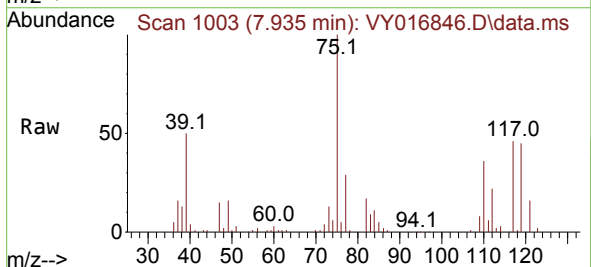


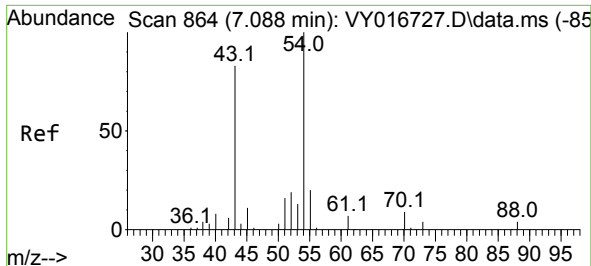
Tgt Ion:113 Resp: 78776
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 18.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 19.918 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 75 Resp: 47949
Ion Ratio Lower Upper
75 100
110 35.9 17.4 52.3
77 30.6 24.7 37.1





#37

Ethyl Acetate

Concen: 20.826 ug/l

RT: 7.094 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

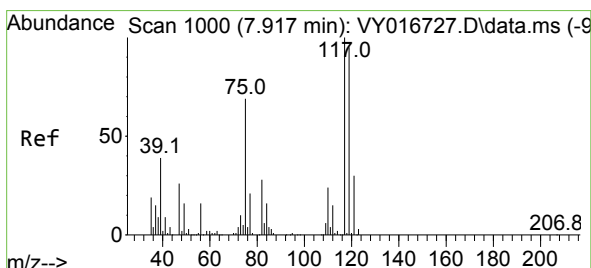
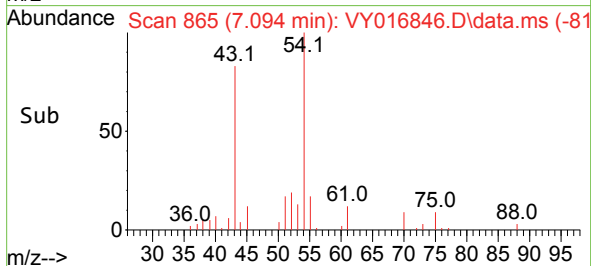
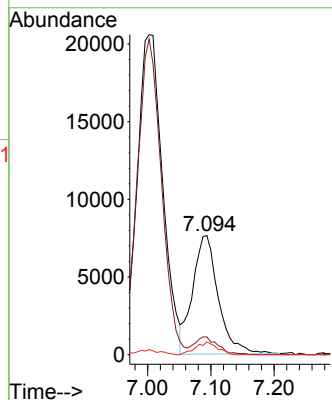
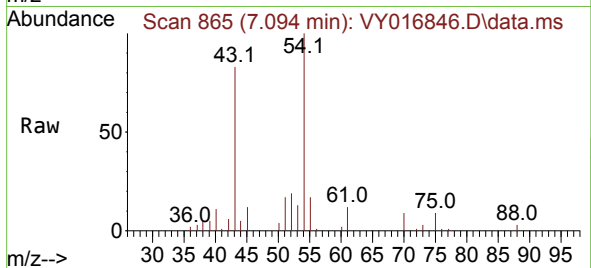
Tgt Ion: 43 Resp: 21489

Ion Ratio Lower Upper

43 100

61 13.6 11.0 16.6

70 9.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 20.111 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

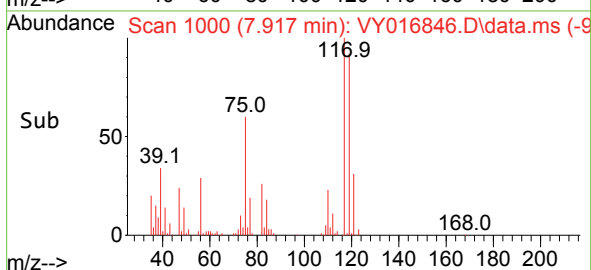
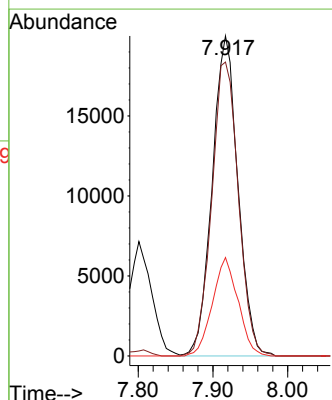
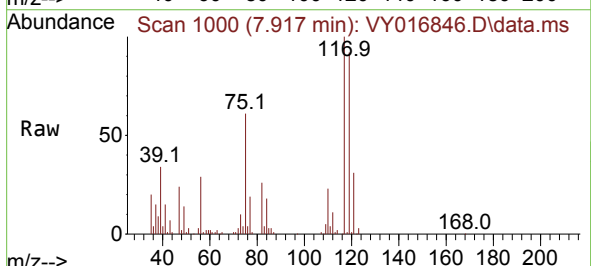
Tgt Ion: 117 Resp: 47908

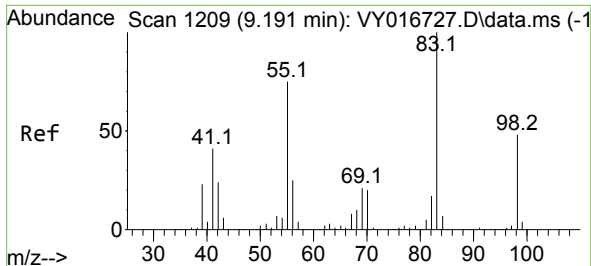
Ion Ratio Lower Upper

117 100

119 91.8 76.0 114.0

121 30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 19.100 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

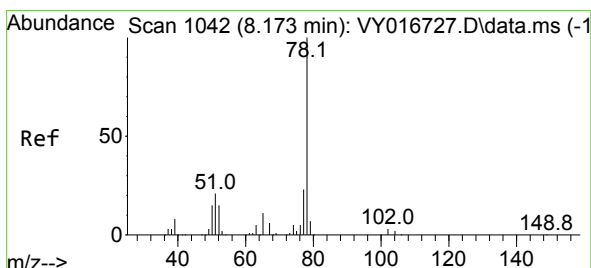
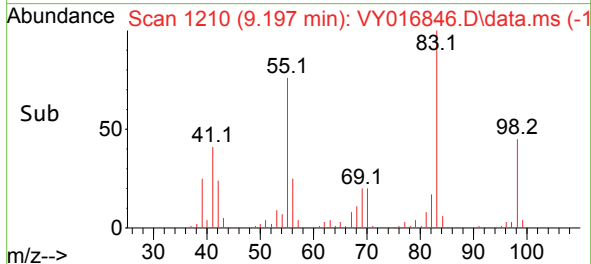
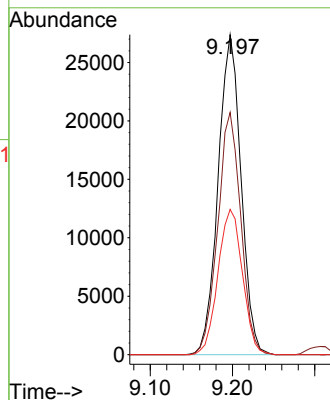
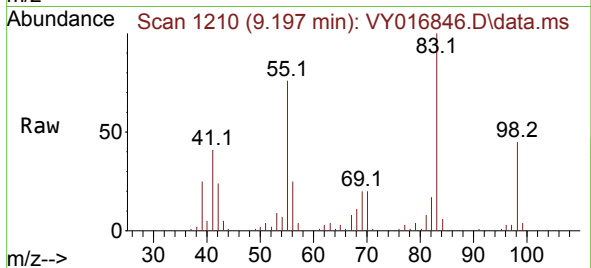
Tgt Ion: 83 Resp: 53087

Ion Ratio Lower Upper

83 100

55 75.7 59.7 89.5

98 45.4 38.0 57.0



#40

Benzene

Concen: 20.236 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016846.D

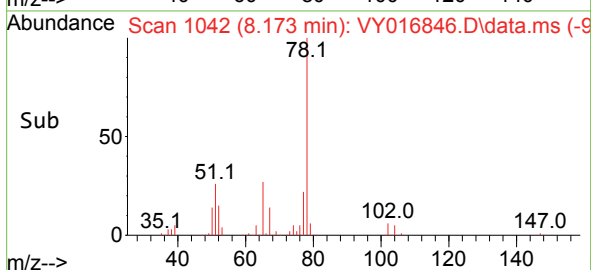
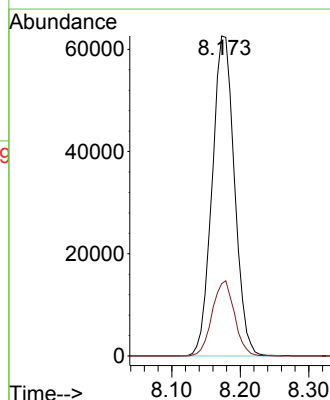
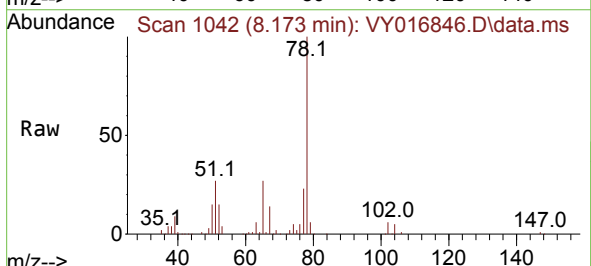
Acq: 26 Dec 2023 12:03

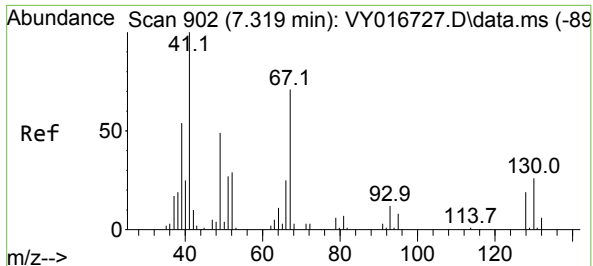
Tgt Ion: 78 Resp: 141764

Ion Ratio Lower Upper

78 100

77 22.6 18.8 28.2



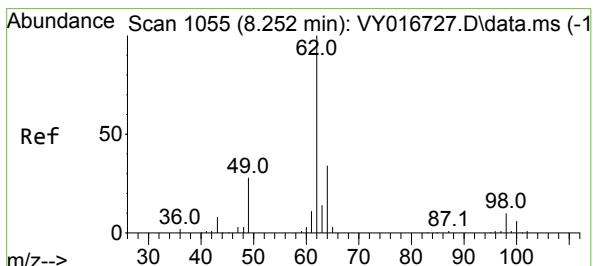
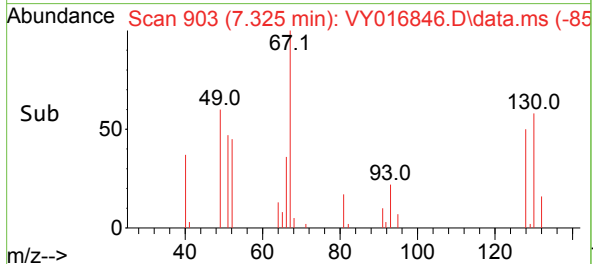
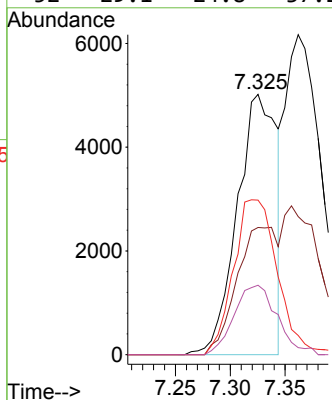
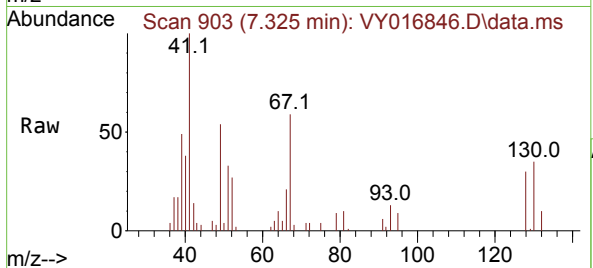


#41
Methacrylonitrile
Concen: 22.902 ug/l
RT: 7.325 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 12547

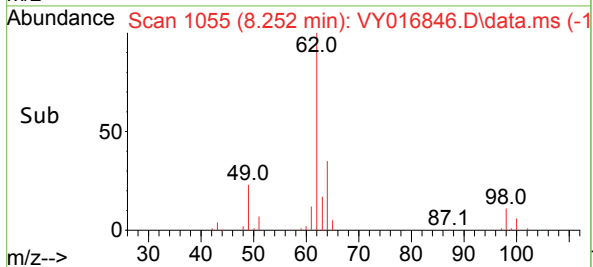
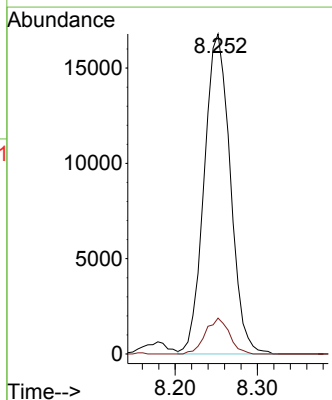
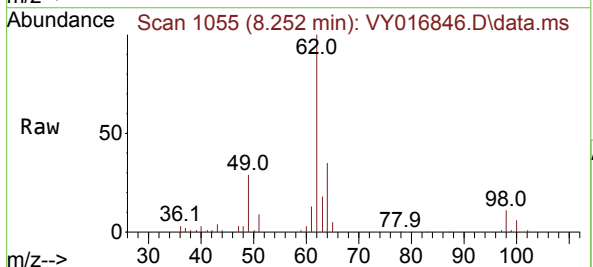
Ion	Ratio	Lower	Upper
41	100		
39	50.8	41.9	62.9
67	66.5	59.8	89.6
52	29.1	24.8	37.2

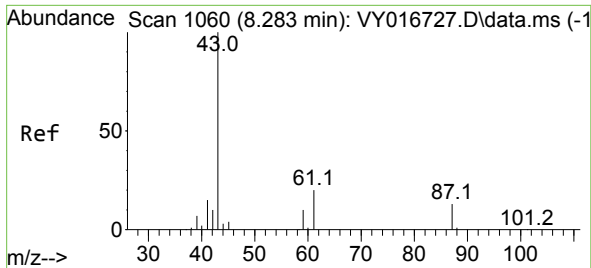


#42
1,2-Dichloroethane
Concen: 20.245 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 62 Resp: 37002

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2

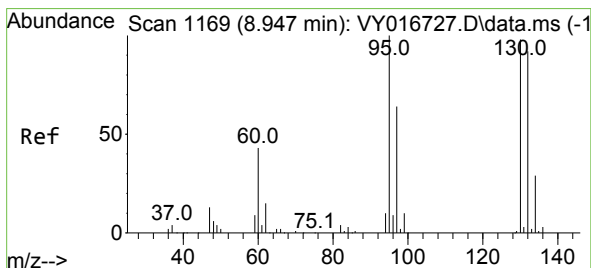
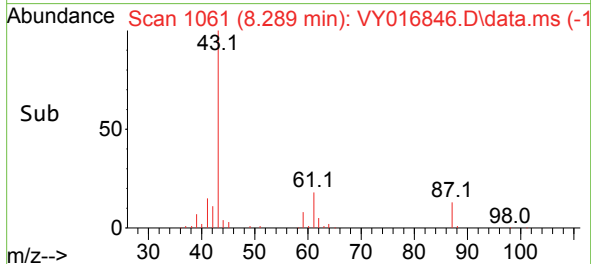
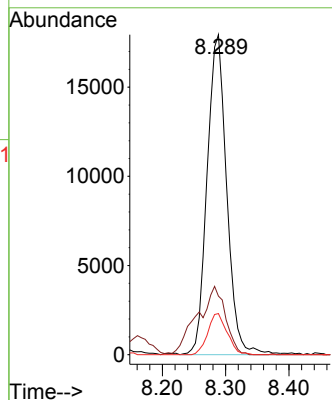
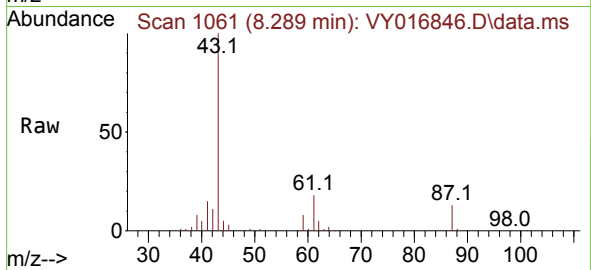




#43
Isopropyl Acetate
Concen: 19.279 ug/l
RT: 8.289 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

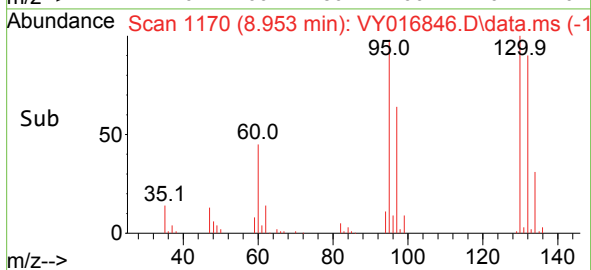
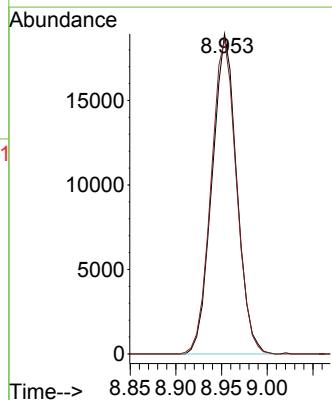
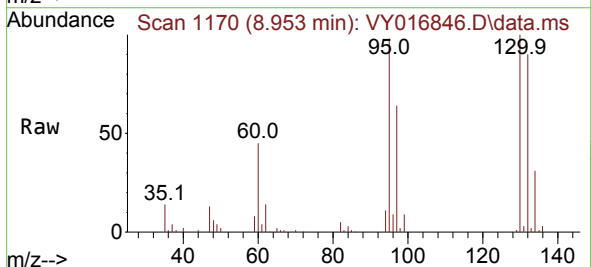
Instrument :
MSVOA_Y
ClientSampleId :

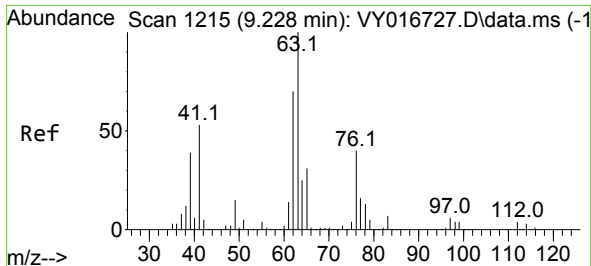
Tgt Ion: 43 Resp: 38637
Ion Ratio Lower Upper
43 100
61 30.8 24.8 37.2
87 12.7 10.7 16.1



#44
Trichloroethene
Concen: 19.840 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion:130 Resp: 35474
Ion Ratio Lower Upper
130 100
95 98.2 0.0 203.8

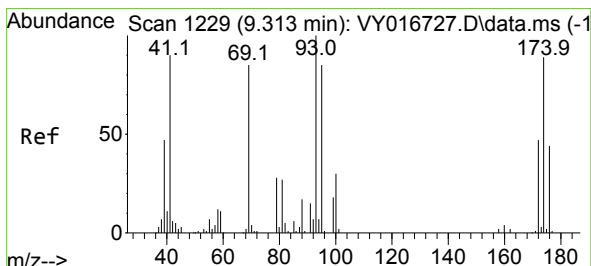
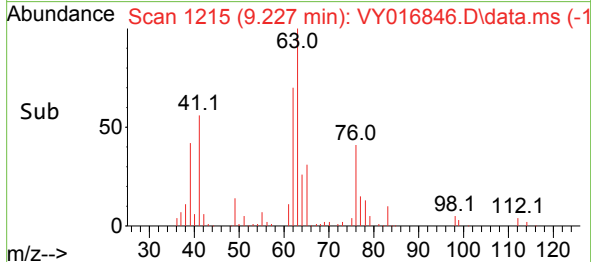
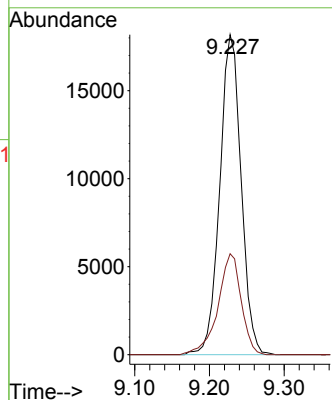
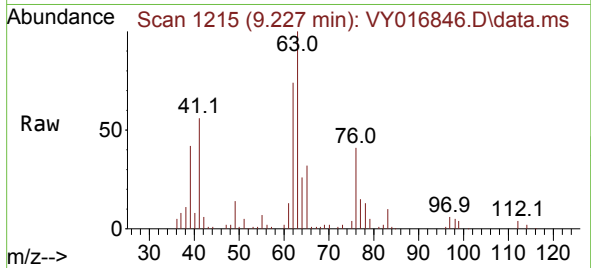




#45
1,2-Dichloropropane
Concen: 20.525 ug/l
RT: 9.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

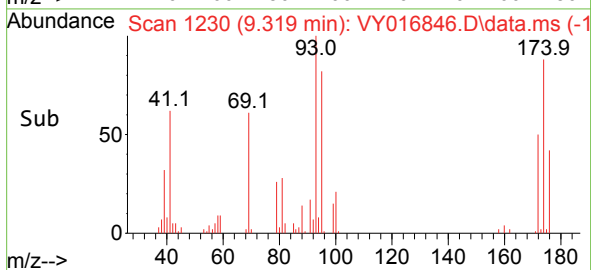
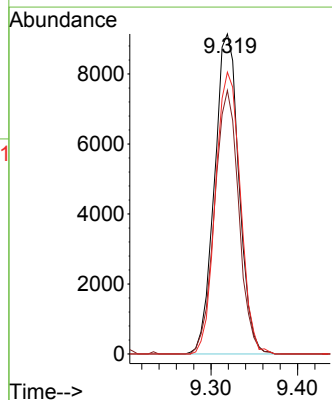
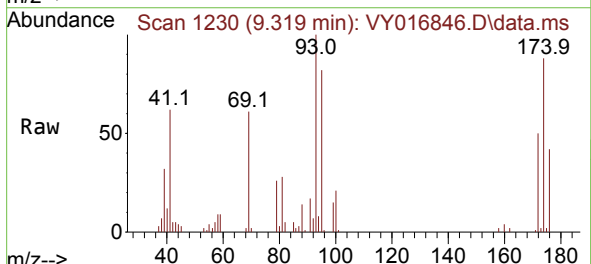
Instrument :
MSVOA_Y
ClientSampleId :

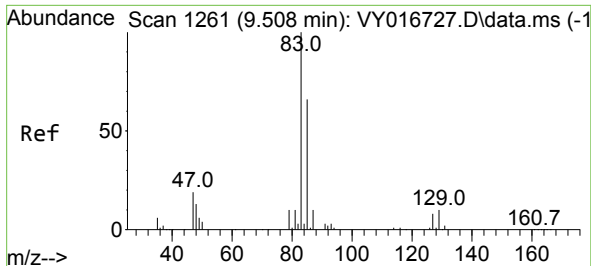
Tgt Ion: 63 Resp: 36068
Ion Ratio Lower Upper
63 100
65 31.5 24.6 36.8



#46
Dibromomethane
Concen: 19.804 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

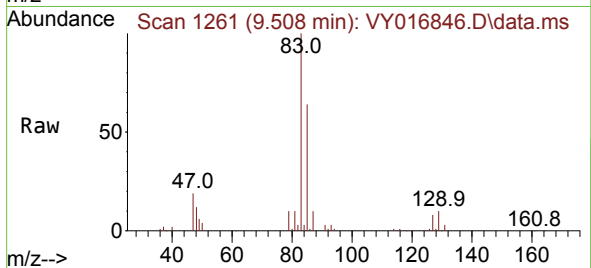
Tgt Ion: 93 Resp: 17979
Ion Ratio Lower Upper
93 100
95 81.1 66.6 99.8
174 89.4 73.8 110.6



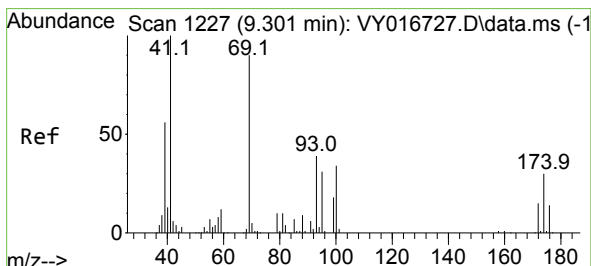
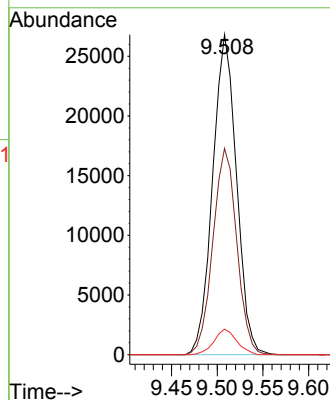
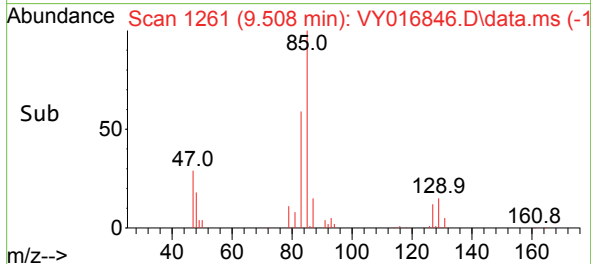


#47
Bromodichloromethane
Concen: 20.297 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :

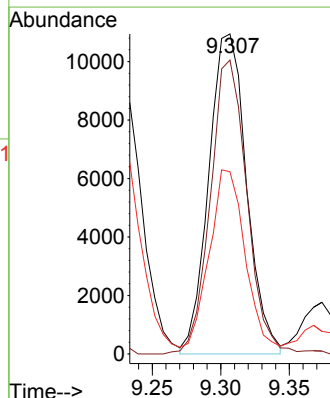
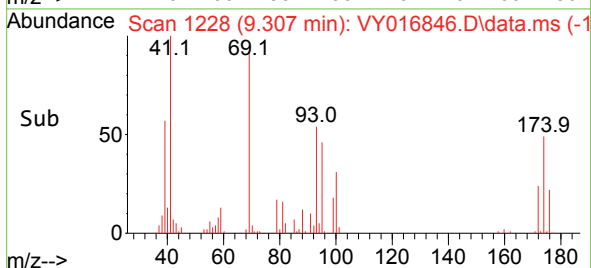
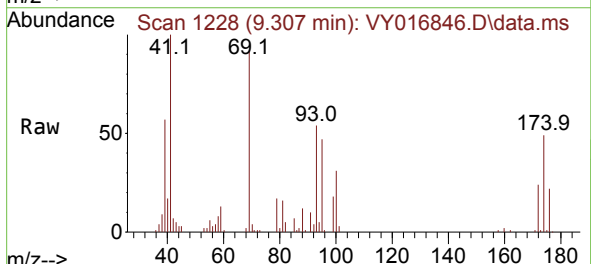


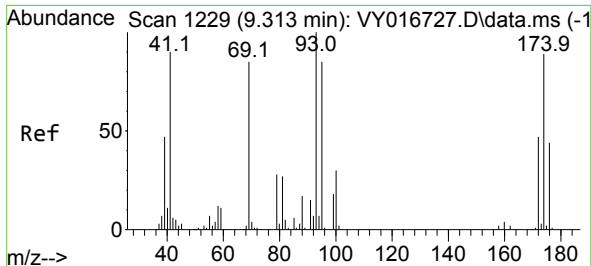
Tgt Ion: 83 Resp: 48566
Ion Ratio Lower Upper
83 100
85 64.5 53.2 79.8
127 7.9 6.4 9.6



#48
Methyl methacrylate
Concen: 18.861 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 41 Resp: 21007
Ion Ratio Lower Upper
41 100
69 89.0 72.1 108.1
39 52.1 42.8 64.2





#49

1,4-Dioxane

Concen: 397.104 ug/l

RT: 9.313 min Scan# 1

Delta R.T. -0.000 min

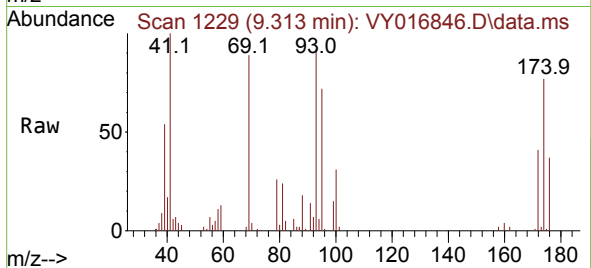
Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :



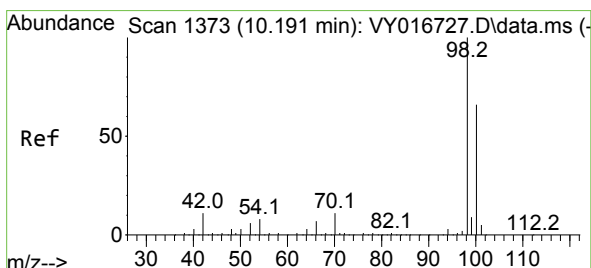
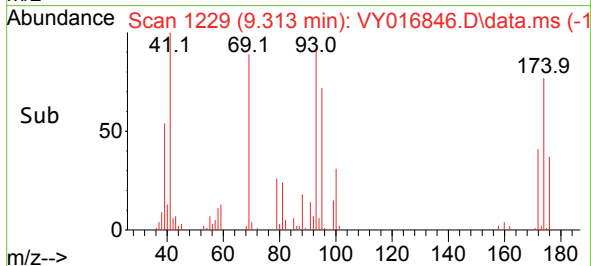
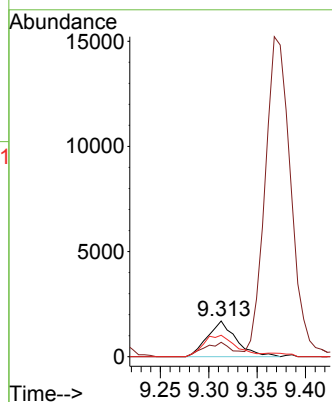
Tgt Ion: 88 Resp: 3499

Ion Ratio Lower Upper

88 100

43 37.4 28.2 42.4

58 68.8 52.2 78.2



#50

Toluene-d8

Concen: 54.137 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016846.D

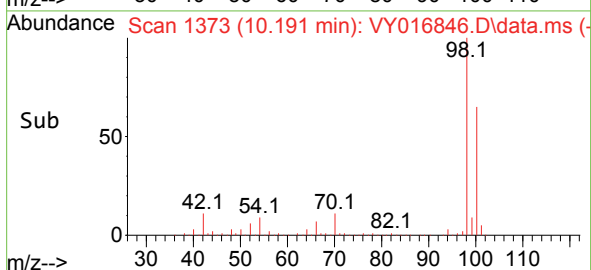
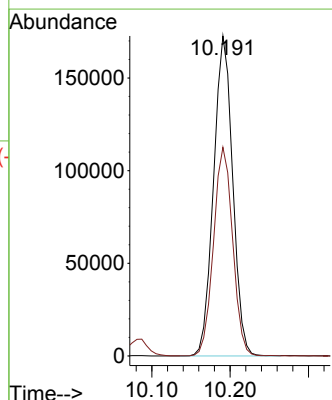
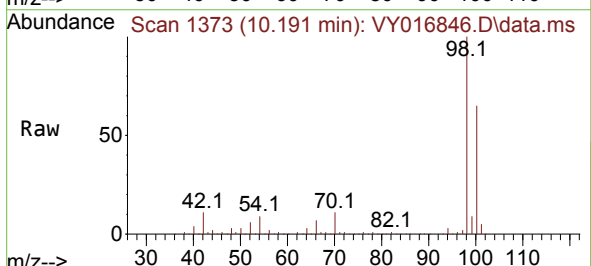
Acq: 26 Dec 2023 12:03

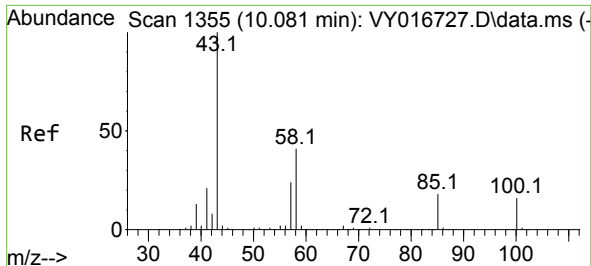
Tgt Ion: 98 Resp: 293056

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5

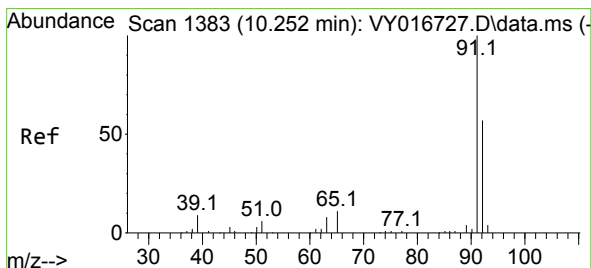
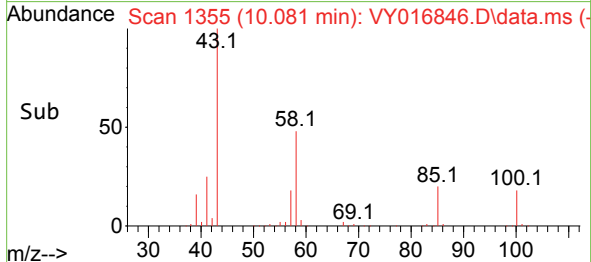
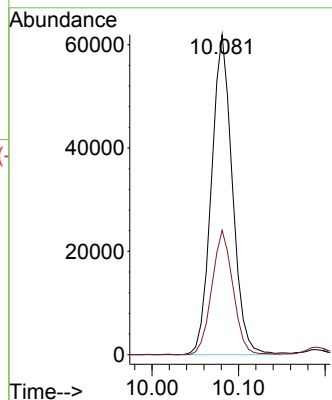
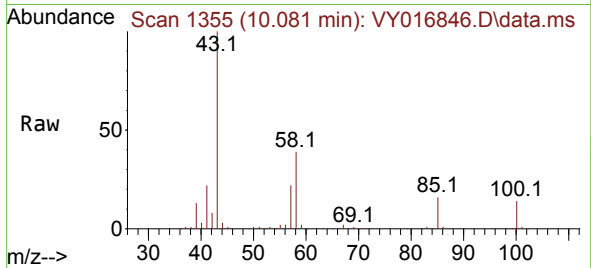




#51
4-Methyl-2-Pentanone
Concen: 97.446 ug/l
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

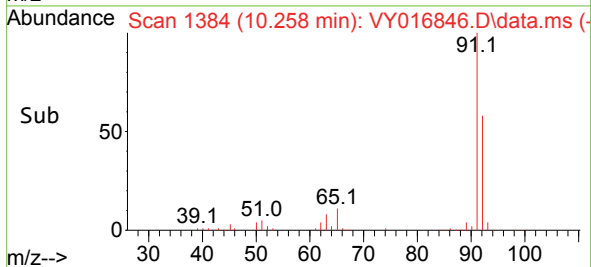
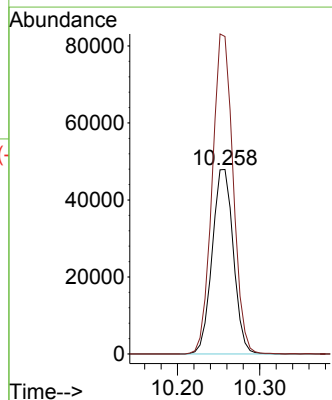
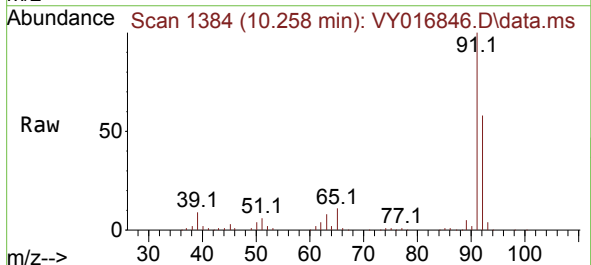
Instrument :
MSVOA_Y
ClientSampleId :

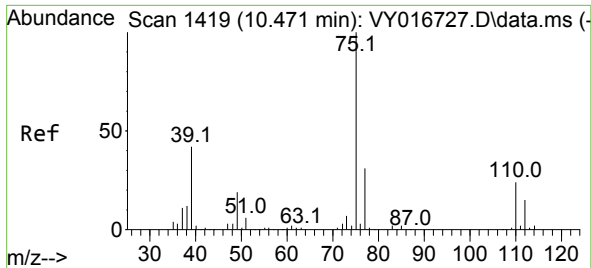
Tgt Ion: 43 Resp: 104052
Ion Ratio Lower Upper
43 100
58 39.3 32.2 48.2



#52
Toluene
Concen: 20.430 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 92 Resp: 85767
Ion Ratio Lower Upper
92 100
91 171.2 137.6 206.4

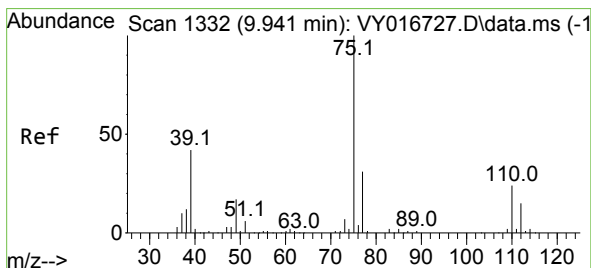
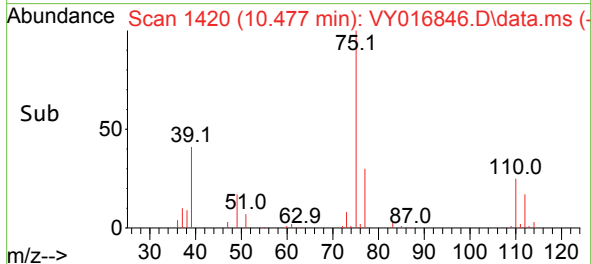
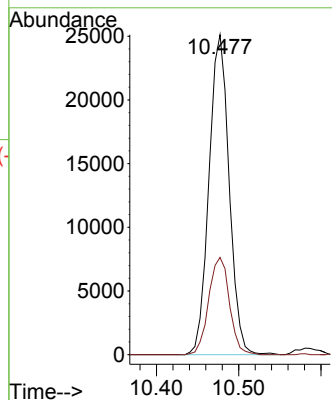
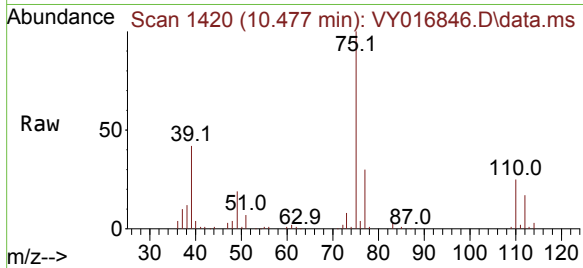




#53
 t-1,3-Dichloropropene
 Concen: 19.603 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016846.D
 Acq: 26 Dec 2023 12:03

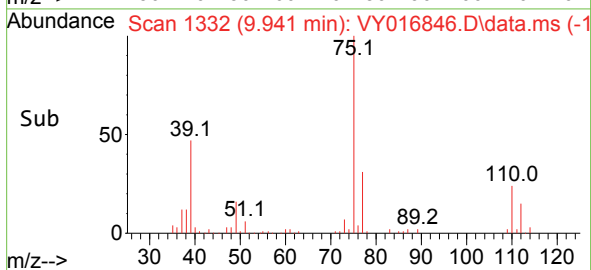
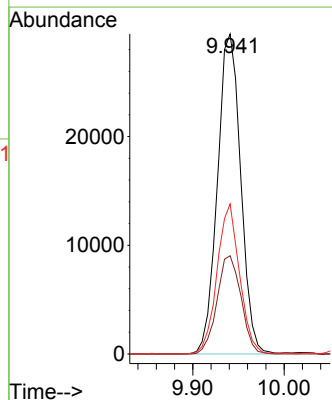
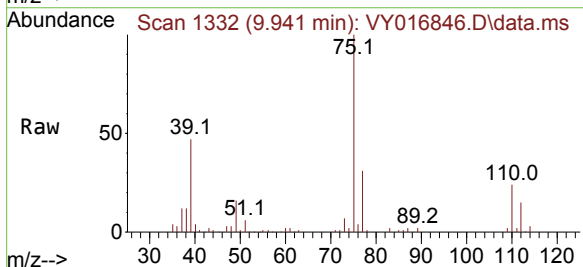
Instrument :
 MSVOA_Y
 ClientSampleId :

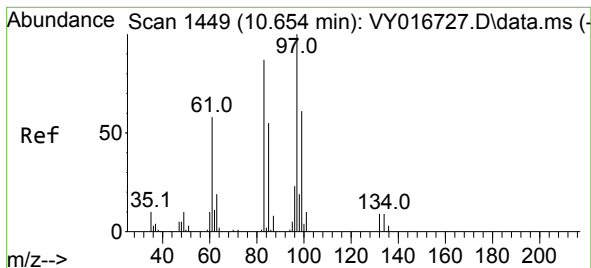
Tgt Ion: 75 Resp: 42770
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.813 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016846.D
 Acq: 26 Dec 2023 12:03

Tgt Ion: 75 Resp: 52143
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8
 39 46.9 33.6 50.4

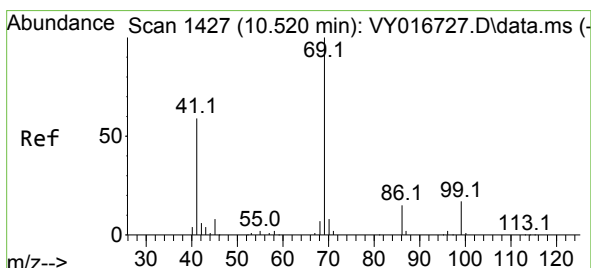
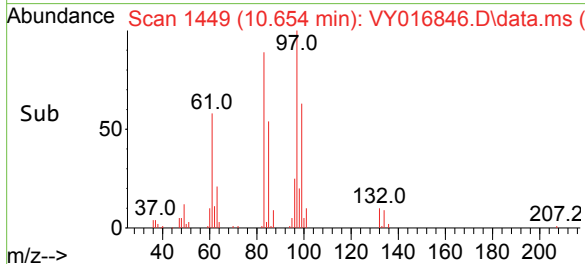
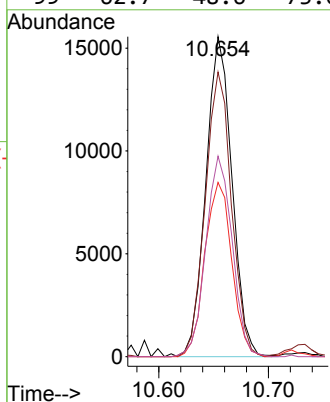
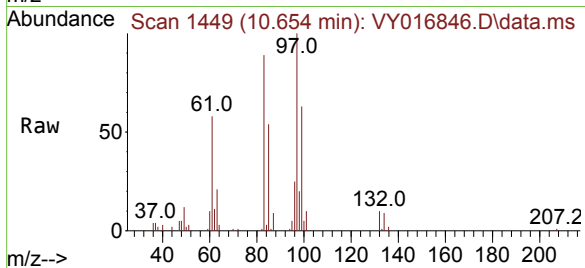




#55
1,1,2-Trichloroethane
Concen: 19.901 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

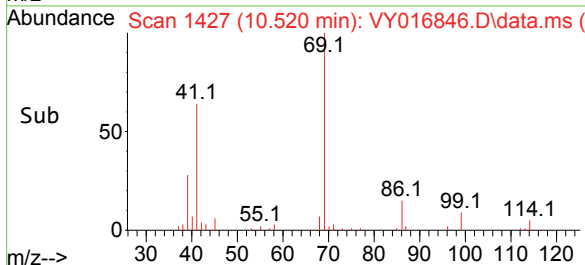
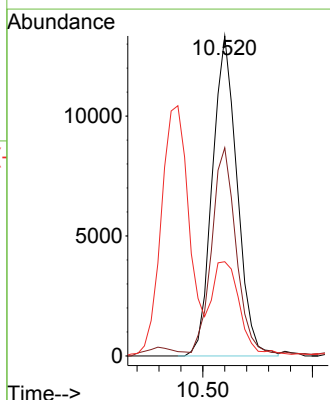
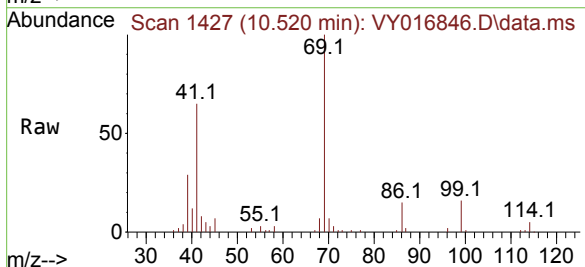
Instrument :
MSVOA_Y
ClientSampleId :

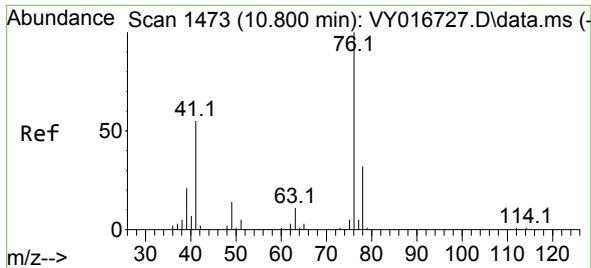
Tgt Ion: 97	Resp: 25777
Ion Ratio	Lower Upper
97 100	
83 88.5	69.4 104.2
85 54.4	43.9 65.9
99 62.7	48.6 73.0



#56
Ethyl methacrylate
Concen: 18.369 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 69	Resp: 20922
Ion Ratio	Lower Upper
69 100	
41 64.8	49.2 73.8
39 31.8	26.8 40.2

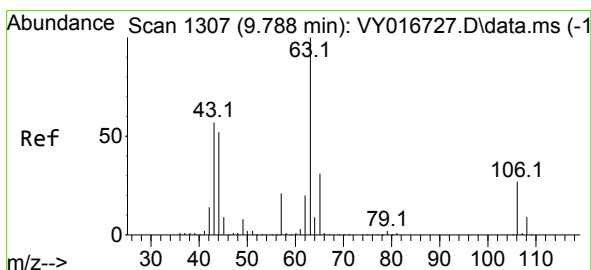
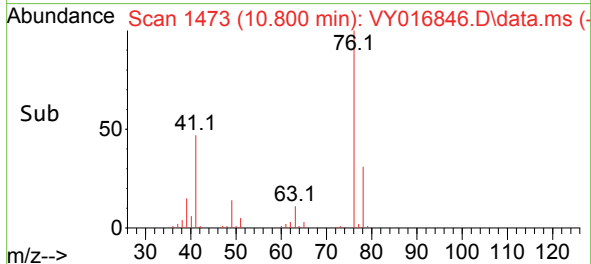
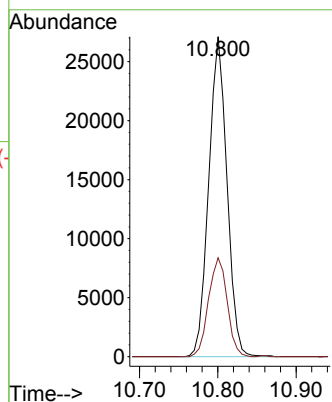
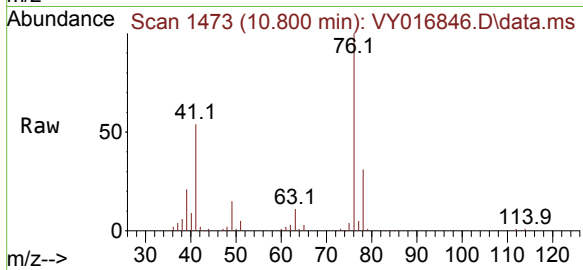




#57
1,3-Dichloropropane
Concen: 19.920 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

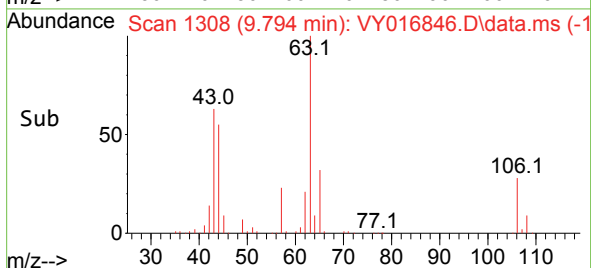
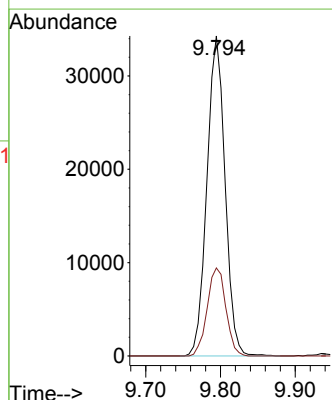
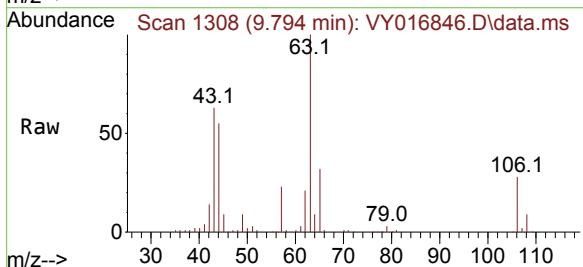
Instrument :
MSVOA_Y
ClientSampleId :

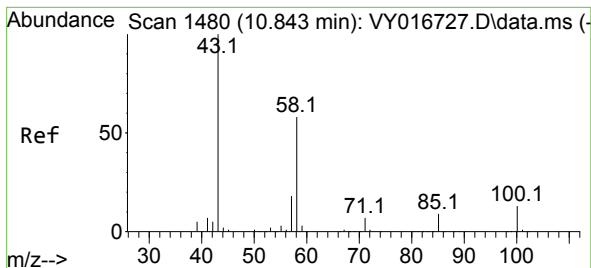
Tgt Ion: 76 Resp: 43825
Ion Ratio Lower Upper
76 100
78 31.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 94.211 ug/l
RT: 9.794 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 63 Resp: 57724
Ion Ratio Lower Upper
63 100
106 28.3 22.4 33.6





#59

2-Hexanone

Concen: 103.543 ug/l

RT: 10.843 min Scan# 1480

Delta R.T. 0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

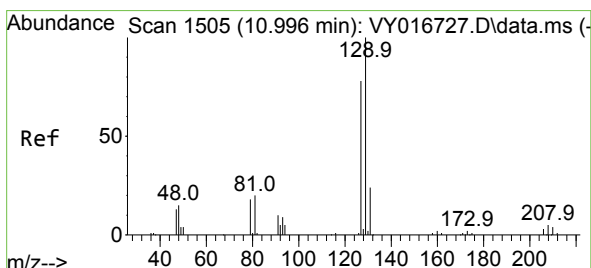
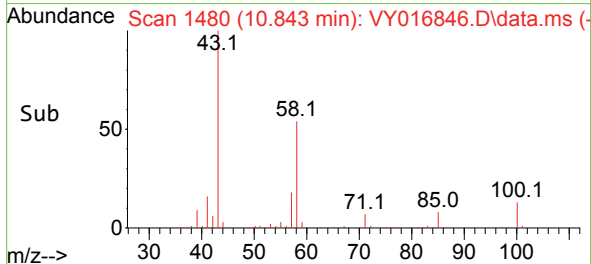
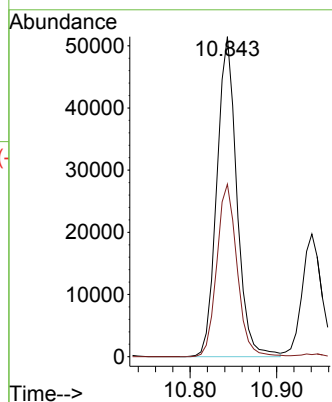
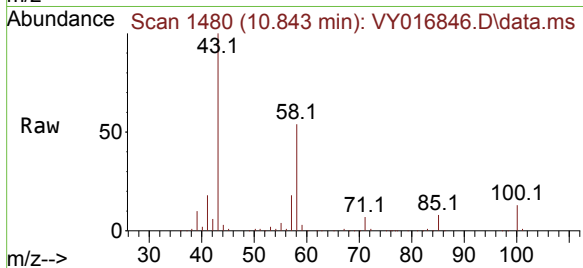
ClientSampleId :

Tgt Ion: 43 Resp: 82442

Ion Ratio Lower Upper

43 100

58 54.8 28.1 84.3



#60

Dibromochloromethane

Concen: 20.063 ug/l

RT: 10.995 min Scan# 1505

Delta R.T. -0.000 min

Lab File: VY016846.D

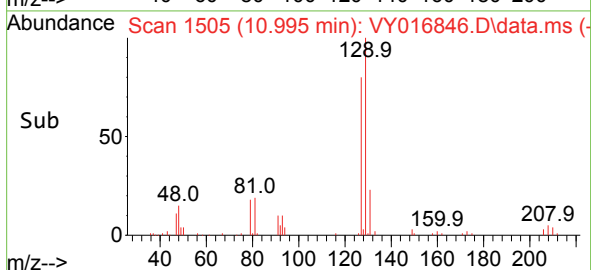
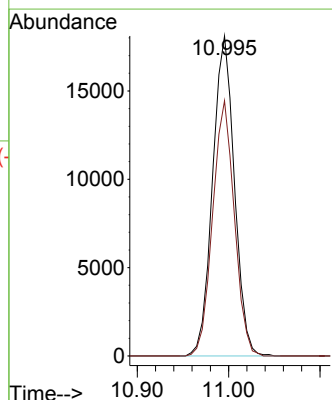
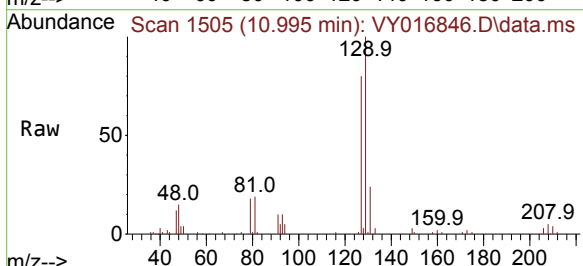
Acq: 26 Dec 2023 12:03

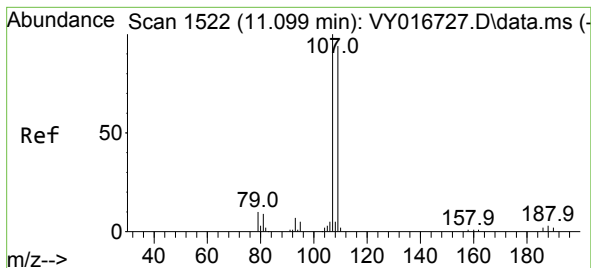
Tgt Ion: 129 Resp: 30061

Ion Ratio Lower Upper

129 100

127 79.4 39.2 117.6

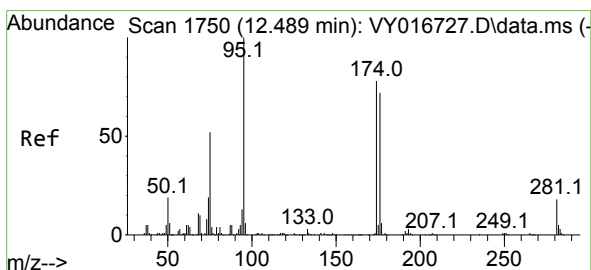
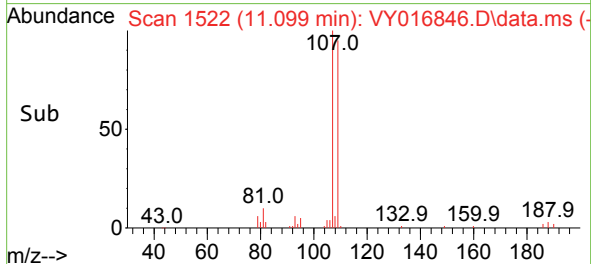
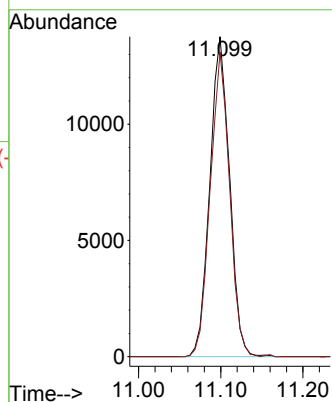
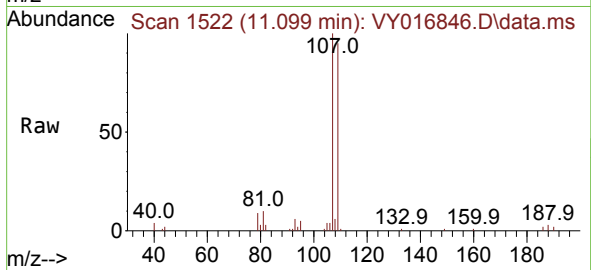




#61
1,2-Dibromoethane
Concen: 19.760 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

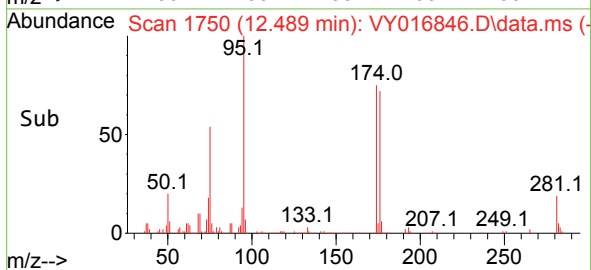
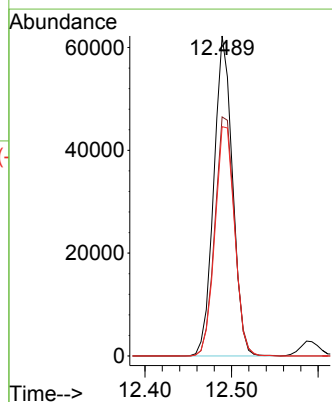
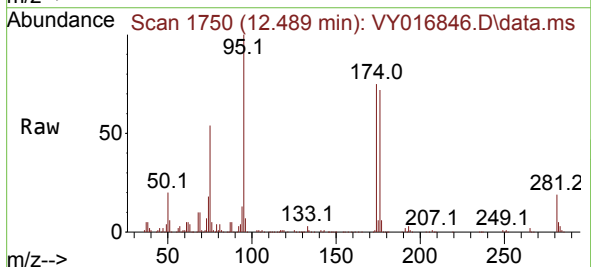
Instrument :
MSVOA_Y
ClientSampleId :

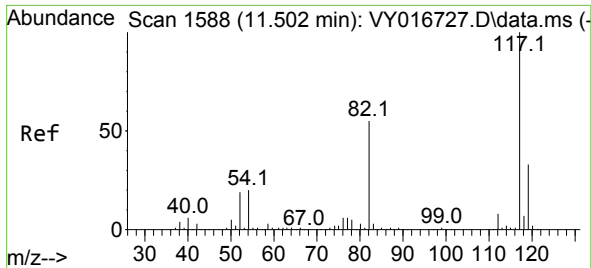
Tgt Ion:107 Resp: 22953
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.386 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 95 Resp: 93758
Ion Ratio Lower Upper
95 100
174 78.4 0.0 160.0
176 75.3 0.0 151.8

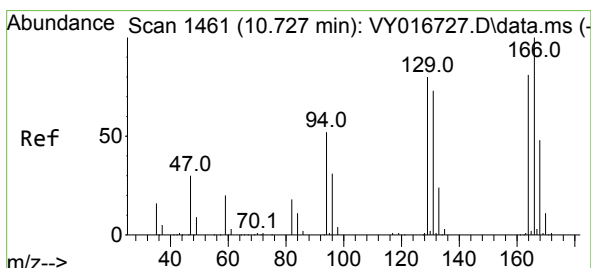
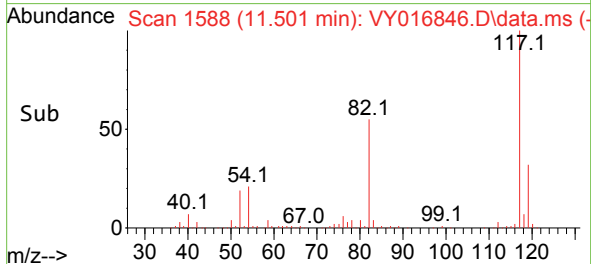
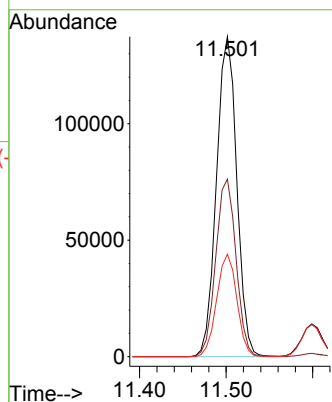
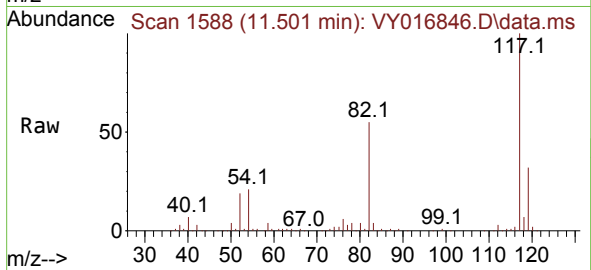




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

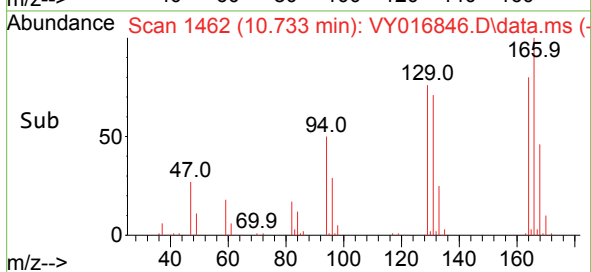
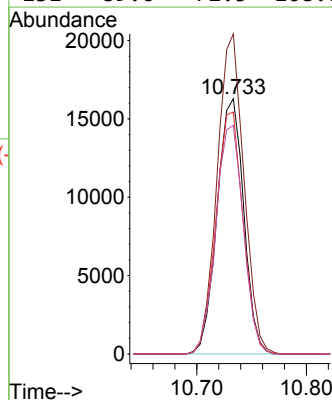
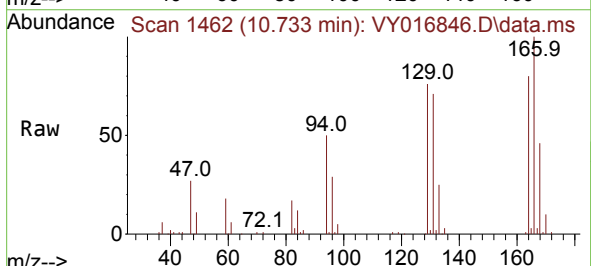
Instrument :
MSVOA_Y
ClientSampleId :

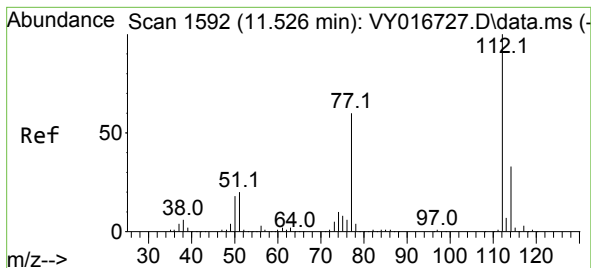
Tgt Ion:117 Resp: 223856
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 32.1 26.5 39.7



#64
Tetrachloroethene
Concen: 19.775 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion:164 Resp: 27499
Ion Ratio Lower Upper
164 100
166 125.4 98.8 148.2
129 94.8 78.9 118.3
131 89.6 72.5 108.7

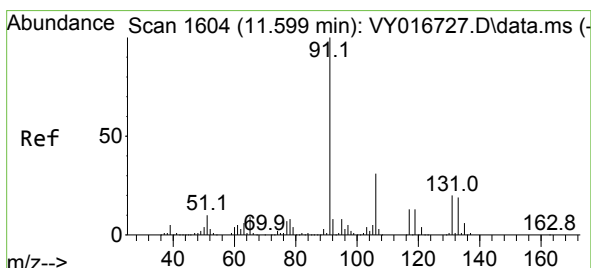
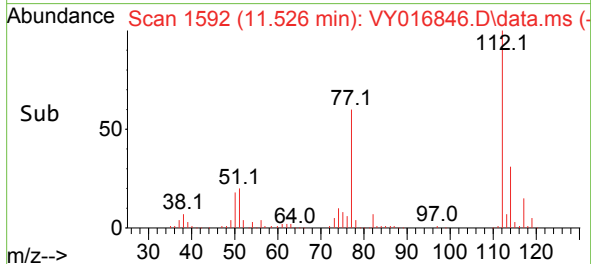
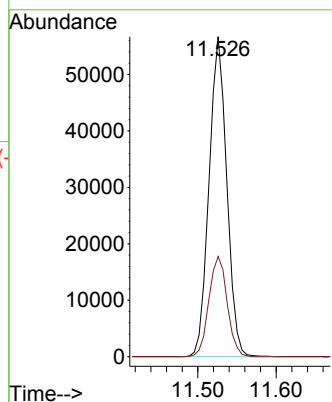
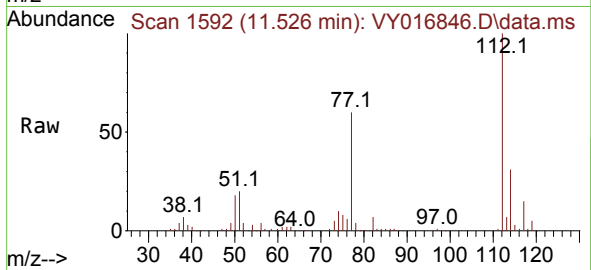




#65
Chlorobenzene
Concen: 20.210 ug/l
RT: 11.526 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

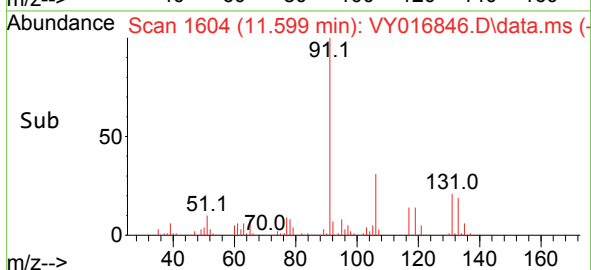
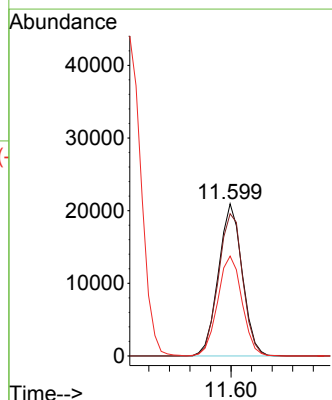
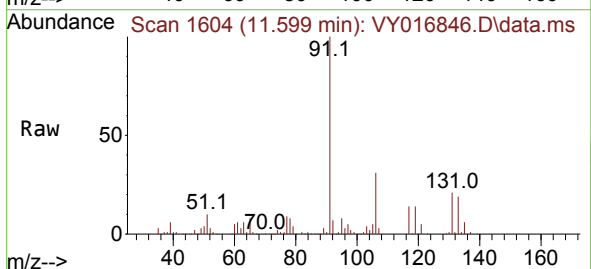
Instrument :
MSVOA_Y
ClientSampleId :

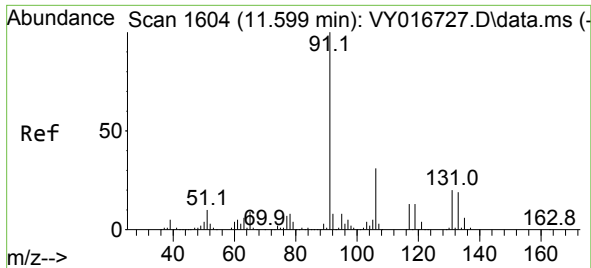
Tgt Ion:112 Resp: 88888
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.341 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion:131 Resp: 33661
Ion Ratio Lower Upper
131 100
133 95.9 47.0 141.0
119 67.1 33.3 99.9





#67

Ethyl Benzene

Concen: 20.271 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

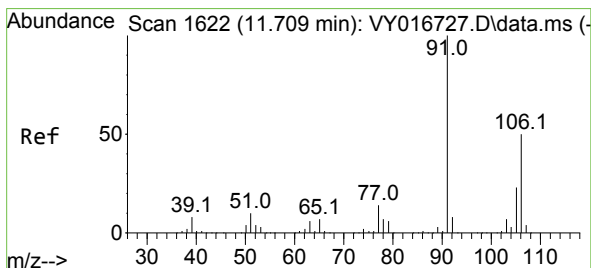
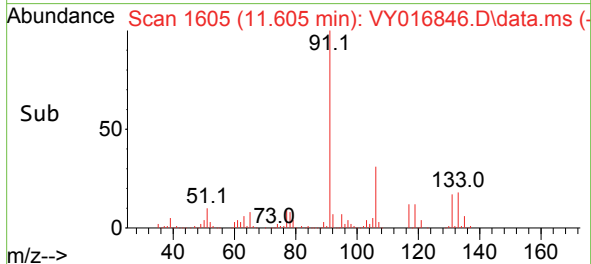
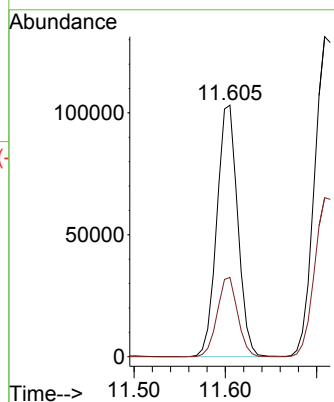
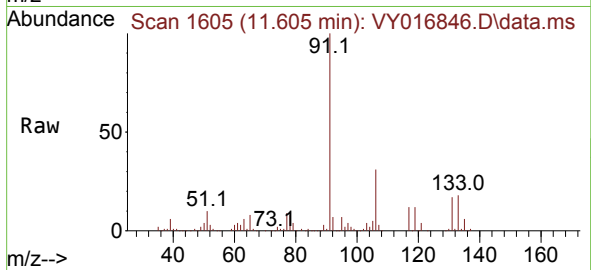
ClientSampleId :

Tgt Ion: 91 Resp: 164094

Ion Ratio Lower Upper

91 100

106 31.5 25.0 37.4



#68

m/p-Xylenes

Concen: 40.661 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016846.D

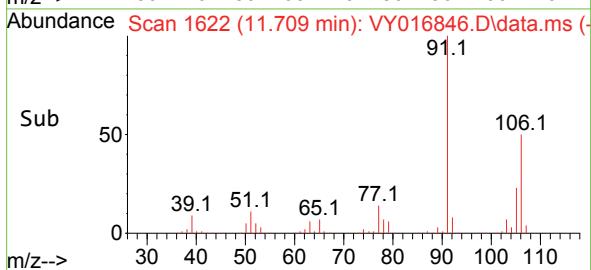
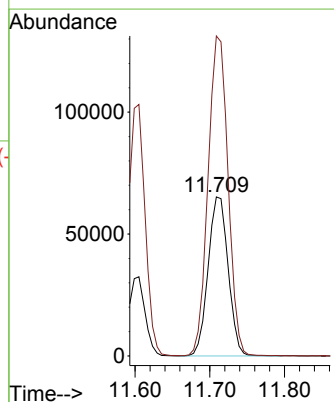
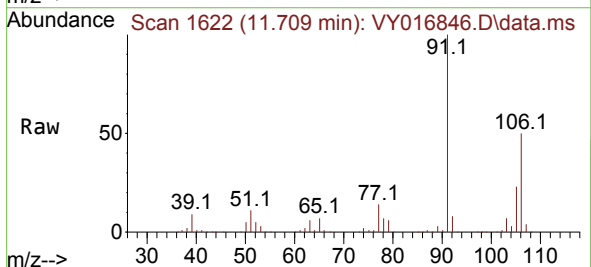
Acq: 26 Dec 2023 12:03

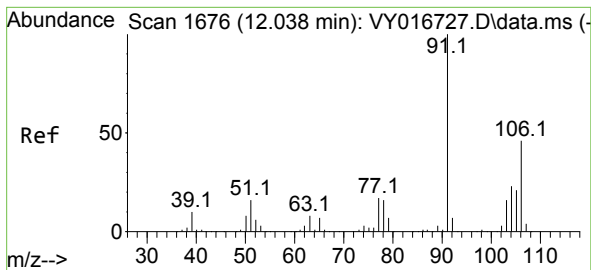
Tgt Ion:106 Resp: 121548

Ion Ratio Lower Upper

106 100

91 201.3 160.7 241.1





#69

o-Xylene

Concen: 20.391 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

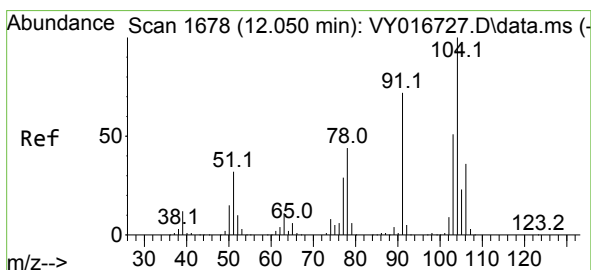
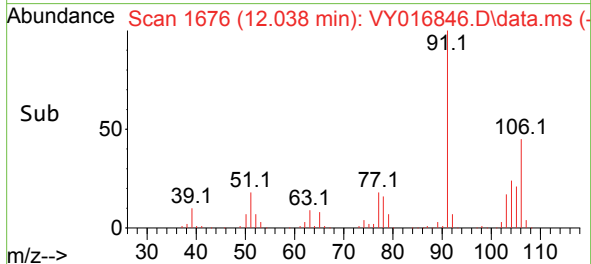
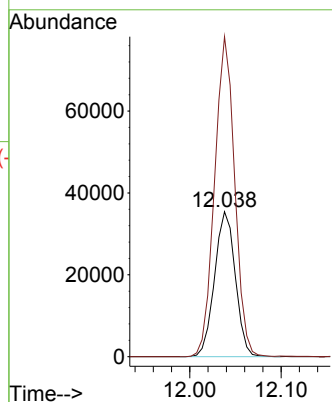
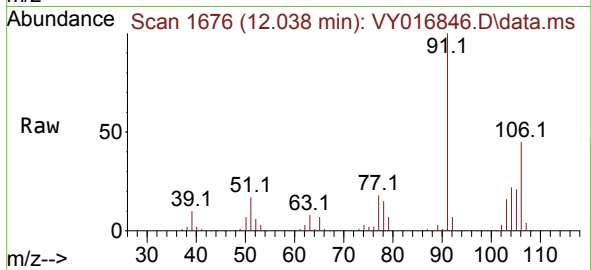
ClientSampleId :

Tgt Ion:106 Resp: 55920

Ion Ratio Lower Upper

106 100

91 213.7 106.5 319.5



#70

Styrene

Concen: 19.978 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

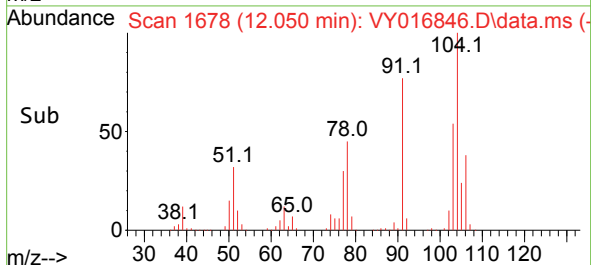
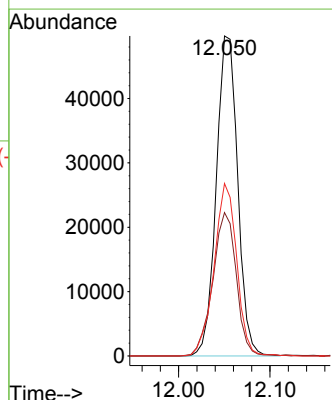
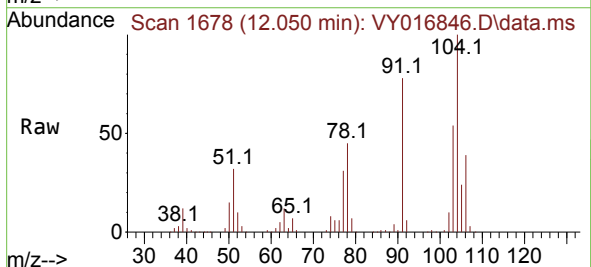
Tgt Ion:104 Resp: 81074

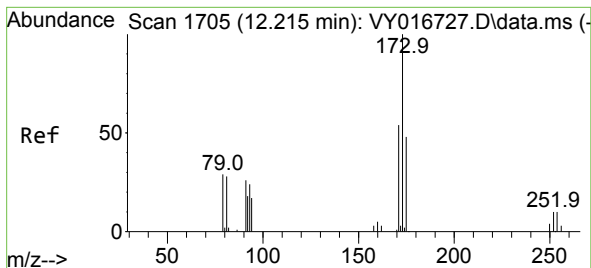
Ion Ratio Lower Upper

104 100

78 49.2 39.2 58.8

103 57.0 43.8 65.6





#71

Bromoform

Concen: 18.665 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

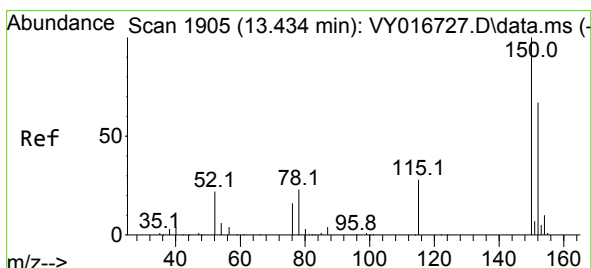
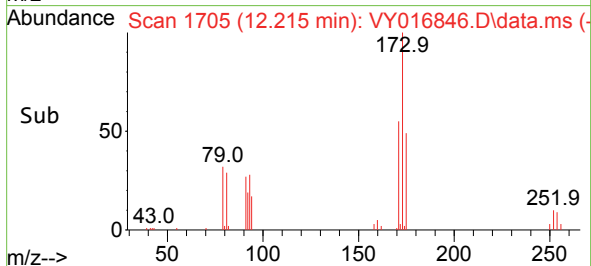
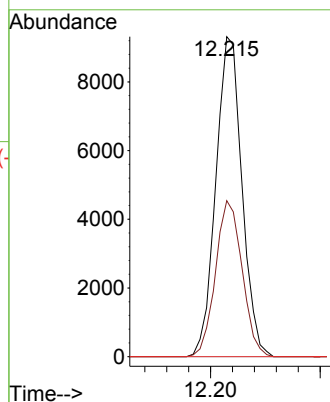
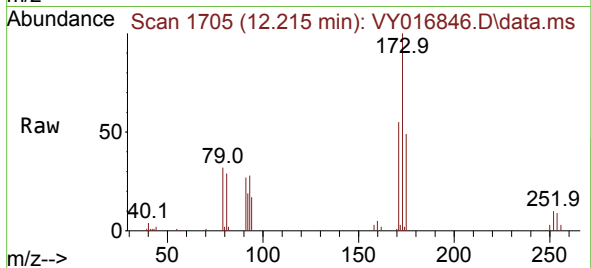
Tgt Ion:173 Resp: 15399

Ion Ratio Lower Upper

173 100

175 49.7 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: VY016846.D

Acq: 26 Dec 2023 12:03

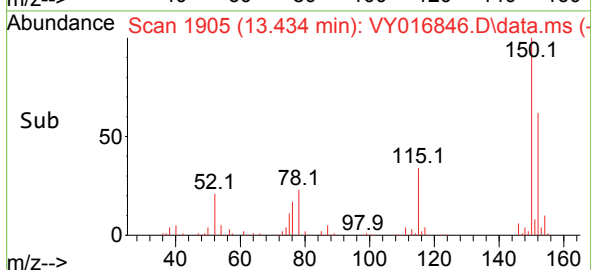
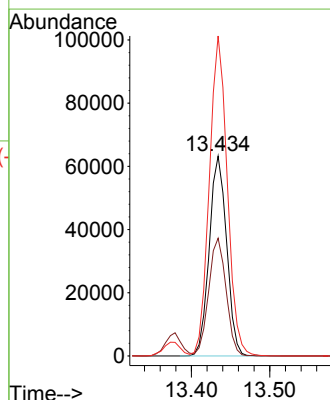
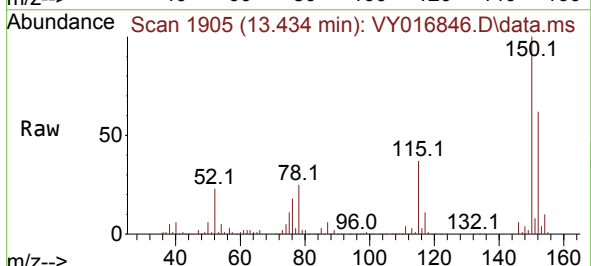
Tgt Ion:152 Resp: 97448

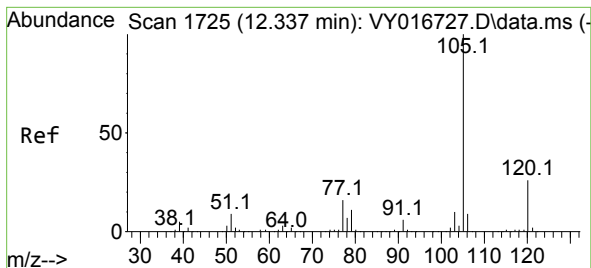
Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 165.2 0.0 344.6





#73

Isopropylbenzene

Concen: 20.515 ug/l

RT: 12.337 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

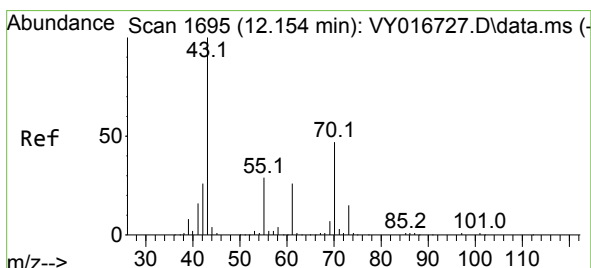
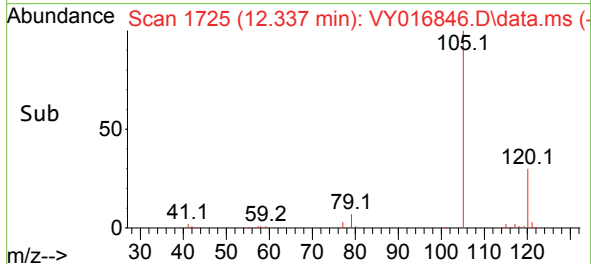
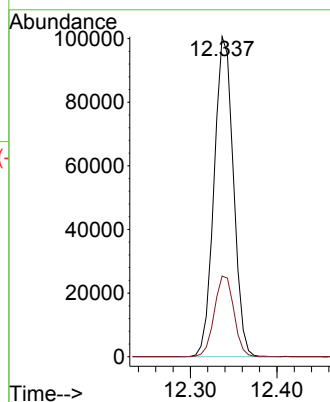
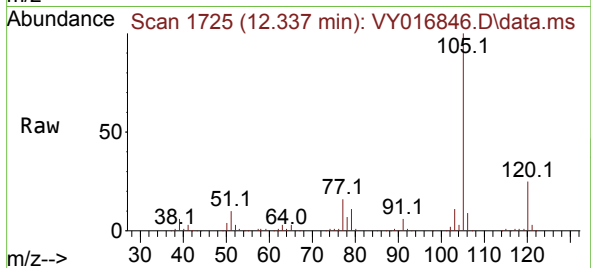
ClientSampleId :

Tgt Ion:105 Resp: 155693

Ion Ratio Lower Upper

105 100

120 25.5 13.0 39.0



#74

N-ethyl acetate

Concen: 19.152 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Tgt Ion: 43 Resp: 30504

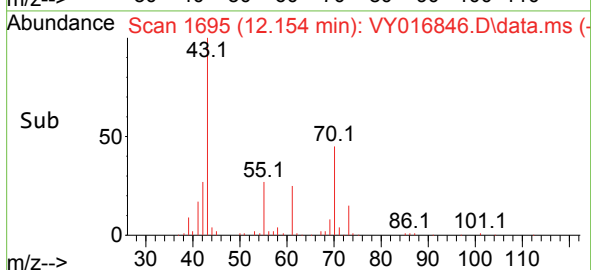
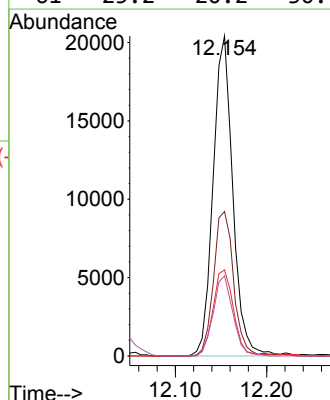
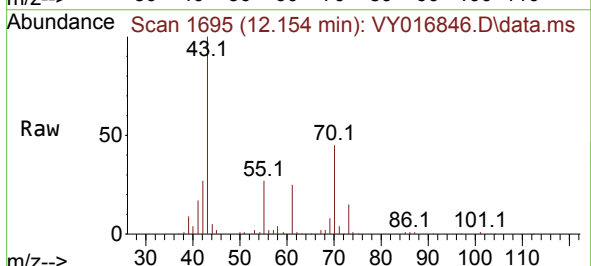
Ion Ratio Lower Upper

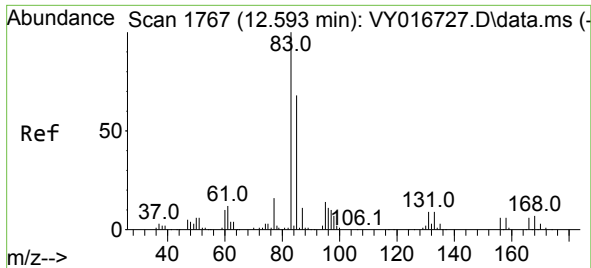
43 100

70 46.5 36.6 55.0

55 28.0 22.2 33.4

61 25.2 20.2 30.4

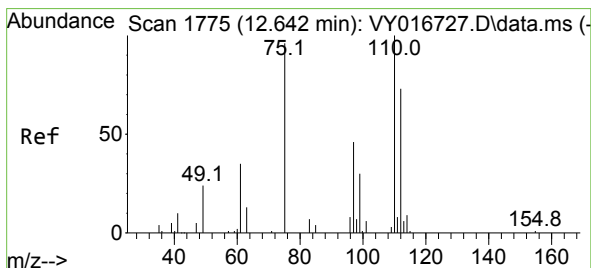
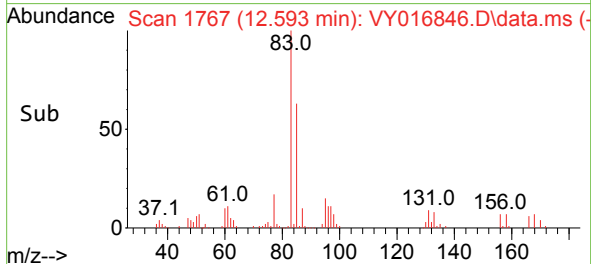
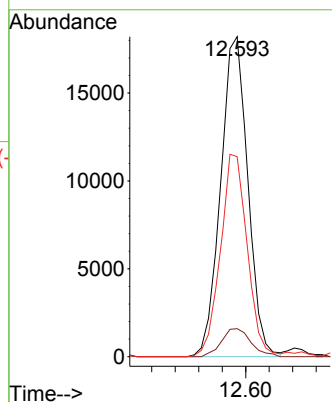
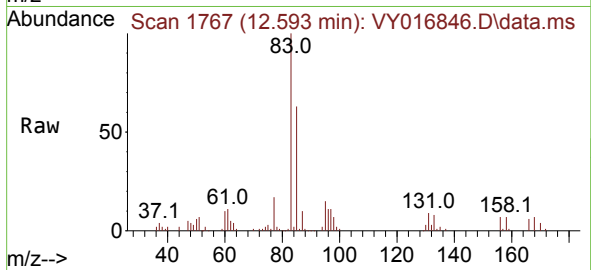




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.287 ug/l
 RT: 12.593 min Scan# 1767
 Delta R.T. -0.000 min
 Lab File: VY016846.D
 Acq: 26 Dec 2023 12:03

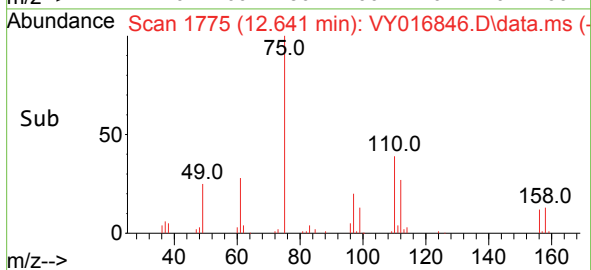
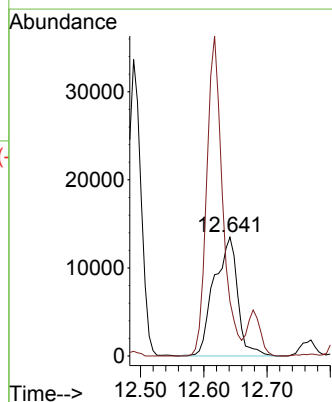
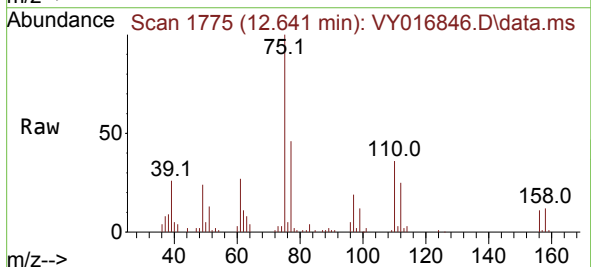
Instrument :
 MSVOA_Y
 ClientSampleId :

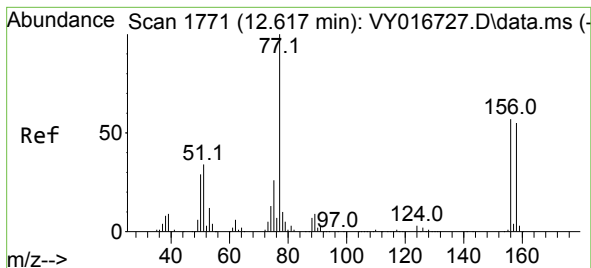
Tgt Ion: 83 Resp: 29251
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.9 14.6
 85 62.3 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 32.342 ug/l
 RT: 12.641 min Scan# 1775
 Delta R.T. -0.000 min
 Lab File: VY016846.D
 Acq: 26 Dec 2023 12:03

Tgt Ion: 75 Resp: 34840
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.796 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

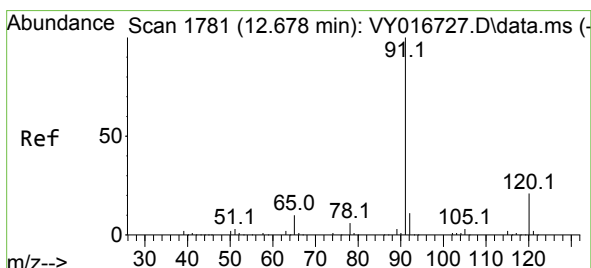
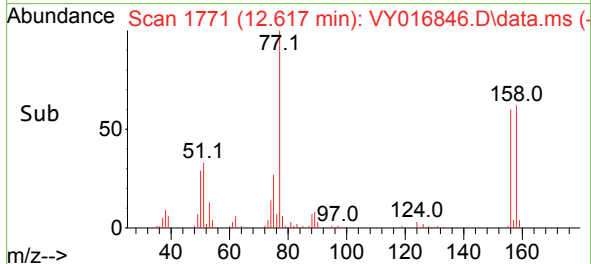
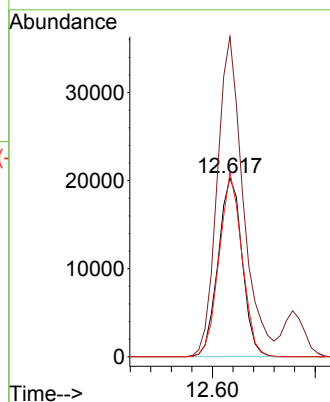
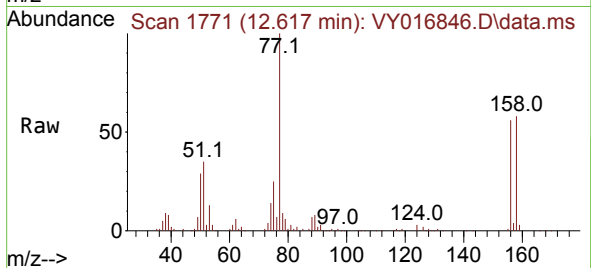
Tgt Ion:156 Resp: 32776

Ion Ratio Lower Upper

156 100

77 194.4 97.3 291.8

158 98.3 48.4 145.0



#78

n-propylbenzene

Concen: 20.601 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016846.D

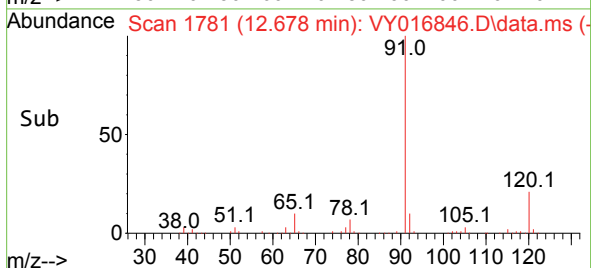
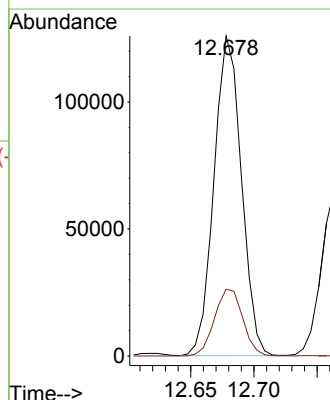
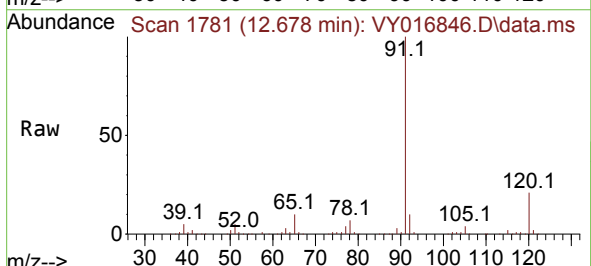
Acq: 26 Dec 2023 12:03

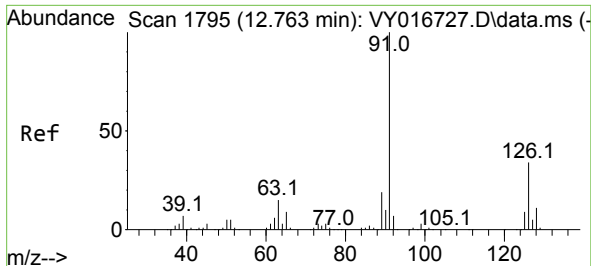
Tgt Ion: 91 Resp: 189427

Ion Ratio Lower Upper

91 100

120 21.5 11.0 33.0

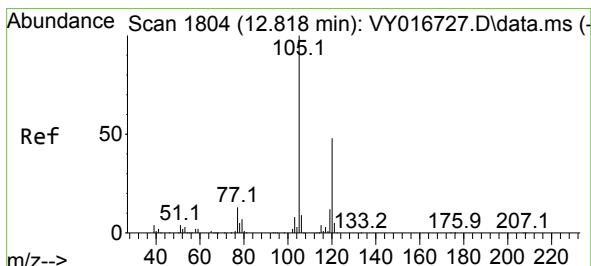
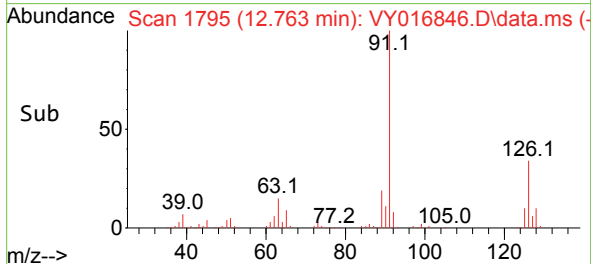
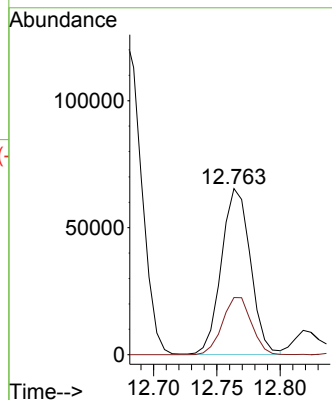
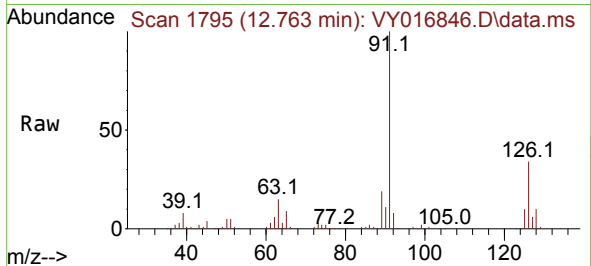




#79
2-Chlorotoluene
Concen: 20.556 ug/l
RT: 12.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

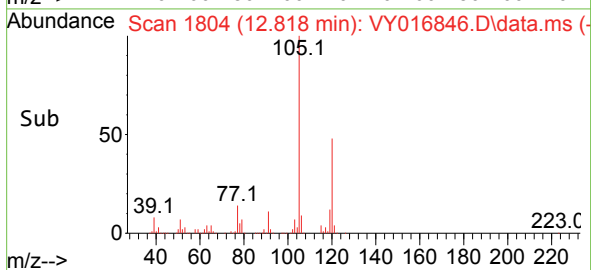
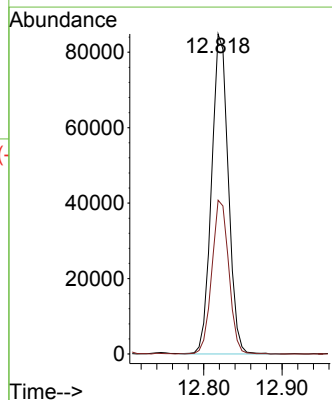
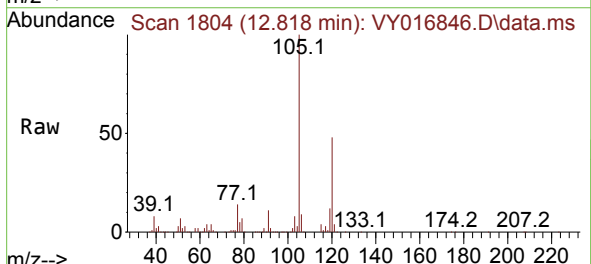
Instrument :
MSVOA_Y
ClientSampleId :

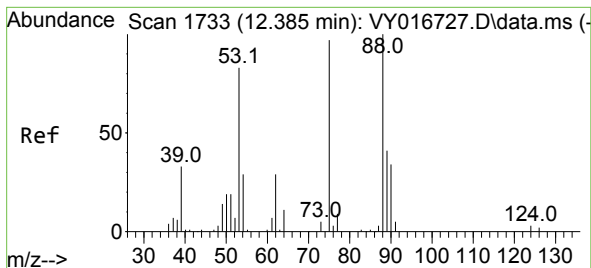
Tgt Ion: 91 Resp: 104590
Ion Ratio Lower Upper
91 100
126 34.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.928 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 105 Resp: 125726
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

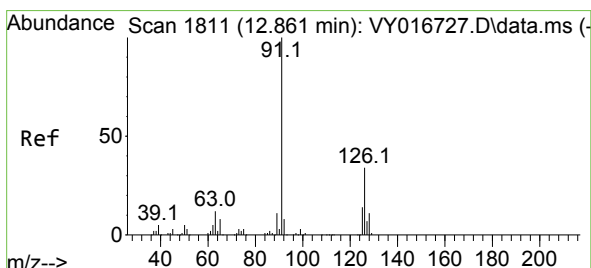
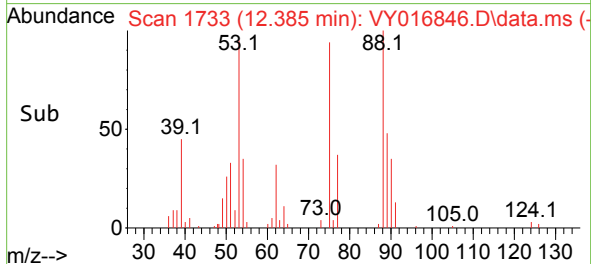
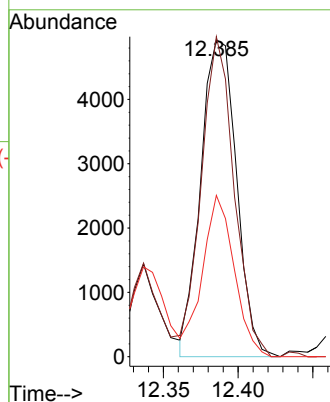
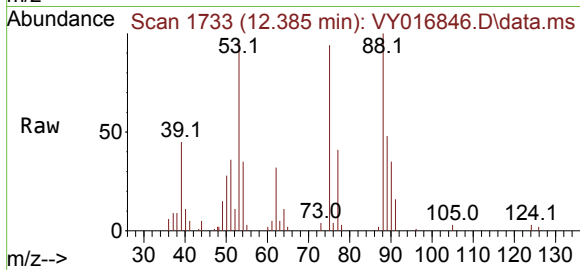




#81
trans-1,4-Dichloro-2-butene
Concen: 17.868 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

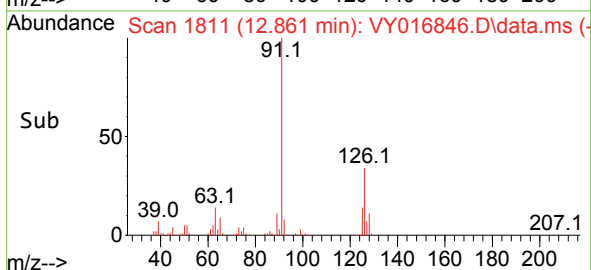
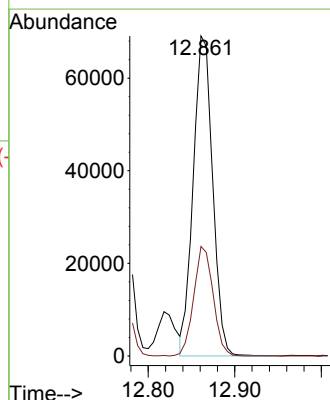
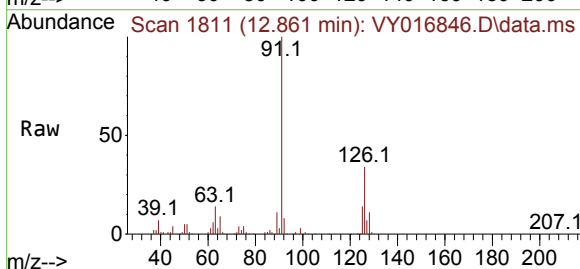
Instrument :
MSVOA_Y
ClientSampleId :

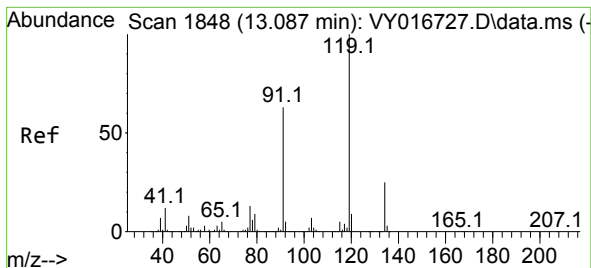
Tgt Ion: 75 Resp: 8196
Ion Ratio Lower Upper
75 100
53 94.0 74.0 111.0
89 45.2 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.632 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 91 Resp: 107698
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.218 ug/l

RT: 13.080 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

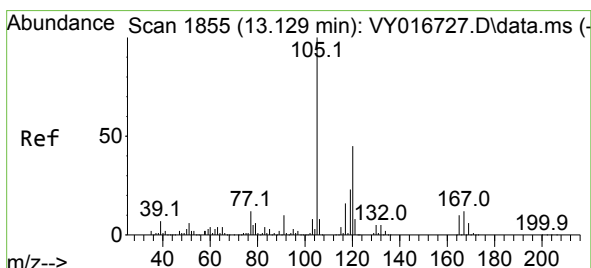
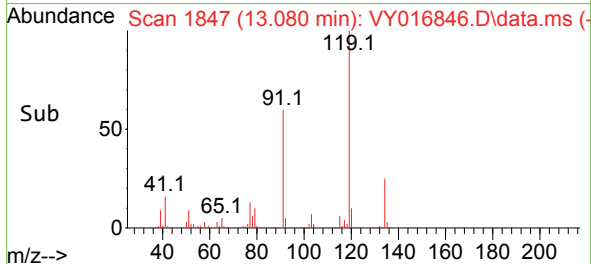
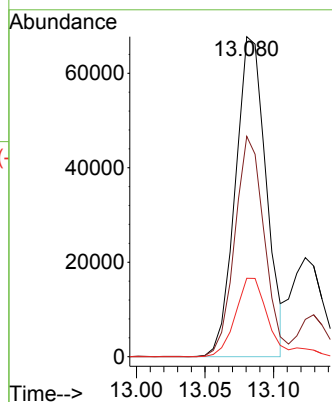
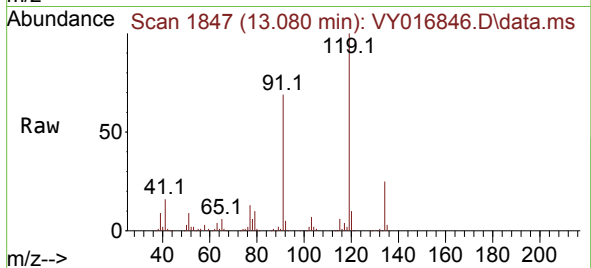
Tgt Ion:119 Resp: 105651

Ion Ratio Lower Upper

119 100

91 66.4 31.5 94.5

134 27.2 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.853 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016846.D

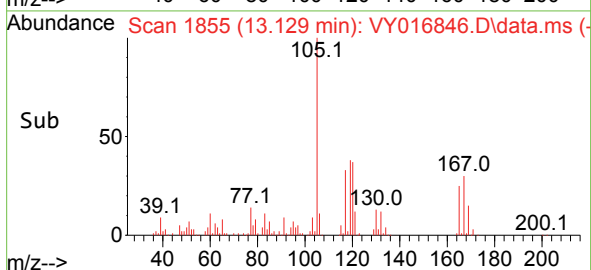
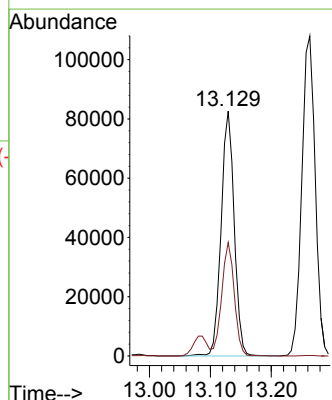
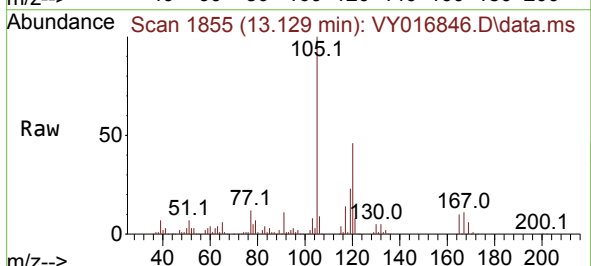
Acq: 26 Dec 2023 12:03

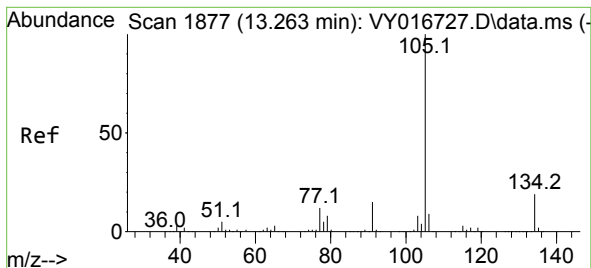
Tgt Ion:105 Resp: 123529

Ion Ratio Lower Upper

105 100

120 44.8 22.1 66.3





#85

sec-Butylbenzene

Concen: 21.296 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

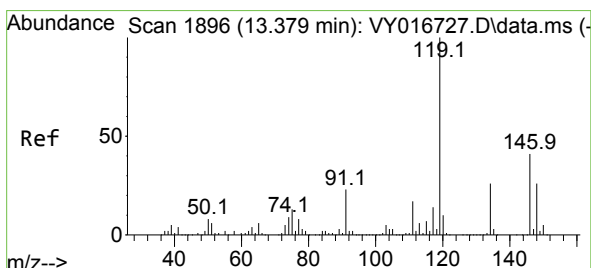
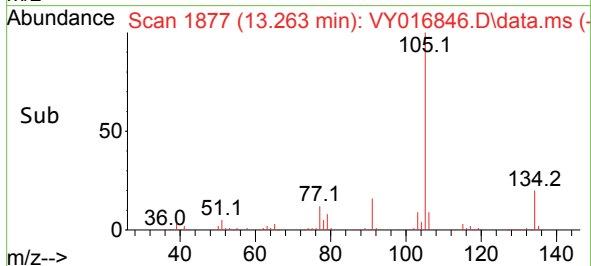
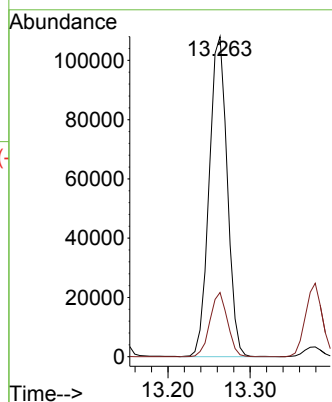
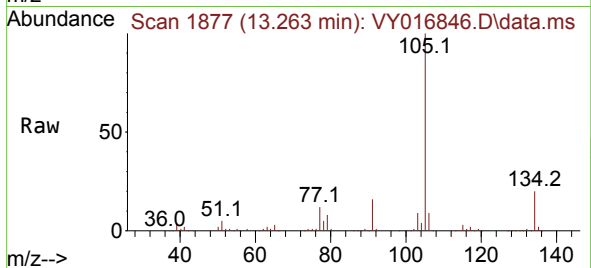
ClientSampleId :

Tgt Ion:105 Resp: 164832

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.581 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

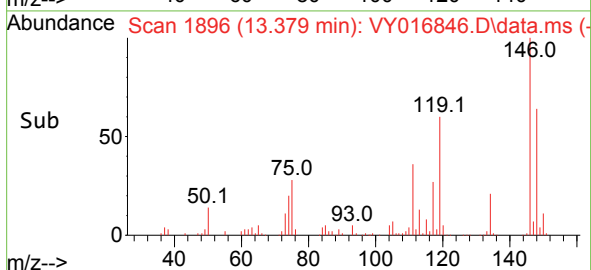
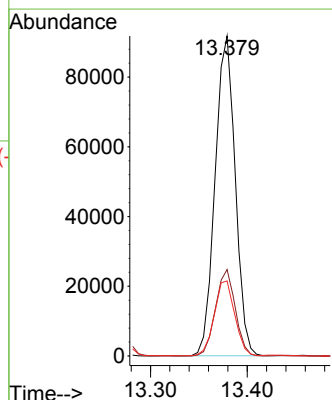
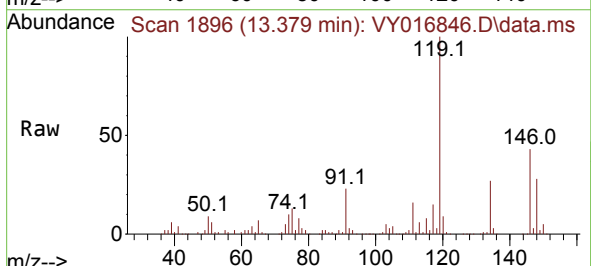
Tgt Ion:119 Resp: 132662

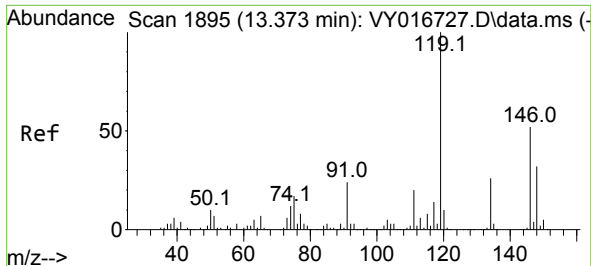
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.8 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.536 ug/l

RT: 13.373 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

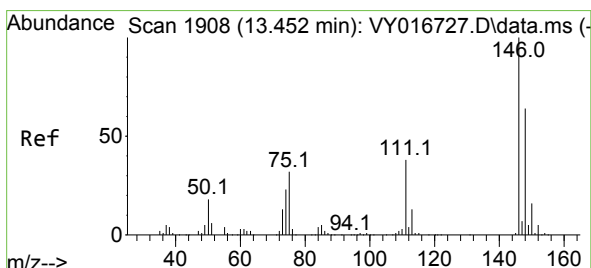
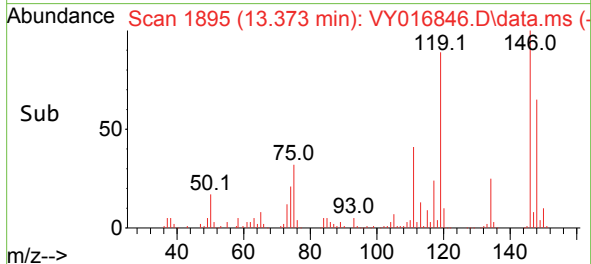
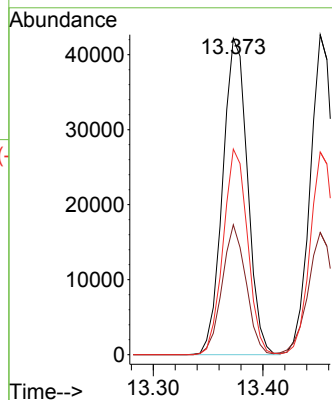
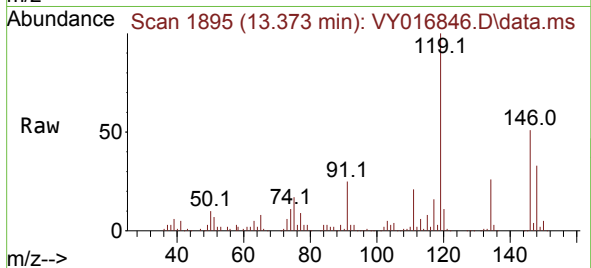
Tgt Ion:146 Resp: 66448

Ion Ratio Lower Upper

146 100

111 39.5 20.2 60.5

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.479 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

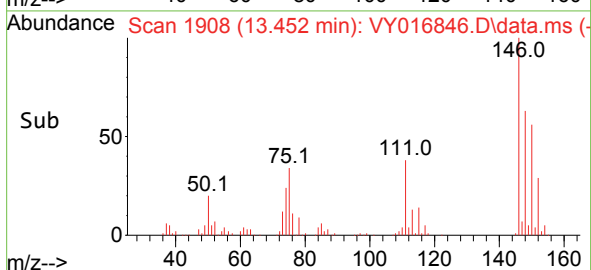
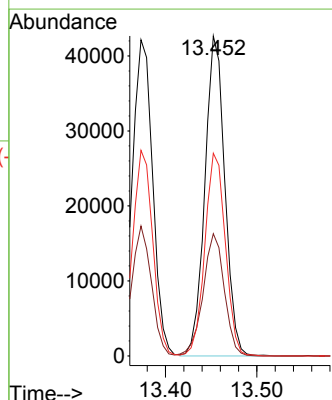
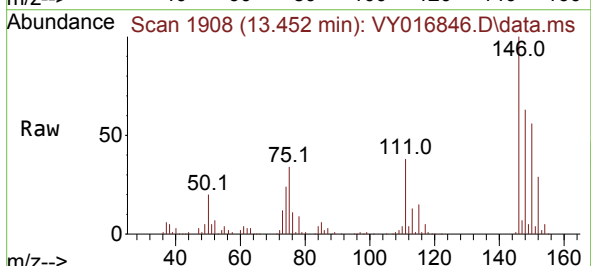
Tgt Ion:146 Resp: 64703

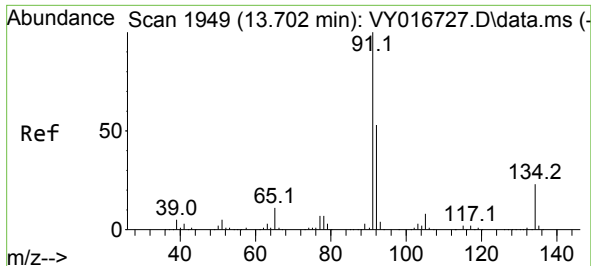
Ion Ratio Lower Upper

146 100

111 40.7 19.3 57.9

148 65.3 31.6 94.7

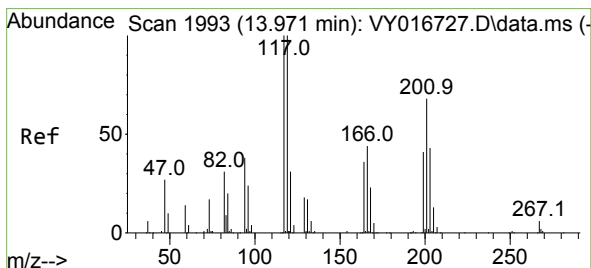
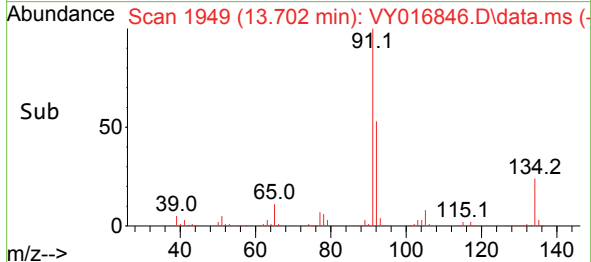
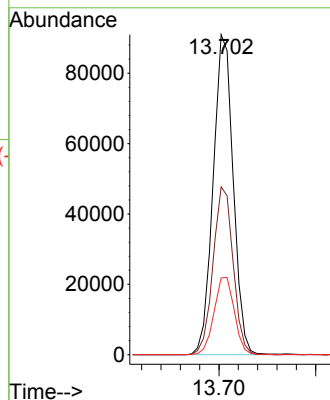
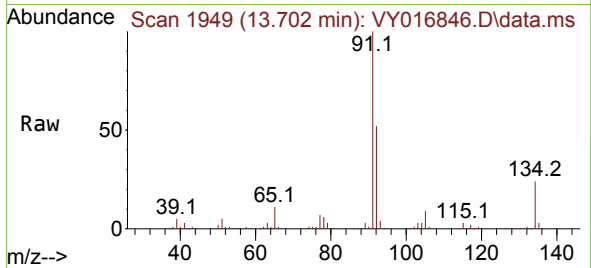




#89
n-Butylbenzene
Concen: 21.252 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

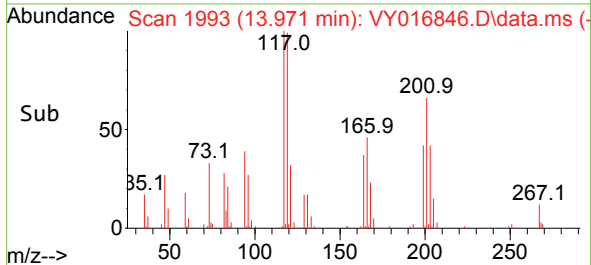
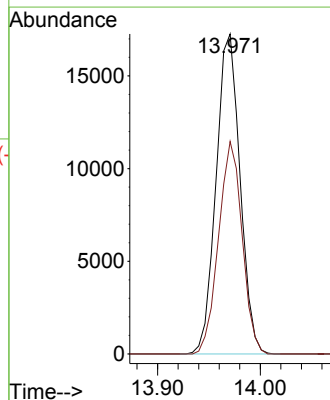
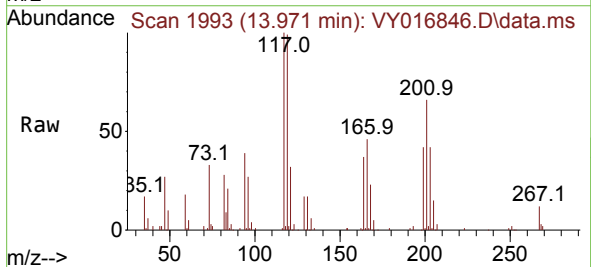
Instrument :
MSVOA_Y
ClientSampleId :

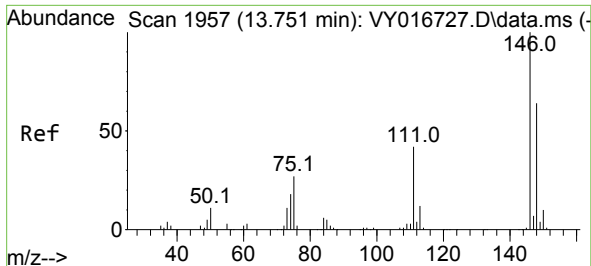
Tgt Ion: 91 Resp: 130949
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.2
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 20.768 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY016846.D
Acq: 26 Dec 2023 12:03

Tgt Ion: 117 Resp: 27875
Ion Ratio Lower Upper
117 100
201 65.4 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 20.667 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

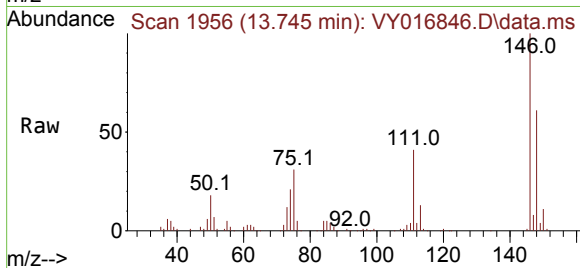
Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :



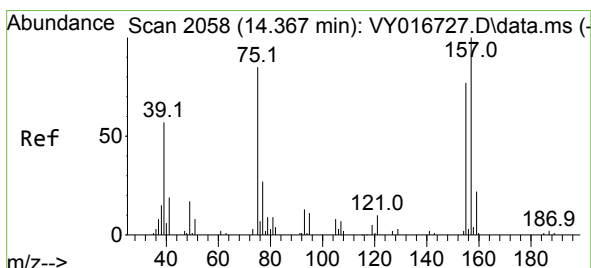
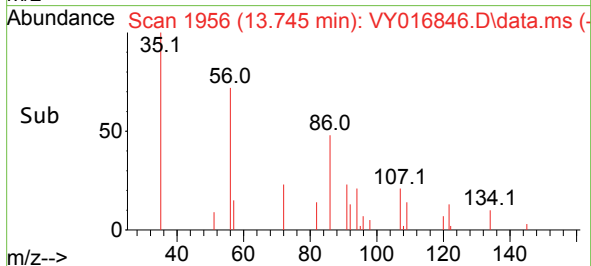
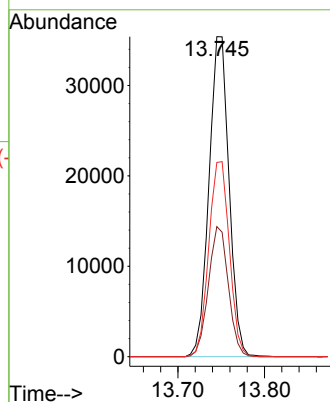
Tgt Ion:146 Resp: 56970

Ion Ratio Lower Upper

146 100

111 40.4 20.5 61.6

148 62.5 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.344 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

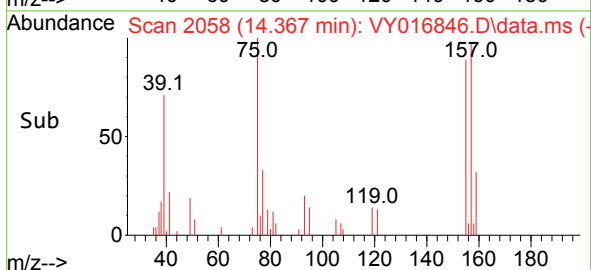
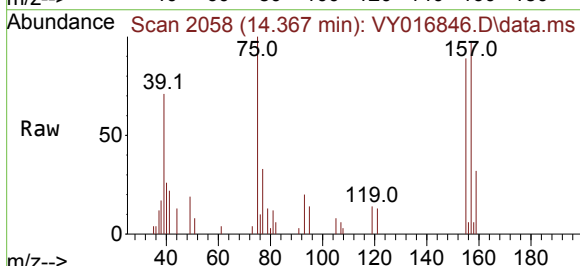
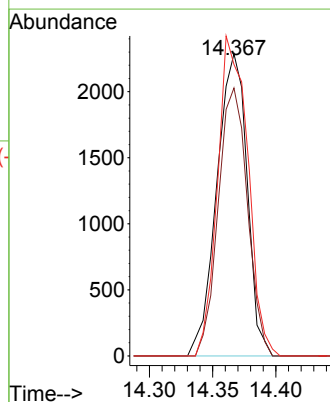
Tgt Ion: 75 Resp: 3803

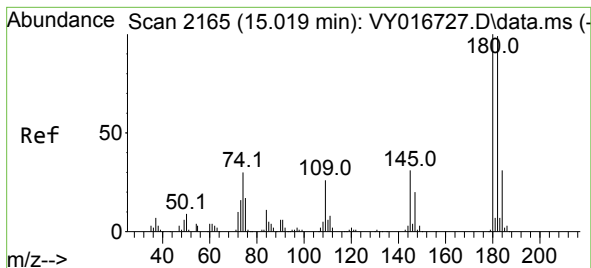
Ion Ratio Lower Upper

75 100

155 85.5 42.1 126.3

157 105.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.458 ug/l

RT: 15.013 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

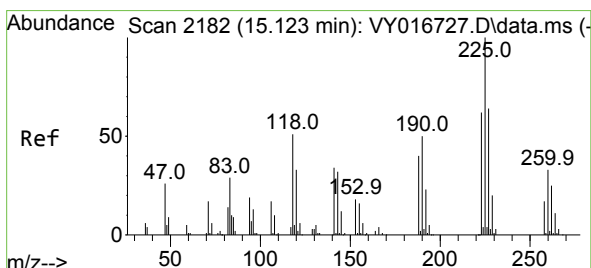
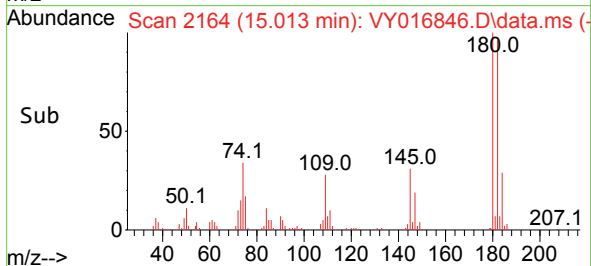
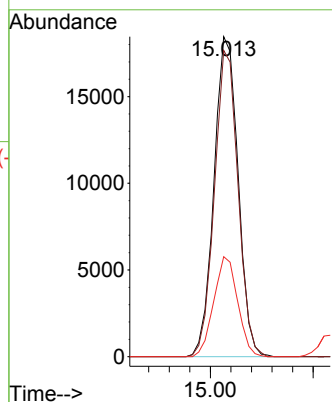
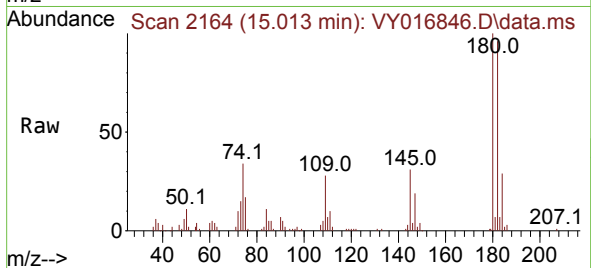
Tgt Ion:180 Resp: 29923

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.7

145 31.0 15.9 47.7



#94

Hexachlorobutadiene

Concen: 23.254 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

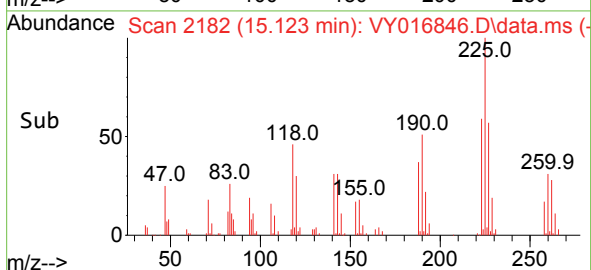
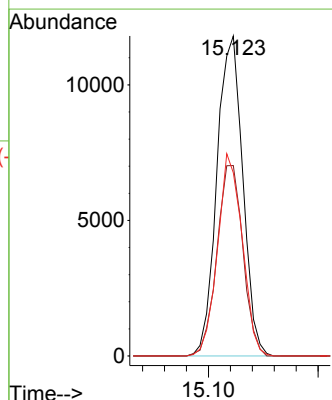
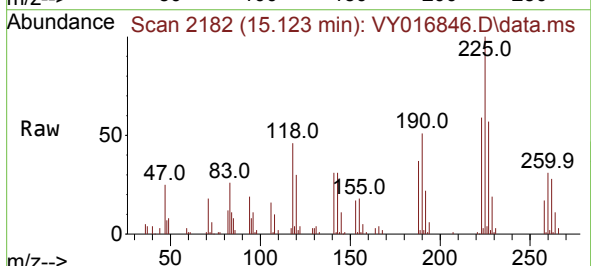
Tgt Ion:225 Resp: 19318

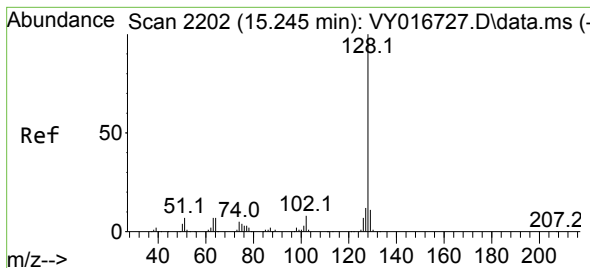
Ion Ratio Lower Upper

225 100

223 60.0 31.4 94.3

227 60.4 32.3 96.8





#95

Naphthalene

Concen: 18.357 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016846.D

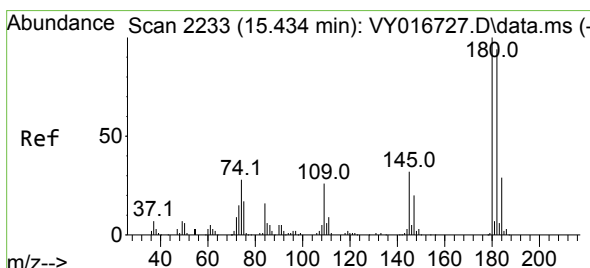
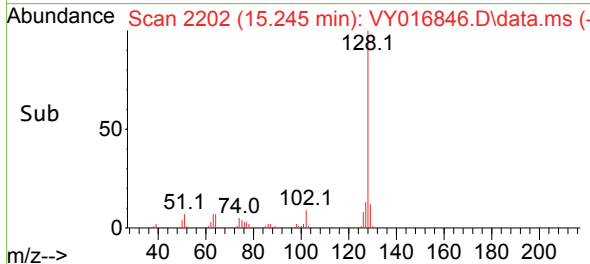
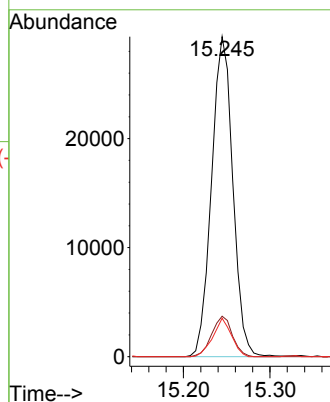
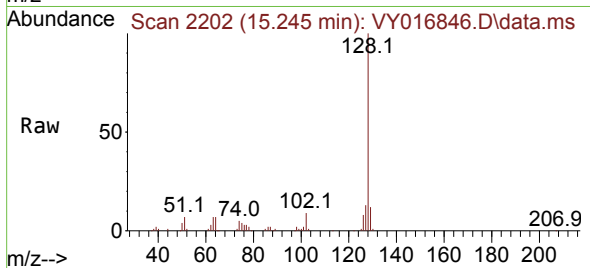
Acq: 26 Dec 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	50082
Ion Ratio	Lower	Upper
128	100	
127	12.3	10.2 15.4
129	10.6	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.297 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016846.D

Acq: 26 Dec 2023 12:03

Tgt Ion:180	Resp:	25284
Ion Ratio	Lower	Upper
180	100	
182	93.8	46.3 138.8
145	32.3	16.1 48.2

