

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016847.D
 Acq On : 26 Dec 2023 12:26
 Operator : SY/MD
 Sample : VY1226SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 01:32:19 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	7.807	168	153326	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	262182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	225128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	97907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	77738	55.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.080%	
35) Dibromofluoromethane	7.734	113	80487	53.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.180%	
50) Toluene-d8	10.191	98	292205	53.972	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.940%	
62) 4-Bromofluorobenzene	12.495	95	95431	54.331	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	26965	20.579	ug/l	98
3) Chloromethane	2.119	50	37671	18.704	ug/l	98
4) Vinyl Chloride	2.259	62	46065	20.248	ug/l	97
5) Bromomethane	2.656	94	32180	19.860	ug/l	97
6) Chloroethane	2.802	64	30179	19.577	ug/l	96
7) Trichlorofluoromethane	3.137	101	55529	20.953	ug/l	98
8) Diethyl Ether	3.546	74	17282	20.385	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.912	101	34268	21.079	ug/l	100
10) Methyl Iodide	4.113	142	29455	17.387	ug/l	98
11) Tert butyl alcohol	4.972	59	16630	144.907	ug/l #	85
12) 1,1-Dichloroethene	3.893	96	29563	20.424	ug/l	95
13) Acrolein	3.741	56	12445	140.547	ug/l	97
14) Allyl chloride	4.497	41	45532	20.537	ug/l	99
15) Acrylonitrile	5.180	53	41578	115.808	ug/l	100
16) Acetone	3.960	43	54529	144.068	ug/l	98
17) Carbon Disulfide	4.216	76	70054	17.787	ug/l	100
18) Methyl Acetate	4.497	43	31281	21.148	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	77482	20.804	ug/l	97
20) Methylene Chloride	4.735	84	41244	19.117	ug/l	97
21) trans-1,2-Dichloroethene	5.241	96	32935	19.950	ug/l	97
22) Diisopropyl ether	6.143	45	109939	21.918	ug/l	94
23) Vinyl Acetate	6.082	43	267781	112.880	ug/l	100
24) 1,1-Dichloroethane	6.039	63	64385	21.369	ug/l	98
25) 2-Butanone	7.003	43	68513	131.473	ug/l	99
26) 2,2-Dichloropropane	7.003	77	55329	21.043	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	39152	20.607	ug/l	98
28) Bromochloromethane	7.350	49	24495	20.540	ug/l	96
29) Tetrahydrofuran	7.368	42	33619	117.983	ug/l	98
30) Chloroform	7.527	83	65273	21.162	ug/l	99
31) Cyclohexane	7.807	56	52249	19.483	ug/l	94
32) 1,1,1-Trichloroethane	7.722	97	55193	20.385	ug/l	98
36) 1,1-Dichloropropene	7.935	75	47209	19.608	ug/l	99
37) Ethyl Acetate	7.088	43	24428	23.671	ug/l	99
38) Carbon Tetrachloride	7.917	117	47785	20.057	ug/l	98
39) Methylcyclohexane	9.197	83	53119	19.109	ug/l	99
40) Benzene	8.179	78	142142	20.287	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	13642	24.898	ug/l #	92
42) 1,2-Dichloroethane	8.252	62	38946	21.306	ug/l	100
43) Isopropyl Acetate	8.289	43	44704	22.303	ug/l	100
44) Trichloroethene	8.953	130	36283	20.289	ug/l	99
45) 1,2-Dichloropropane	9.228	63	37197	21.164	ug/l	97
46) Dibromomethane	9.319	93	18794	20.699	ug/l	98
47) Bromodichloromethane	9.508	83	50462	21.087	ug/l	96
48) Methyl methacrylate	9.307	41	23590	21.177	ug/l	99
49) 1,4-Dioxane	9.313	88	4538	514.950	ug/l	96
51) 4-Methyl-2-Pentanone	10.087	43	121697	113.955	ug/l	99
52) Toluene	10.258	92	86484	20.598	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	45564	20.881	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	54647	20.762	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	27691	21.376	ug/l	100
56) Ethyl methacrylate	10.520	69	24498	21.506	ug/l	96
57) 1,3-Dichloropropane	10.801	76	47388	21.537	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	64025	104.480	ug/l	99
59) 2-Hexanone	10.843	43	96662	121.386	ug/l	99
60) Dibromochloromethane	10.996	129	32179	21.473	ug/l	97
61) 1,2-Dibromoethane	11.105	107	25211	21.701	ug/l	99
64) Tetrachloroethene	10.734	164	27766	19.854	ug/l	98
65) Chlorobenzene	11.532	112	91212	20.621	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	34337	20.633	ug/l	99
67) Ethyl Benzene	11.605	91	164391	20.192	ug/l	100
68) m/p-Xylenes	11.715	106	123030	40.924	ug/l	100
69) o-Xylene	12.044	106	55641	20.174	ug/l	100
70) Styrene	12.056	104	82440	20.200	ug/l	99
71) Bromoform	12.215	173	17397	20.968	ug/l #	95
73) Isopropylbenzene	12.343	105	154397	20.248	ug/l	99
74) N-amyl acetate	12.154	43	35311	22.066	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	32688	21.452	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	38430	35.507	ug/l #	100
77) Bromobenzene	12.623	156	33720	20.271	ug/l	98
78) n-propylbenzene	12.684	91	191094	20.684	ug/l	99
79) 2-Chlorotoluene	12.770	91	104602	20.462	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	124329	20.598	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	9537	20.694	ug/l	99
82) 4-Chlorotoluene	12.867	91	109912	20.958	ug/l	100
83) tert-Butylbenzene	13.087	119	107864	20.544	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	123764	20.794	ug/l	99
85) sec-Butylbenzene	13.264	105	161744	20.799	ug/l	100
86) p-Isopropyltoluene	13.379	119	134289	20.736	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	67070	20.631	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	66437	20.929	ug/l	98
89) n-Butylbenzene	13.709	91	129246	20.877	ug/l	99
90) Hexachloroethane	13.977	117	27966	20.738	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	58727	21.205	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4492	22.742	ug/l	94
93) 1,2,4-Trichlorobenzene	15.019	180	30685	20.881	ug/l	97
94) Hexachlorobutadiene	15.123	225	18226	21.836	ug/l	98
95) Naphthalene	15.251	128	54876	19.694	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	25923	20.713	ug/l	100

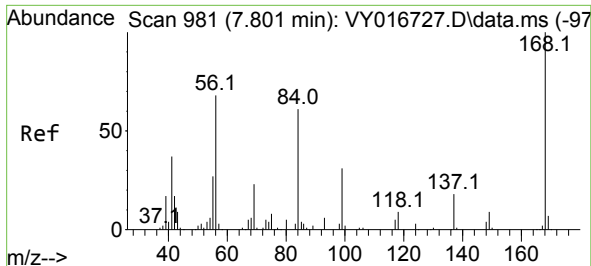
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
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Response via : Initial Calibration

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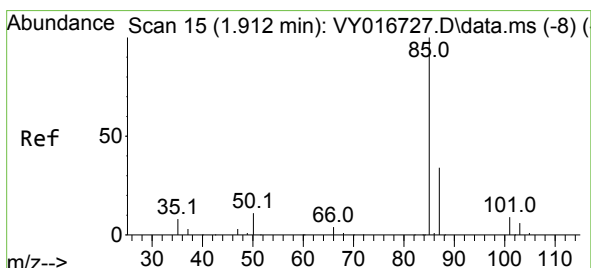
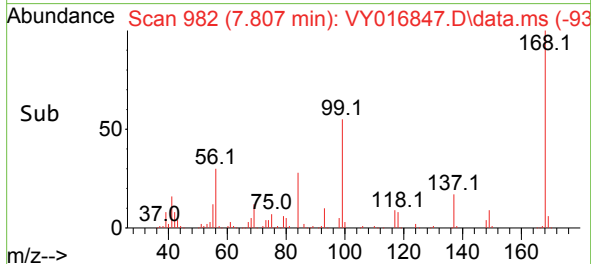
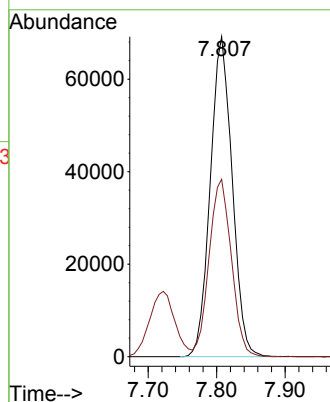
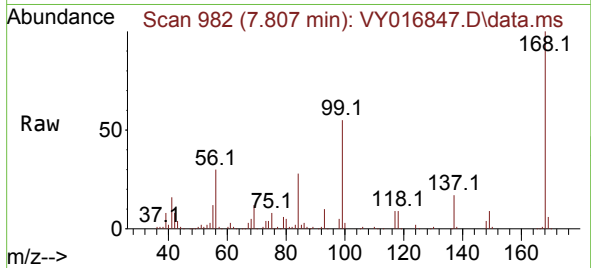
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

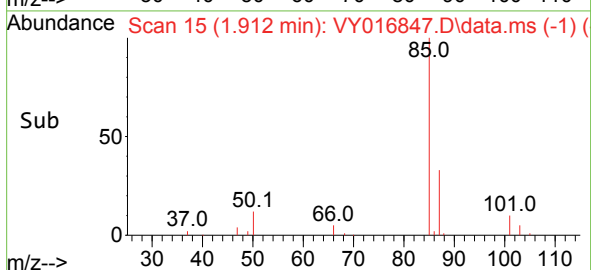
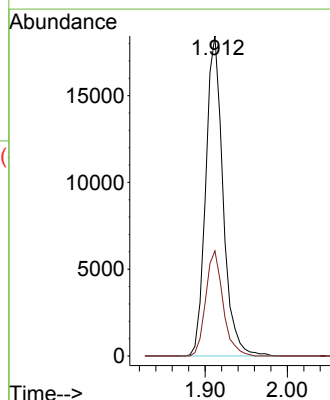
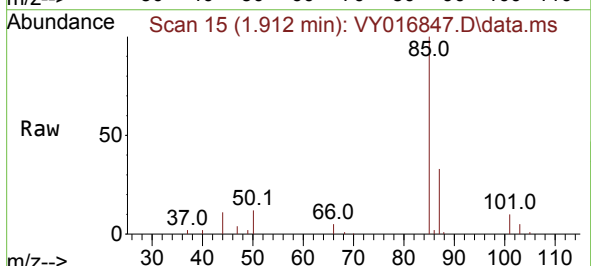
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ClientSampleId :

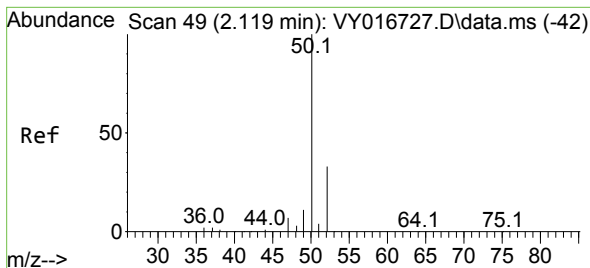
Tgt Ion:168 Resp: 153326
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 20.579 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 85 Resp: 26965
Ion Ratio Lower Upper
85 100
87 32.9 17.1 51.3





#3

Chloromethane

Concen: 18.704 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

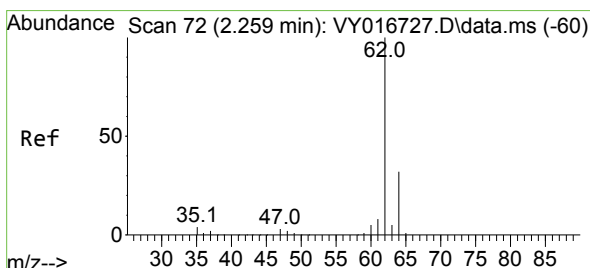
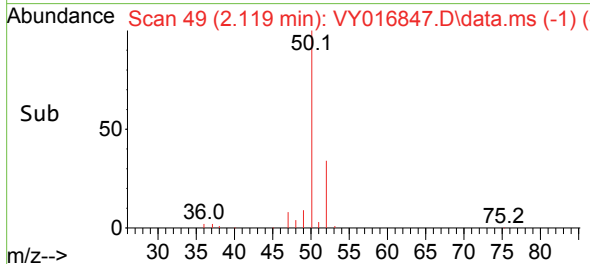
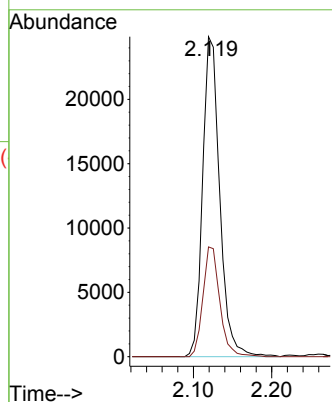
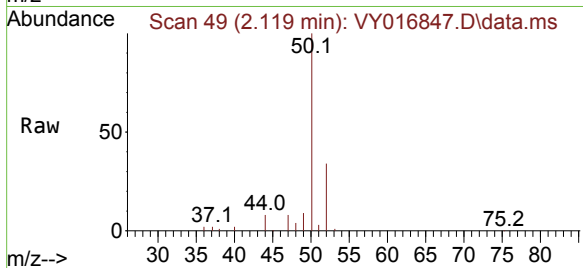
ClientSampleId :

Tgt Ion: 50 Resp: 37671

Ion Ratio Lower Upper

50 100

52 34.3 26.7 40.1



#4

Vinyl Chloride

Concen: 20.248 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.000 min

Lab File: VY016847.D

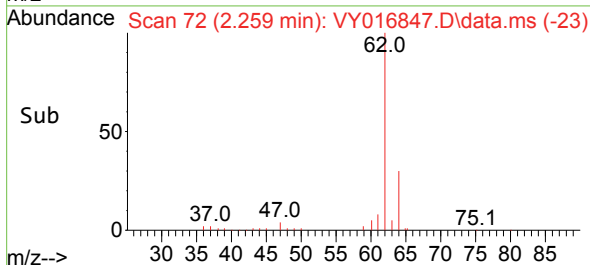
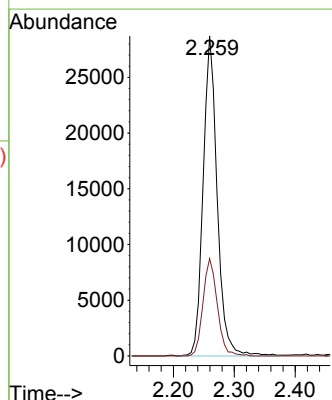
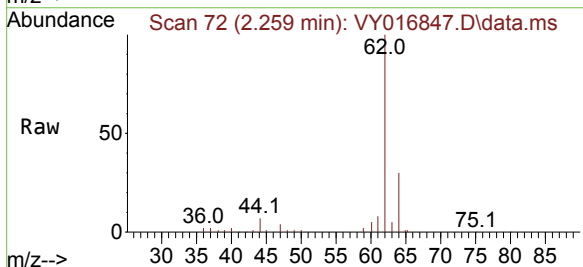
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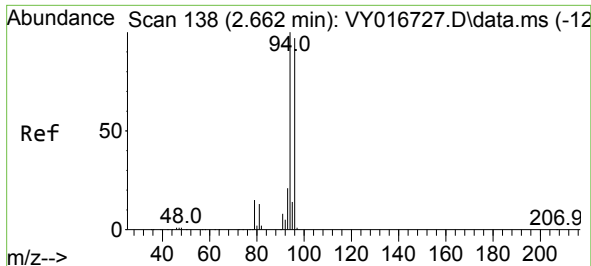
Tgt Ion: 62 Resp: 46065

Ion Ratio Lower Upper

62 100

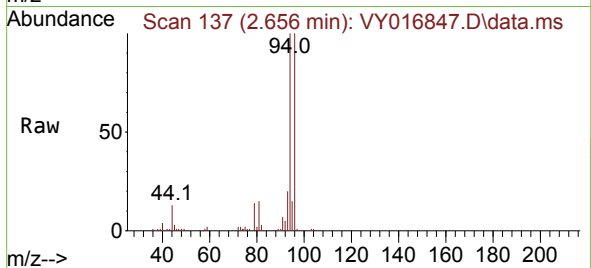
64 30.4 25.7 38.5



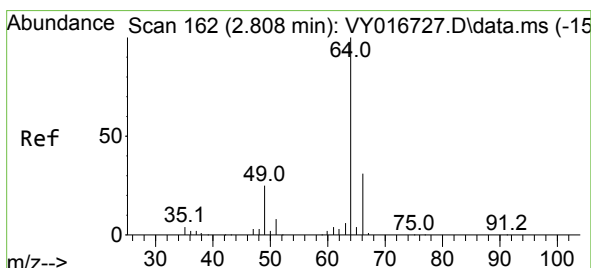
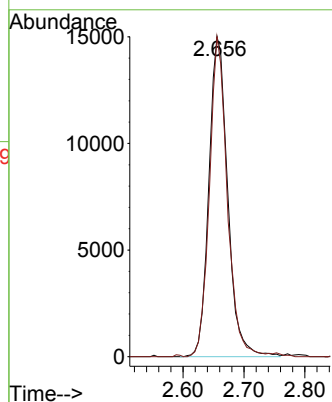
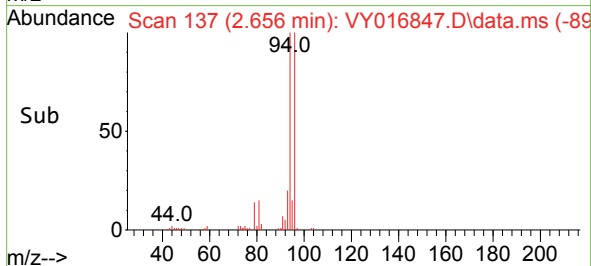


#5
Bromomethane
Concen: 19.860 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Instrument :
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ClientSampleId :

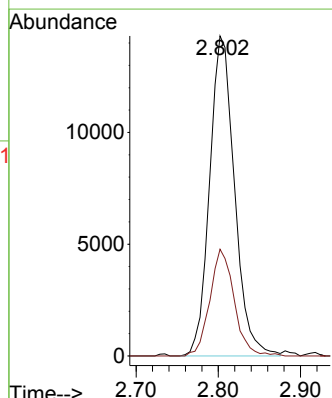
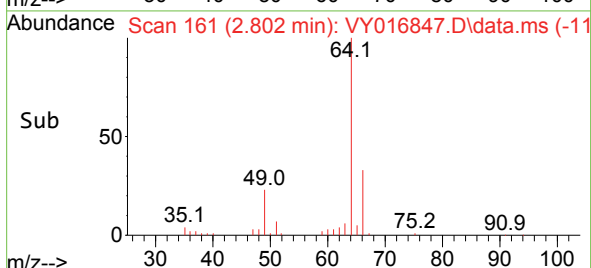
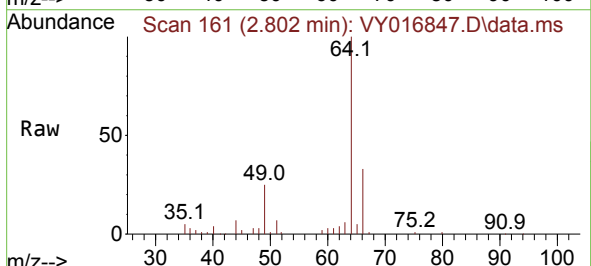


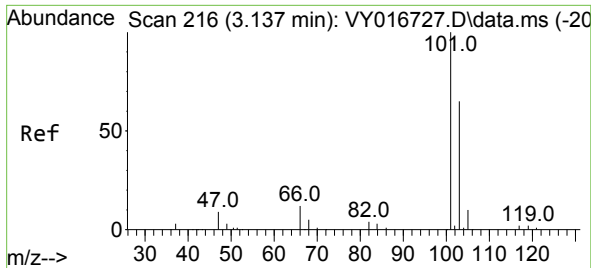
Tgt Ion: 94 Resp: 32180
Ion Ratio Lower Upper
94 100
96 99.5 77.3 115.9



#6
Chloroethane
Concen: 19.577 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

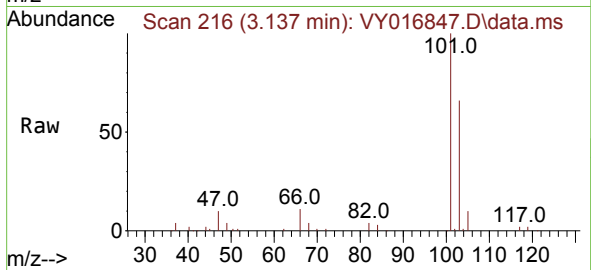
Tgt Ion: 64 Resp: 30179
Ion Ratio Lower Upper
64 100
66 33.4 25.1 37.7



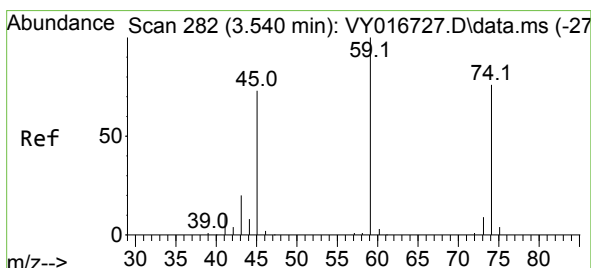
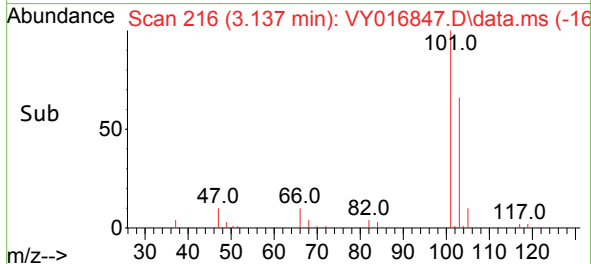
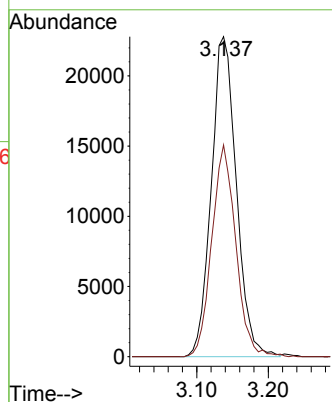


#7
 Trichlorofluoromethane
 Concen: 20.953 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016847.D
 Acq: 26 Dec 2023 12:26

Instrument :
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 ClientSampleId :

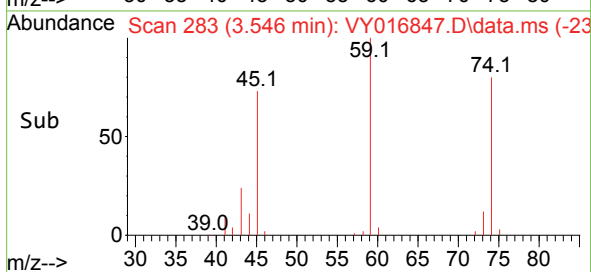
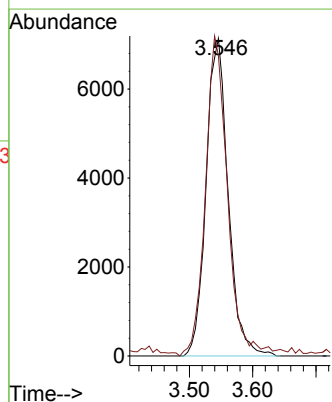
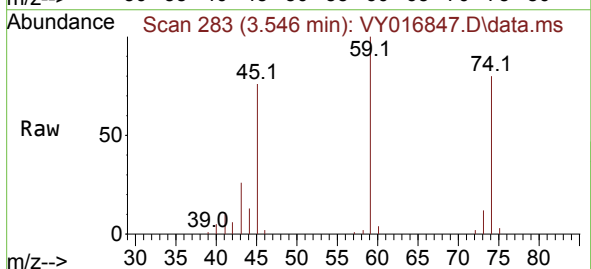


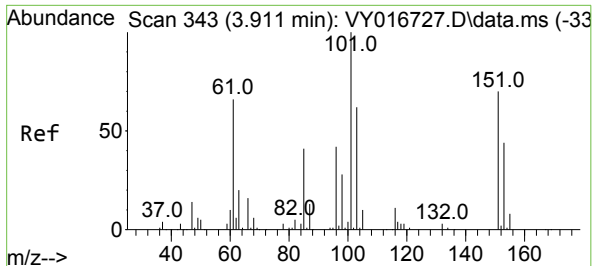
Tgt Ion:101 Resp: 55529
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.385 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016847.D
 Acq: 26 Dec 2023 12:26

Tgt Ion: 74 Resp: 17282
 Ion Ratio Lower Upper
 74 100
 45 101.1 47.9 143.7

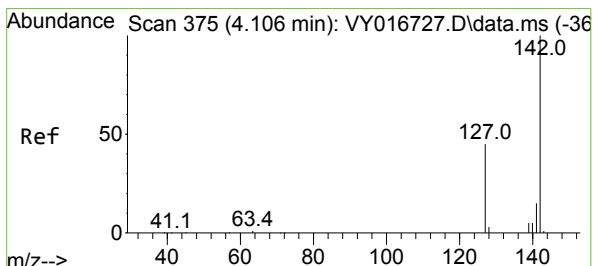
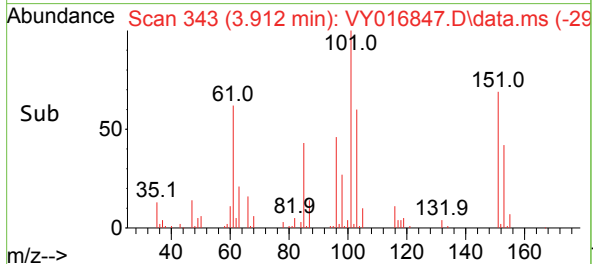
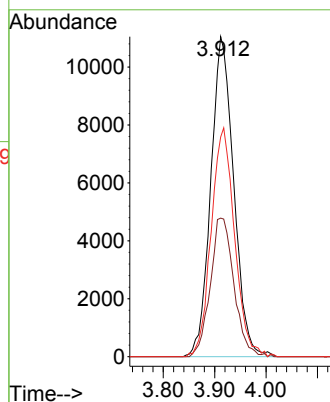
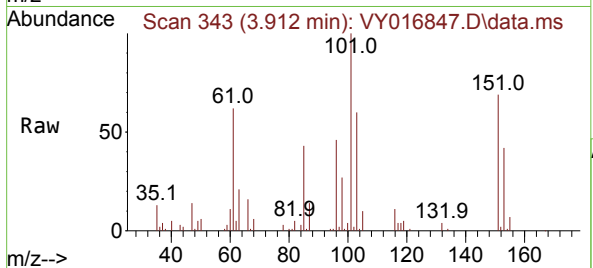




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.079 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

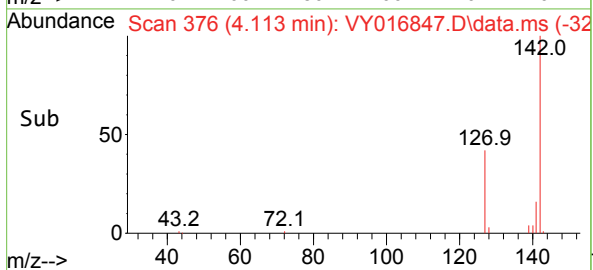
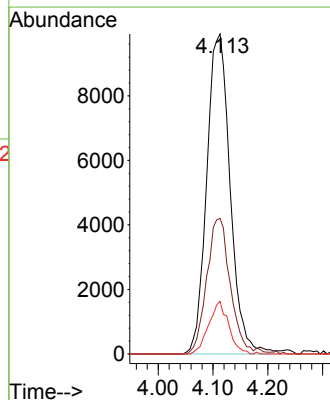
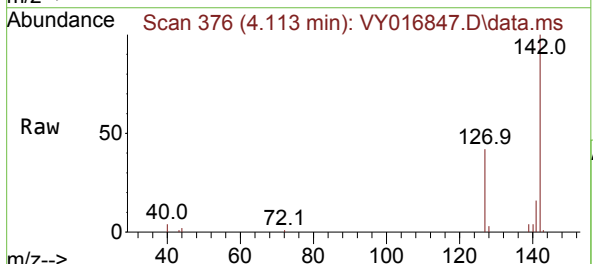
Instrument :
MSVOA_Y
ClientSampleId :

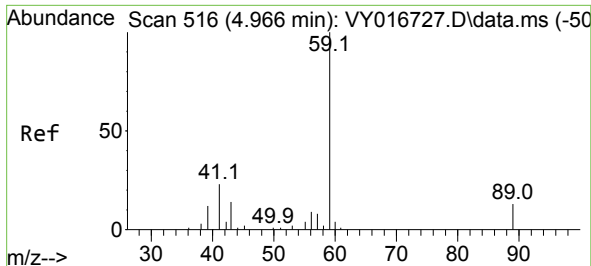
Tgt Ion:101	Resp:	34268
Ion	Ratio	Lower Upper
101	100	
85	44.6	35.8 53.6
151	72.9	58.6 88.0



#10
Methyl Iodide
Concen: 17.387 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion:142	Resp:	29455
Ion	Ratio	Lower Upper
142	100	
127	42.7	35.1 52.7
141	14.0	11.8 17.6

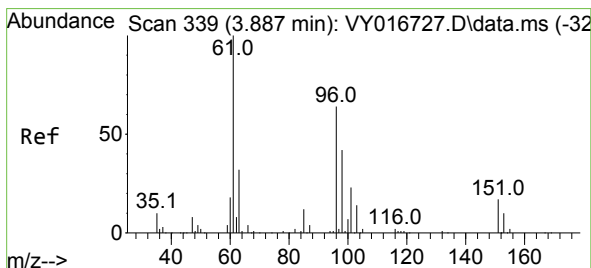
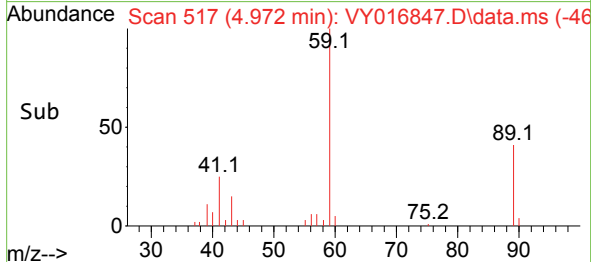
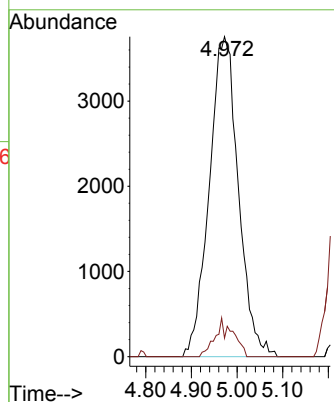
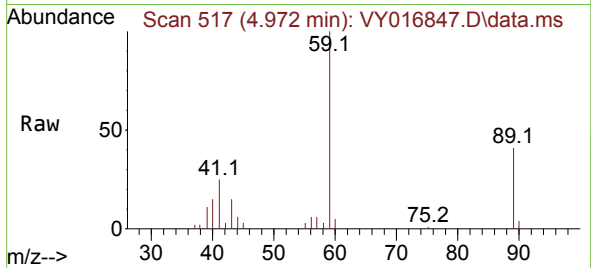




#11
Tert butyl alcohol
Concen: 144.907 ug/l
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

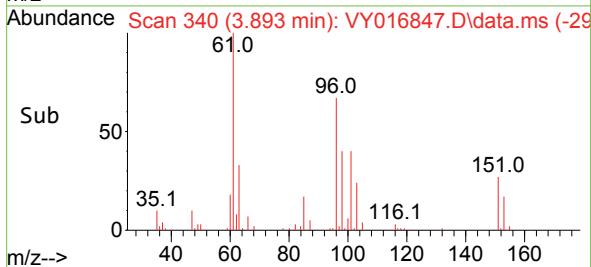
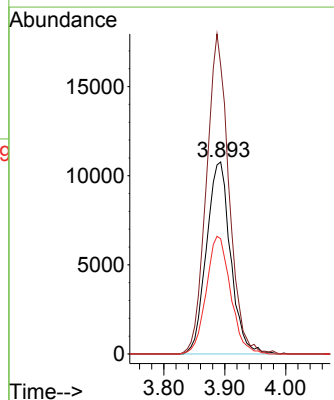
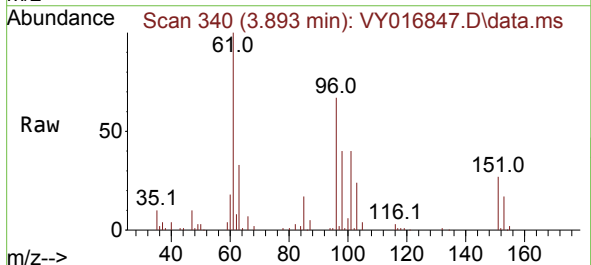
Instrument :
MSVOA_Y
ClientSampleId :

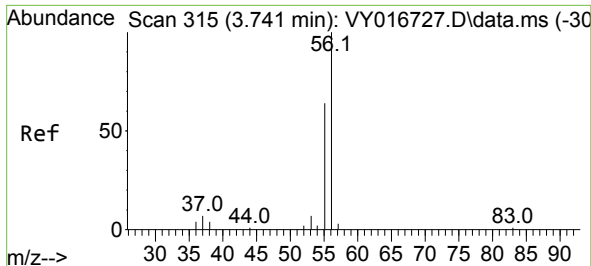
Tgt Ion: 59 Resp: 16630
Ion Ratio Lower Upper
59 100
57 3.9 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 20.424 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 96 Resp: 29563
Ion Ratio Lower Upper
96 100
61 150.3 124.2 186.2
98 60.0 52.6 79.0





#13

Acrolein

Concen: 140.547 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

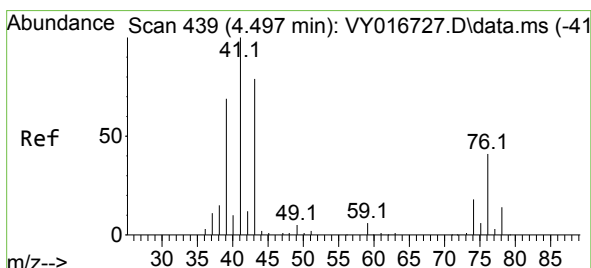
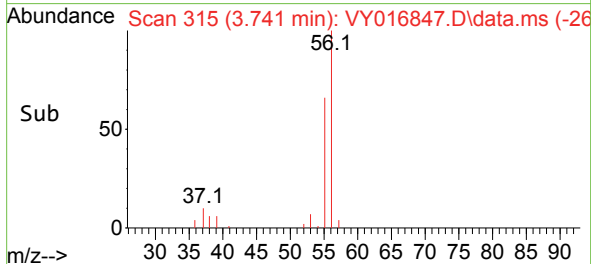
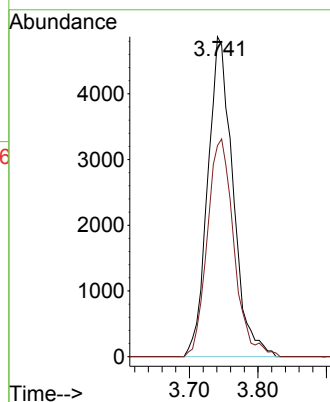
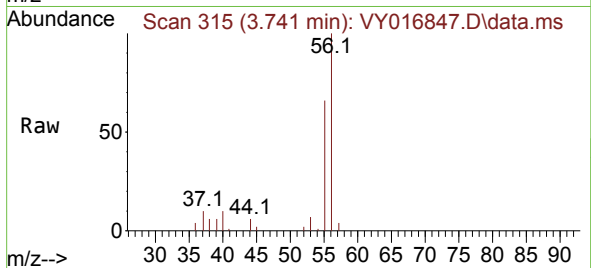
ClientSampleId :

Tgt Ion: 56 Resp: 12445

Ion Ratio Lower Upper

56 100

55 71.9 55.4 83.0



#14

Allyl chloride

Concen: 20.537 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

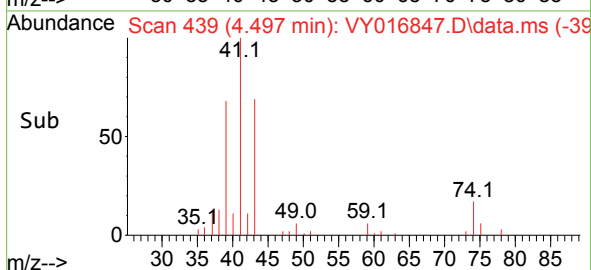
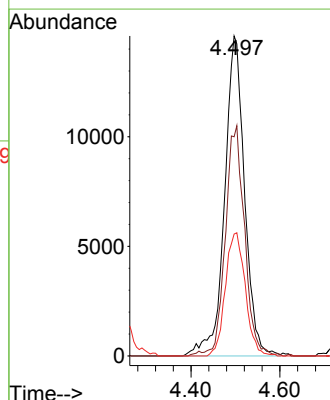
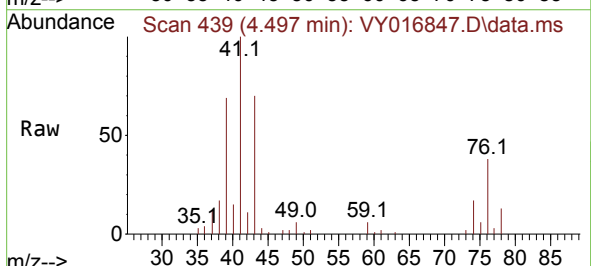
Tgt Ion: 41 Resp: 45532

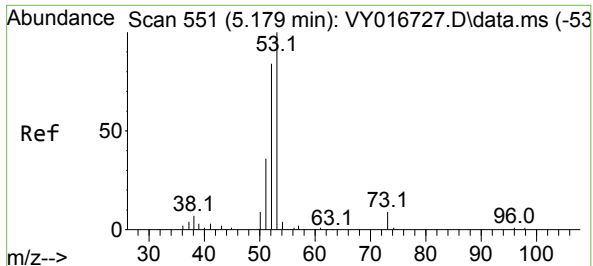
Ion Ratio Lower Upper

41 100

39 69.3 54.7 82.1

76 38.4 31.8 47.6





#15

Acrylonitrile

Concen: 115.808 ug/l

RT: 5.180 min Scan# 51

Delta R.T. 0.001 min

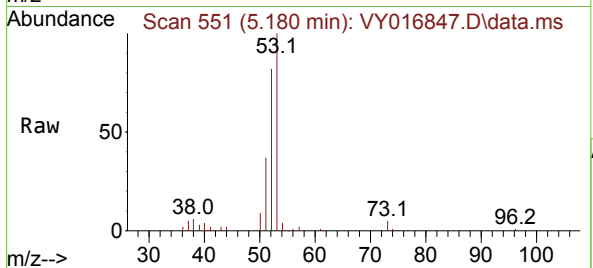
Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :



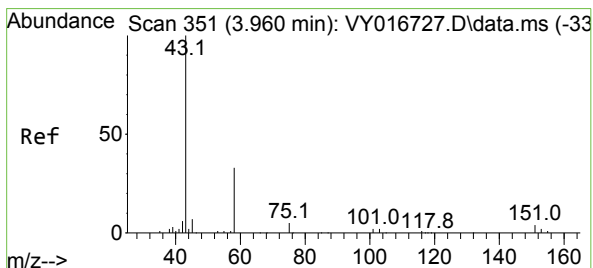
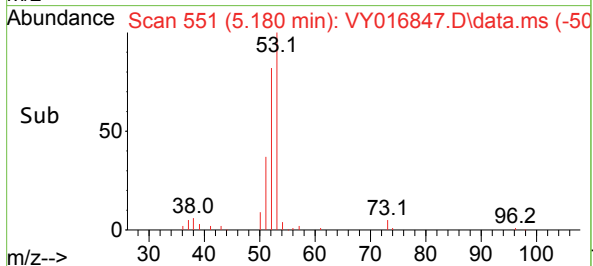
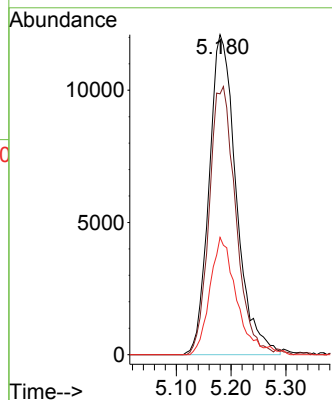
Tgt Ion: 53 Resp: 41578

Ion Ratio Lower Upper

53 100

52 81.8 65.1 97.7

51 36.2 29.0 43.4



#16

Acetone

Concen: 144.068 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.000 min

Lab File: VY016847.D

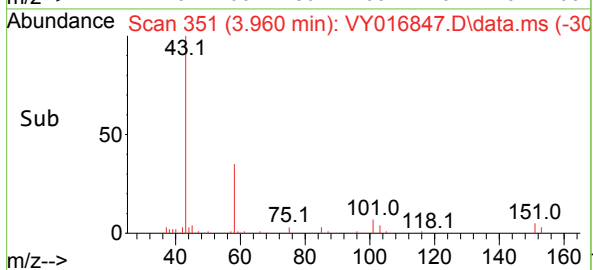
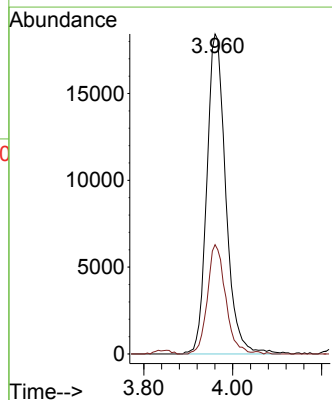
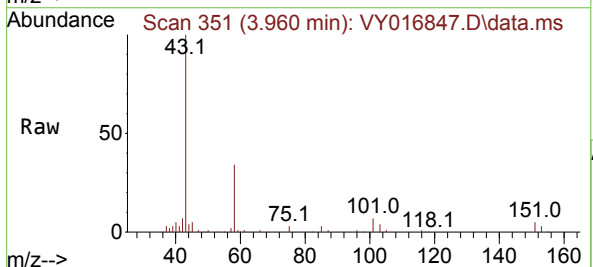
Acq: 26 Dec 2023 12:26

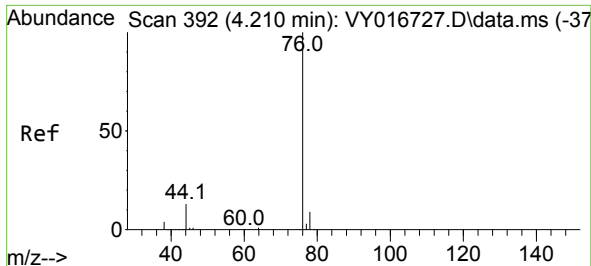
Tgt Ion: 43 Resp: 54529

Ion Ratio Lower Upper

43 100

58 34.1 26.6 39.8

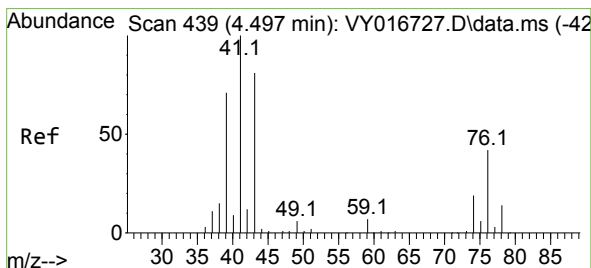
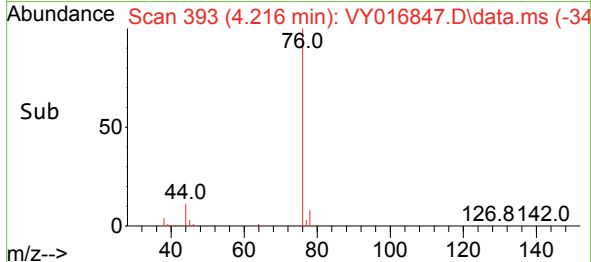
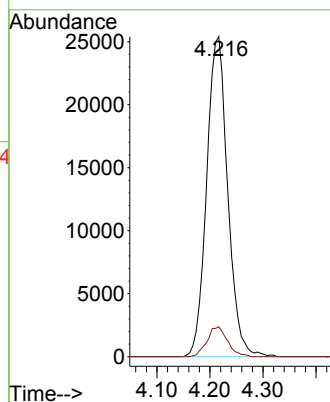
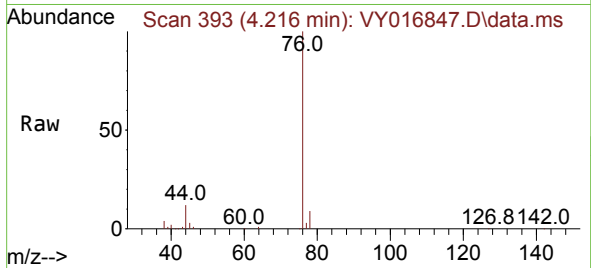




#17
Carbon Disulfide
Concen: 17.787 ug/l
RT: 4.216 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

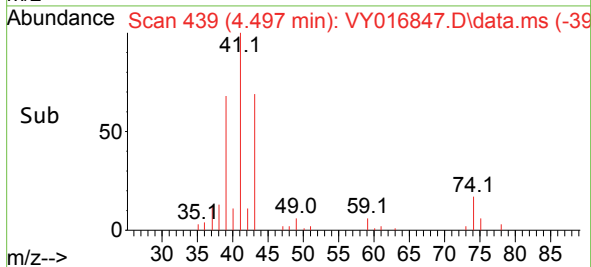
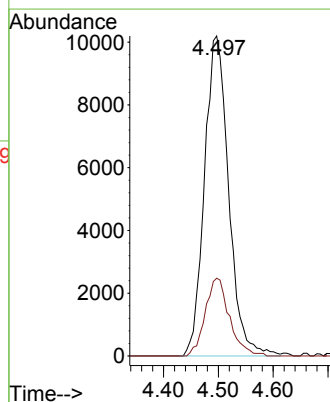
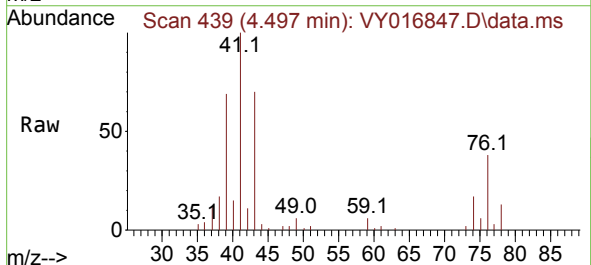
Instrument :
MSVOA_Y
ClientSampleId :

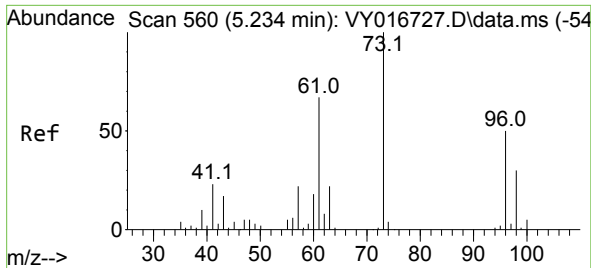
Tgt Ion: 76 Resp: 70054
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 21.148 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 43 Resp: 31281
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.6

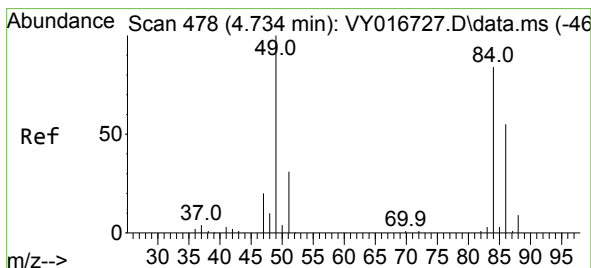
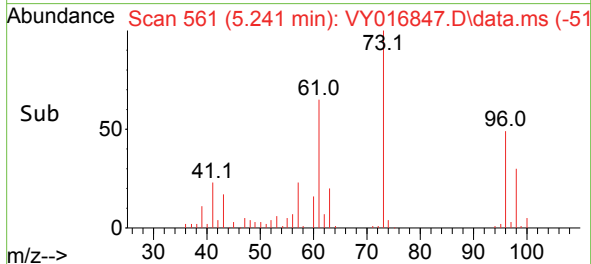
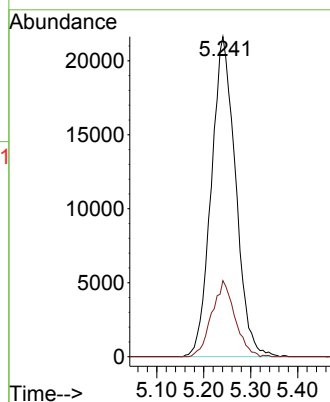
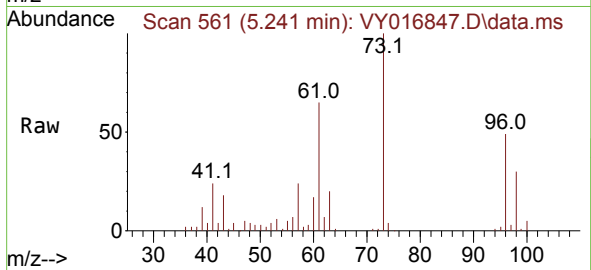




#19
Methyl tert-butyl Ether
Concen: 20.804 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

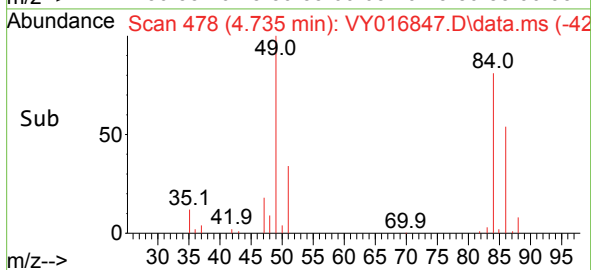
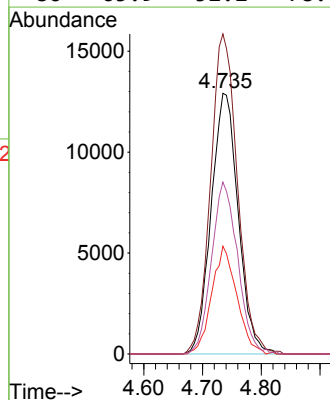
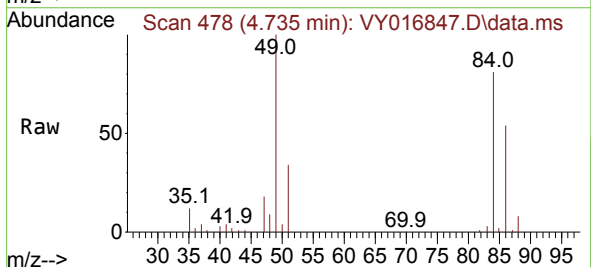
Instrument :
MSVOA_Y
ClientSampleId :

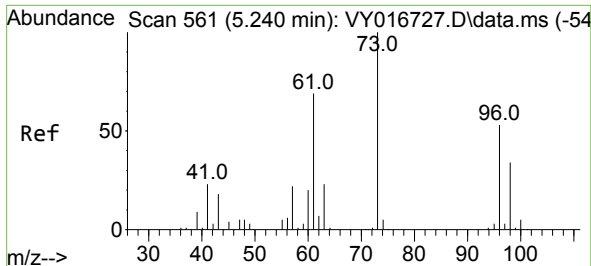
Tgt Ion: 73 Resp: 77482
Ion Ratio Lower Upper
73 100
57 23.7 17.7 26.5



#20
Methylene Chloride
Concen: 19.117 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 84 Resp: 41244
Ion Ratio Lower Upper
84 100
49 122.7 95.2 142.8
51 41.3 29.9 44.9
86 65.9 52.2 78.4

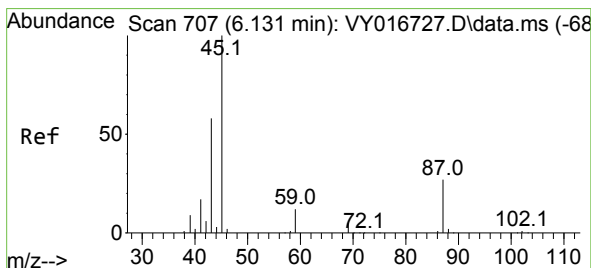
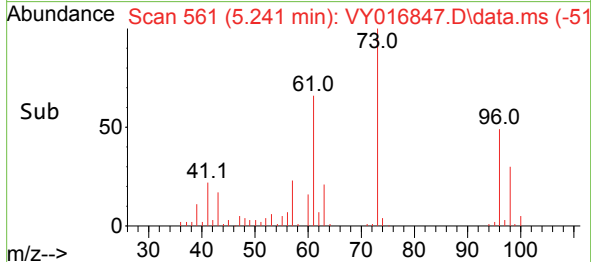
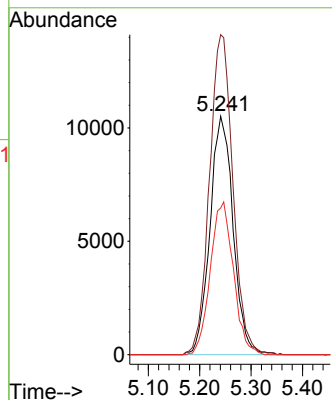
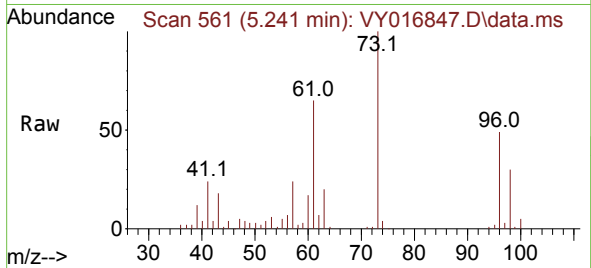




#21
trans-1,2-Dichloroethene
Concen: 19.950 ug/l
RT: 5.241 min Scan# 509
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

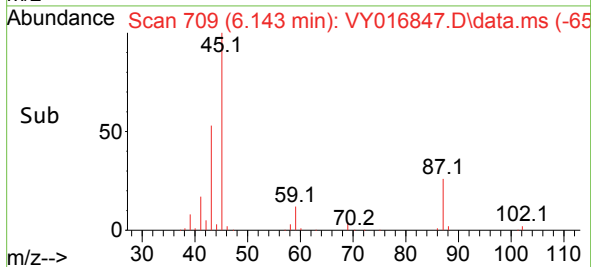
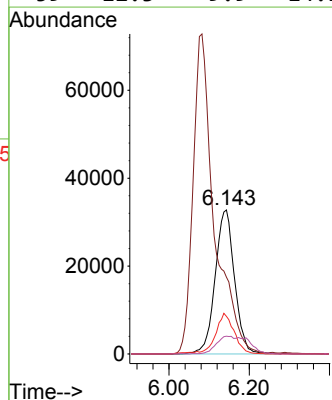
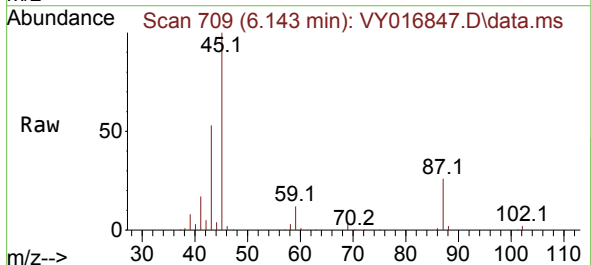
Instrument :
MSVOA_Y
ClientSampleId :

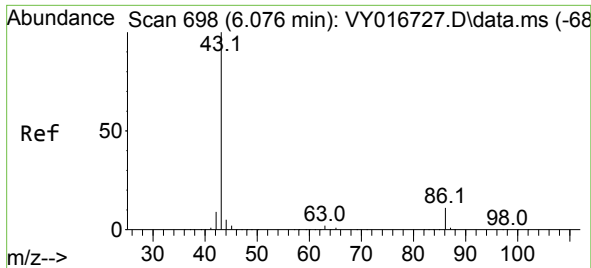
Tgt Ion: 96 Resp: 32935
Ion Ratio Lower Upper
96 100
61 134.2 104.6 156.8
98 61.5 50.9 76.3



#22
Diisopropyl ether
Concen: 21.918 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 45 Resp: 109939
Ion Ratio Lower Upper
45 100
43 52.6 46.8 70.2
87 26.1 22.2 33.2
59 12.3 9.9 14.9

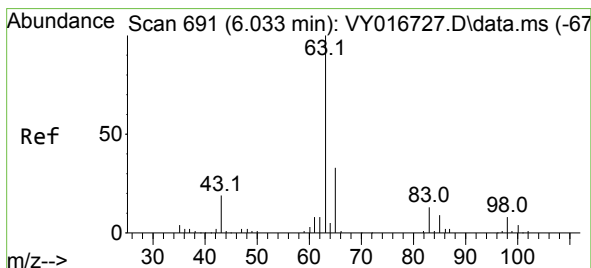
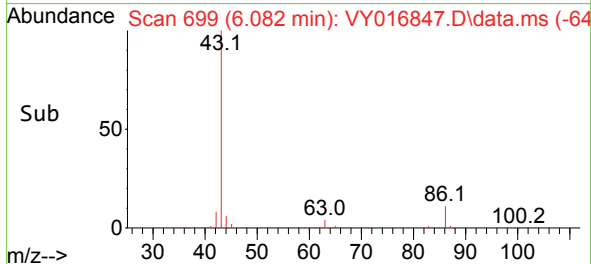
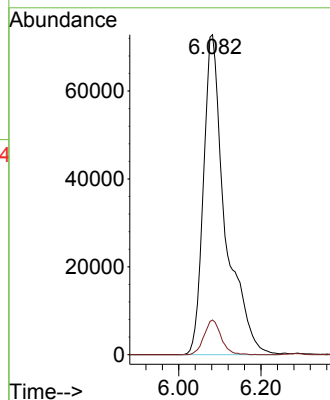
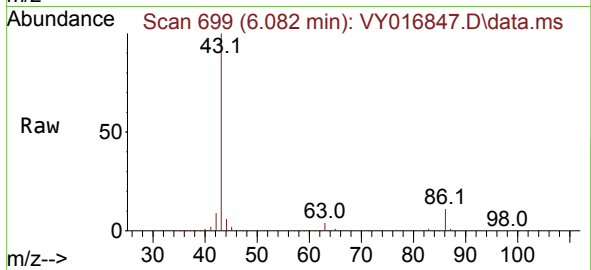




#23
 Vinyl Acetate
 Concen: 112.880 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016847.D
 Acq: 26 Dec 2023 12:26

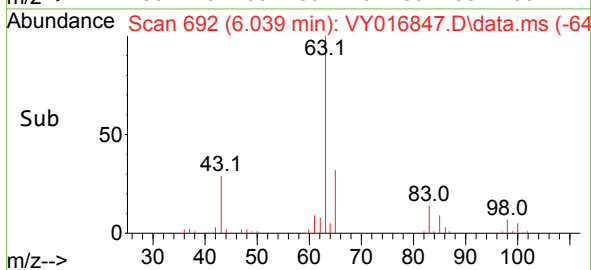
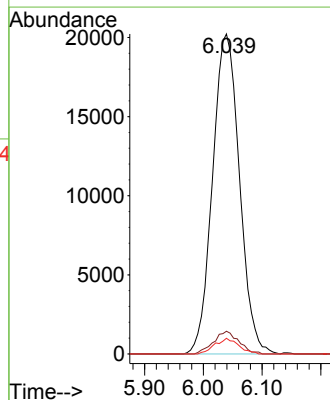
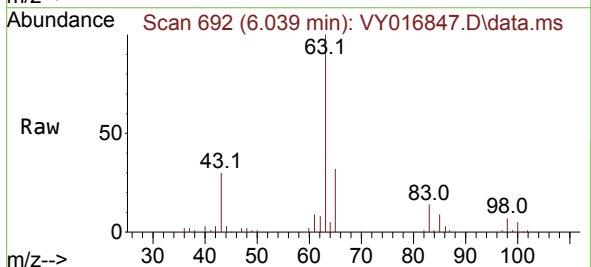
Instrument :
 MSVOA_Y
 ClientSampleId :

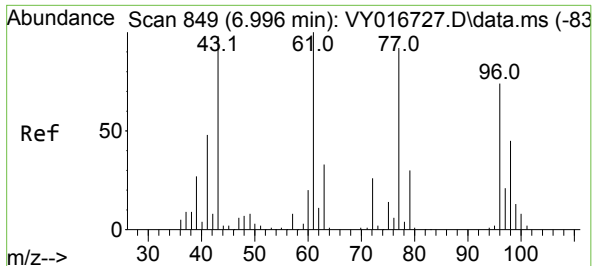
Tgt Ion: 43 Resp: 267781
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.369 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016847.D
 Acq: 26 Dec 2023 12:26

Tgt Ion: 63 Resp: 64385
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 4.9 2.1 6.2





#25

2-Butanone

Concen: 131.473 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.007 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

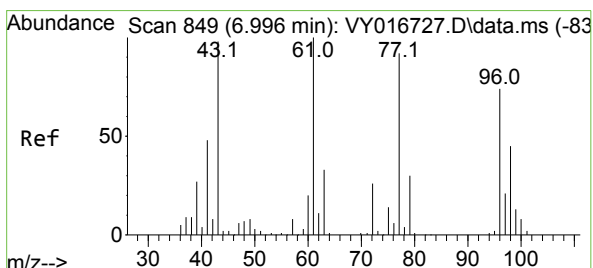
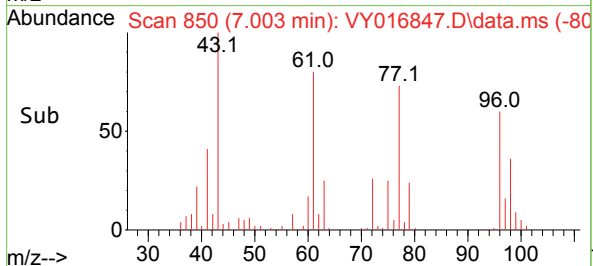
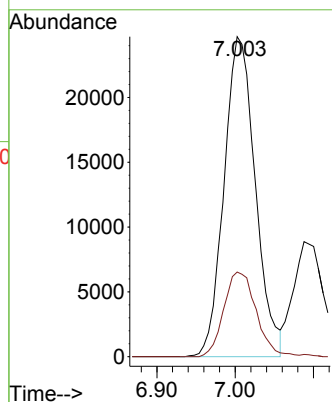
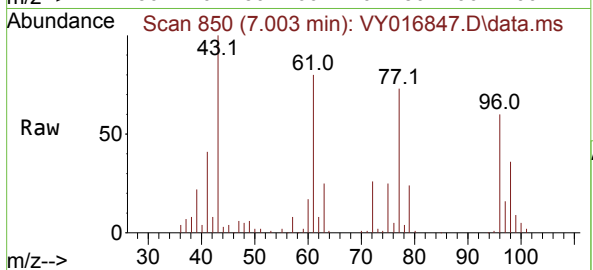
ClientSampleId :

Tgt Ion: 43 Resp: 68513

Ion Ratio Lower Upper

43 100

72 26.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.043 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016847.D

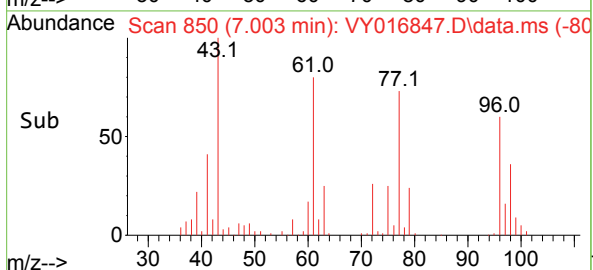
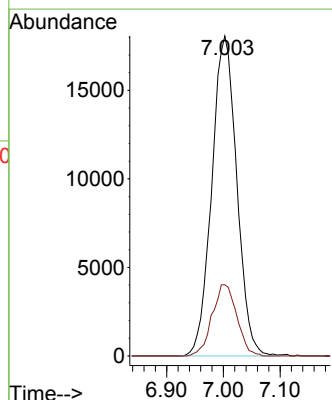
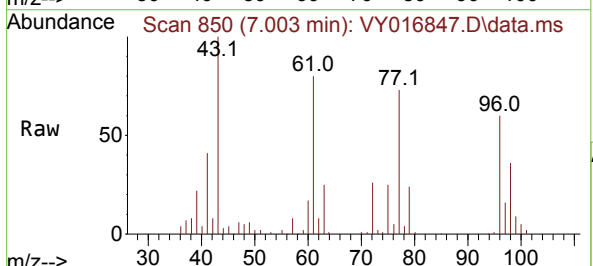
Acq: 26 Dec 2023 12:26

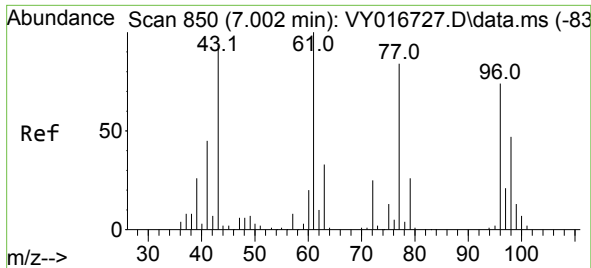
Tgt Ion: 77 Resp: 55329

Ion Ratio Lower Upper

77 100

97 22.0 11.7 35.0



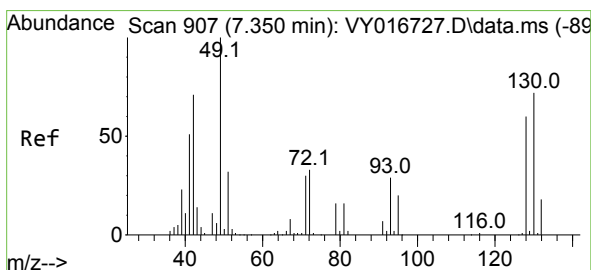
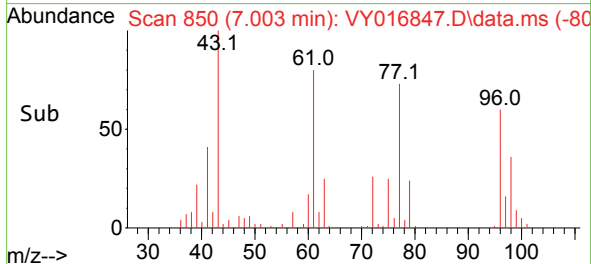
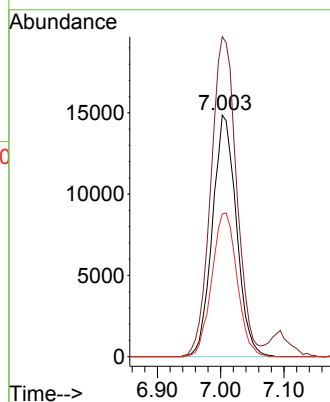
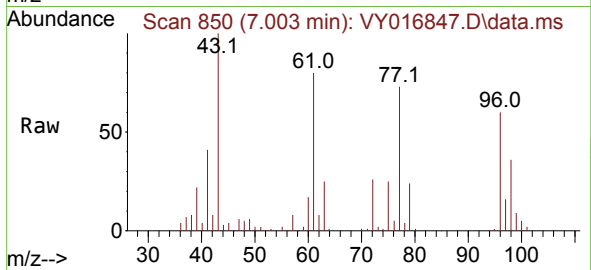


#27
 cis-1,2-Dichloroethene
 Concen: 20.607 ug/l
 RT: 7.003 min Scan# 850
 Delta R.T. 0.000 min
 Lab File: VY016847.D
 Acq: 26 Dec 2023 12:26

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 39152

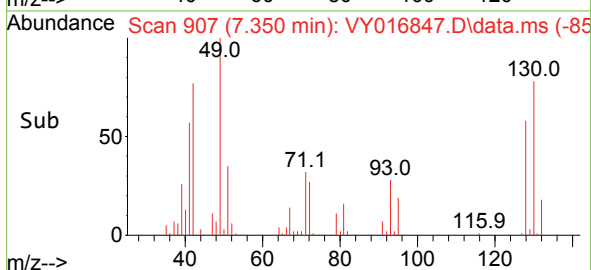
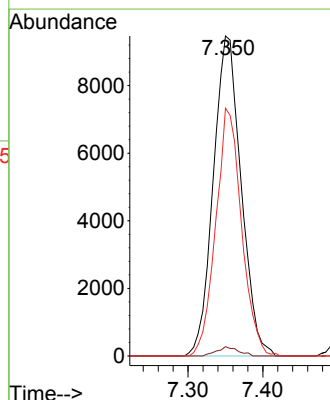
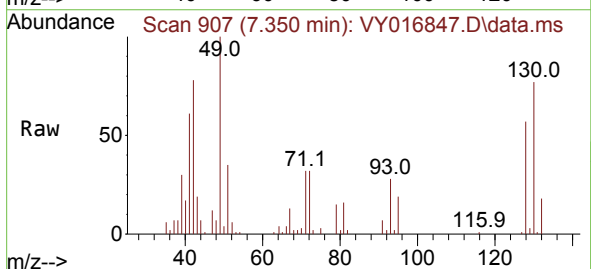
Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	278.8
98	62.6	0.0	127.0

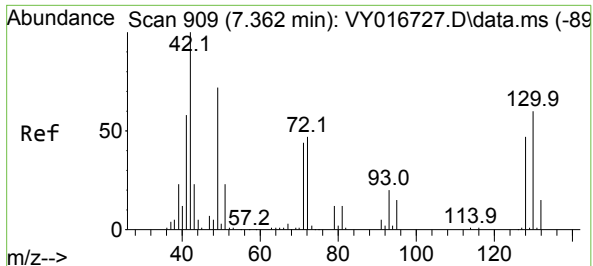


#28
 Bromochloromethane
 Concen: 20.540 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY016847.D
 Acq: 26 Dec 2023 12:26

Tgt Ion: 49 Resp: 24495

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	71.7	59.8	89.8





#29

Tetrahydrofuran

Concen: 117.983 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

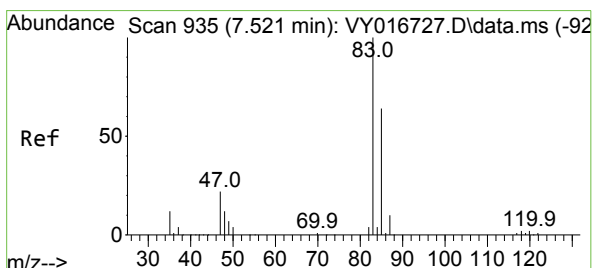
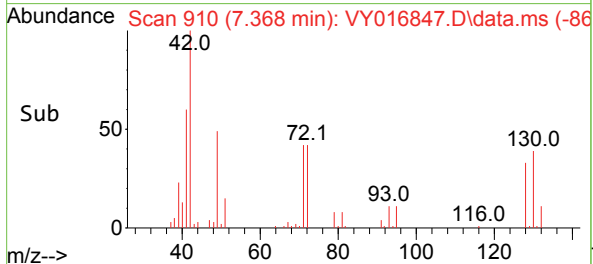
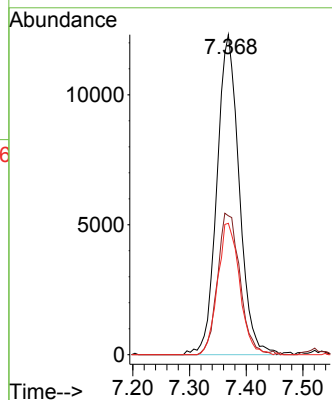
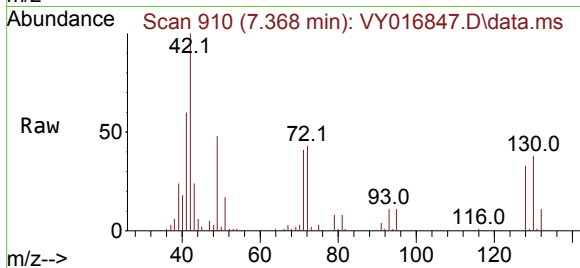
Tgt Ion: 42 Resp: 33619

Ion Ratio Lower Upper

42 100

72 44.7 36.6 54.8

71 40.6 33.8 50.6



#30

Chloroform

Concen: 21.162 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016847.D

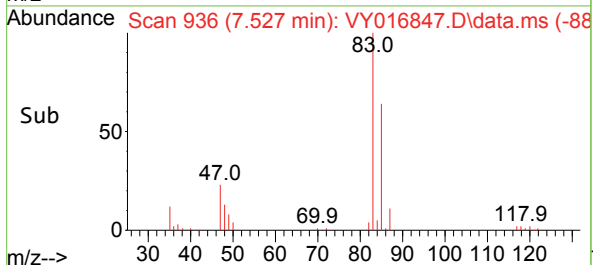
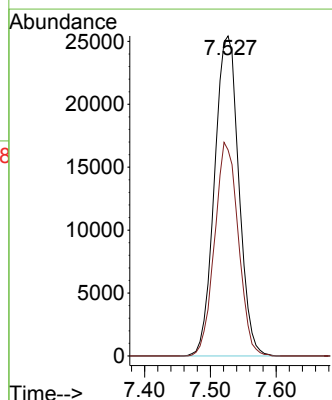
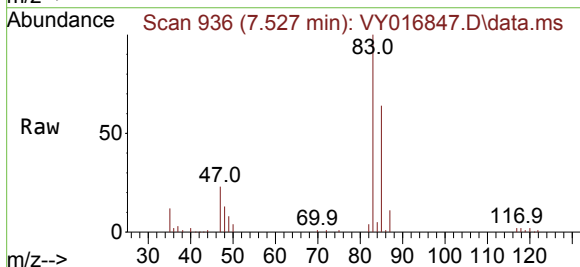
Acq: 26 Dec 2023 12:26

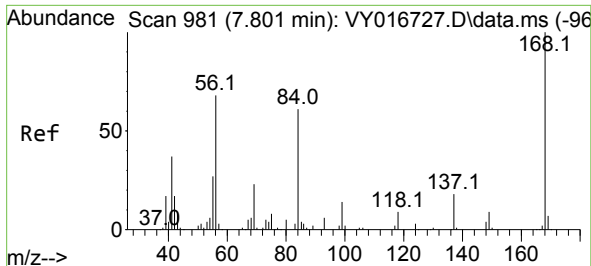
Tgt Ion: 83 Resp: 65273

Ion Ratio Lower Upper

83 100

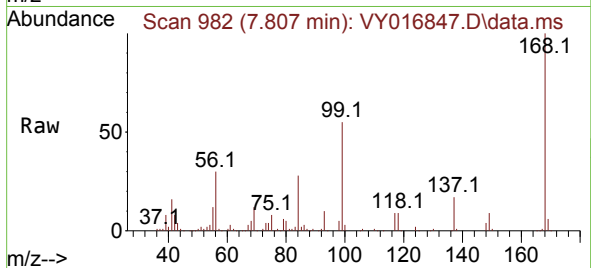
85 64.4 51.2 76.8



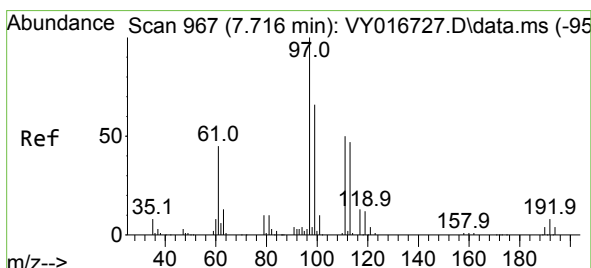
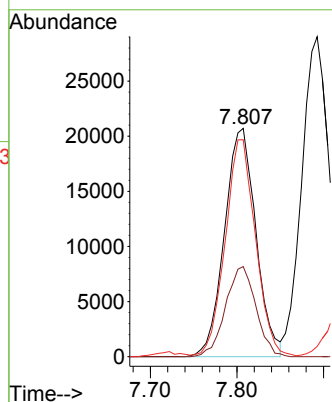
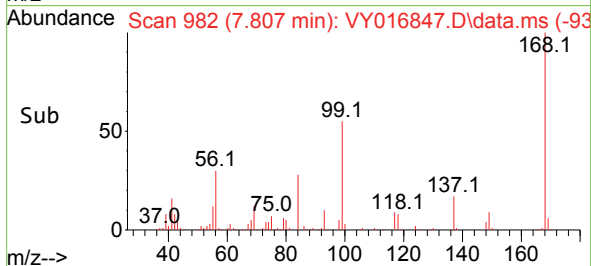


#31
Cyclohexane
Concen: 19.483 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

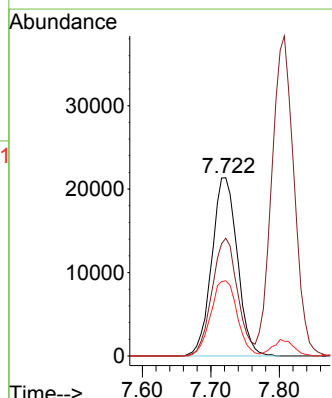
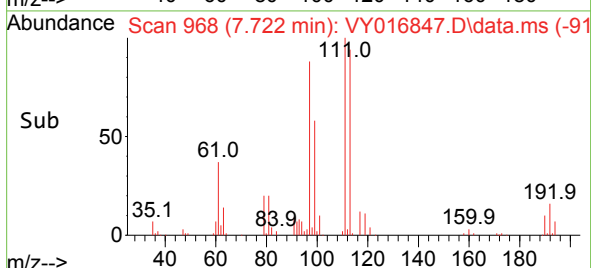
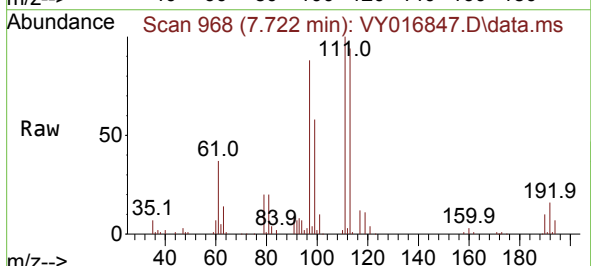


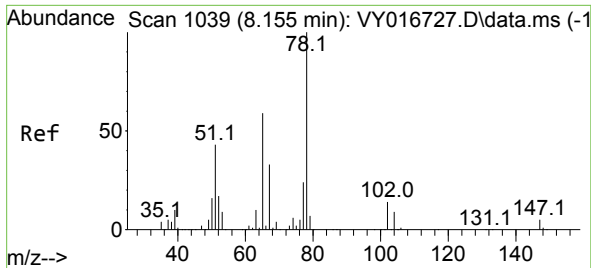
Tgt Ion: 56 Resp: 52249
Ion Ratio Lower Upper
56 100
69 39.5 27.0 40.6
84 93.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.385 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 97 Resp: 55193
Ion Ratio Lower Upper
97 100
99 66.4 51.2 76.8
61 43.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 55.539 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

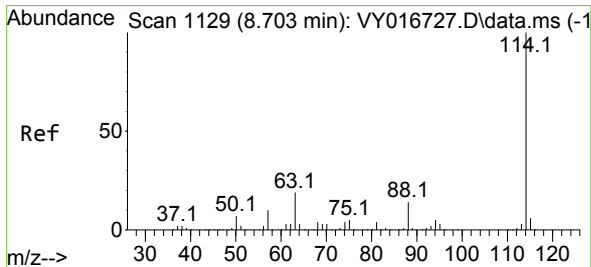
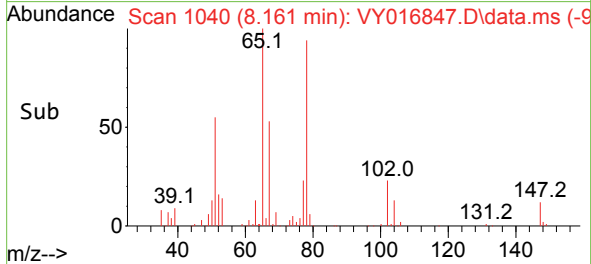
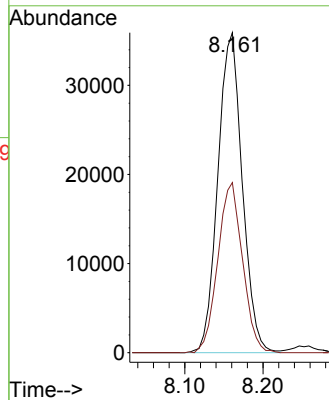
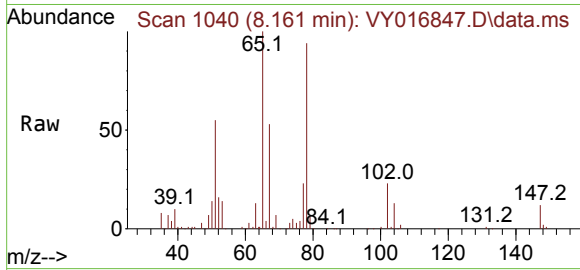
ClientSampleId :

Tgt Ion: 65 Resp: 77738

Ion Ratio Lower Upper

65 100

67 53.9 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: VY016847.D

Acq: 26 Dec 2023 12:26

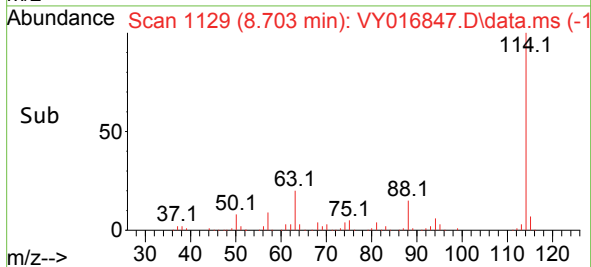
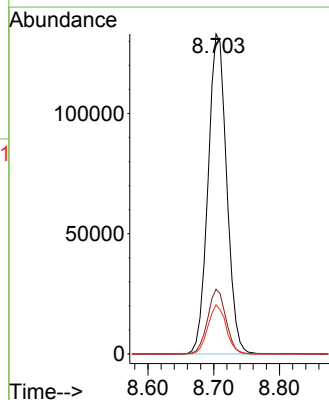
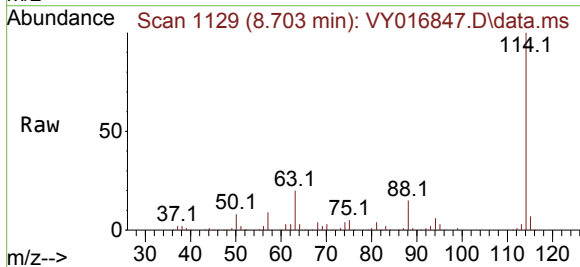
Tgt Ion: 114 Resp: 262182

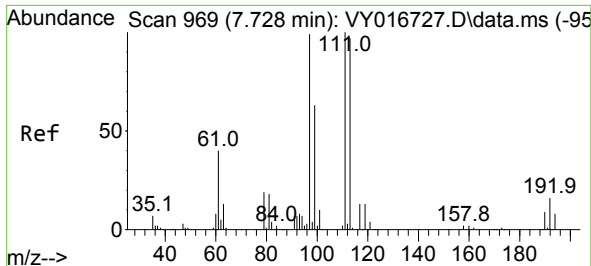
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 15.4 0.0 29.0

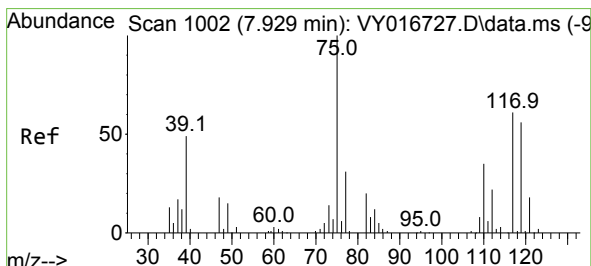
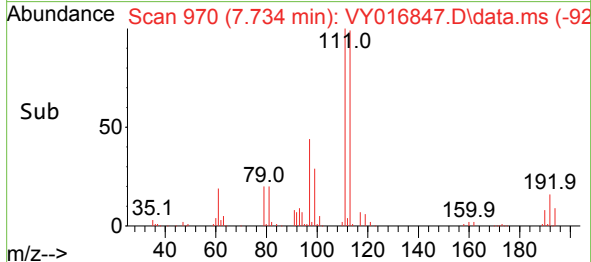
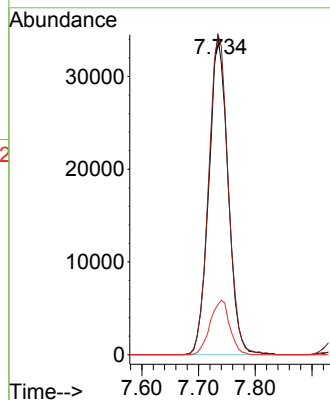
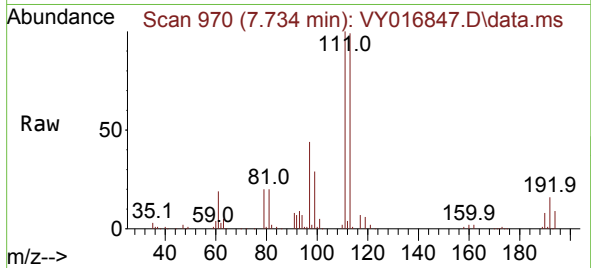




#35
Dibromofluoromethane
Concen: 53.592 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

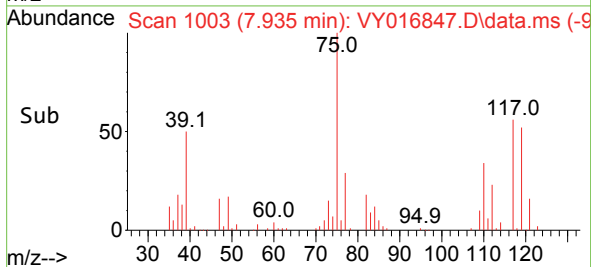
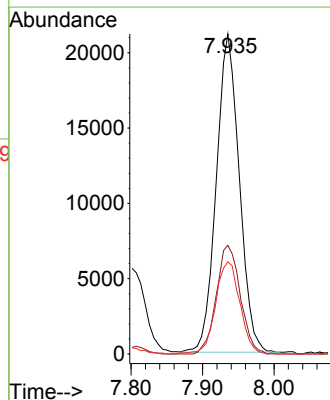
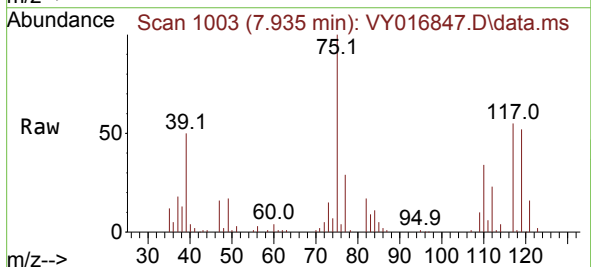
Instrument :
MSVOA_Y
ClientSampleId :

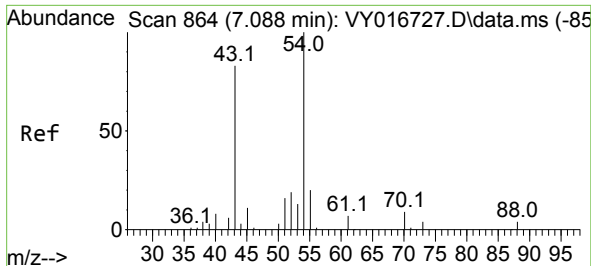
Tgt Ion:113 Resp: 80487
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 17.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 19.608 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

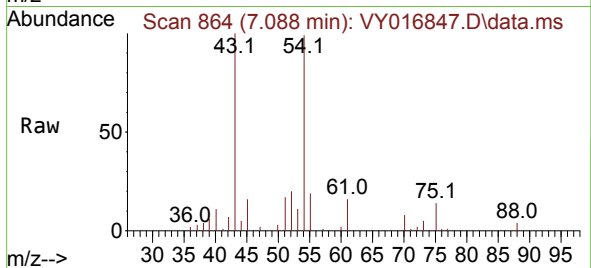
Tgt Ion: 75 Resp: 47209
Ion Ratio Lower Upper
75 100
110 35.5 17.4 52.3
77 30.5 24.7 37.1



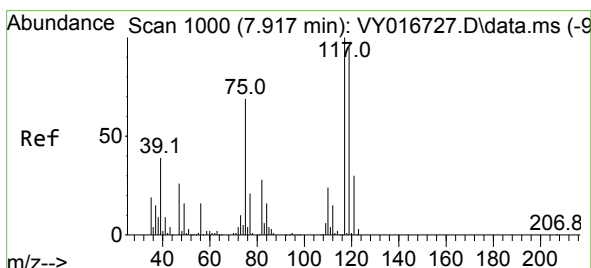
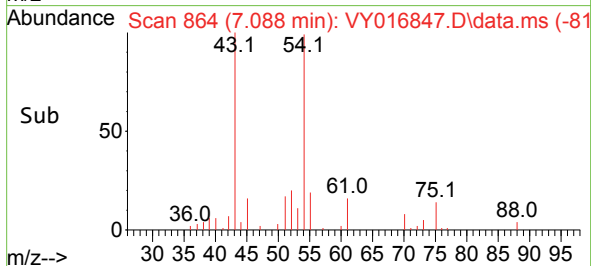
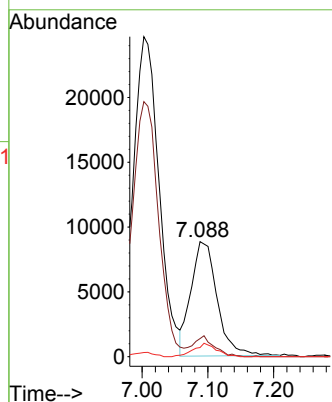


#37
Ethyl Acetate
Concen: 23.671 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

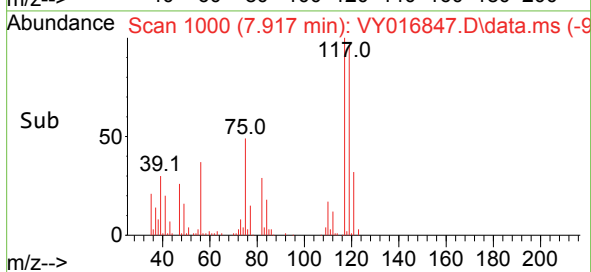
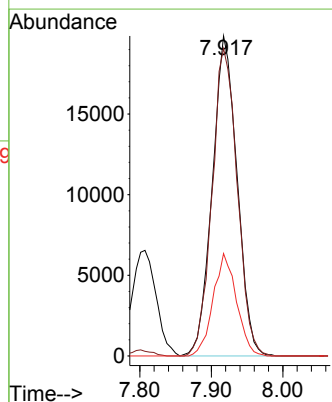
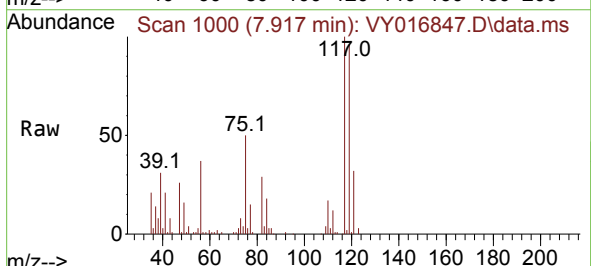


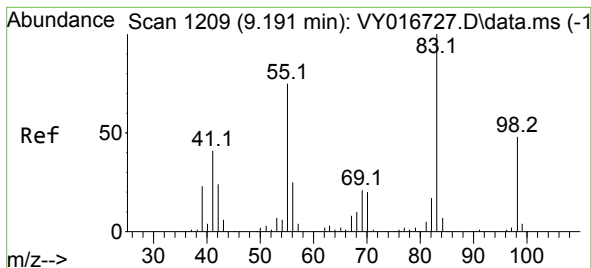
Tgt Ion: 43	Resp: 24428
Ion Ratio	Lower Upper
43	100
61	14.8 11.0 16.6
70	10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.057 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 117	Resp: 47785
Ion Ratio	Lower Upper
117	100
119	96.1 76.0 114.0
121	32.0 24.2 36.2





#39

Methylcyclohexane

Concen: 19.109 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

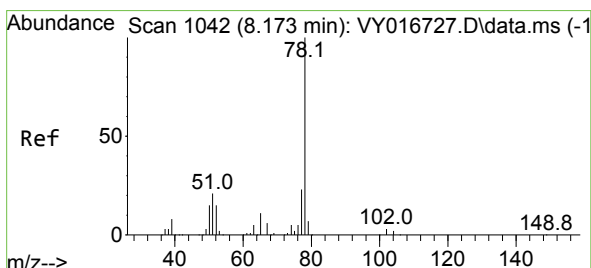
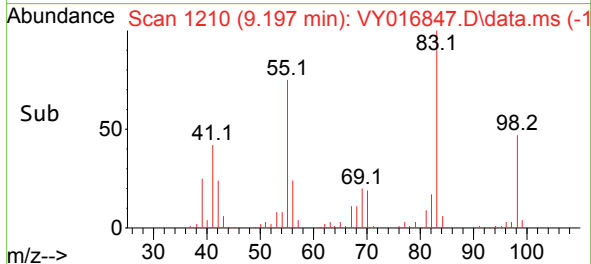
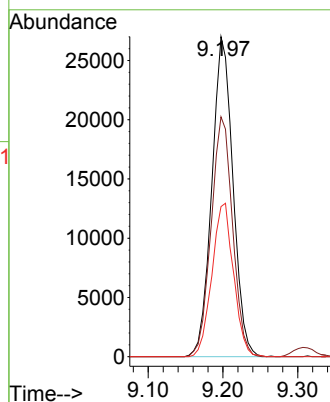
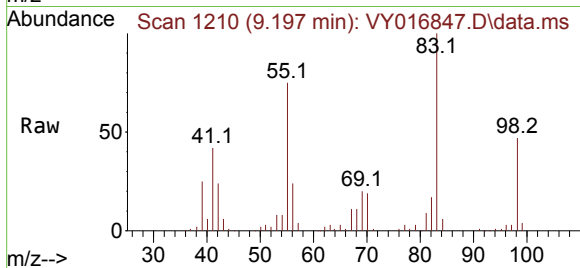
Tgt Ion: 83 Resp: 53119

Ion Ratio Lower Upper

83 100

55 75.0 59.7 89.5

98 46.9 38.0 57.0



#40

Benzene

Concen: 20.287 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016847.D

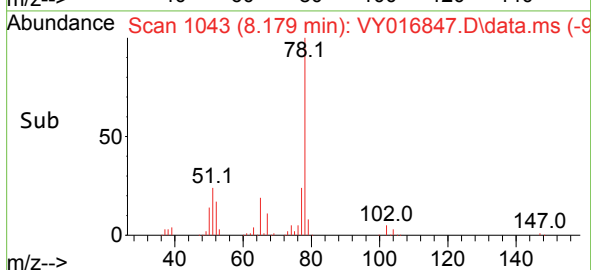
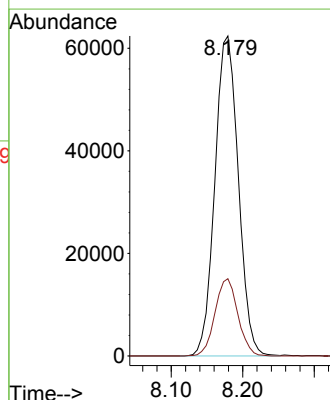
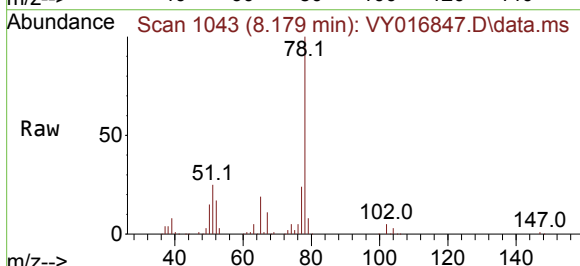
Acq: 26 Dec 2023 12:26

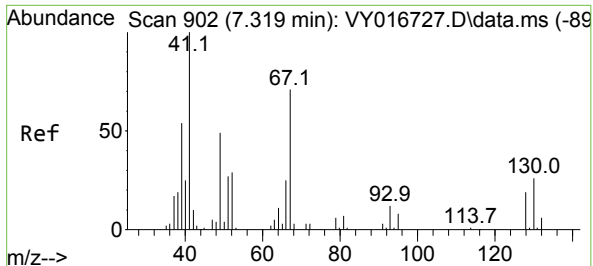
Tgt Ion: 78 Resp: 142142

Ion Ratio Lower Upper

78 100

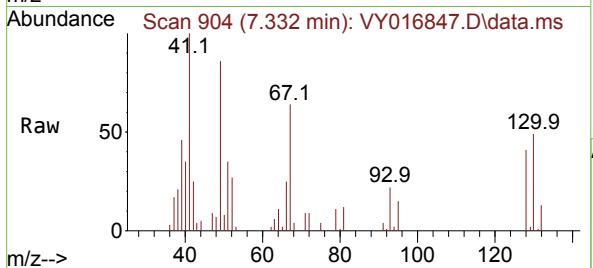
77 24.2 18.8 28.2



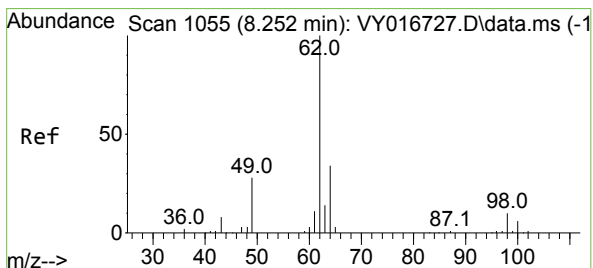
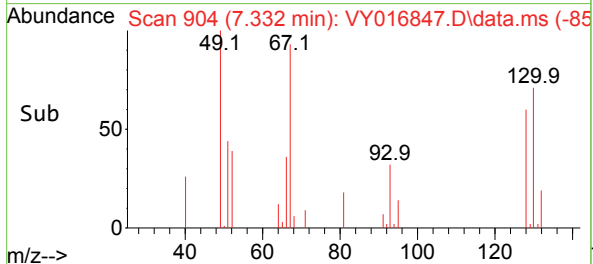
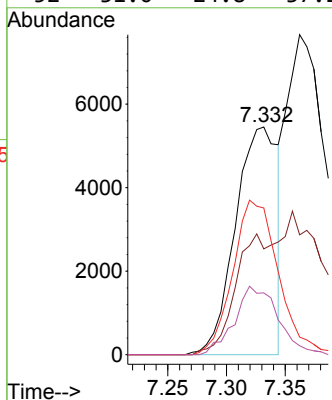


#41
Methacrylonitrile
Concen: 24.898 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Instrument :
MSVOA_Y
ClientSampleId :

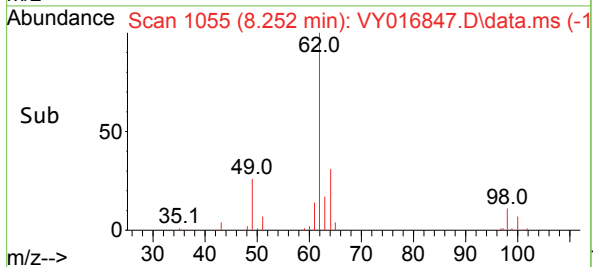
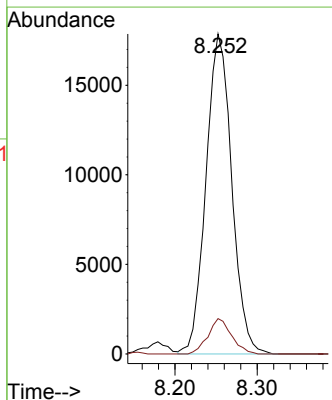
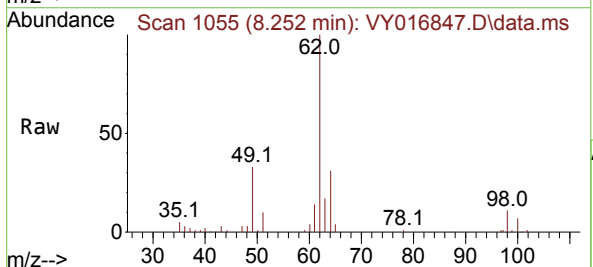


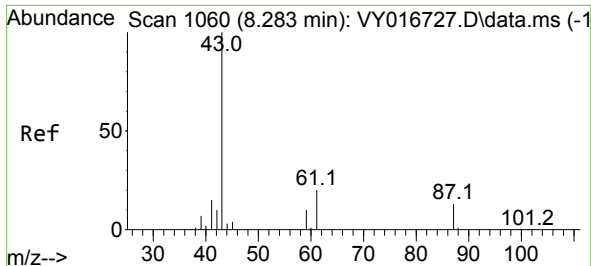
Tgt Ion:	41	Resp:	13642
Ion	Ratio	Lower	Upper
41	100		
39	37.5	41.9	62.9#
67	73.3	59.8	89.6
52	31.0	24.8	37.2



#42
1,2-Dichloroethane
Concen: 21.306 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion:	62	Resp:	38946
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

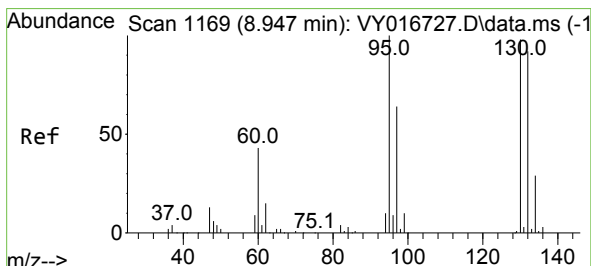
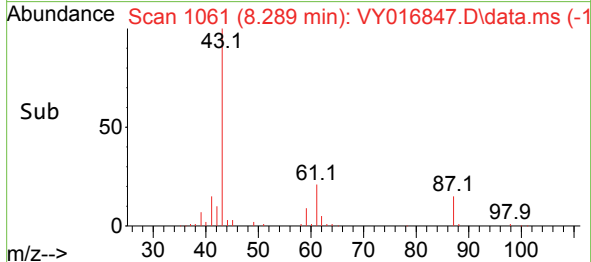
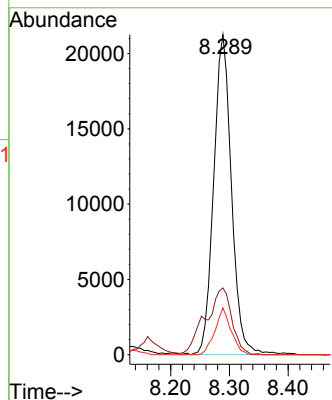
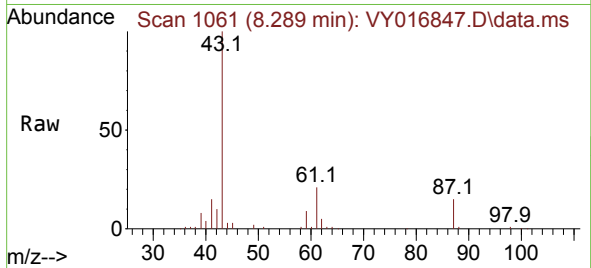




#43
Isopropyl Acetate
Concen: 22.303 ug/l
RT: 8.289 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

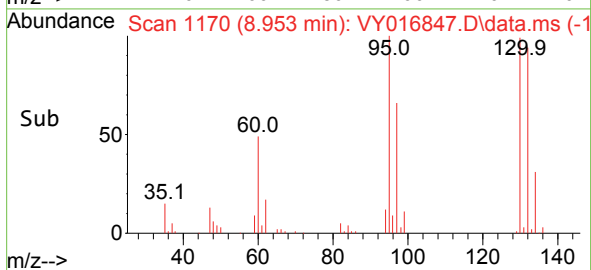
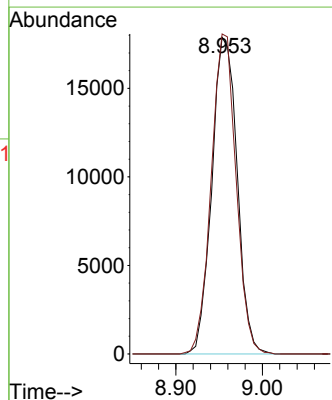
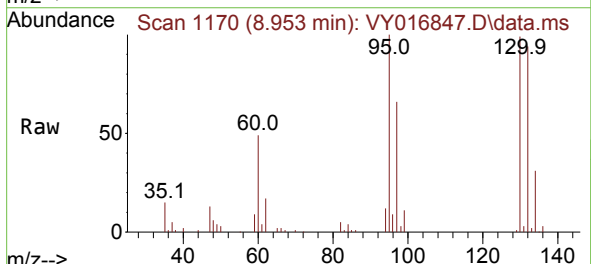
Instrument :
MSVOA_Y
ClientSampleId :

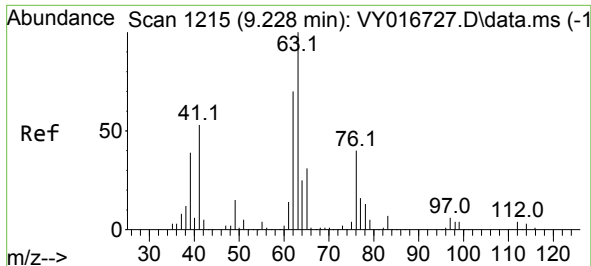
Tgt Ion: 43 Resp: 44704
Ion Ratio Lower Upper
43 100
61 30.8 24.8 37.2
87 13.3 10.7 16.1



#44
Trichloroethene
Concen: 20.289 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion:130 Resp: 36283
Ion Ratio Lower Upper
130 100
95 101.1 0.0 203.8

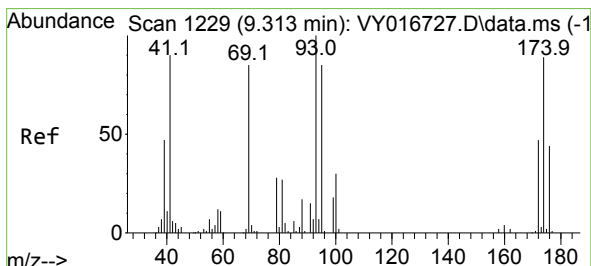
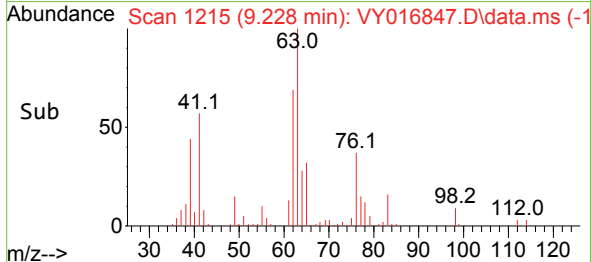
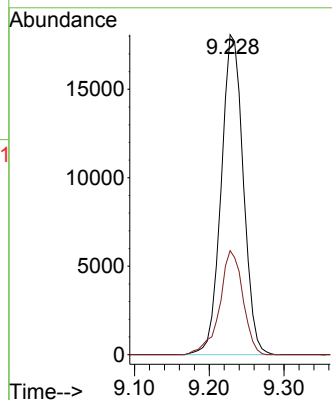
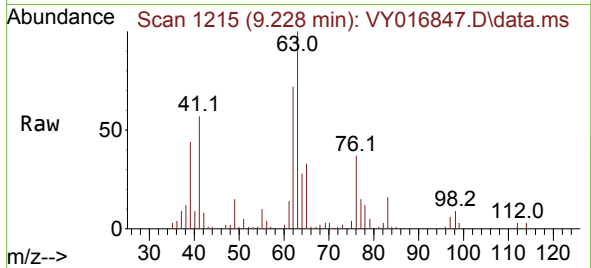




#45
1,2-Dichloropropane
Concen: 21.164 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

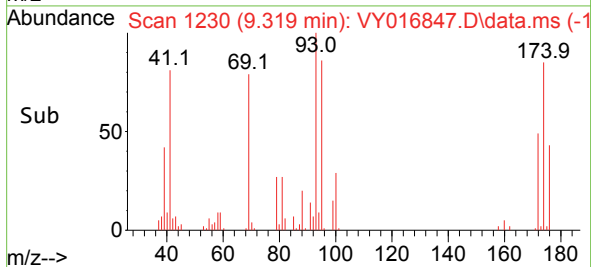
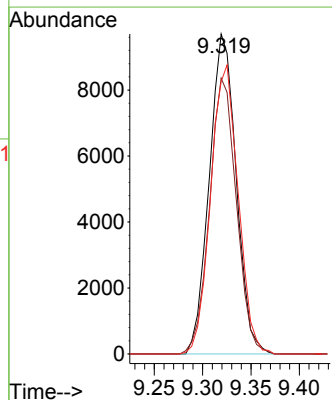
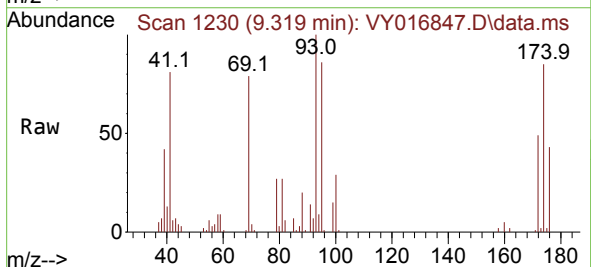
Instrument :
MSVOA_Y
ClientSampleId :

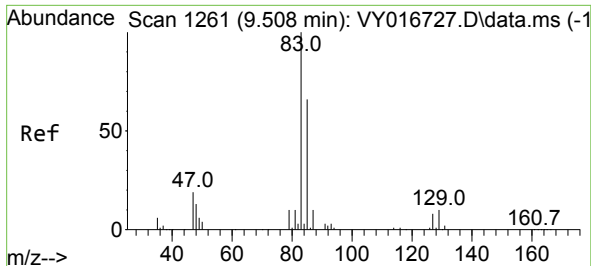
Tgt Ion: 63 Resp: 37197
Ion Ratio Lower Upper
63 100
65 32.5 24.6 36.8



#46
Dibromomethane
Concen: 20.699 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 93 Resp: 18794
Ion Ratio Lower Upper
93 100
95 85.8 66.6 99.8
174 91.8 73.8 110.6

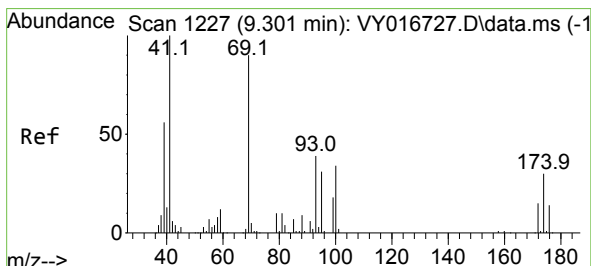
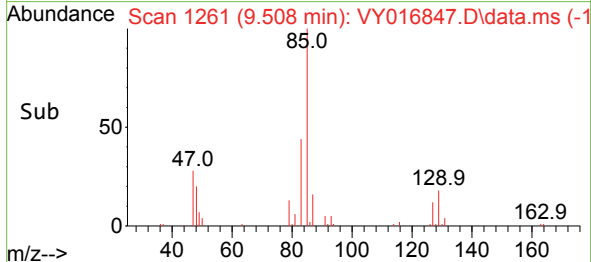
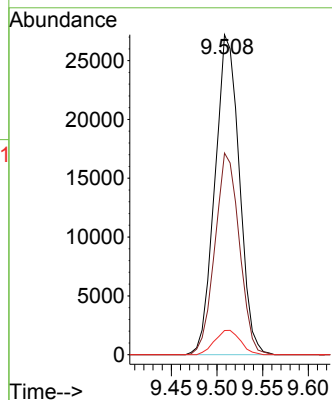
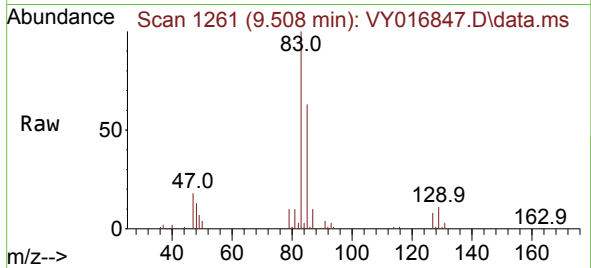




#47
Bromodichloromethane
Concen: 21.087 ug/l
RT: 9.508 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

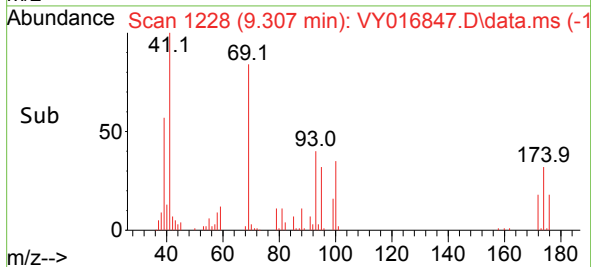
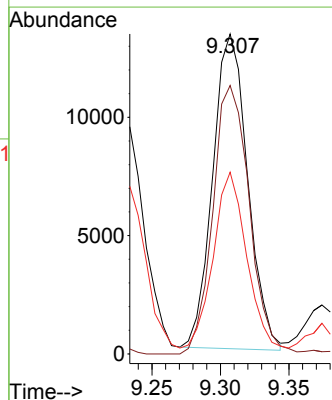
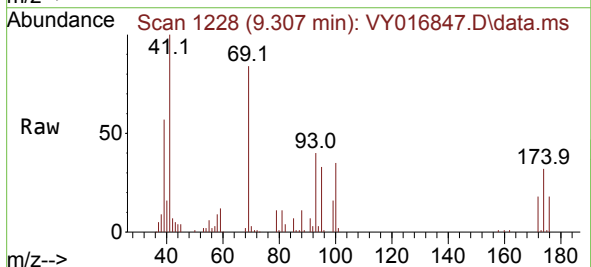
Instrument :
MSVOA_Y
ClientSampleId :

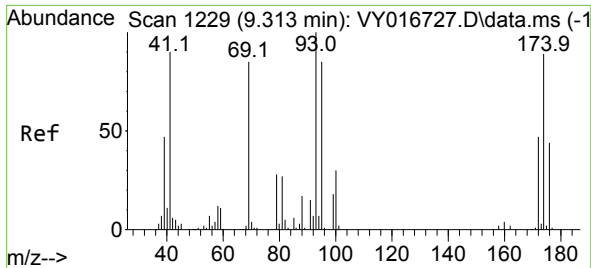
Tgt Ion: 83 Resp: 50462
Ion Ratio Lower Upper
83 100
85 63.0 53.2 79.8
127 7.6 6.4 9.6



#48
Methyl methacrylate
Concen: 21.177 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 41 Resp: 23590
Ion Ratio Lower Upper
41 100
69 89.3 72.1 108.1
39 53.6 42.8 64.2

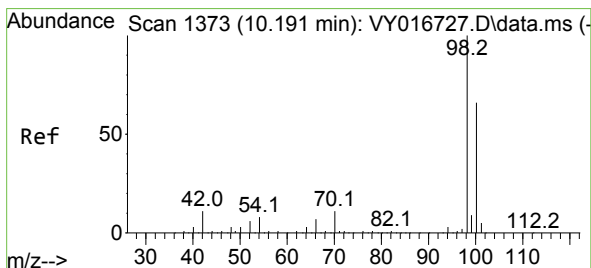
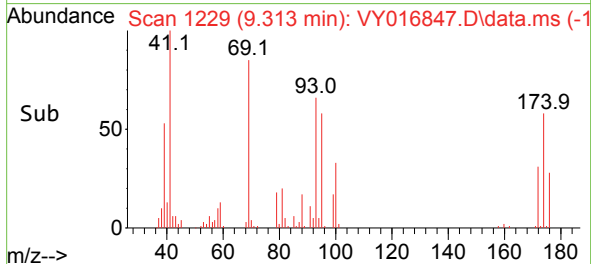
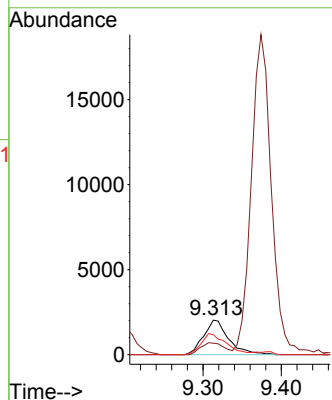
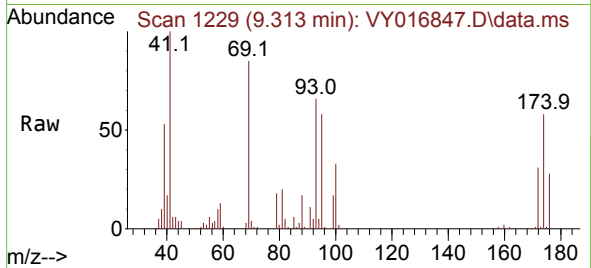




#49
1,4-Dioxane
Concen: 514.950 ug/l
RT: 9.313 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

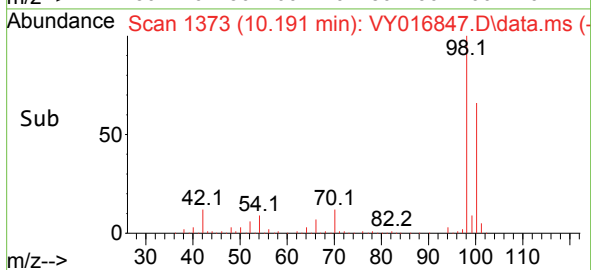
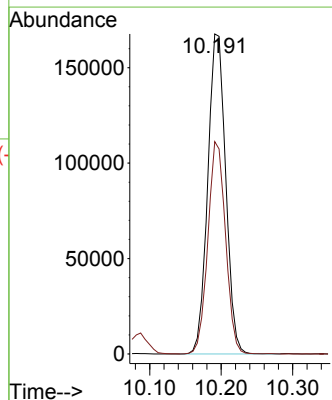
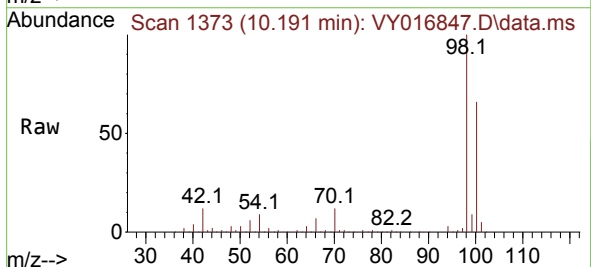
Instrument :
MSVOA_Y
ClientSampleId :

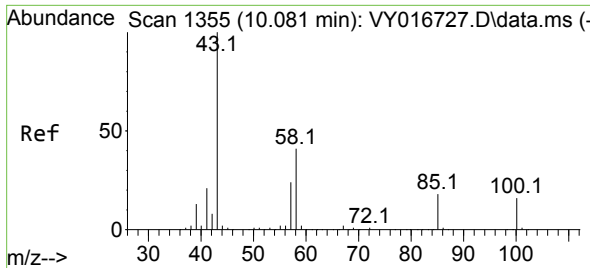
Tgt Ion: 88 Resp: 4538
Ion Ratio Lower Upper
88 100
43 33.1 28.2 42.4
58 61.4 52.2 78.2



#50
Toluene-d8
Concen: 53.972 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 98 Resp: 292205
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

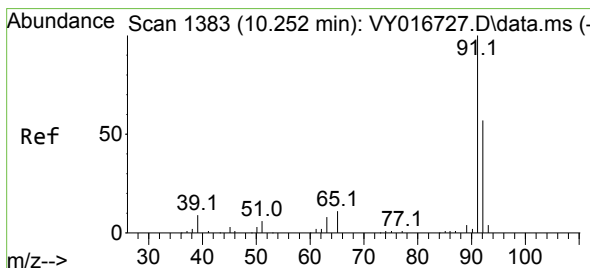
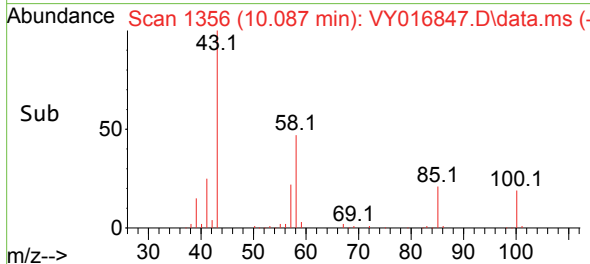
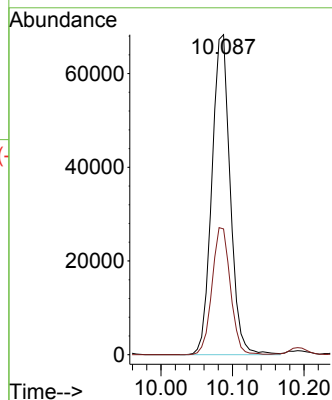
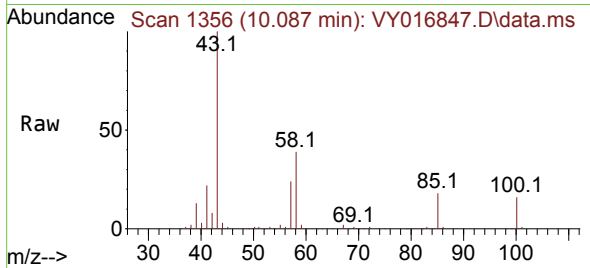




#51
4-Methyl-2-Pentanone
Concen: 113.955 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

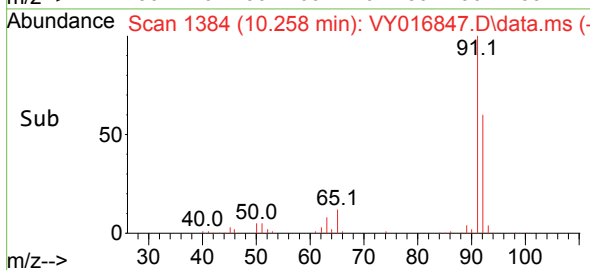
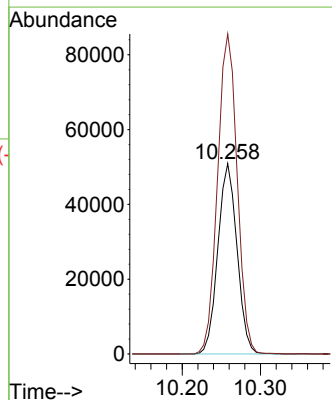
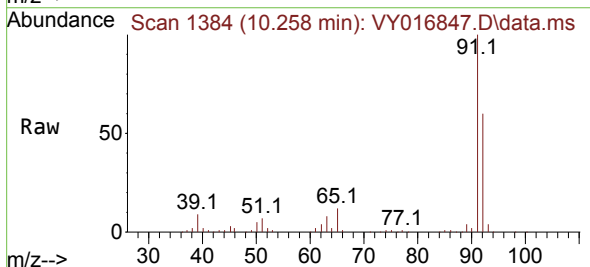
Instrument :
MSVOA_Y
ClientSampleId :

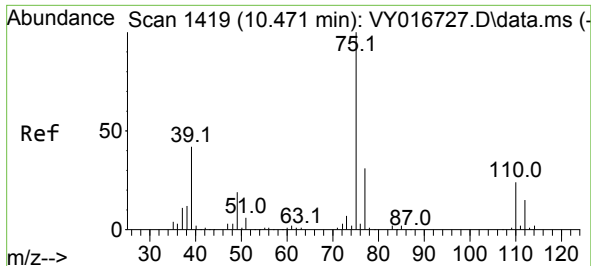
Tgt Ion: 43 Resp: 121697
Ion Ratio Lower Upper
43 100
58 39.8 32.2 48.2



#52
Toluene
Concen: 20.598 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 92 Resp: 86484
Ion Ratio Lower Upper
92 100
91 172.5 137.6 206.4

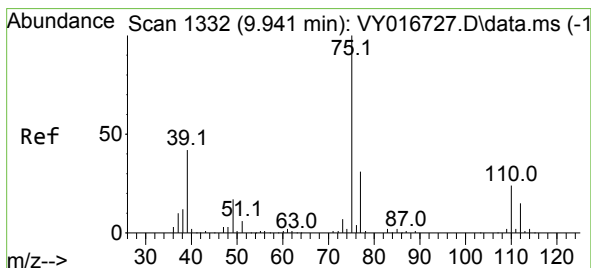
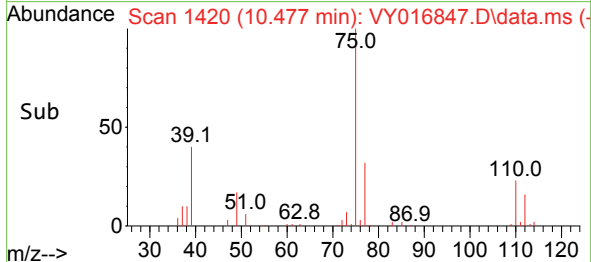
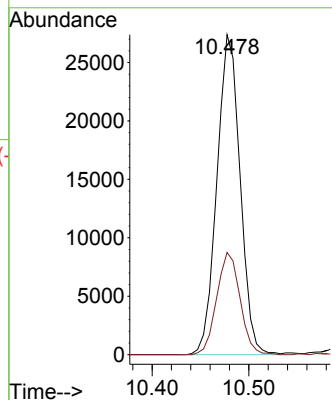
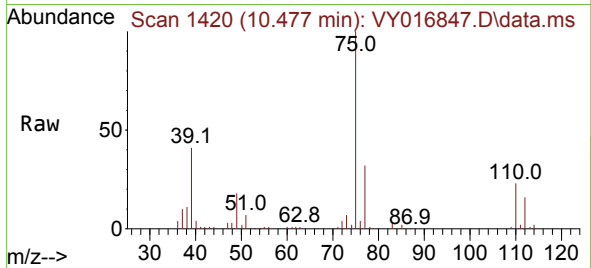




#53
 t-1,3-Dichloropropene
 Concen: 20.881 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016847.D
 Acq: 26 Dec 2023 12:26

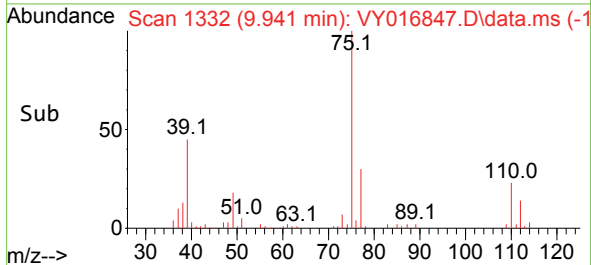
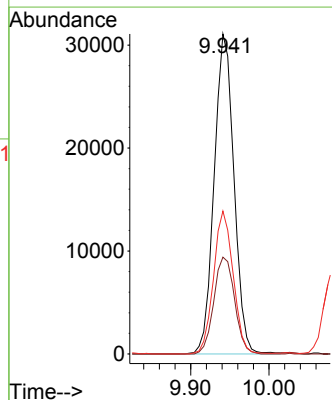
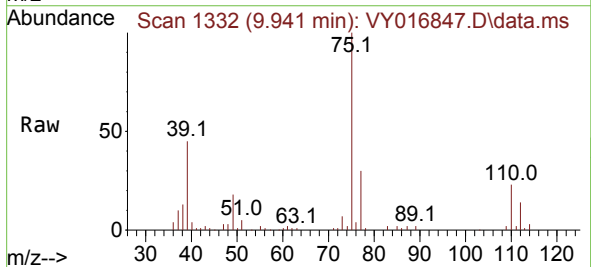
Instrument :
 MSVOA_Y
 ClientSampleId :

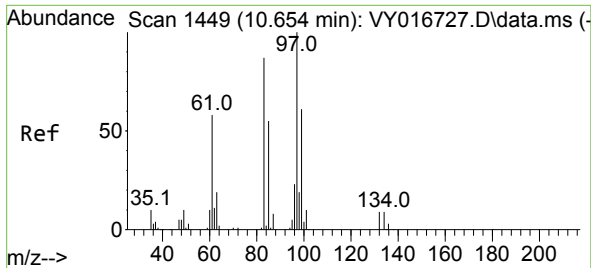
Tgt Ion: 75 Resp: 45564
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.762 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.000 min
 Lab File: VY016847.D
 Acq: 26 Dec 2023 12:26

Tgt Ion: 75 Resp: 54647
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.6 36.8
 39 44.6 33.6 50.4

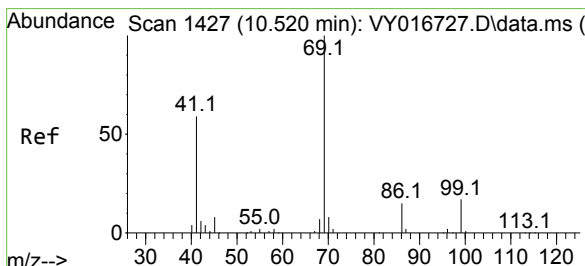
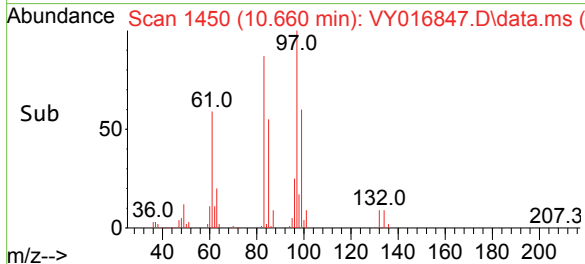
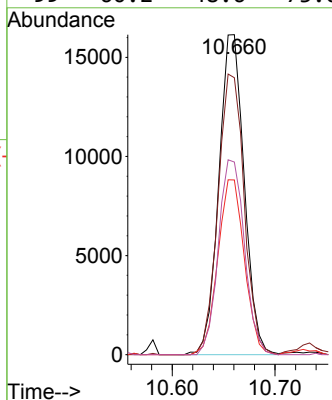
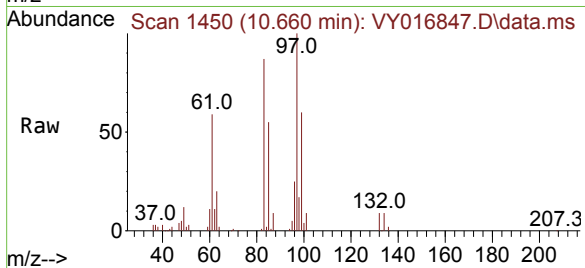




#55
1,1,2-Trichloroethane
Concen: 21.376 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

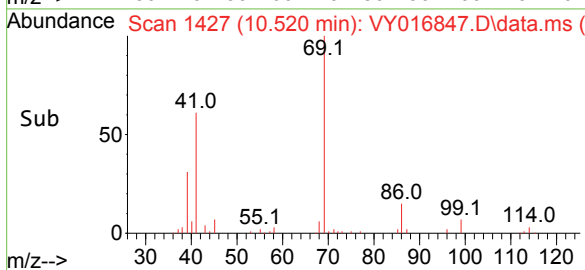
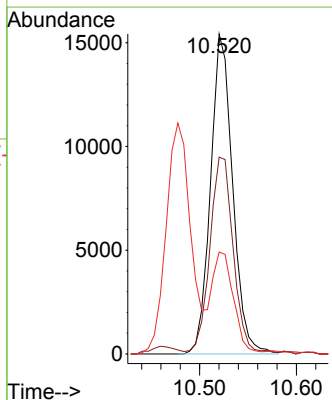
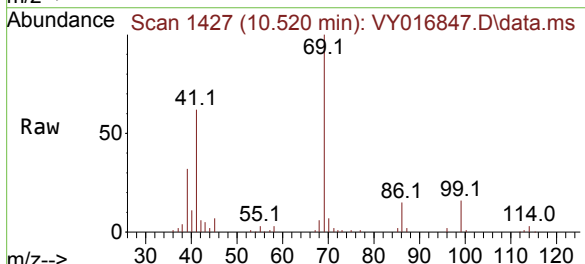
Instrument :
MSVOA_Y
ClientSampleId :

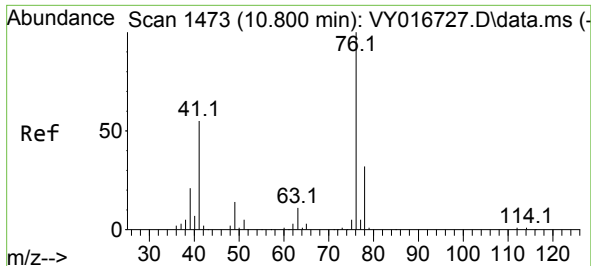
Tgt Ion: 97	Resp: 27691
Ion Ratio	Lower Upper
97 100	
83 86.6	69.4 104.2
85 54.6	43.9 65.9
99 60.2	48.6 73.0



#56
Ethyl methacrylate
Concen: 21.506 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 69	Resp: 24498
Ion Ratio	Lower Upper
69 100	
41 64.4	49.2 73.8
39 31.6	26.8 40.2





#57

1,3-Dichloropropane

Concen: 21.537 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.001 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

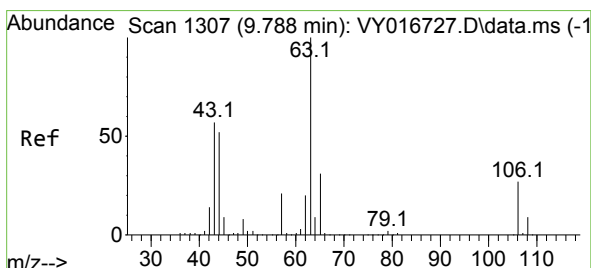
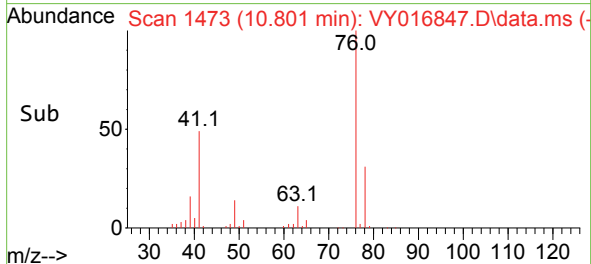
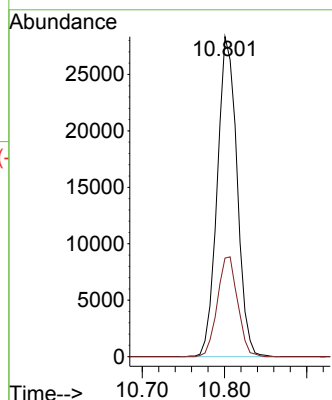
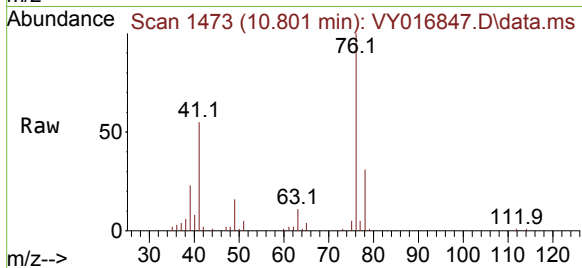
ClientSampleId :

Tgt Ion: 76 Resp: 47388

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 104.480 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY016847.D

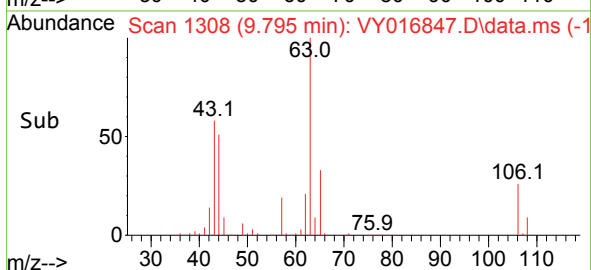
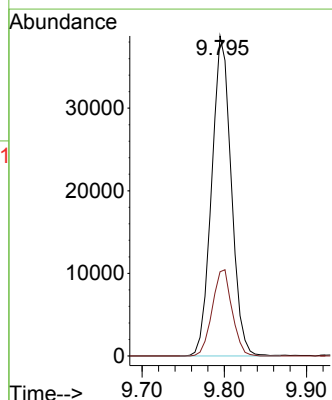
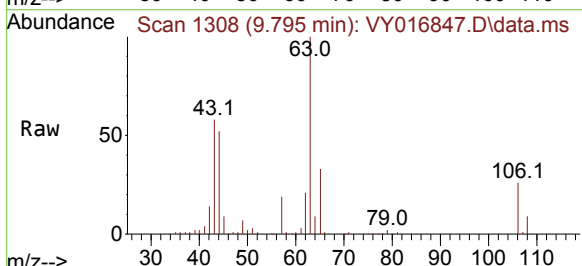
Acq: 26 Dec 2023 12:26

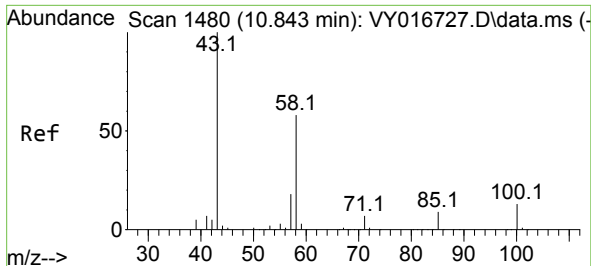
Tgt Ion: 63 Resp: 64025

Ion Ratio Lower Upper

63 100

106 27.3 22.4 33.6

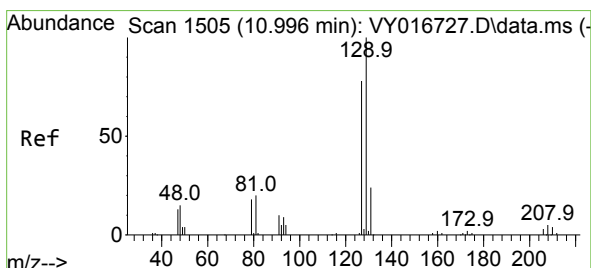
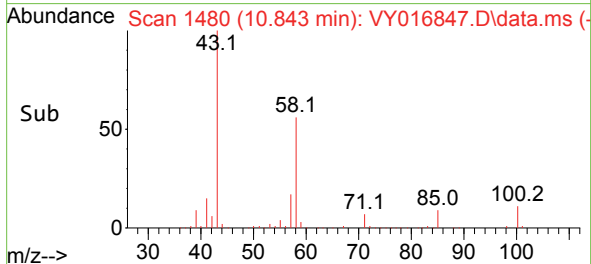
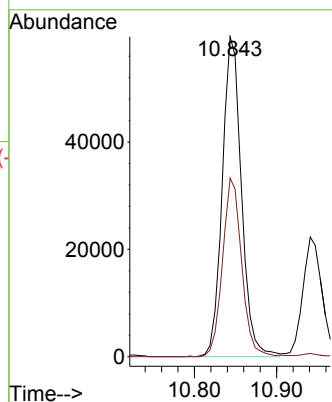
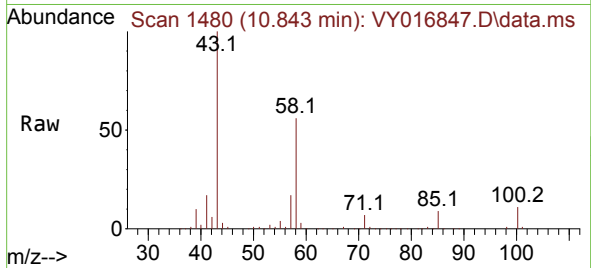




#59
2-Hexanone
Concen: 121.386 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

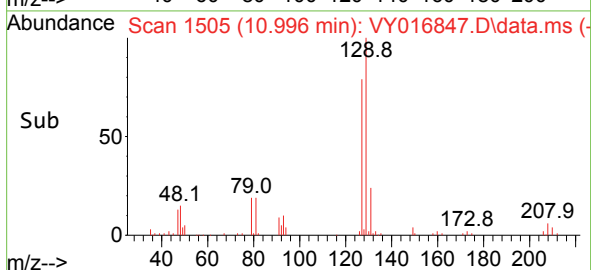
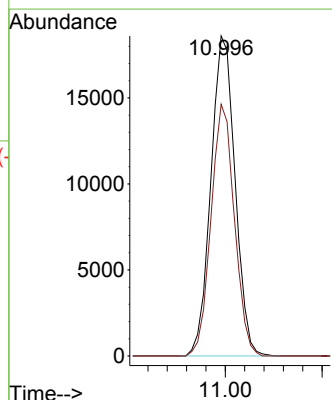
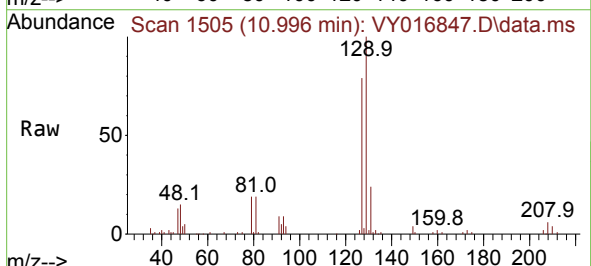
Instrument :
MSVOA_Y
ClientSampleId :

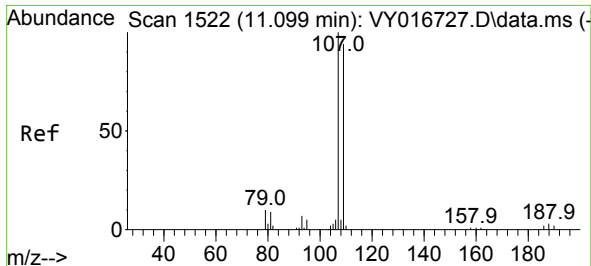
Tgt Ion: 43 Resp: 96662
Ion Ratio Lower Upper
43 100
58 55.8 28.1 84.3



#60
Dibromochloromethane
Concen: 21.473 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 129 Resp: 32179
Ion Ratio Lower Upper
129 100
127 76.0 39.2 117.6

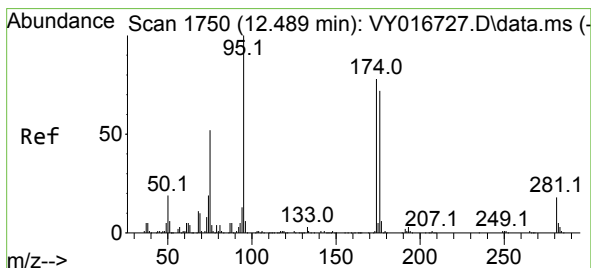
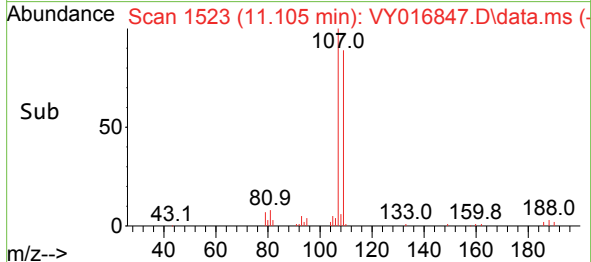
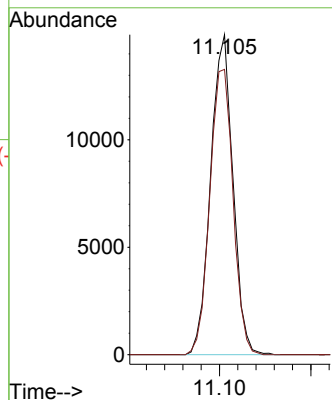
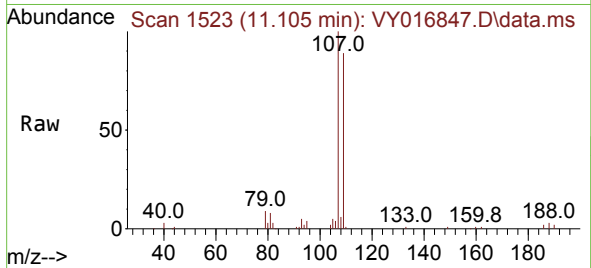




#61
1,2-Dibromoethane
Concen: 21.701 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

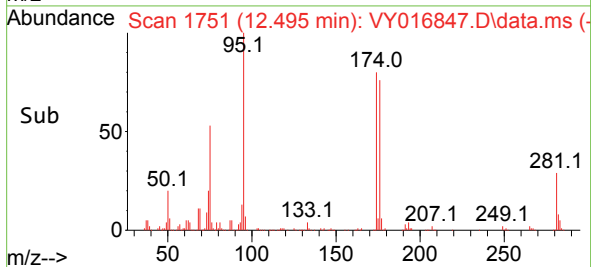
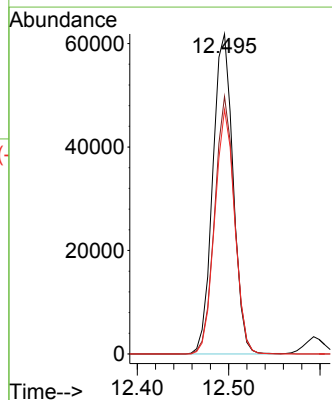
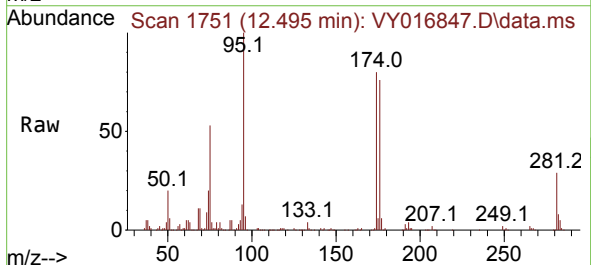
Instrument :
MSVOA_Y
ClientSampleId :

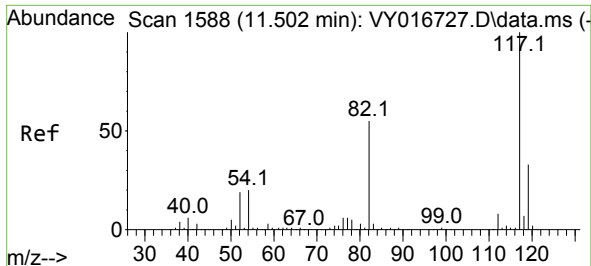
Tgt Ion:107 Resp: 25211
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.331 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 95 Resp: 95431
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 75.0 0.0 151.8

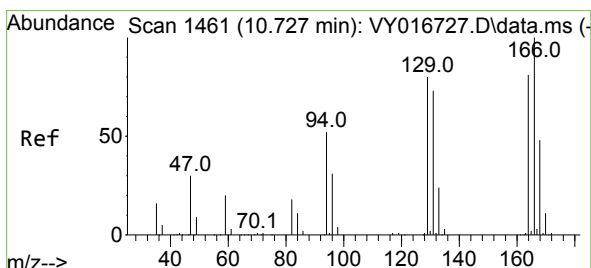
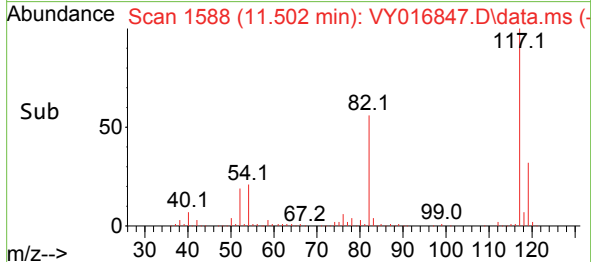
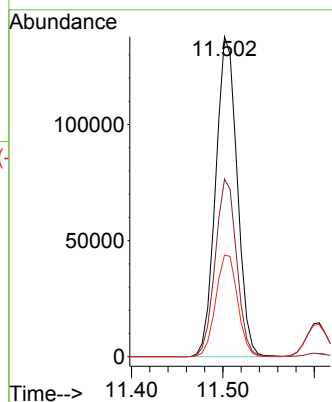
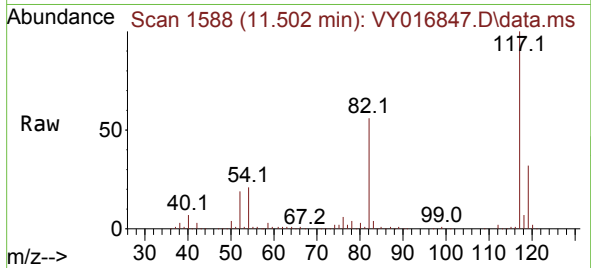




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

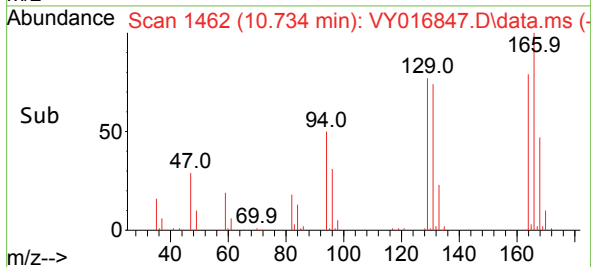
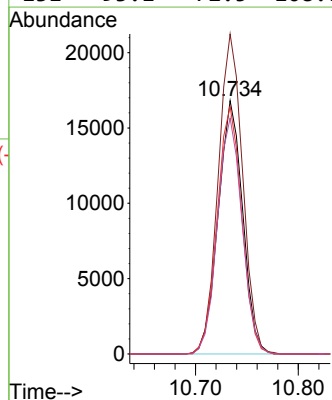
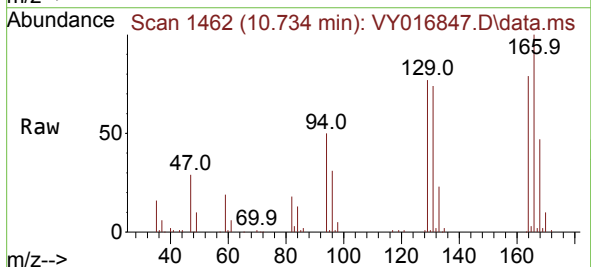
Instrument :
MSVOA_Y
ClientSampleId :

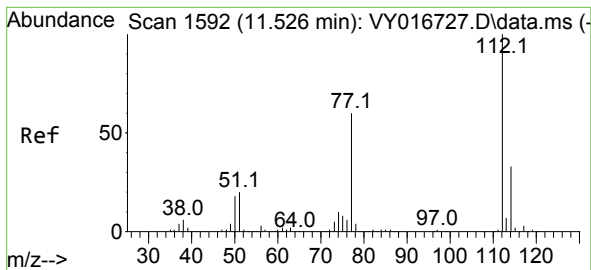
Tgt Ion:117 Resp: 225128
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 31.7 26.5 39.7



#64
Tetrachloroethene
Concen: 19.854 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion:164 Resp: 27766
Ion Ratio Lower Upper
164 100
166 126.4 98.8 148.2
129 97.7 78.9 118.3
131 93.1 72.5 108.7





#65

Chlorobenzene

Concen: 20.621 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

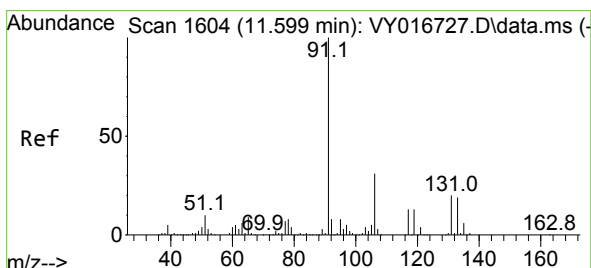
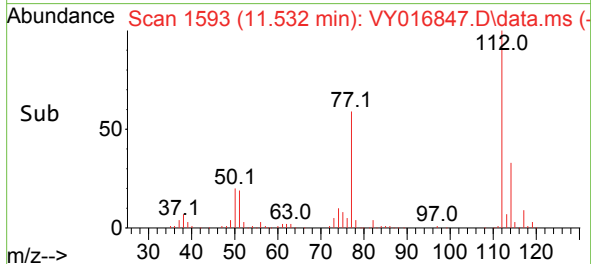
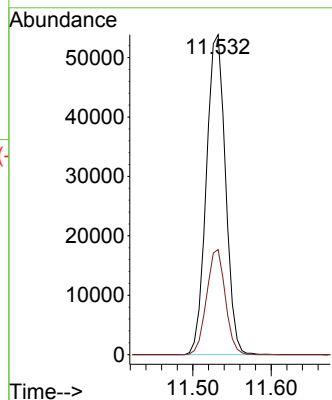
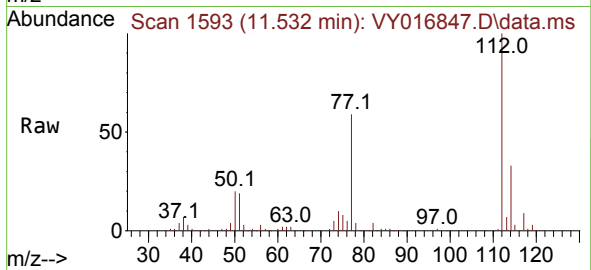
ClientSampleId :

Tgt Ion:112 Resp: 91212

Ion Ratio Lower Upper

112 100

114 32.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.633 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

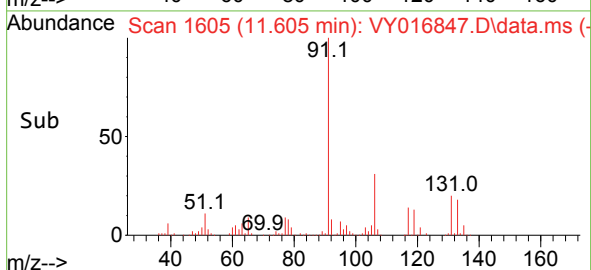
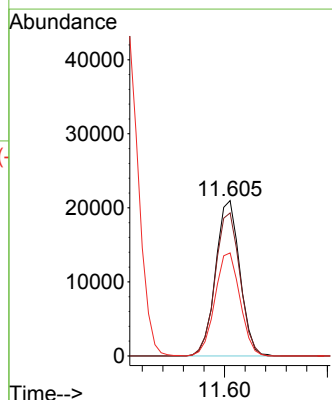
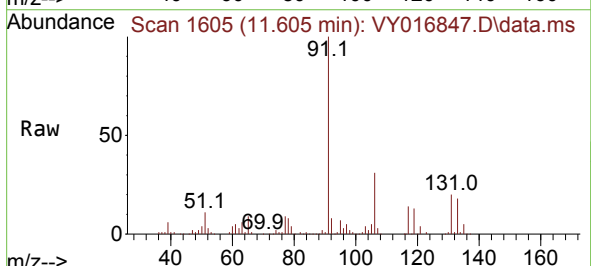
Tgt Ion:131 Resp: 34337

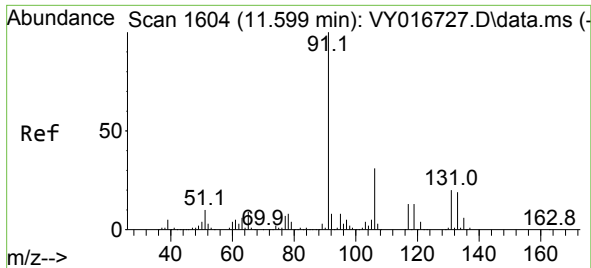
Ion Ratio Lower Upper

131 100

133 94.4 47.0 141.0

119 68.7 33.3 99.9





#67

Ethyl Benzene

Concen: 20.192 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

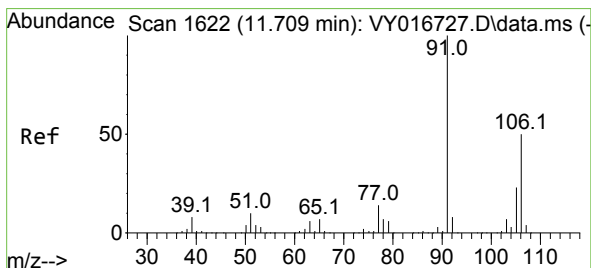
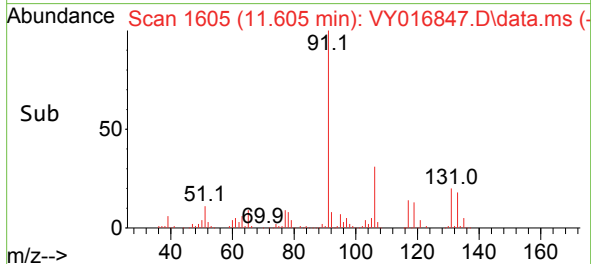
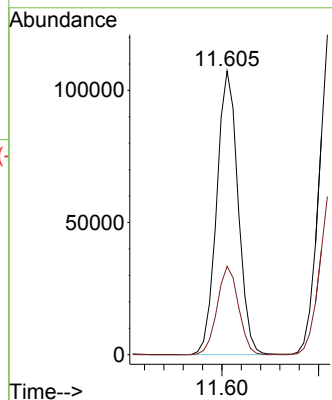
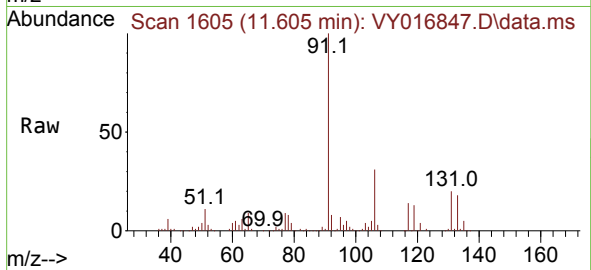
ClientSampleId :

Tgt Ion: 91 Resp: 164391

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.4



#68

m/p-Xylenes

Concen: 40.924 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016847.D

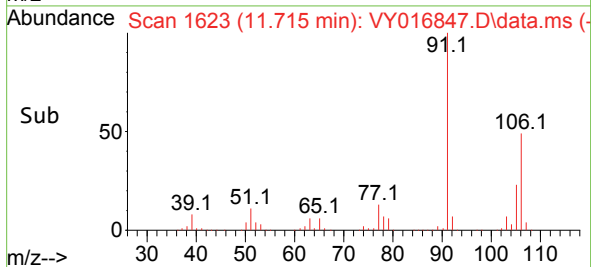
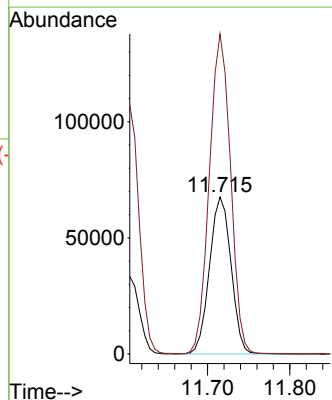
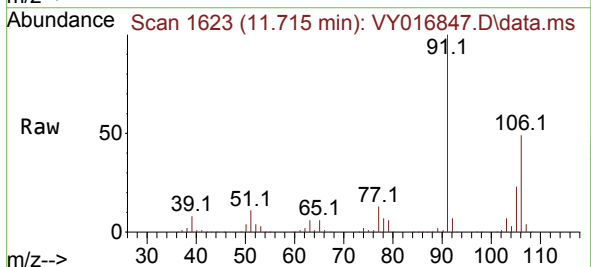
Acq: 26 Dec 2023 12:26

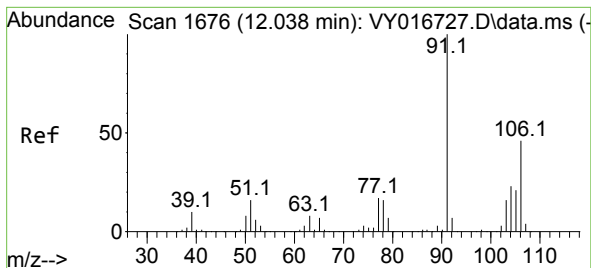
Tgt Ion:106 Resp: 123030

Ion Ratio Lower Upper

106 100

91 201.2 160.7 241.1





#69

o-Xylene

Concen: 20.174 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

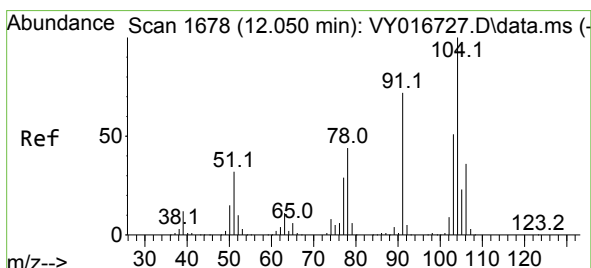
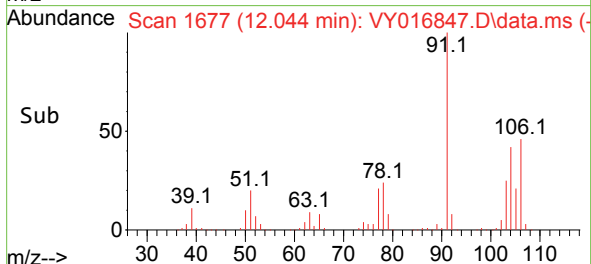
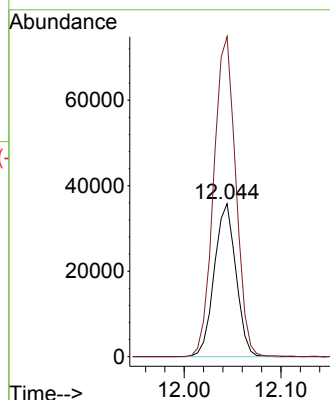
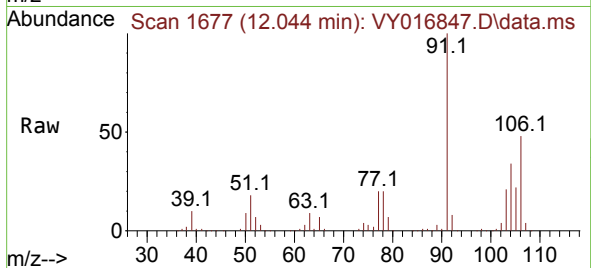
ClientSampleId :

Tgt Ion:106 Resp: 55641

Ion Ratio Lower Upper

106 100

91 213.7 106.5 319.5



#70

Styrene

Concen: 20.200 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

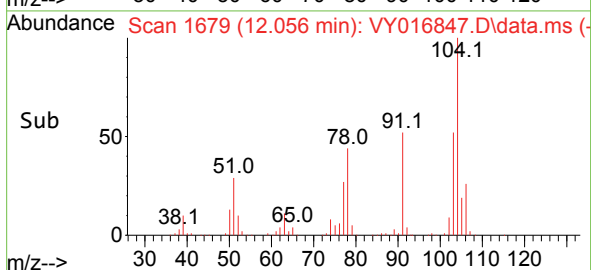
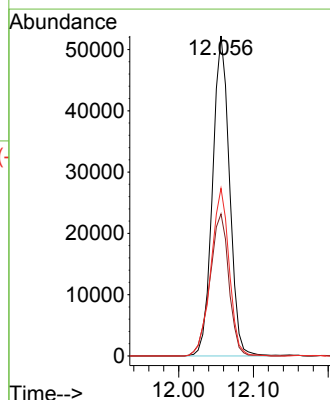
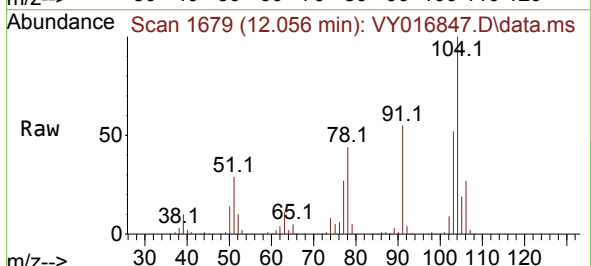
Tgt Ion:104 Resp: 82440

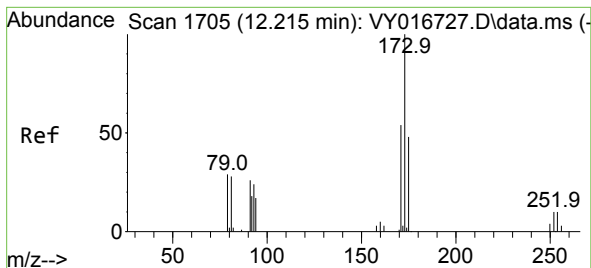
Ion Ratio Lower Upper

104 100

78 49.6 39.2 58.8

103 56.1 43.8 65.6





#71

Bromoform

Concen: 20.968 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

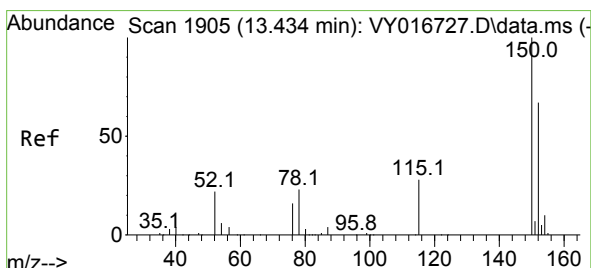
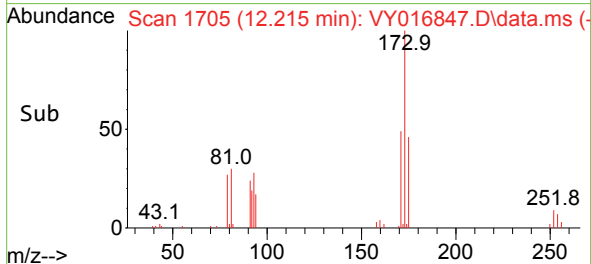
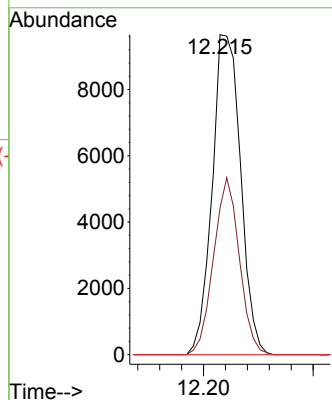
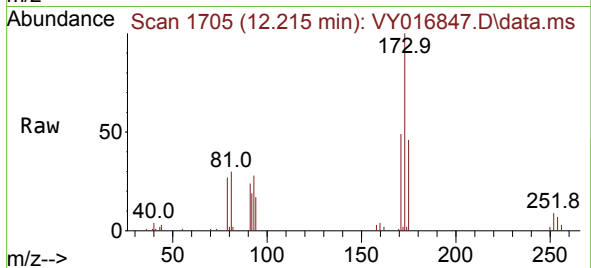
Tgt Ion:173 Resp: 17397

Ion Ratio Lower Upper

173 100

175 50.1 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

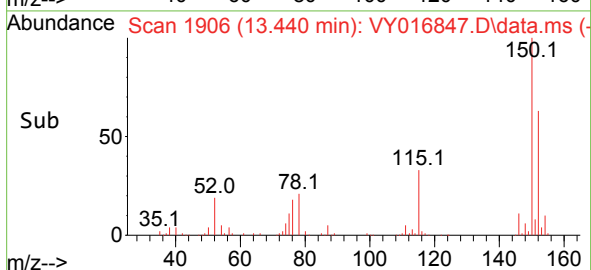
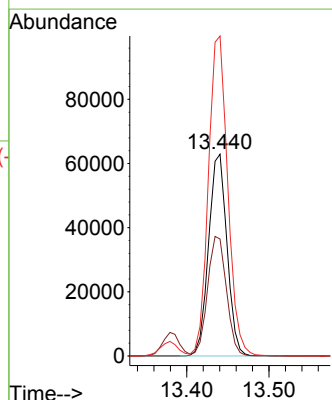
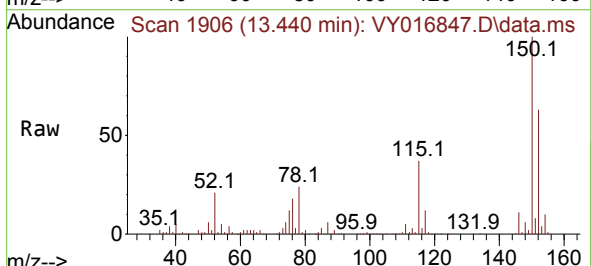
Tgt Ion:152 Resp: 97907

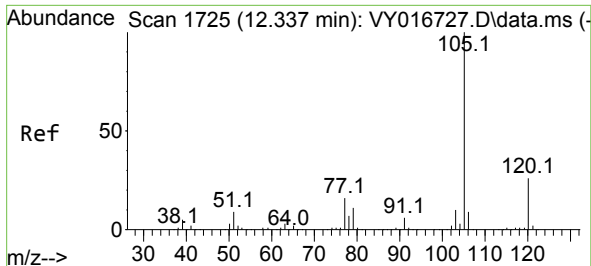
Ion Ratio Lower Upper

152 100

115 60.8 30.0 90.0

150 166.3 0.0 344.6

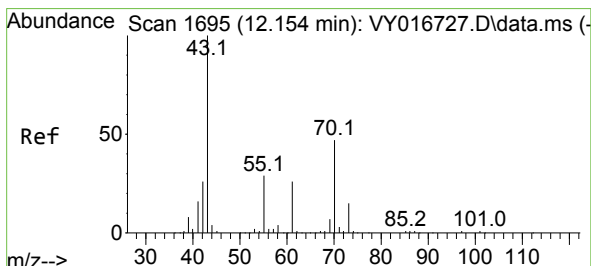
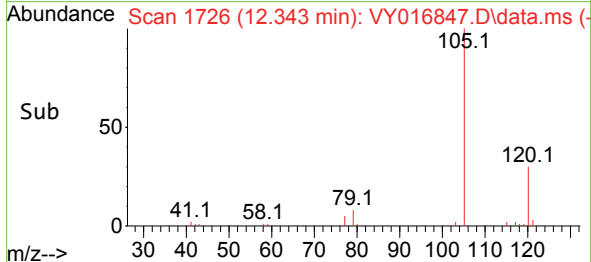
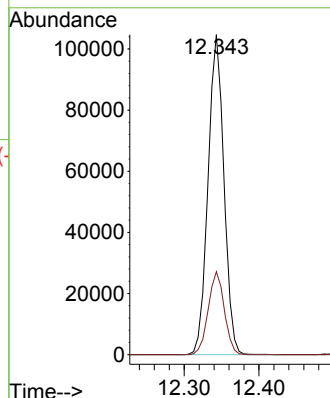
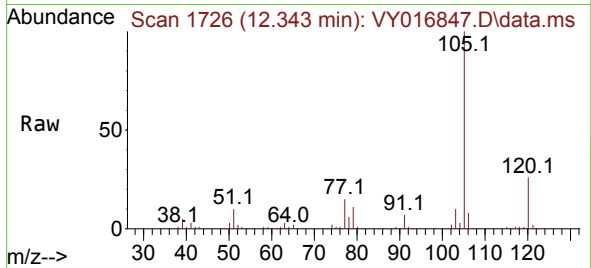




#73
Isopropylbenzene
Concen: 20.248 ug/l
RT: 12.343 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

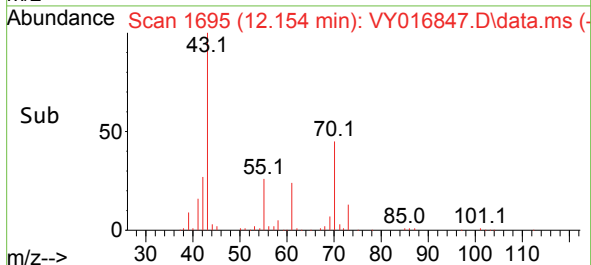
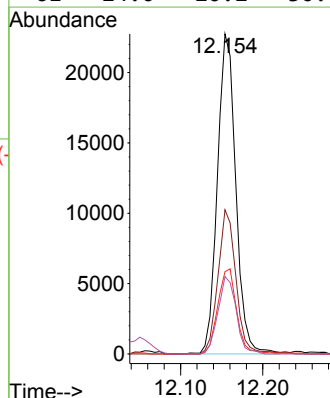
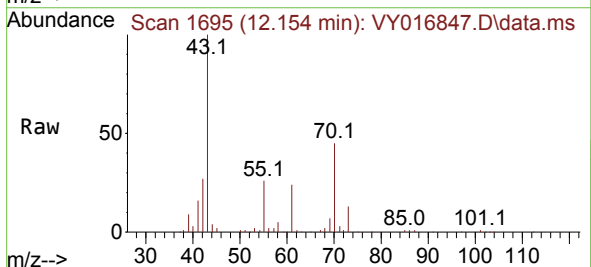
Instrument :
MSVOA_Y
ClientSampleId :

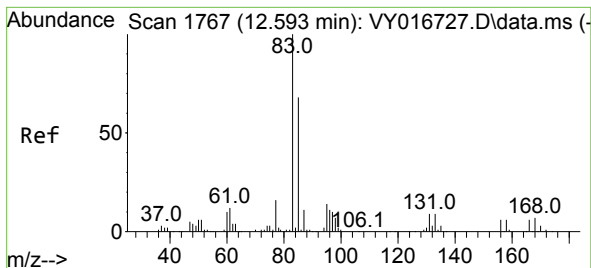
Tgt Ion:105 Resp: 154397
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 22.066 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 43 Resp: 35311
Ion Ratio Lower Upper
43 100
70 44.3 36.6 55.0
55 27.6 22.2 33.4
61 24.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.452 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

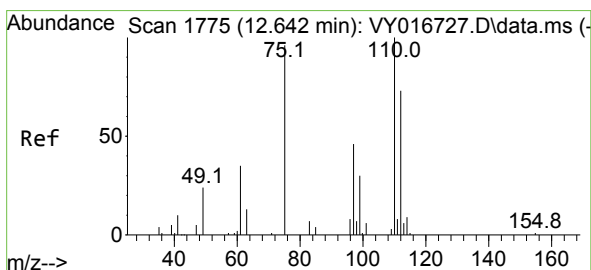
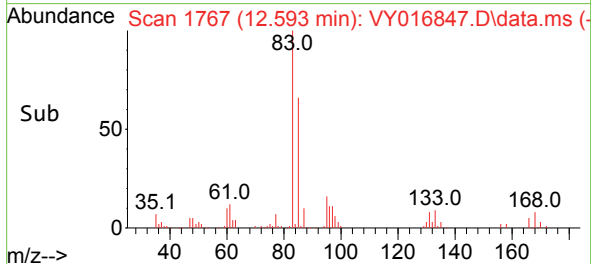
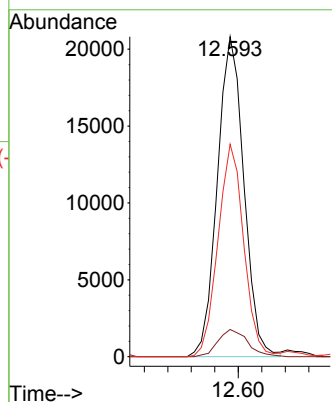
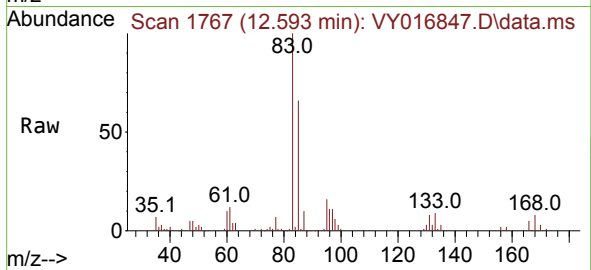
Tgt Ion: 83 Resp: 32688

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.6

85 64.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 35.507 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016847.D

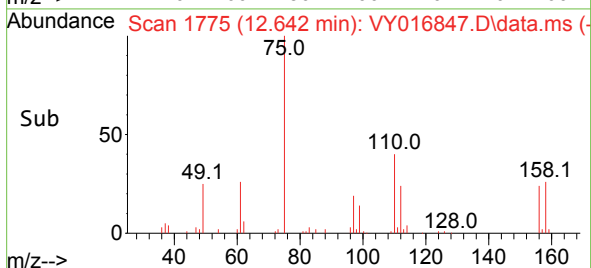
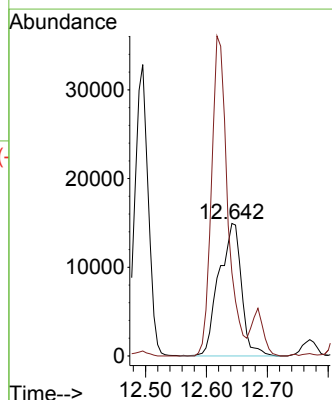
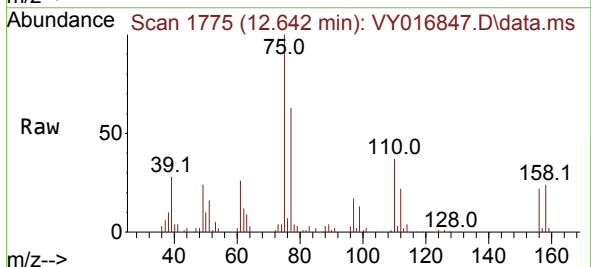
Acq: 26 Dec 2023 12:26

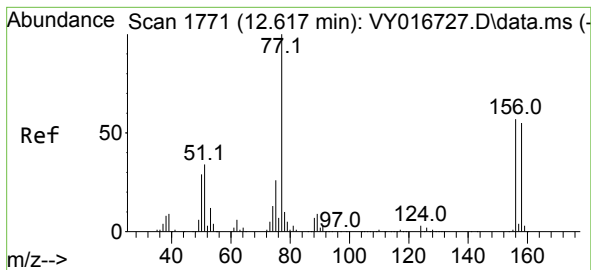
Tgt Ion: 75 Resp: 38430

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.271 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

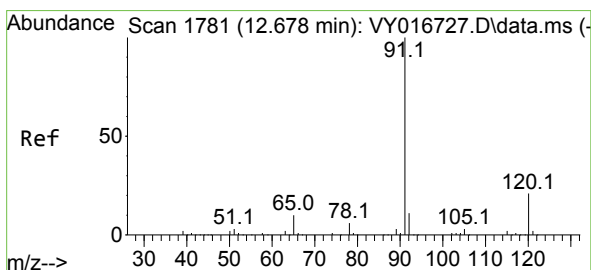
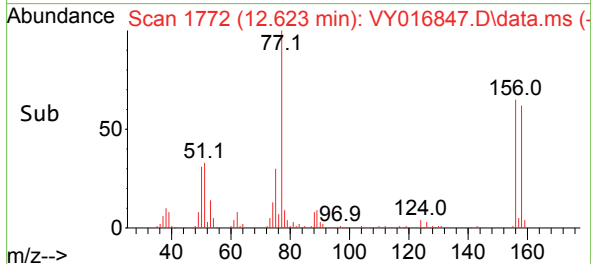
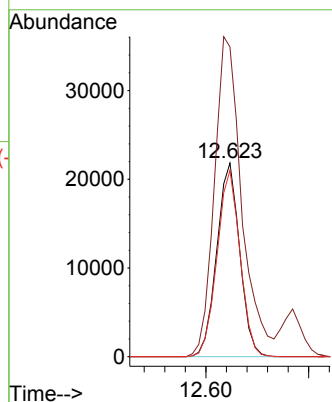
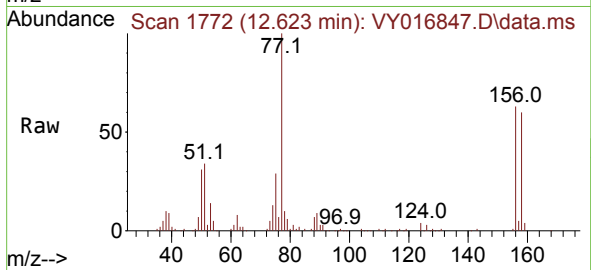
Tgt Ion:156 Resp: 33720

Ion Ratio Lower Upper

156 100

77 197.8 97.3 291.8

158 96.6 48.4 145.0



#78

n-propylbenzene

Concen: 20.684 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016847.D

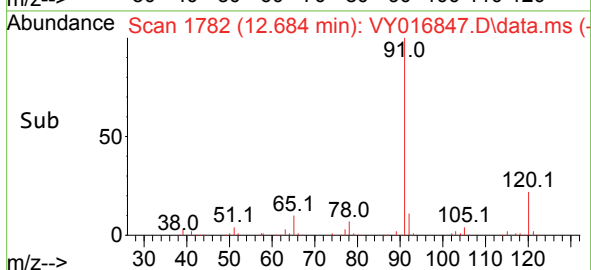
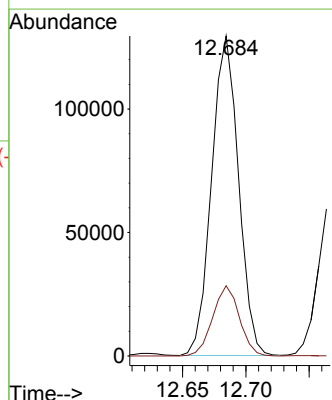
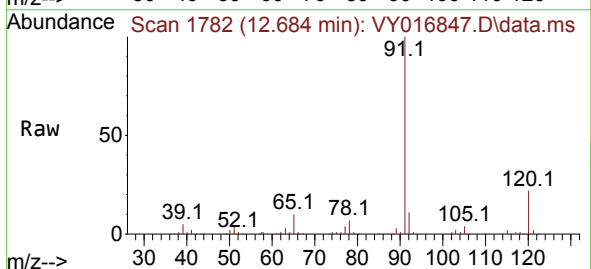
Acq: 26 Dec 2023 12:26

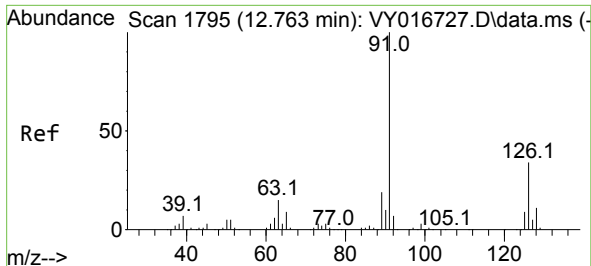
Tgt Ion: 91 Resp: 191094

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0

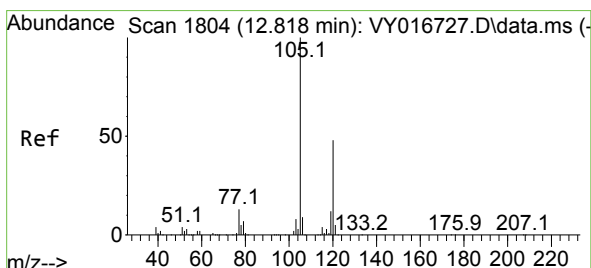
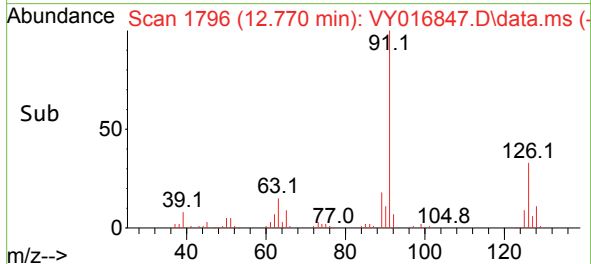
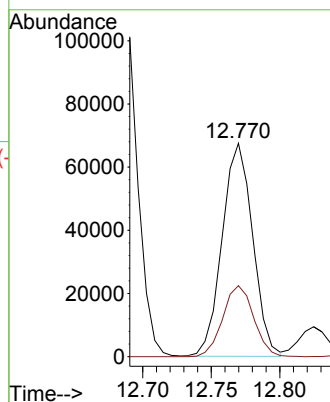
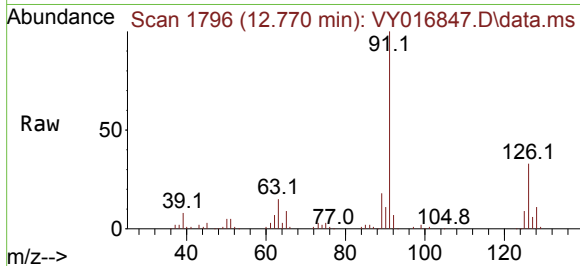




#79
2-Chlorotoluene
Concen: 20.462 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

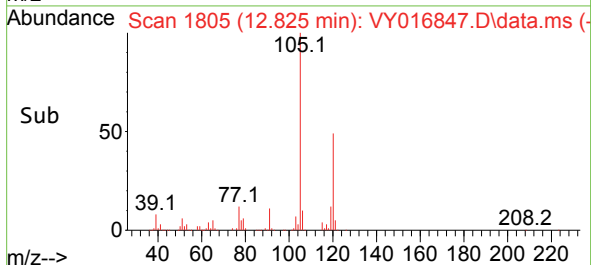
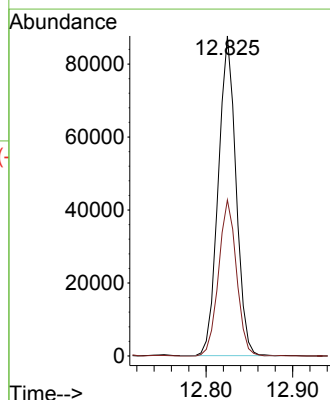
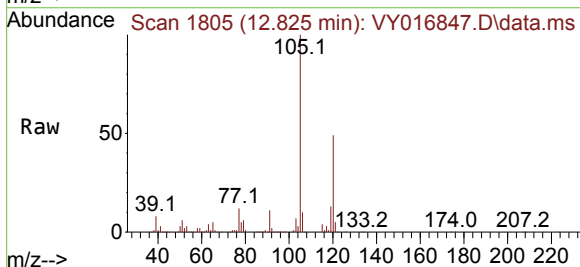
Instrument :
MSVOA_Y
ClientSampleId :

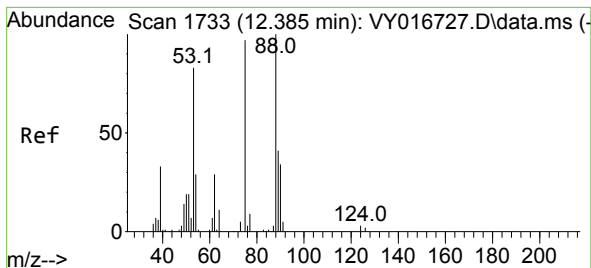
Tgt Ion: 91 Resp: 104602
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.598 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion:105 Resp: 124329
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8

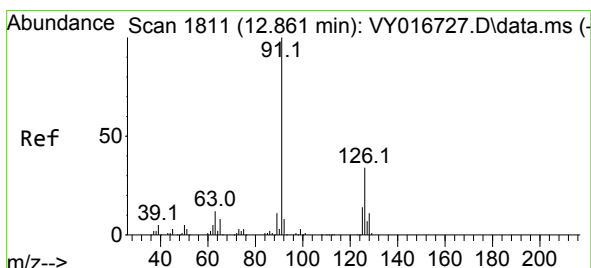
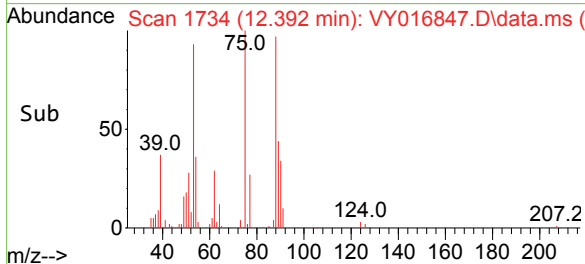
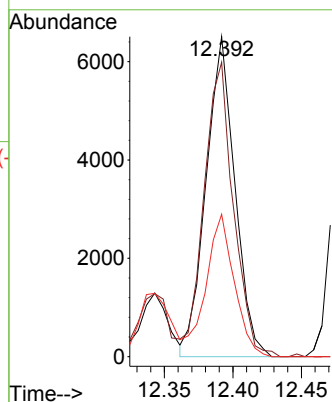
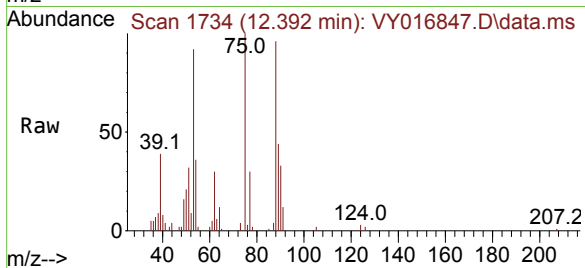




#81
trans-1,4-Dichloro-2-butene
Concen: 20.694 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

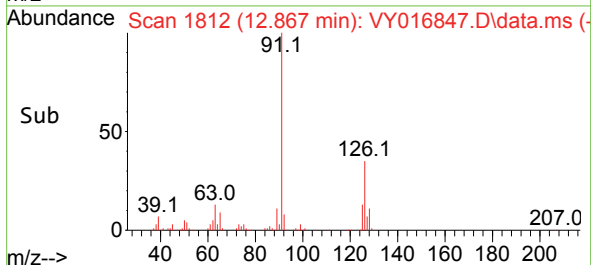
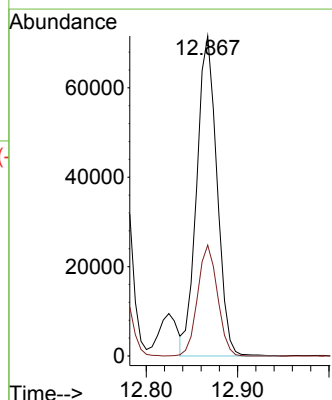
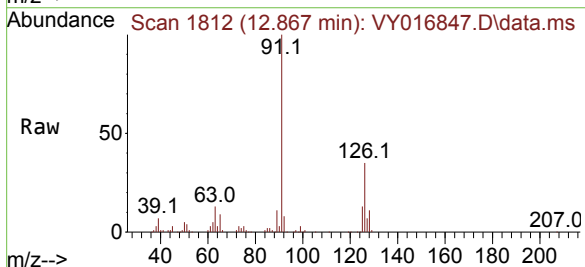
Instrument :
MSVOA_Y
ClientSampleId :

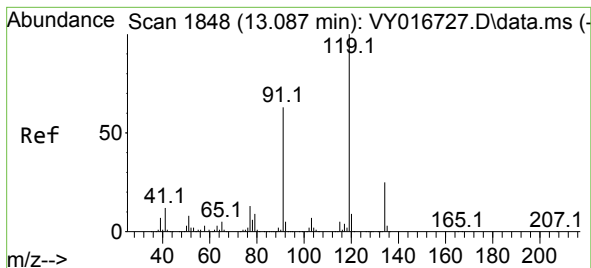
Tgt Ion: 75 Resp: 9537
Ion Ratio Lower Upper
75 100
53 93.3 74.0 111.0
89 43.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.958 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

Tgt Ion: 91 Resp: 109912
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.544 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

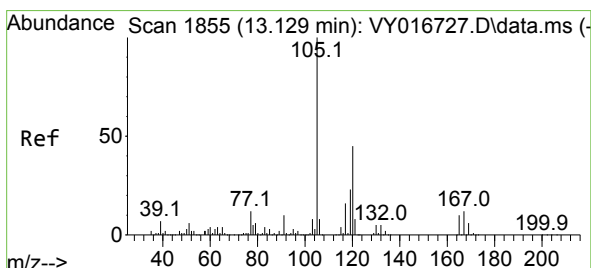
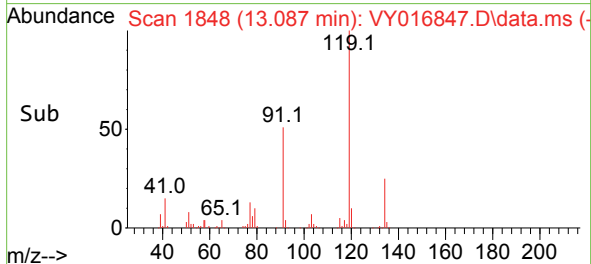
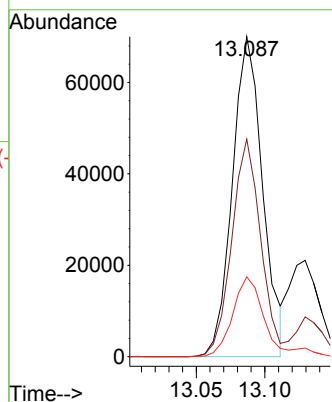
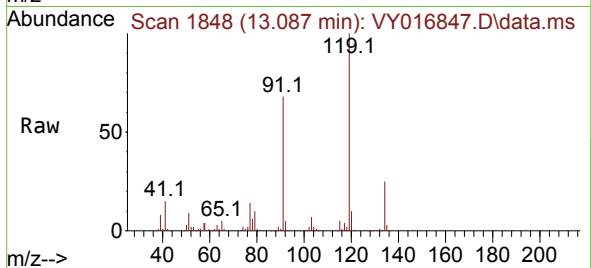
Tgt Ion:119 Resp: 107864

Ion Ratio Lower Upper

119 100

91 64.6 31.5 94.5

134 26.7 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.794 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016847.D

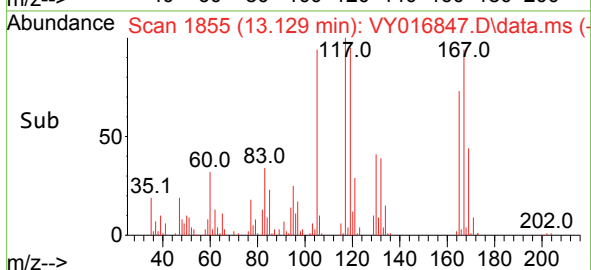
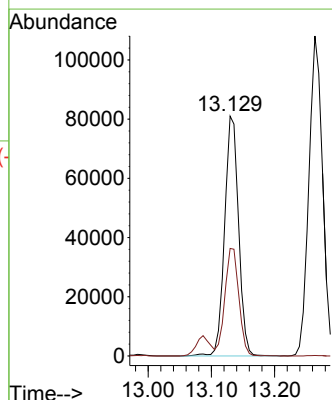
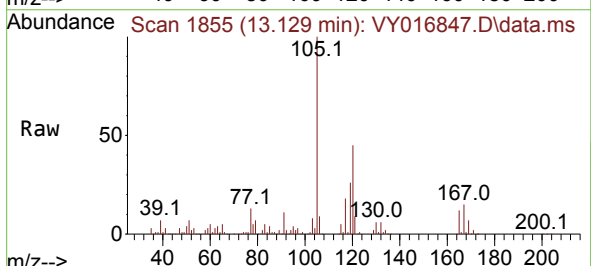
Acq: 26 Dec 2023 12:26

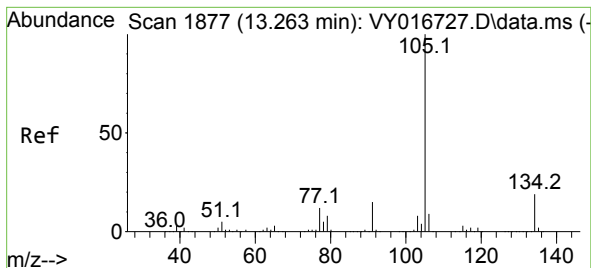
Tgt Ion:105 Resp: 123764

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.799 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

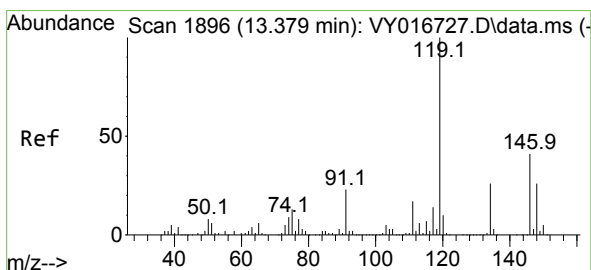
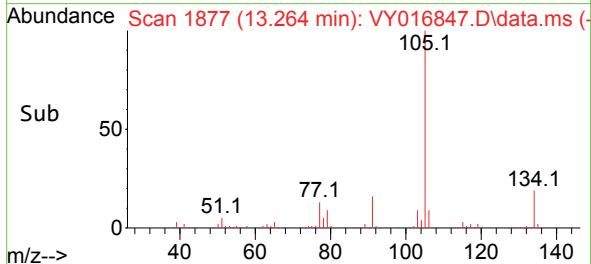
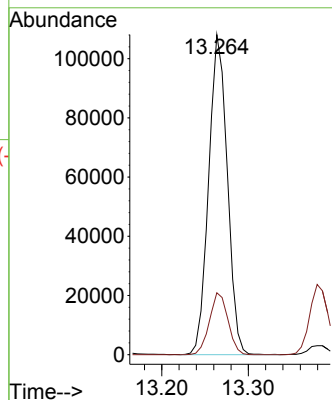
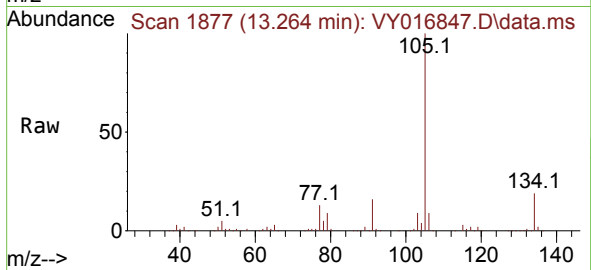
ClientSampleId :

Tgt Ion:105 Resp: 161744

Ion Ratio Lower Upper

105 100

134 19.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.736 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

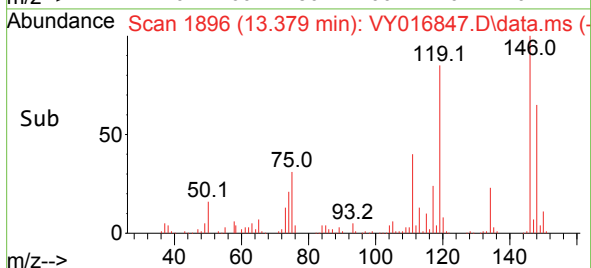
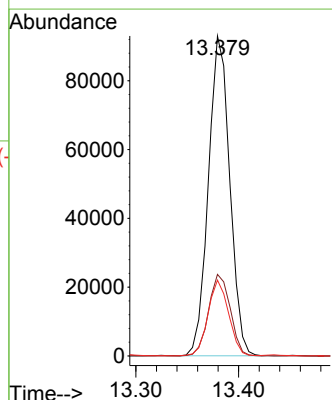
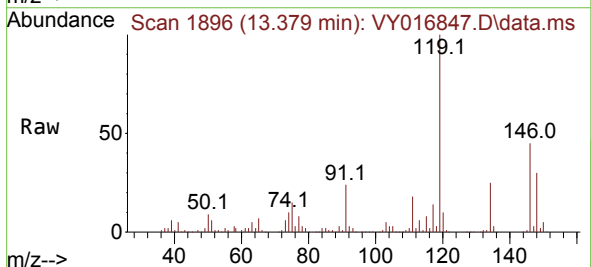
Tgt Ion:119 Resp: 134289

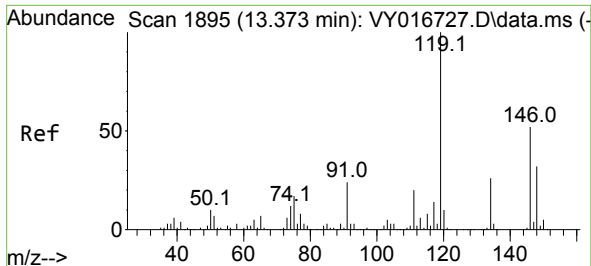
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 22.7 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.631 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

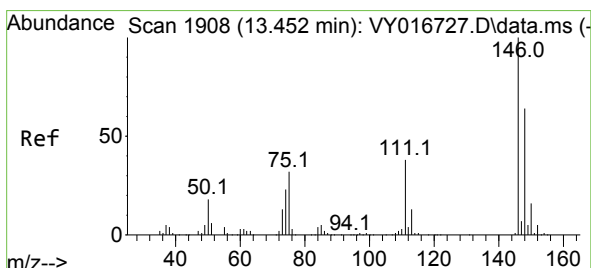
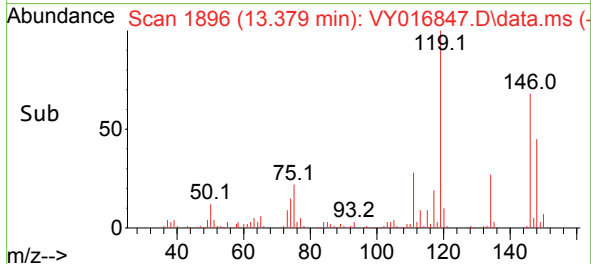
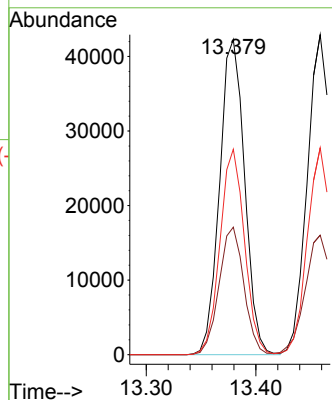
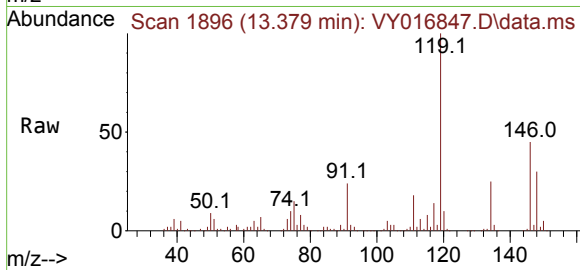
Tgt Ion:146 Resp: 67070

Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.5

148 63.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.929 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

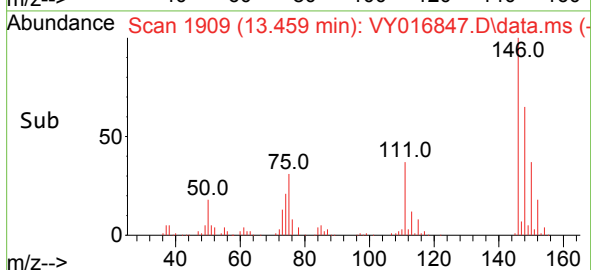
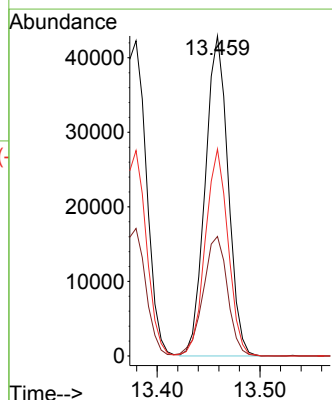
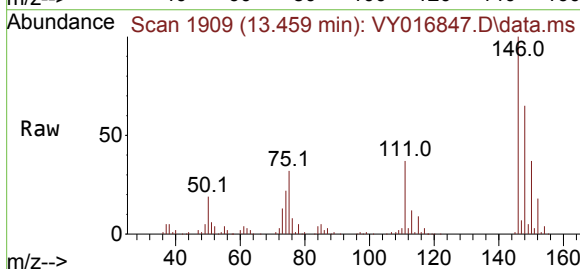
Tgt Ion:146 Resp: 66437

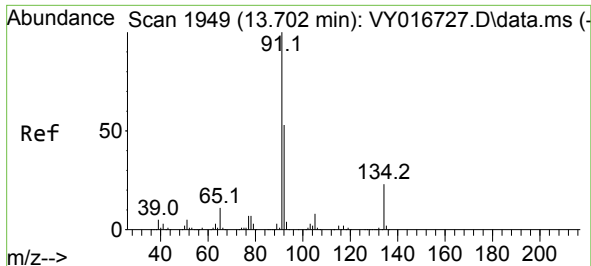
Ion Ratio Lower Upper

146 100

111 39.8 19.3 57.9

148 64.2 31.6 94.7

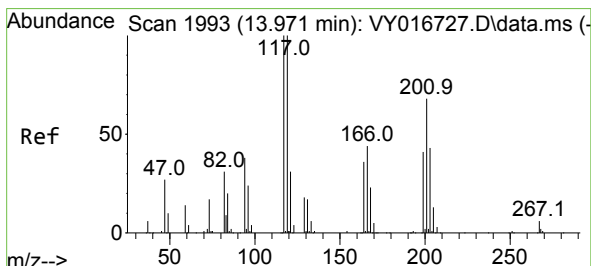
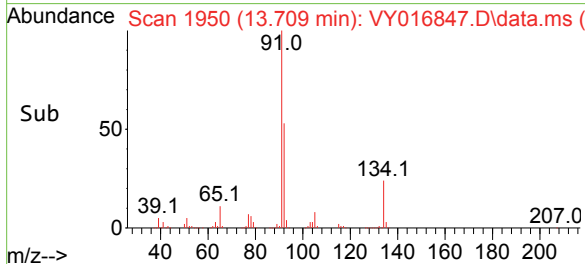
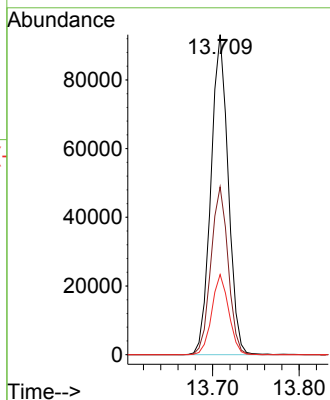
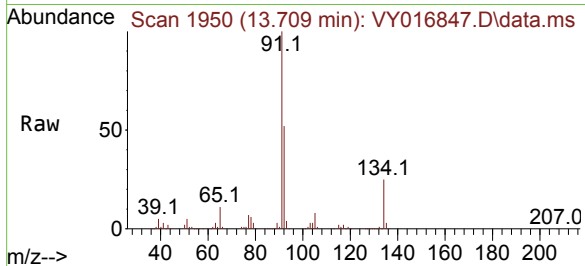




#89
n-Butylbenzene
Concen: 20.877 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

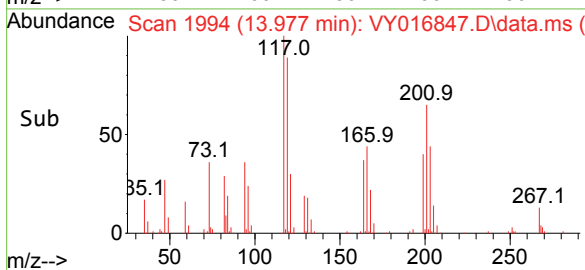
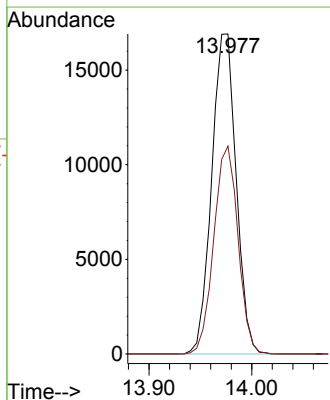
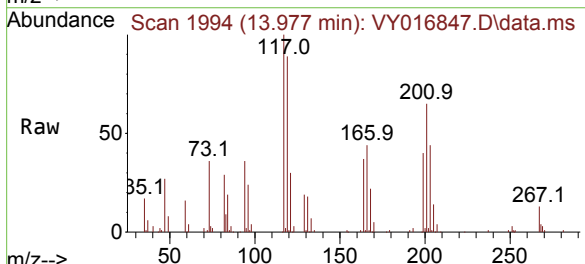
Instrument :
MSVOA_Y
ClientSampleId :

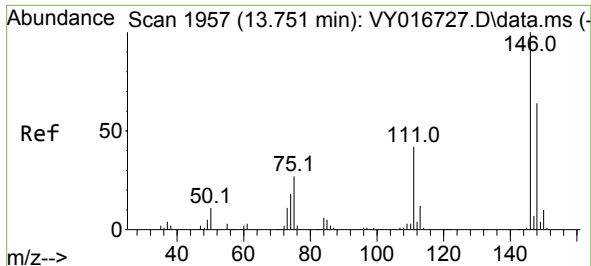
Tgt Ion: 91 Resp: 129246
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.2
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 20.738 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY016847.D
Acq: 26 Dec 2023 12:26

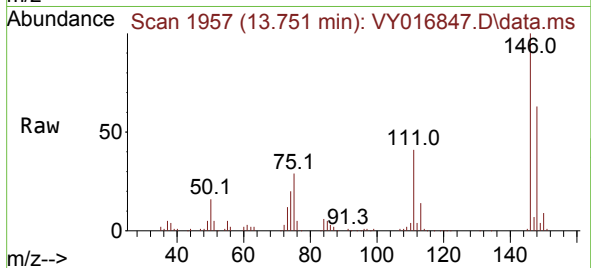
Tgt Ion: 117 Resp: 27966
Ion Ratio Lower Upper
117 100
201 64.2 33.4 100.1



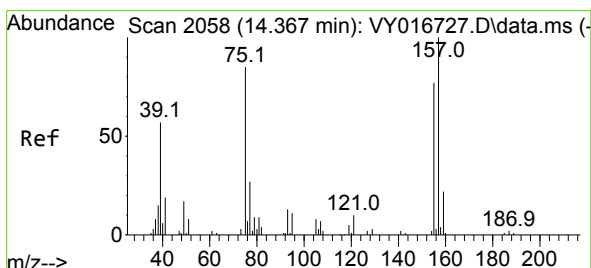
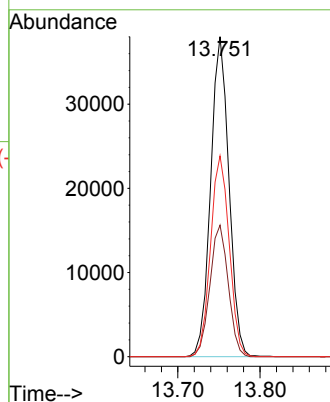
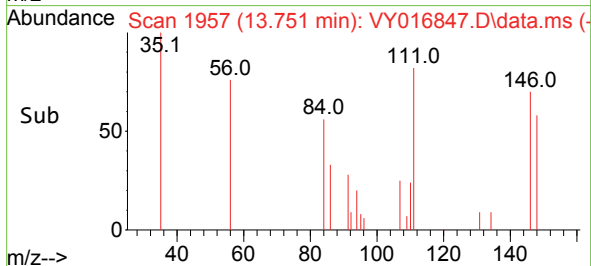


#91
 1,2-Dichlorobenzene
 Concen: 21.205 ug/l
 RT: 13.751 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VY016847.D
 Acq: 26 Dec 2023 12:26

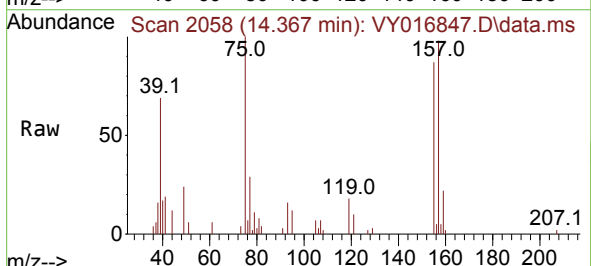
Instrument :
 MSVOA_Y
 ClientSampleId :



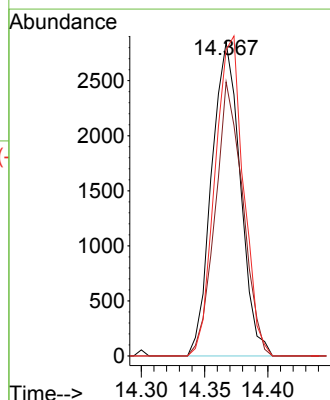
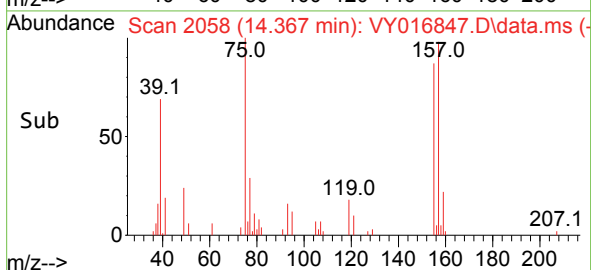
Tgt Ion:146 Resp: 58727
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.5 61.6
 148 64.0 31.4 94.3

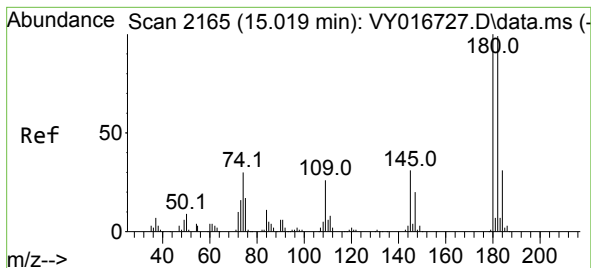


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.742 ug/l
 RT: 14.367 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VY016847.D
 Acq: 26 Dec 2023 12:26



Tgt Ion: 75 Resp: 4492
 Ion Ratio Lower Upper
 75 100
 155 83.9 42.1 126.3
 157 101.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.881 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

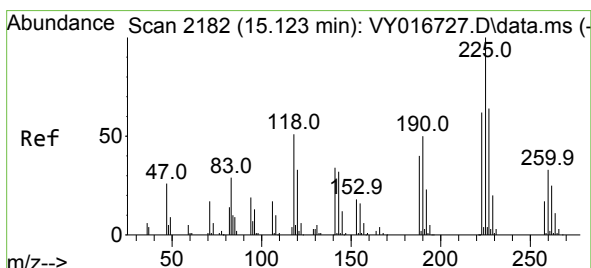
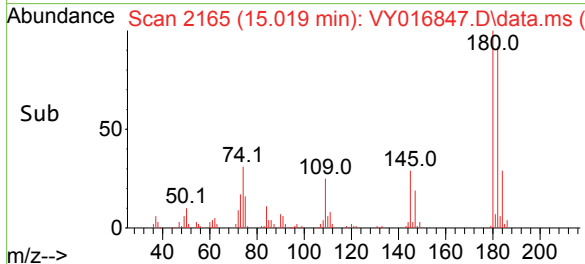
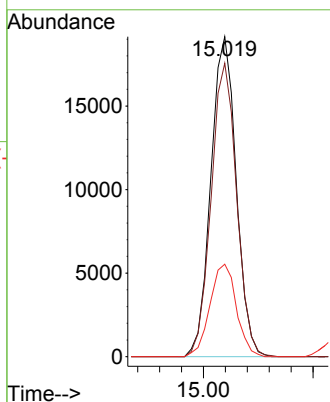
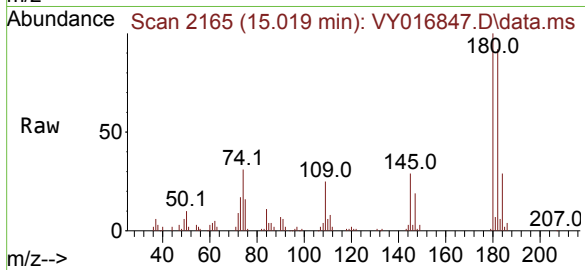
Tgt Ion:180 Resp: 30685

Ion Ratio Lower Upper

180 100

182 92.3 47.9 143.7

145 30.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.836 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

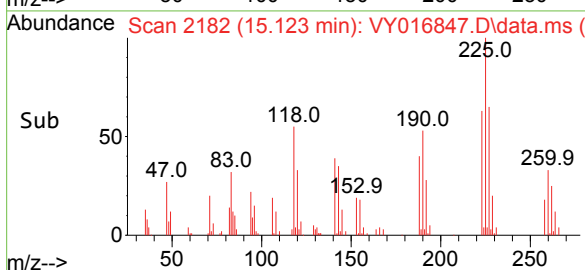
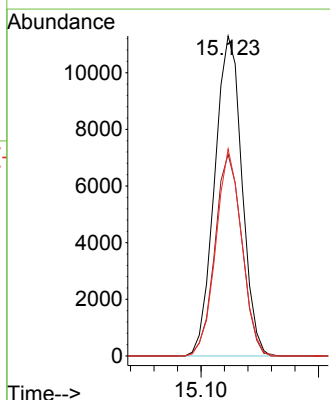
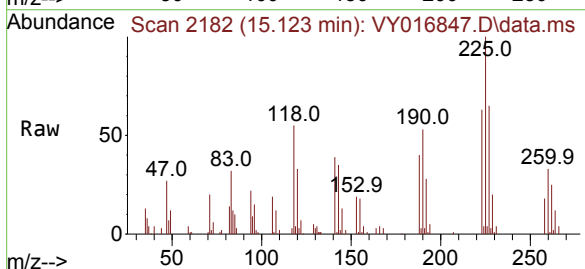
Tgt Ion:225 Resp: 18226

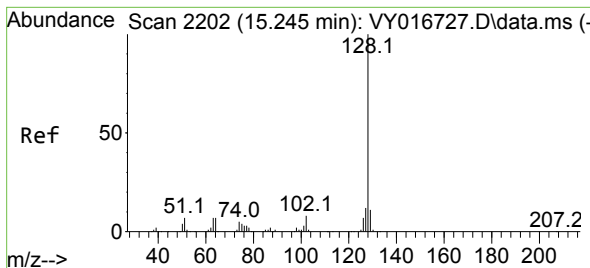
Ion Ratio Lower Upper

225 100

223 62.3 31.4 94.3

227 61.4 32.3 96.8





#95

Naphthalene

Concen: 19.694 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY016847.D

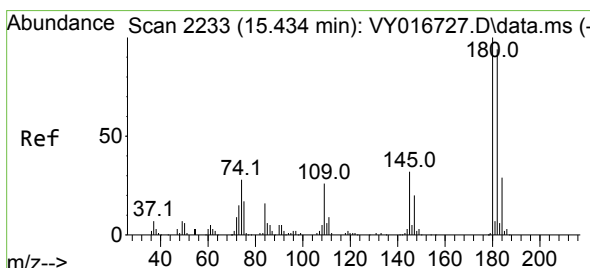
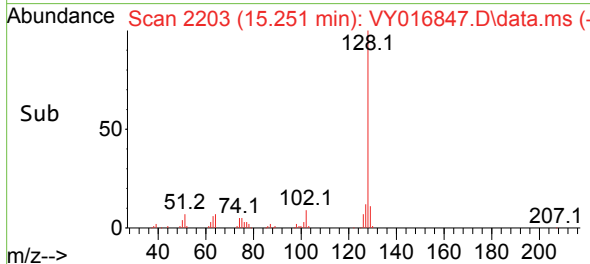
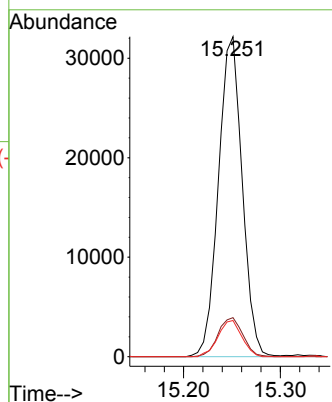
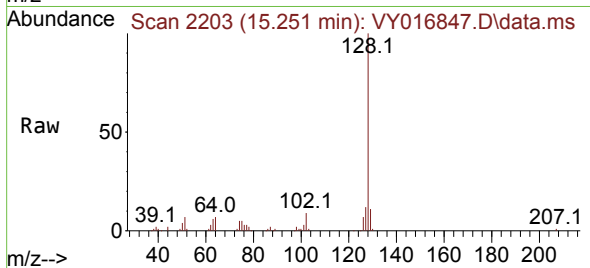
Acq: 26 Dec 2023 12:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	54876
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.2 15.4
129	11.4	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.713 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016847.D

Acq: 26 Dec 2023 12:26

Tgt Ion:180	Resp:	25923
Ion Ratio	Lower	Upper
180	100	
182	92.7	46.3 138.8
145	32.0	16.1 48.2

