

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019248.D
 Acq On : 23 Aug 2024 11:28
 Operator : SY/MD
 Sample : VY0823SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 22:54:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	112102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	177279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	156588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	77510	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	54285	48.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.620%
35) Dibromofluoromethane	7.628	113	57107	49.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.540%
50) Toluene-d8	10.103	98	206972	49.617	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.408	95	69035	48.547	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	15982	19.432	ug/l	93
3) Chloromethane	2.068	50	24156	16.294	ug/l	96
4) Vinyl Chloride	2.202	62	31127	16.998	ug/l	99
5) Bromomethane	2.586	94	24897	18.549	ug/l	98
6) Chloroethane	2.726	64	21500	17.228	ug/l	99
7) Trichlorofluoromethane	3.043	101	49707	17.954	ug/l	96
8) Diethyl Ether	3.446	74	10967	18.352	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.812	101	23275	18.910	ug/l	97
10) Methyl Iodide	4.001	142	20430	16.935	ug/l	94
11) Tert butyl alcohol	4.817	59	15777	147.825	ug/l	99
12) 1,1-Dichloroethene	3.781	96	21654	19.365	ug/l	83
13) Acrolein	3.641	56	8585	89.033	ug/l	96
14) Allyl chloride	4.372	41	27766	18.676	ug/l	92
15) Acrylonitrile	5.043	53	23411	95.744	ug/l	97
16) Acetone	3.860	43	19714	94.597	ug/l	96
17) Carbon Disulfide	4.098	76	56041	17.768	ug/l	98
18) Methyl Acetate	4.372	43	12289	19.214	ug/l	95
19) Methyl tert-butyl Ether	5.098	73	52247	19.272	ug/l	94
20) Methylene Chloride	4.604	84	28653	14.975	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	23800	19.051	ug/l	94
22) Diisopropyl ether	6.006	45	63733	18.726	ug/l	93
23) Vinyl Acetate	5.945	43	248618	92.266	ug/l	98
24) 1,1-Dichloroethane	5.903	63	40275	19.350	ug/l	96
25) 2-Butanone	6.884	43	31005	92.381	ug/l #	87
26) 2,2-Dichloropropane	6.878	77	33117	19.648	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	28754	19.558	ug/l	99
28) Bromochloromethane	7.238	49	17353	19.875	ug/l	98
29) Tetrahydrofuran	7.256	42	19352	89.698	ug/l	94
30) Chloroform	7.415	83	45157	19.470	ug/l	94
31) Cyclohexane	7.689	56	33223	17.923	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	40572	19.906	ug/l	96
36) 1,1-Dichloropropene	7.829	75	31078	19.525	ug/l	99
37) Ethyl Acetate	6.970	43	14594	20.694	ug/l	97
38) Carbon Tetrachloride	7.805	117	36912	20.010	ug/l	96
39) Methylcyclohexane	9.103	83	39527	19.351	ug/l	98
40) Benzene	8.073	78	97147	19.900	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	7704	20.015	ug/l	89
42) 1,2-Dichloroethane	8.146	62	26218	19.888	ug/l	100
43) Isopropyl Acetate	8.189	43	26621	18.665	ug/l #	83
44) Trichloroethene	8.859	130	26323	19.325	ug/l	99
45) 1,2-Dichloropropane	9.134	63	21262	19.548	ug/l	94
46) Dibromomethane	9.225	93	14456	20.492	ug/l	99
47) Bromodichloromethane	9.420	83	34463	19.912	ug/l #	88
48) Methyl methacrylate	9.219	41	11848	18.640	ug/l	93
49) 1,4-Dioxane	9.219	88	3401	397.981	ug/l #	99
51) 4-Methyl-2-Pentanone	9.993	43	72077	95.217	ug/l	94
52) Toluene	10.170	92	64746	20.205	ug/l	94
53) t-1,3-Dichloropropene	10.396	75	28732	20.012	ug/l	93
54) cis-1,3-Dichloropropene	9.853	75	34406	19.927	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	18437	20.302	ug/l #	90
56) Ethyl methacrylate	10.438	69	22667	19.069	ug/l #	85
57) 1,3-Dichloropropane	10.713	76	30869	20.851	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	56072	99.433	ug/l	98
59) 2-Hexanone	10.762	43	49095	94.403	ug/l	94
60) Dibromochloromethane	10.908	129	25452	20.577	ug/l	98
61) 1,2-Dibromoethane	11.011	107	17680	20.142	ug/l	100
64) Tetrachloroethene	10.646	164	28029	20.479	ug/l	91
65) Chlorobenzene	11.444	112	70145	19.454	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	25612	20.199	ug/l	95
67) Ethyl Benzene	11.518	91	120488	19.253	ug/l	96
68) m/p-Xylenes	11.627	106	96125	38.710	ug/l	98
69) o-Xylene	11.956	106	44959	19.551	ug/l	99
70) Styrene	11.969	104	75596	19.278	ug/l	97
71) Bromoform	12.133	173	14795	20.412	ug/l #	98
73) Isopropylbenzene	12.255	105	117969	19.858	ug/l	100
74) N-amyl acetate	12.072	43	23222	17.926	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	19328	18.275	ug/l	95
76) 1,2,3-Trichloropropane	12.560	75	25497	33.356	ug/l #	100
77) Bromobenzene	12.536	156	28483	19.964	ug/l	94
78) n-propylbenzene	12.597	91	141193	19.881	ug/l	98
79) 2-Chlorotoluene	12.682	91	78928	19.823	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	95754	19.785	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	5775	18.658	ug/l #	82
82) 4-Chlorotoluene	12.779	91	82176	19.838	ug/l	99
83) tert-Butylbenzene	12.999	119	88074	19.706	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	96033	19.909	ug/l	99
85) sec-Butylbenzene	13.176	105	130567	20.047	ug/l	98
86) p-Isopropyltoluene	13.292	119	107342	20.065	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	56336	20.022	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	56033	20.034	ug/l	99
89) n-Butylbenzene	13.621	91	96162	19.716	ug/l	99
90) Hexachloroethane	13.883	117	21234	20.137	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	49123	19.851	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2618	16.826	ug/l	91
93) 1,2,4-Trichlorobenzene	14.925	180	26058	18.672	ug/l	99
94) Hexachlorobutadiene	15.029	225	15190	20.897	ug/l	98
95) Naphthalene	15.145	128	43277	17.376	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	22568	19.174	ug/l	99

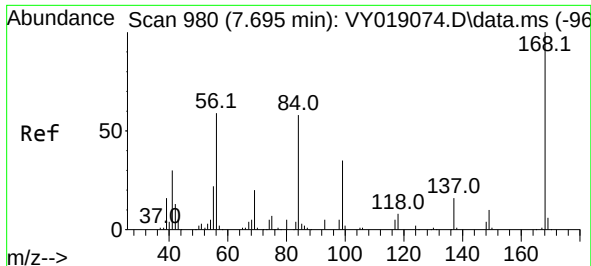
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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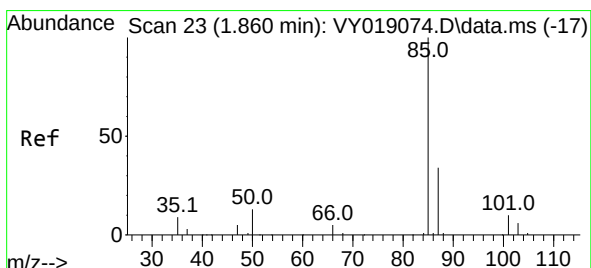
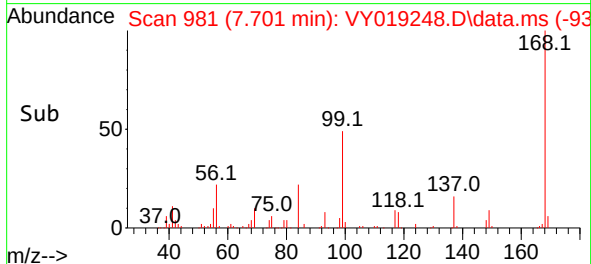
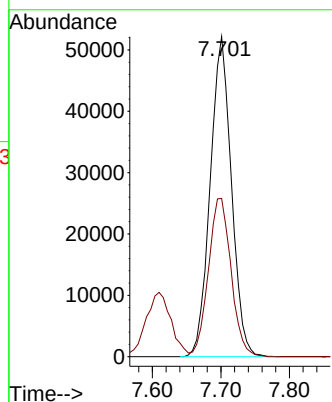
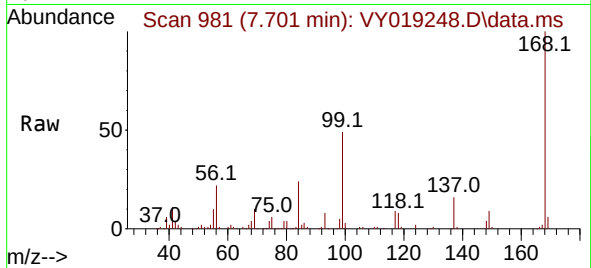
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

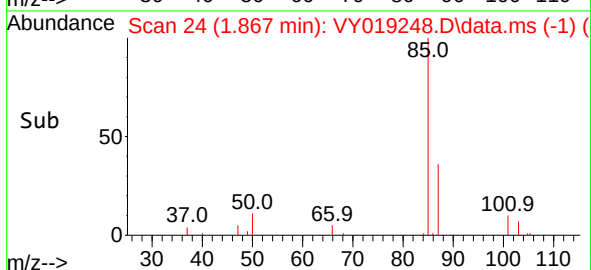
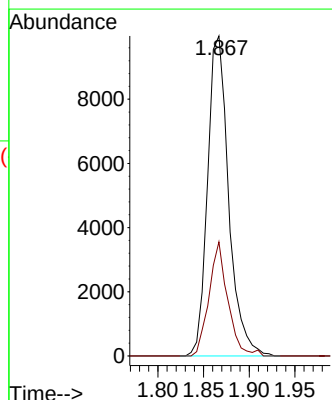
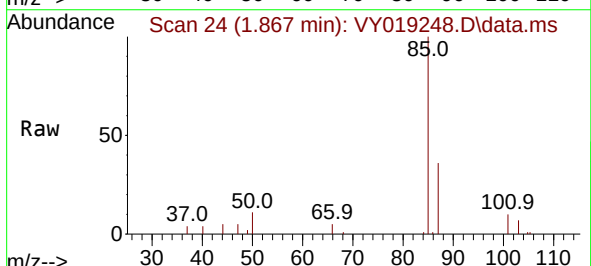
Instrument :
MSVOA_Y
ClientSampleId :

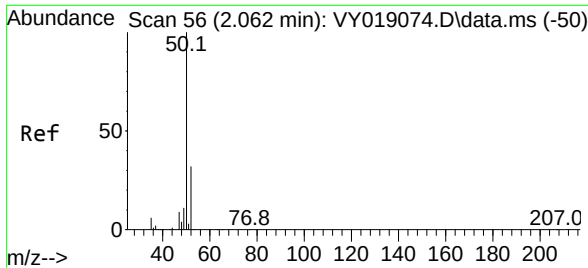
Tgt Ion:168 Resp: 112102
Ion Ratio Lower Upper
168 100
99 49.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 19.432 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 85 Resp: 15982
Ion Ratio Lower Upper
85 100
87 35.7 16.0 48.0

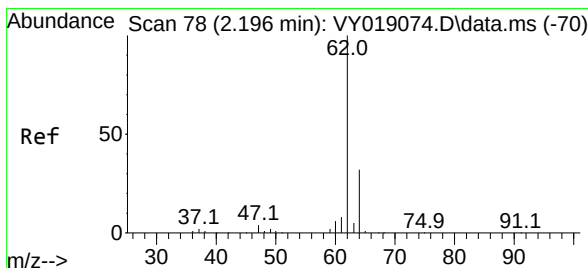
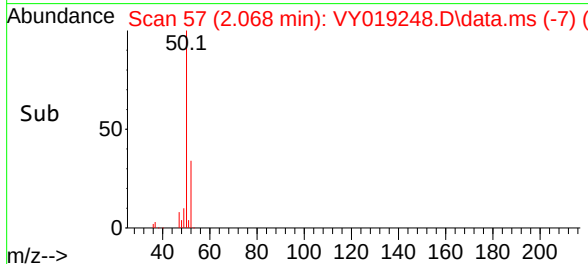
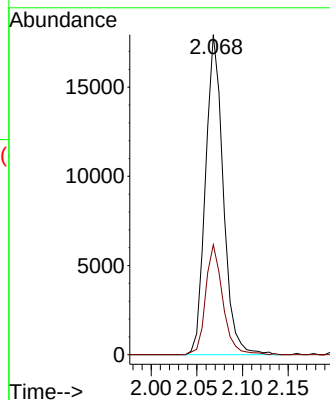
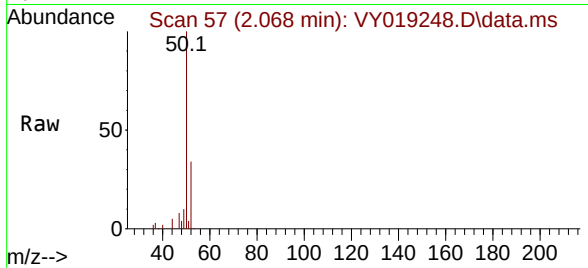




#3
Chloromethane
Concen: 16.294 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

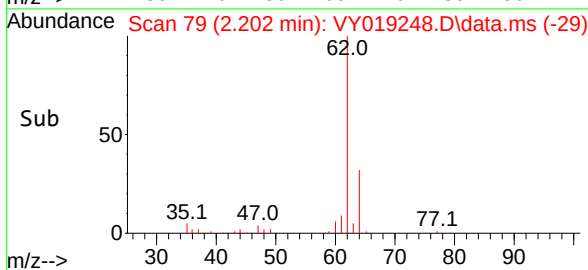
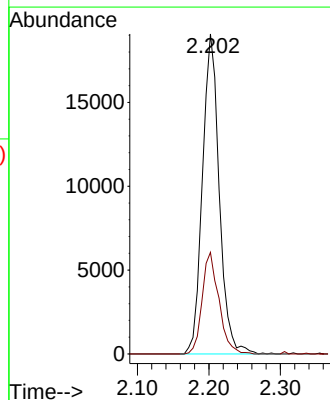
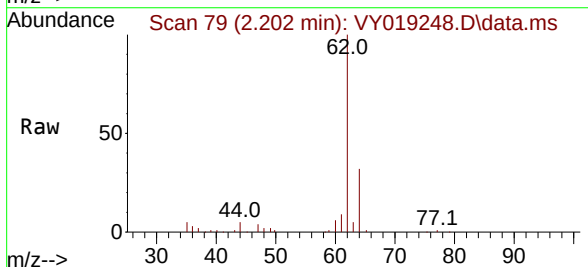
Instrument :
MSVOA_Y
ClientSampleId :

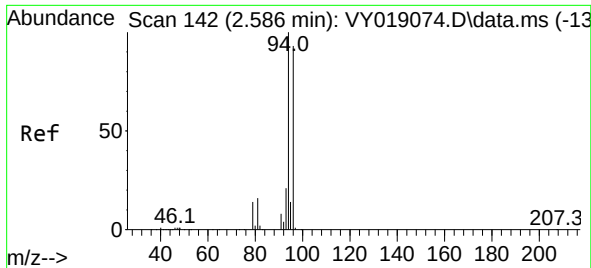
Tgt Ion: 50 Resp: 24156
Ion Ratio Lower Upper
50 100
52 34.3 25.6 38.4



#4
Vinyl Chloride
Concen: 16.998 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 62 Resp: 31127
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1

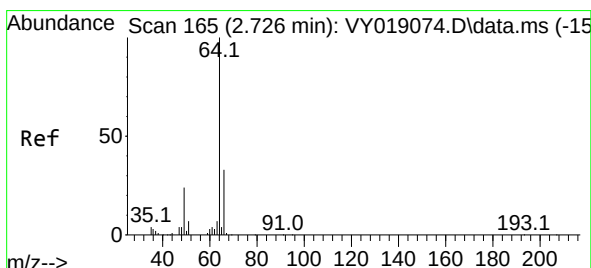
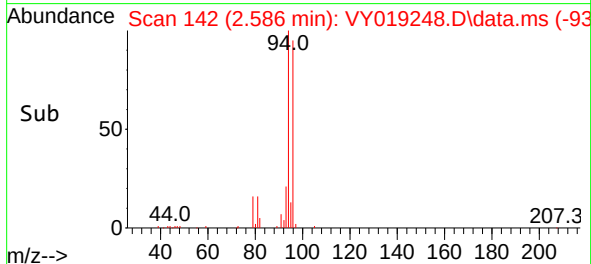
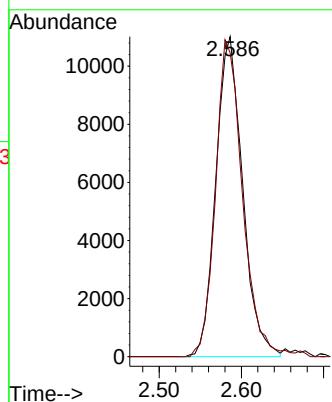
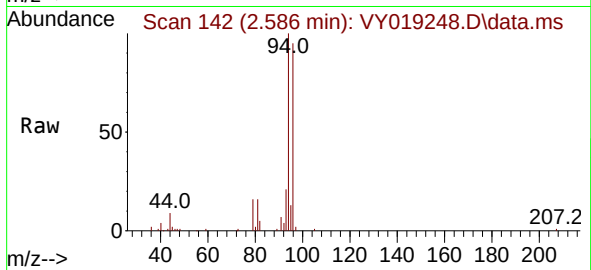




#5
Bromomethane
Concen: 18.549 ug/l
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

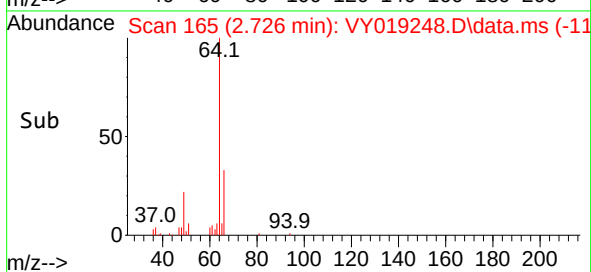
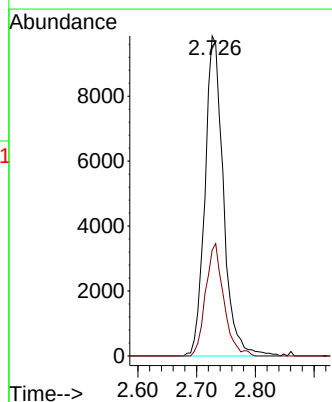
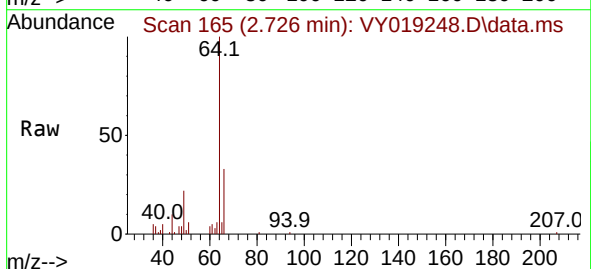
Instrument :
MSVOA_Y
ClientSampleId :

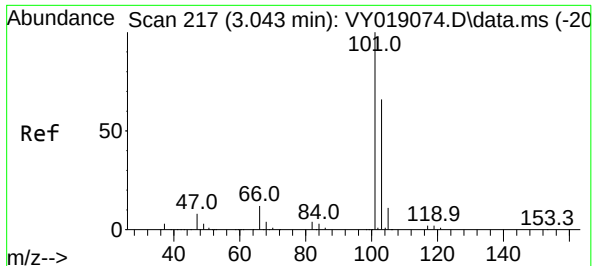
Tgt Ion: 94 Resp: 24897
Ion Ratio Lower Upper
94 100
96 95.0 74.1 111.1



#6
Chloroethane
Concen: 17.228 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 64 Resp: 21500
Ion Ratio Lower Upper
64 100
66 33.1 26.1 39.1

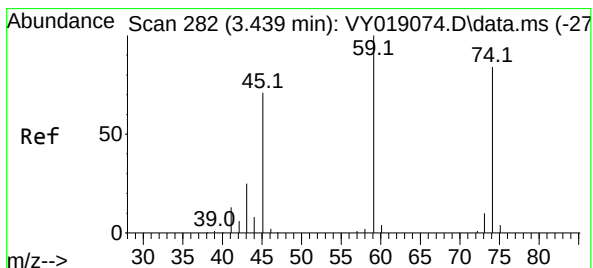
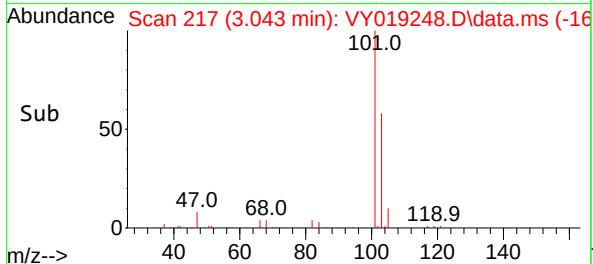
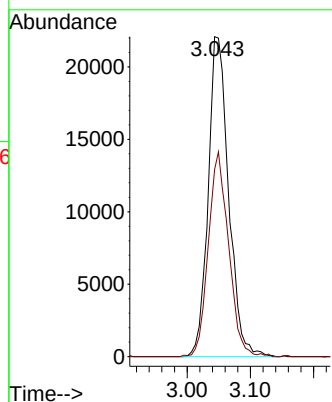
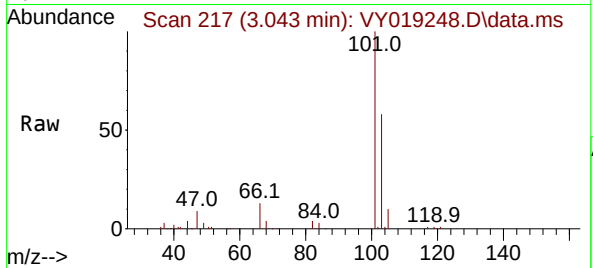




#7
 Trichlorofluoromethane
 Concen: 17.954 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY019248.D
 Acq: 23 Aug 2024 11:28

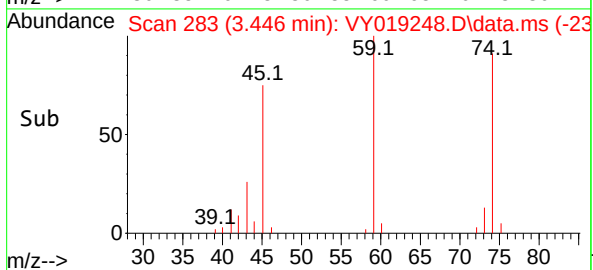
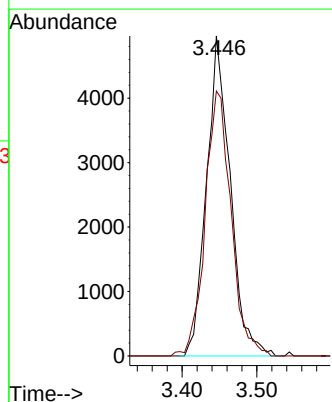
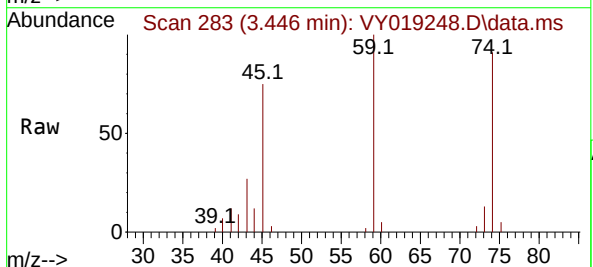
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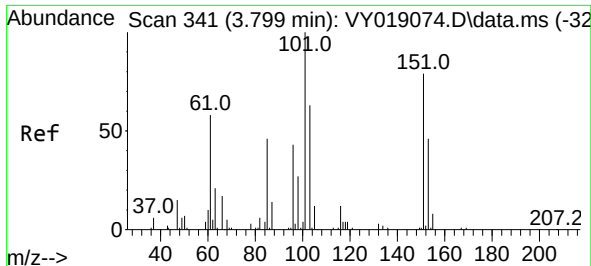
Tgt Ion:101 Resp: 49707
 Ion Ratio Lower Upper
 101 100
 103 58.5 49.3 73.9



#8
 Diethyl Ether
 Concen: 18.352 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019248.D
 Acq: 23 Aug 2024 11:28

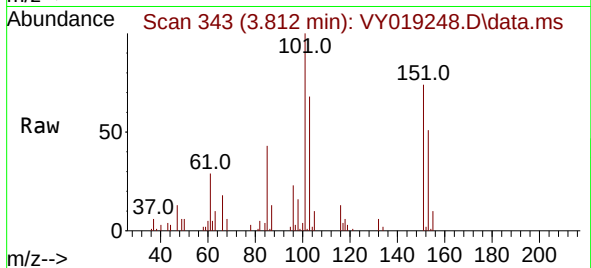
Tgt Ion: 74 Resp: 10967
 Ion Ratio Lower Upper
 74 100
 45 90.1 41.3 124.1



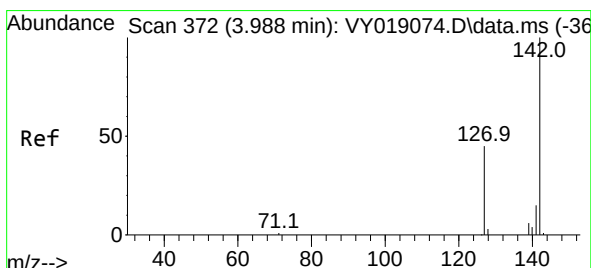
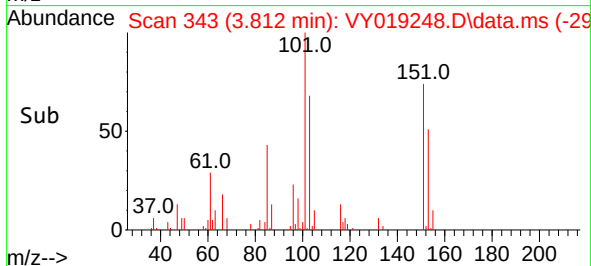
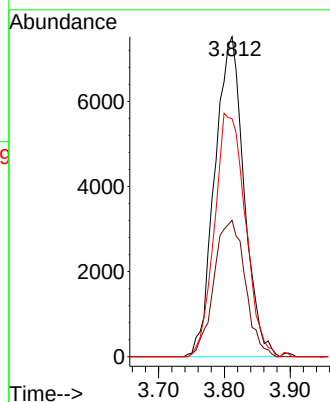


#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.910 ug/l
RT: 3.812 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY019248.D
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ClientSampleId :

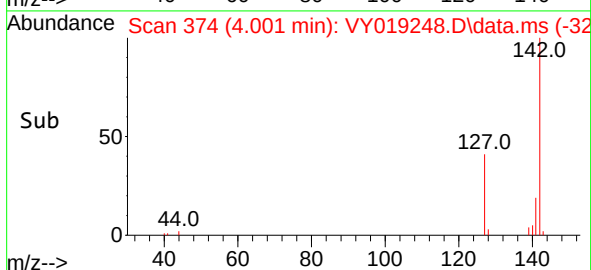
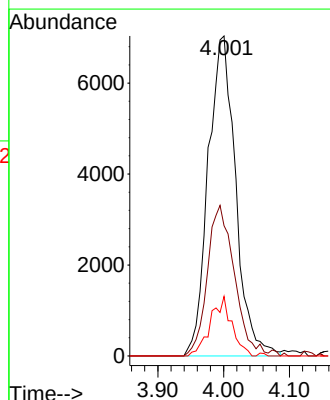
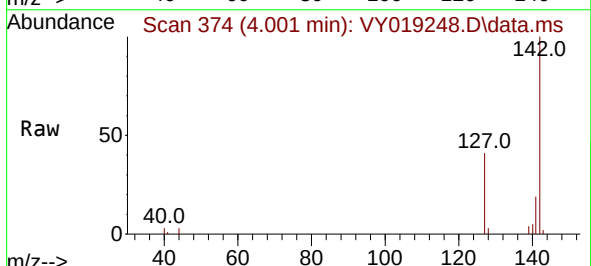


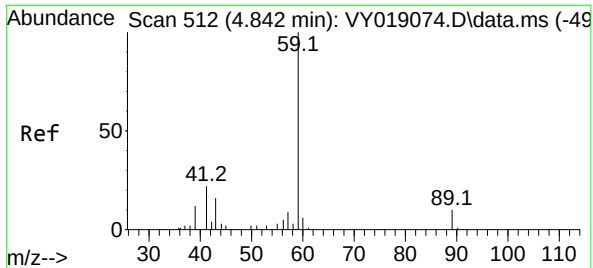
Tgt Ion:	101	Resp:	23275
Ion	Ratio	Lower	Upper
101	100		
85	45.3	34.5	51.7
151	80.0	61.7	92.5



#10
Methyl Iodide
Concen: 16.935 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion:	142	Resp:	20430
Ion	Ratio	Lower	Upper
142	100		
127	46.3	32.8	49.2
141	14.5	11.4	17.2

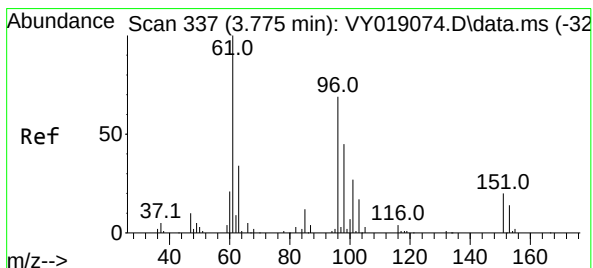
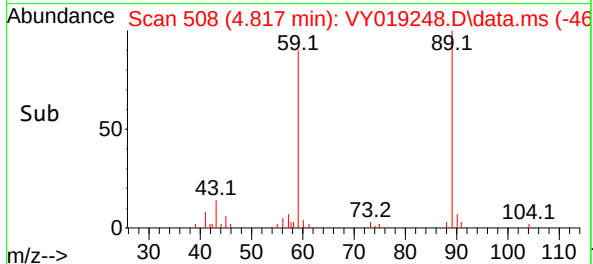
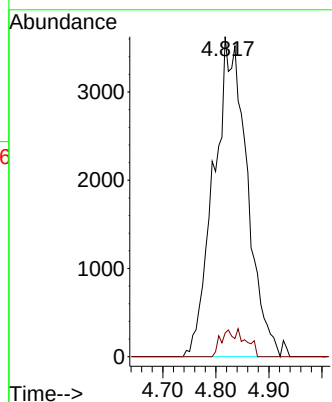
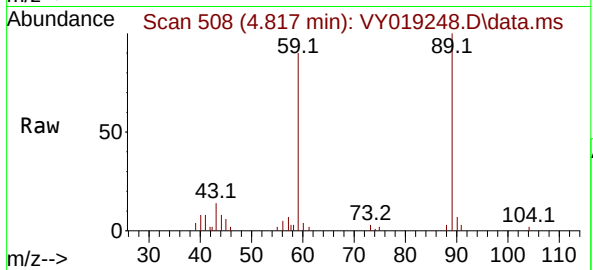




#11
Tert butyl alcohol
Concen: 147.825 ug/l
RT: 4.817 min Scan# 508
Delta R.T. -0.025 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

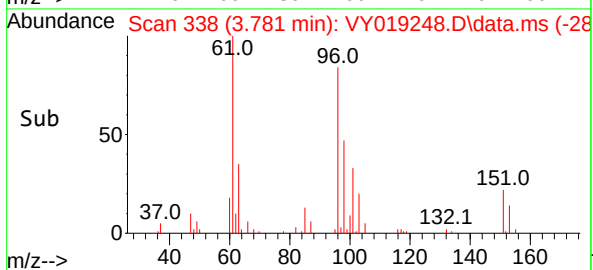
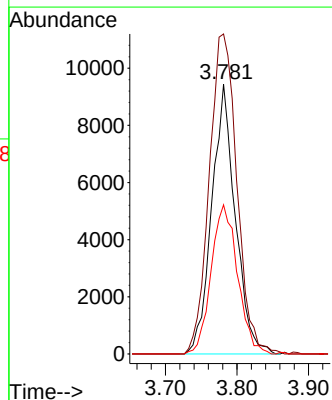
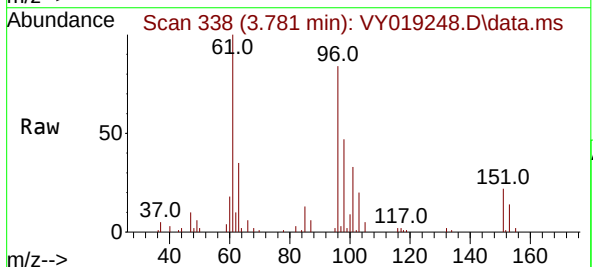
Instrument :
MSVOA_Y
ClientSampleId :

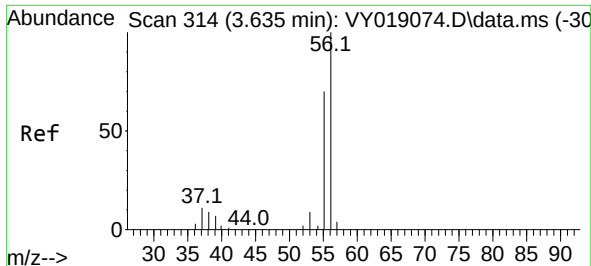
Tgt Ion: 59 Resp: 15777
Ion Ratio Lower Upper
59 100
57 3.4 3.0 4.6



#12
1,1-Dichloroethene
Concen: 19.365 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 96 Resp: 21654
Ion Ratio Lower Upper
96 100
61 118.6 114.6 171.8
98 55.3 50.8 76.2





#13

Acrolein

Concen: 89.033 ug/l

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

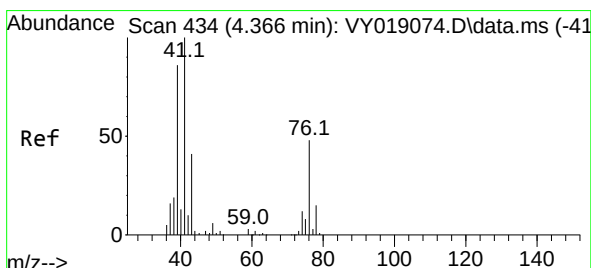
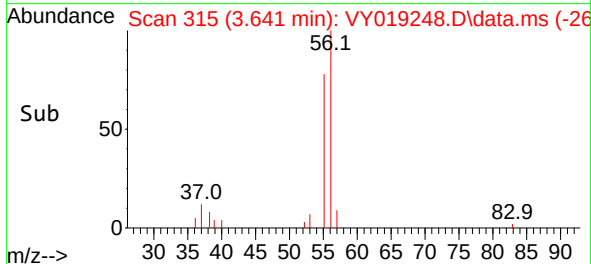
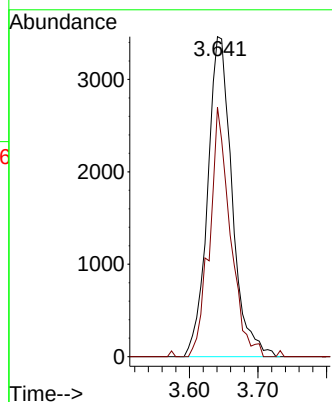
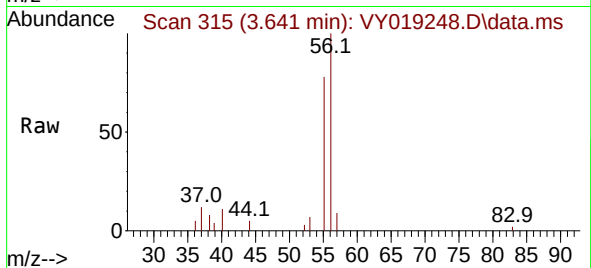
ClientSampleId :

Tgt Ion: 56 Resp: 8585

Ion Ratio Lower Upper

56 100

55 66.2 55.7 83.5



#14

Allyl chloride

Concen: 18.676 ug/l

RT: 4.372 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

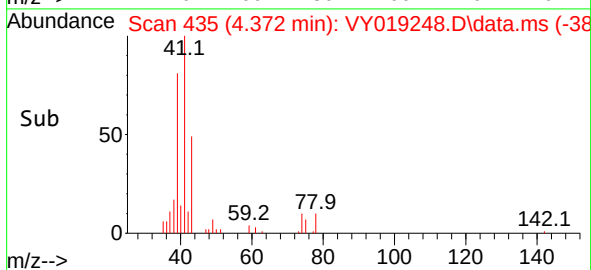
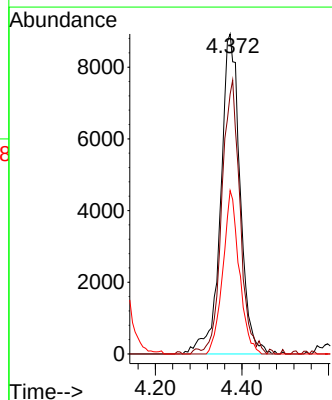
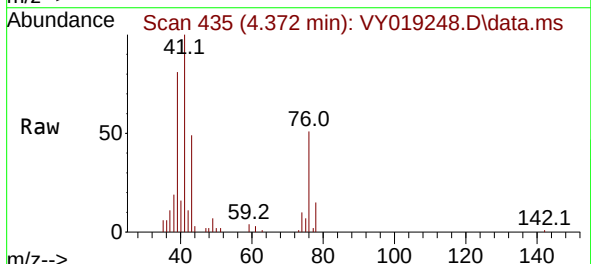
Tgt Ion: 41 Resp: 27766

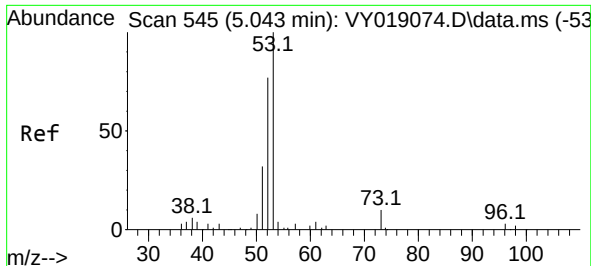
Ion Ratio Lower Upper

41 100

39 79.8 58.3 87.5

76 43.2 39.0 58.6





#15

Acrylonitrile

Concen: 95.744 ug/l

RT: 5.043 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY019248.D

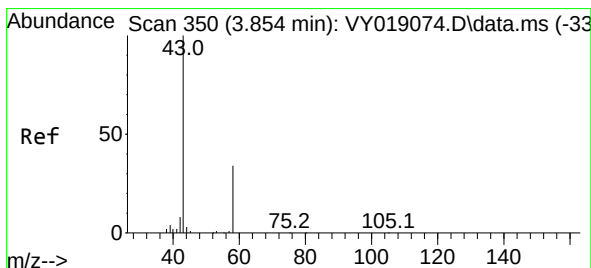
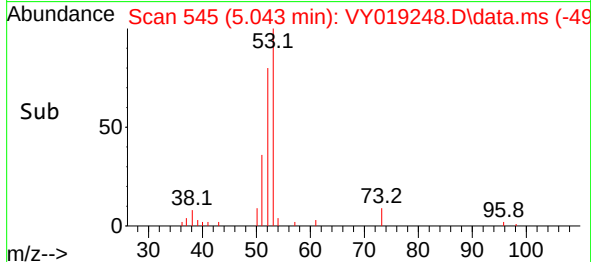
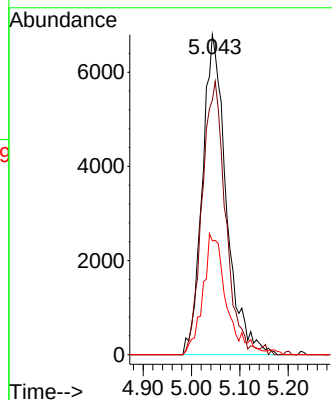
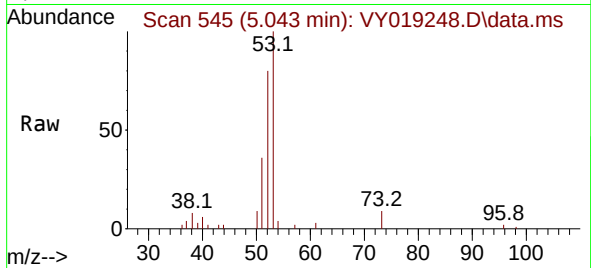
Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 53	Resp: 23411
Ion Ratio	Lower Upper
53 100	
52 83.2	64.7 97.1
51 37.2	28.4 42.6



#16

Acetone

Concen: 94.597 ug/l

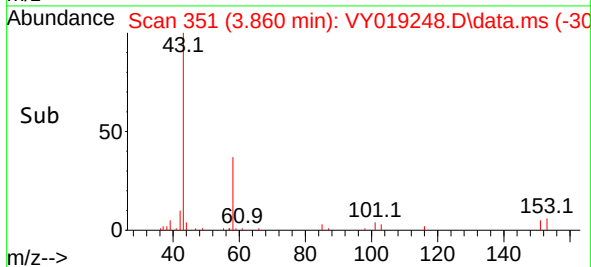
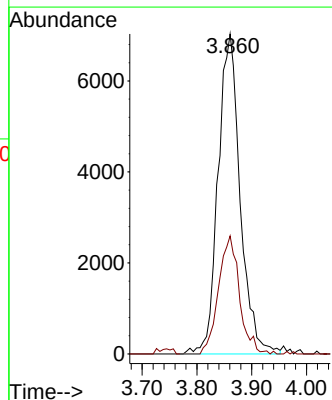
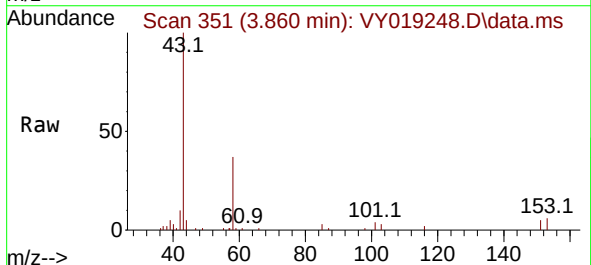
RT: 3.860 min Scan# 351

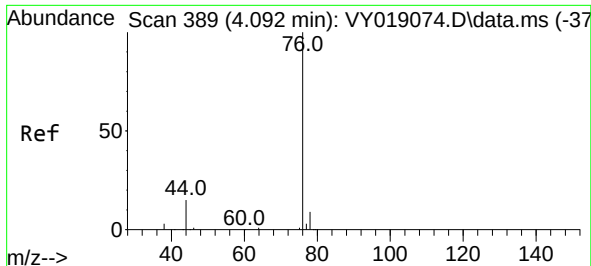
Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Tgt Ion: 43	Resp: 19714
Ion Ratio	Lower Upper
43 100	
58 36.9	31.7 47.5

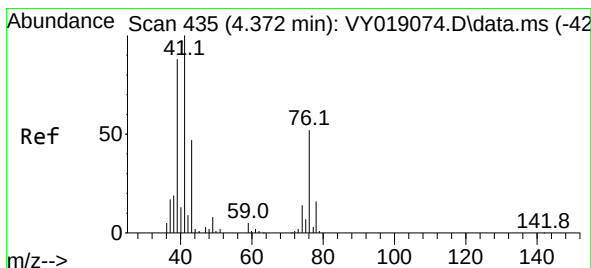
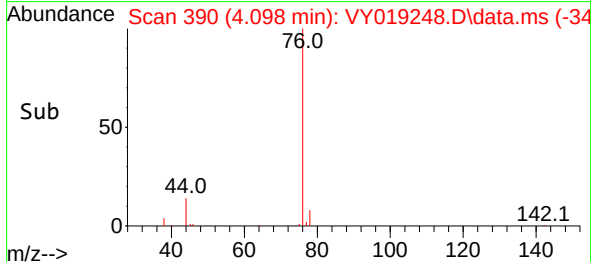
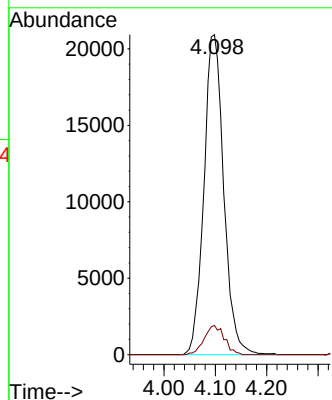
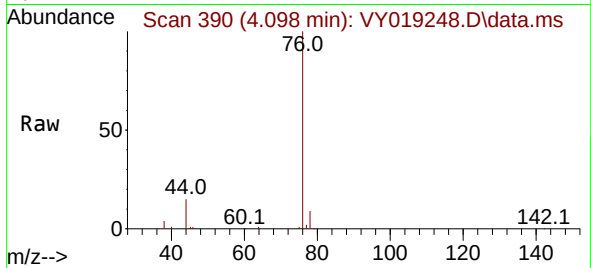




#17
Carbon Disulfide
Concen: 17.768 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

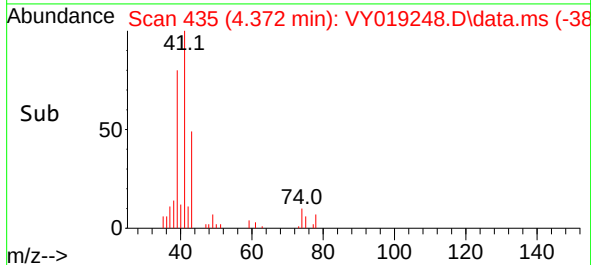
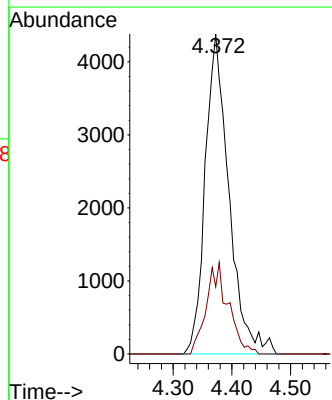
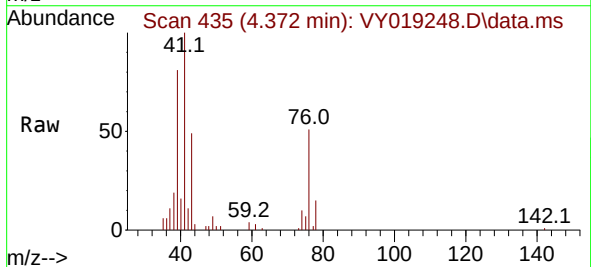
Instrument :
MSVOA_Y
ClientSampleId :

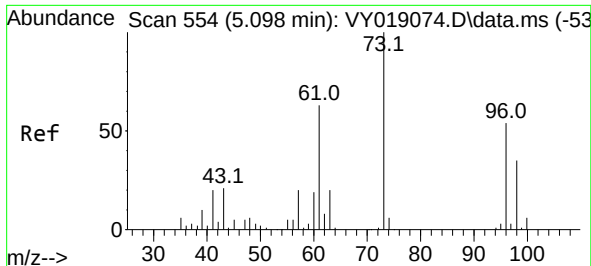
Tgt Ion: 76 Resp: 56041
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 19.214 ug/l
RT: 4.372 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 43 Resp: 12289
Ion Ratio Lower Upper
43 100
74 26.4 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 19.272 ug/l

RT: 5.098 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

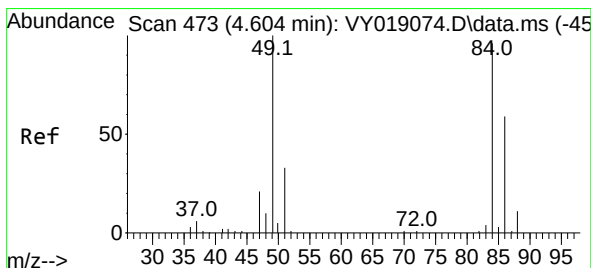
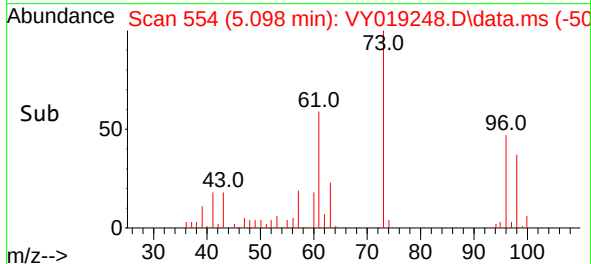
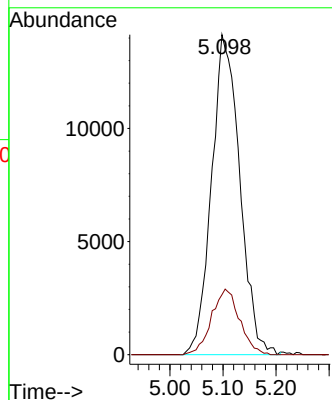
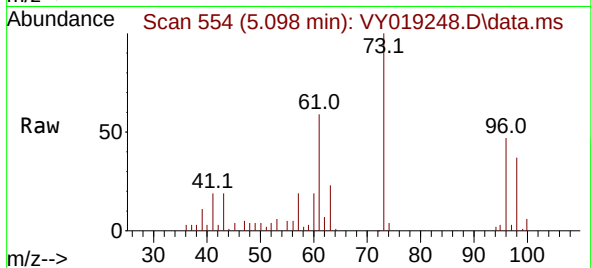
ClientSampleId :

Tgt Ion: 73 Resp: 52247

Ion Ratio Lower Upper

73 100

57 18.7 17.3 25.9



#20

Methylene Chloride

Concen: 14.975 ug/l

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Tgt Ion: 84 Resp: 28653

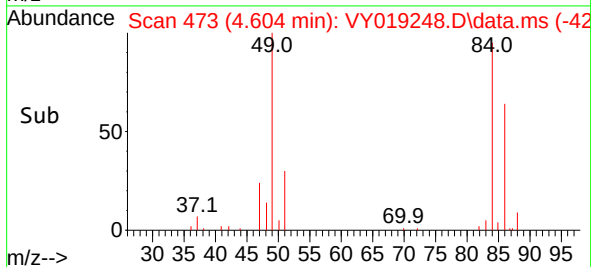
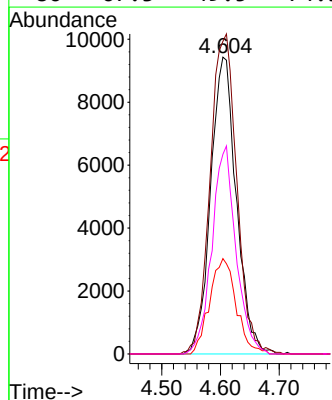
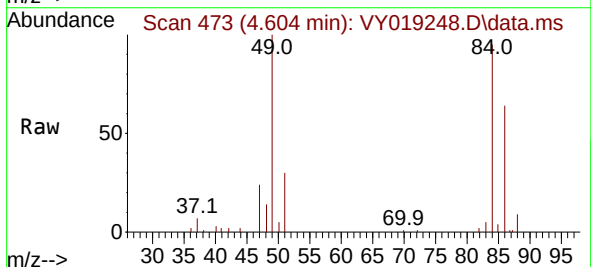
Ion Ratio Lower Upper

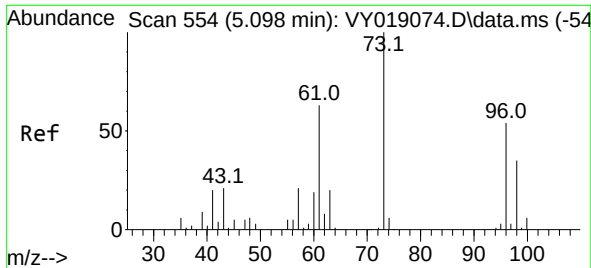
84 100

49 105.3 84.4 126.6

51 32.1 26.0 39.0

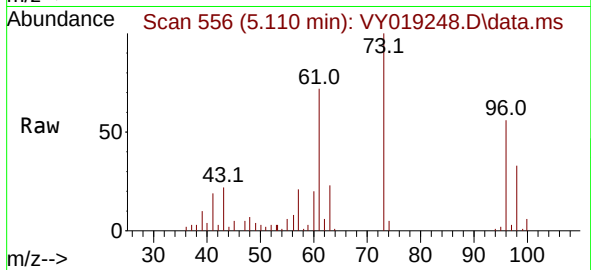
86 67.3 49.5 74.3



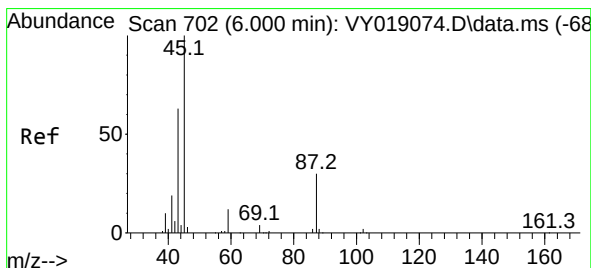
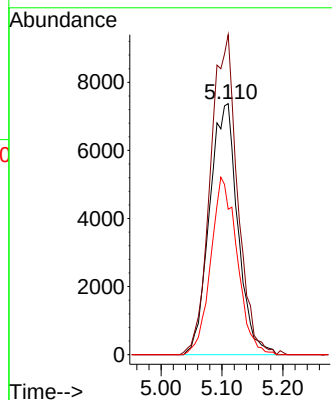
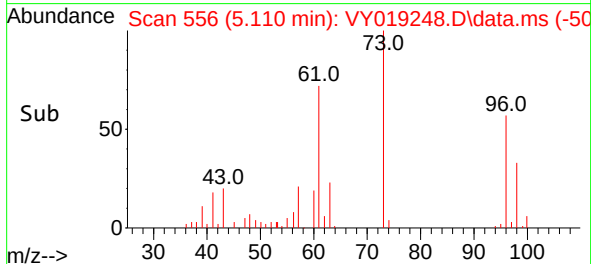


#21
trans-1,2-Dichloroethene
Concen: 19.051 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

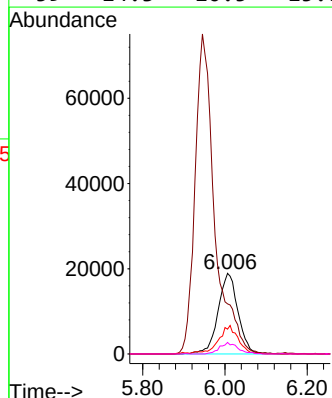
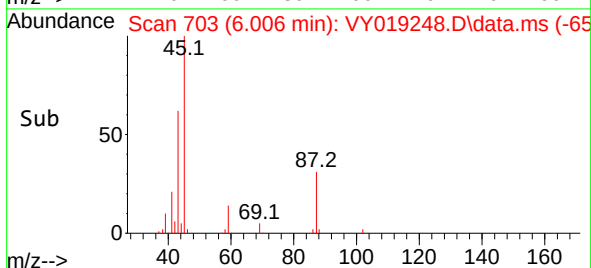
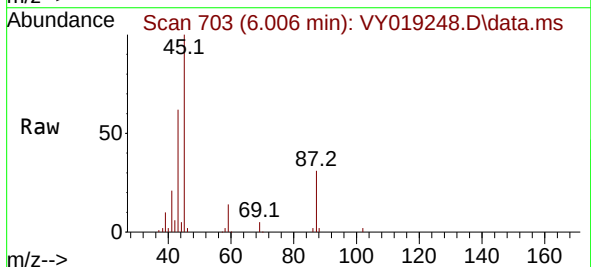


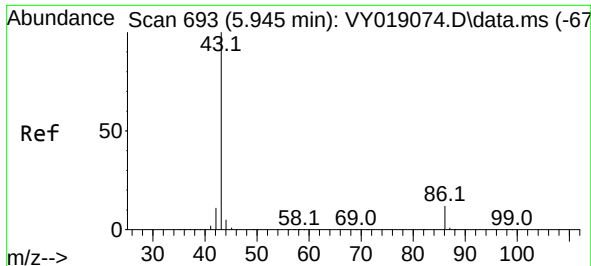
Tgt Ion: 96 Resp: 23800
Ion Ratio Lower Upper
96 100
61 127.5 97.5 146.3
98 57.9 50.5 75.7



#22
Diisopropyl ether
Concen: 18.726 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 45 Resp: 63733
Ion Ratio Lower Upper
45 100
43 61.5 42.2 63.2
87 30.8 25.0 37.6
59 14.3 10.5 15.7

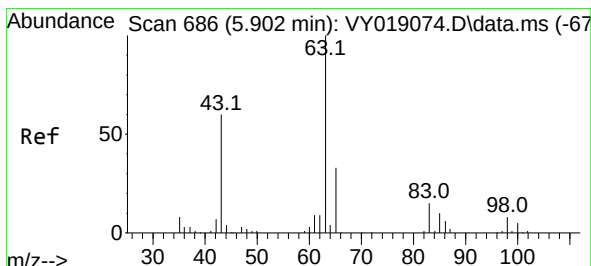
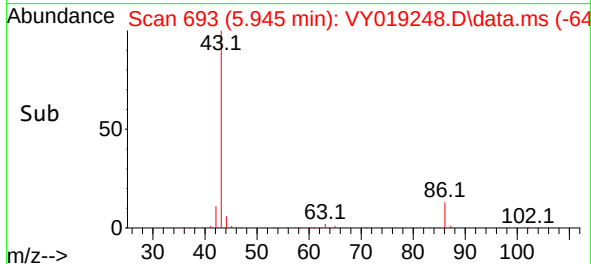
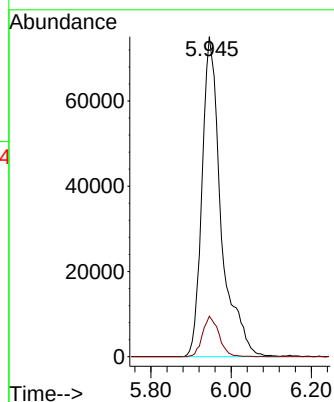
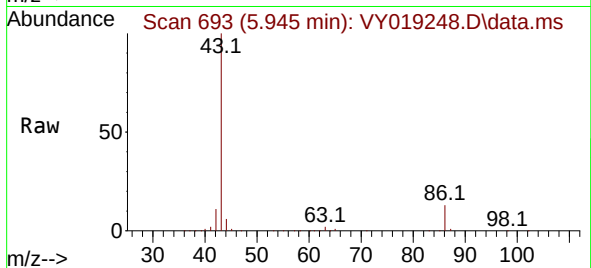




#23
 Vinyl Acetate
 Concen: 92.266 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019248.D
 Acq: 23 Aug 2024 11:28

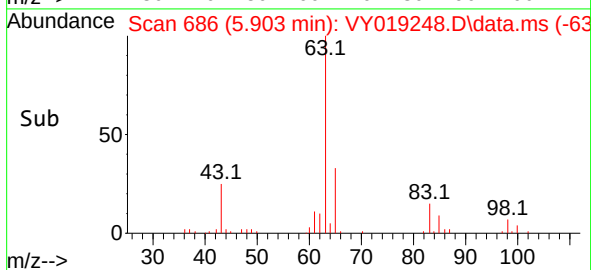
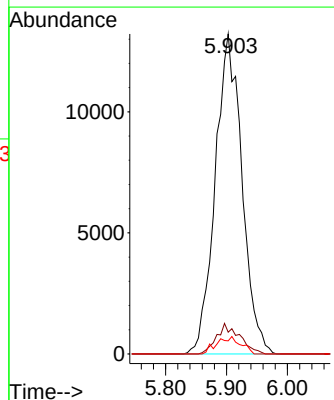
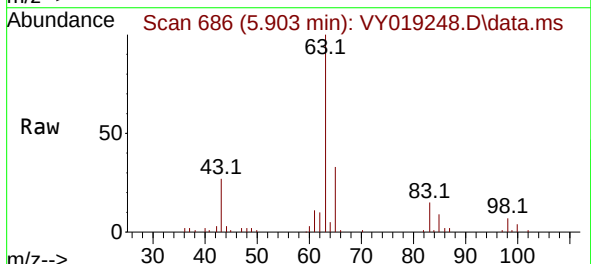
Instrument :
 MSVOA_Y
 ClientSampleId :

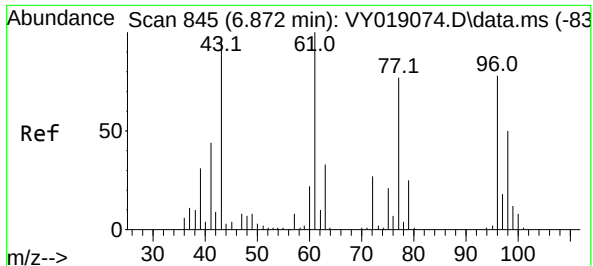
Tgt Ion: 43 Resp: 248618
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.350 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019248.D
 Acq: 23 Aug 2024 11:28

Tgt Ion: 63 Resp: 40275
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.2
 100 4.1 2.6 8.0





#25

2-Butanone

Concen: 92.381 ug/l

RT: 6.884 min Scan# 845

Delta R.T. 0.012 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

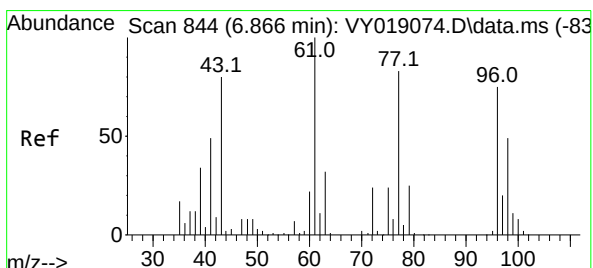
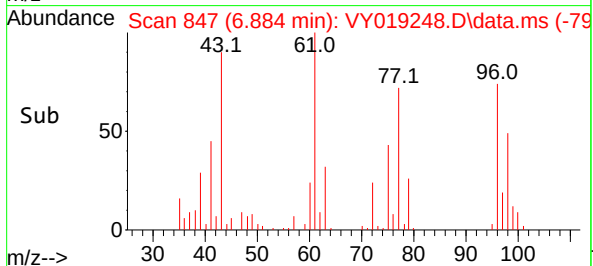
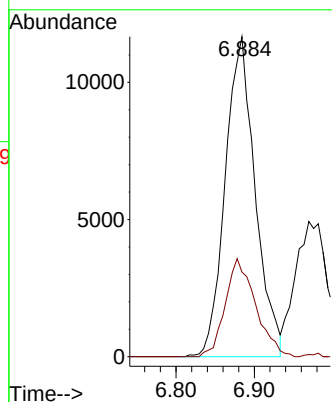
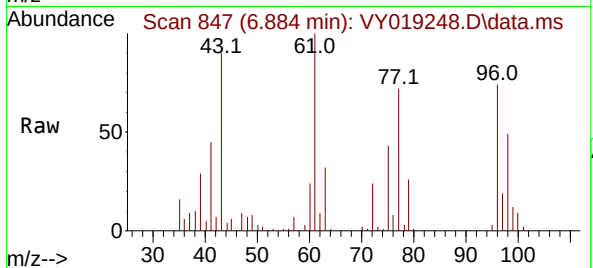
ClientSampleId :

Tgt Ion: 43 Resp: 31005

Ion Ratio Lower Upper

43 100

72 26.5 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 19.648 ug/l

RT: 6.878 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY019248.D

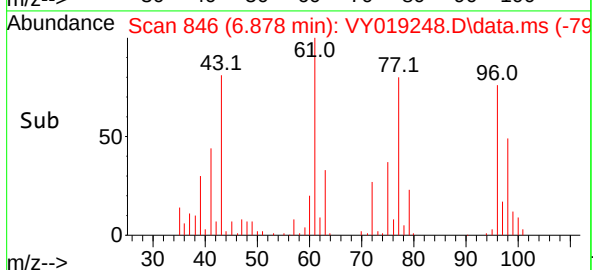
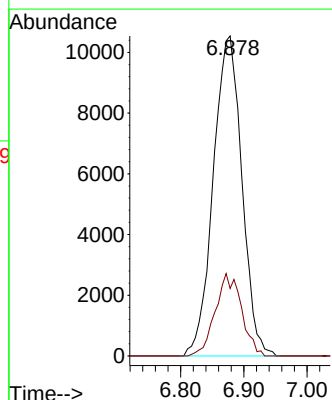
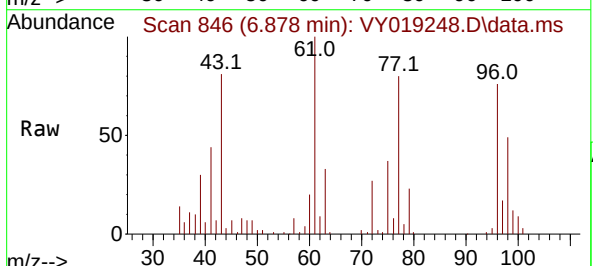
Acq: 23 Aug 2024 11:28

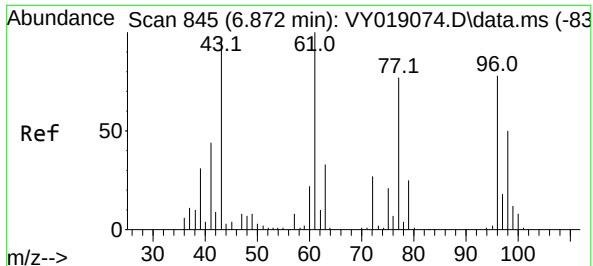
Tgt Ion: 77 Resp: 33117

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.558 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

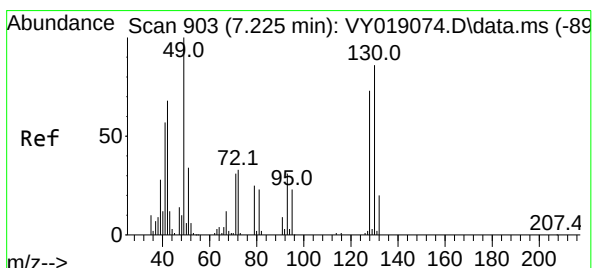
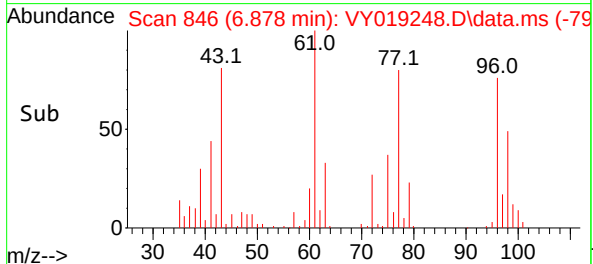
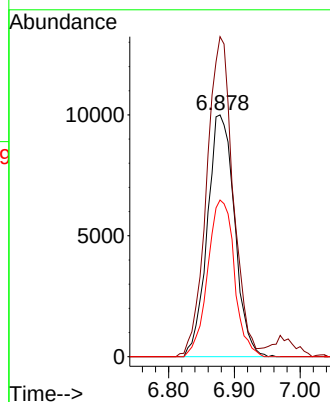
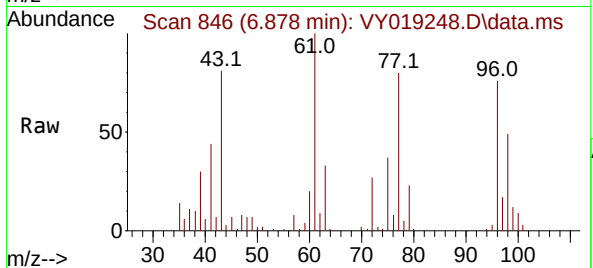
Tgt Ion: 96 Resp: 28754

Ion Ratio Lower Upper

96 100

61 129.0 0.0 256.2

98 63.4 0.0 130.0



#28

Bromochloromethane

Concen: 19.875 ug/l

RT: 7.238 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

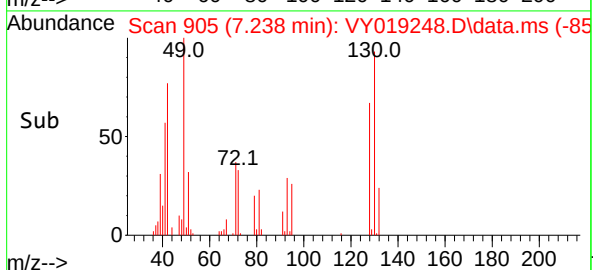
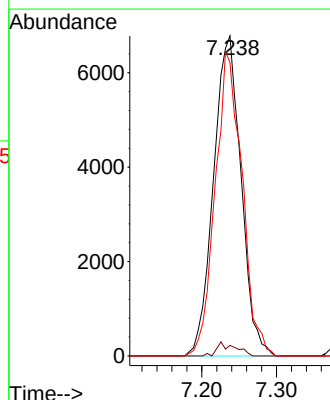
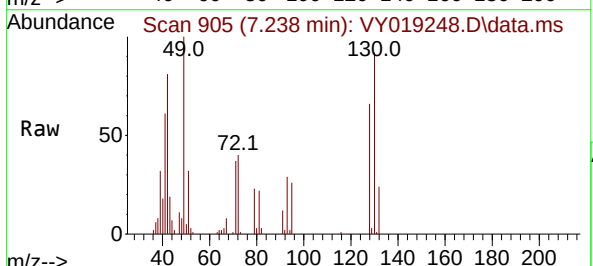
Tgt Ion: 49 Resp: 17353

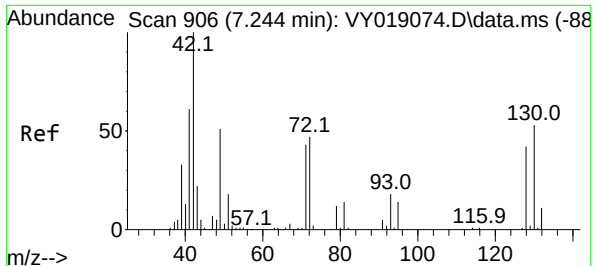
Ion Ratio Lower Upper

49 100

129 2.9 0.0 4.6

130 92.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 89.698 ug/l

RT: 7.256 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

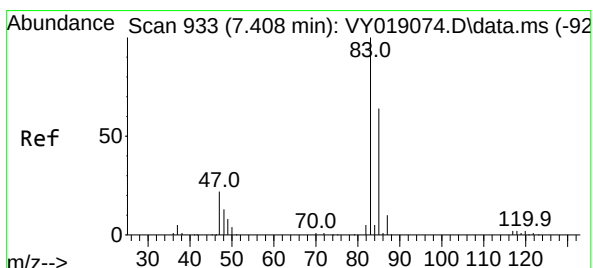
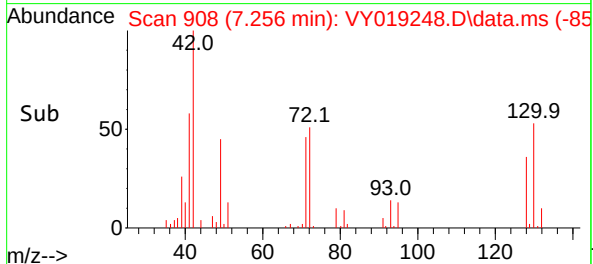
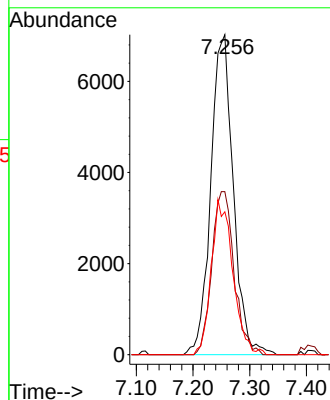
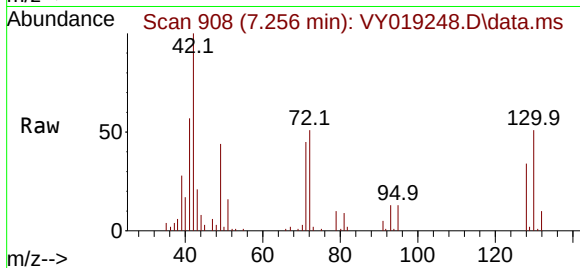
Tgt Ion: 42 Resp: 19352

Ion Ratio Lower Upper

42 100

72 50.6 43.0 64.4

71 46.1 40.8 61.2



#30

Chloroform

Concen: 19.470 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY019248.D

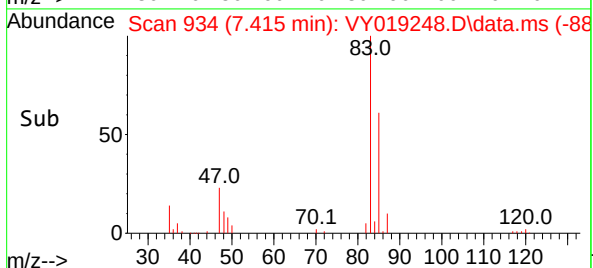
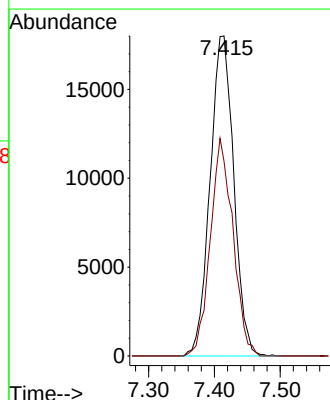
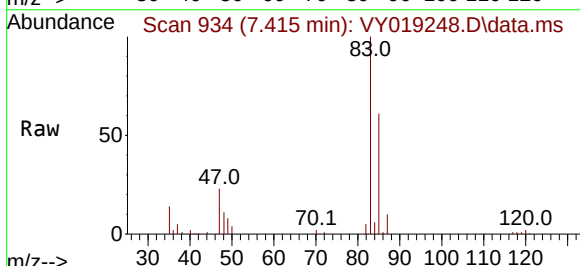
Acq: 23 Aug 2024 11:28

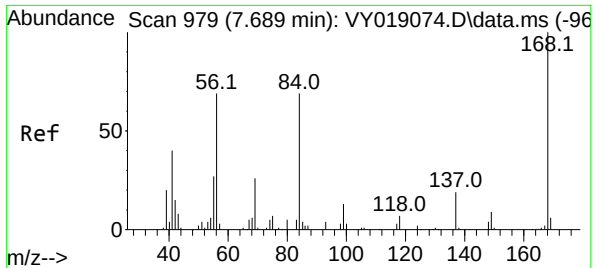
Tgt Ion: 83 Resp: 45157

Ion Ratio Lower Upper

83 100

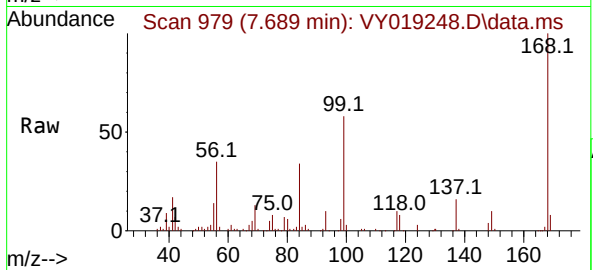
85 60.8 52.2 78.4



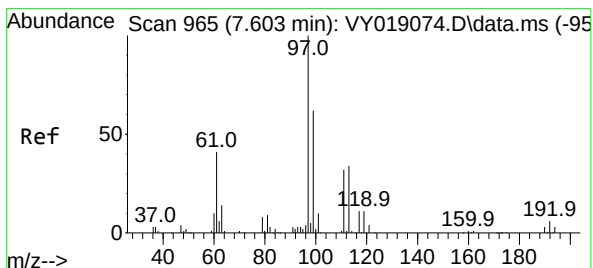
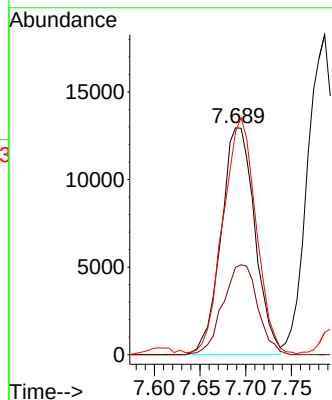
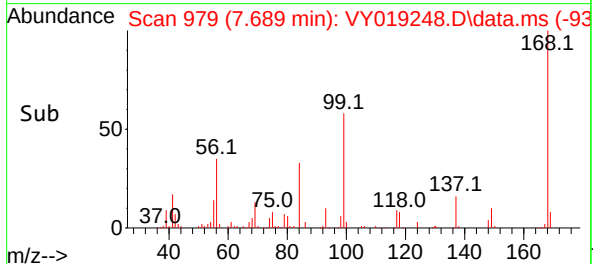


#31
Cyclohexane
Concen: 17.923 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

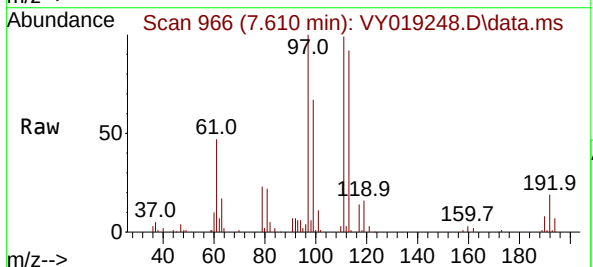
Instrument :
MSVOA_Y
ClientSampleId :



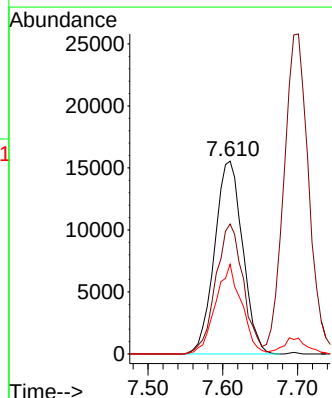
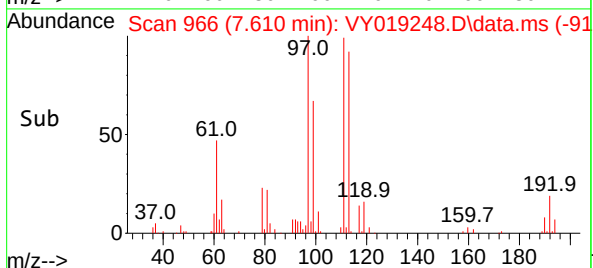
Tgt Ion: 56 Resp: 33223
Ion Ratio Lower Upper
56 100
69 38.5 28.7 43.1
84 96.3 77.7 116.5

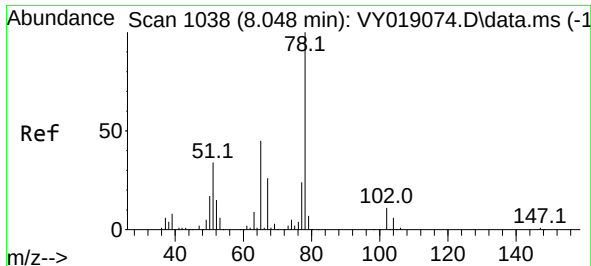


#32
1,1,1-Trichloroethane
Concen: 19.906 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28



Tgt Ion: 97 Resp: 40572
Ion Ratio Lower Upper
97 100
99 66.2 50.3 75.5
61 43.2 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.308 ug/l

RT: 8.049 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

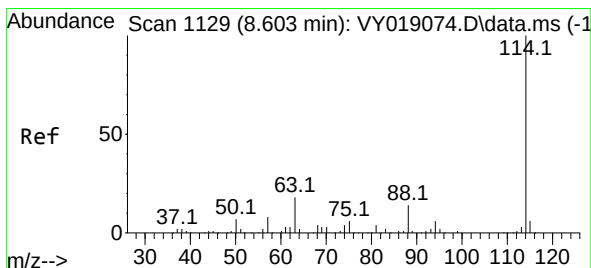
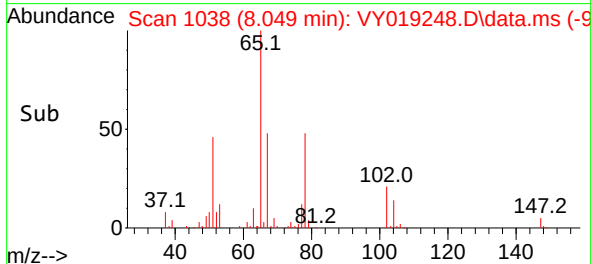
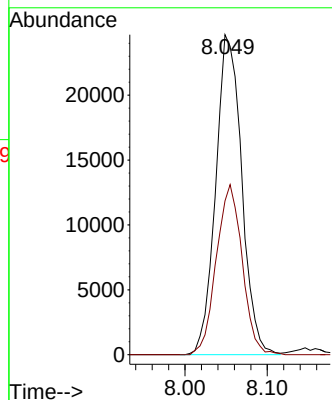
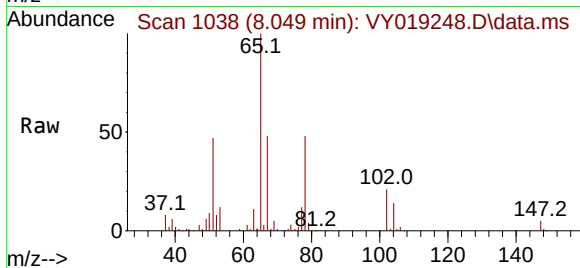
ClientSampleId :

Tgt Ion: 65 Resp: 54285

Ion Ratio Lower Upper

65 100

67 52.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

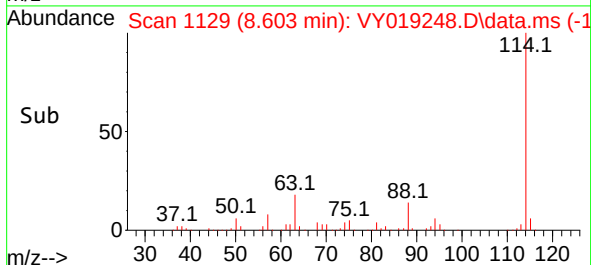
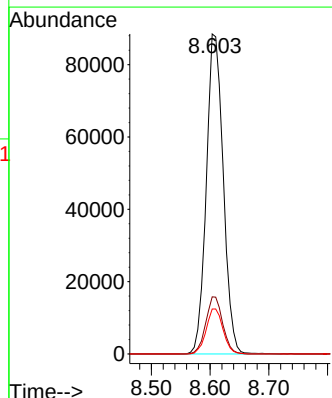
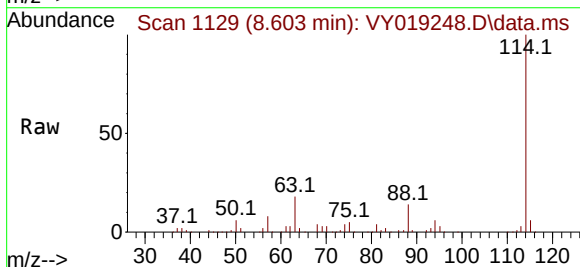
Tgt Ion: 114 Resp: 177279

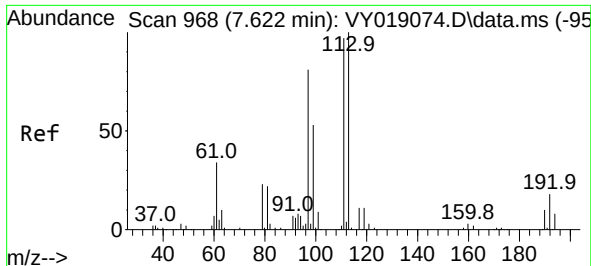
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.1 0.0 27.2

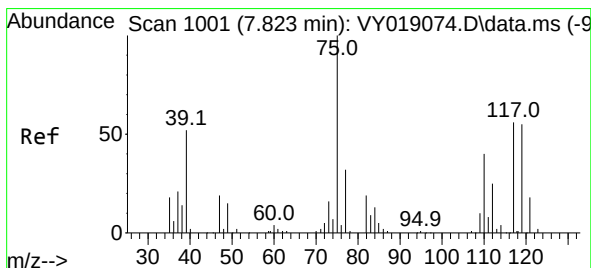
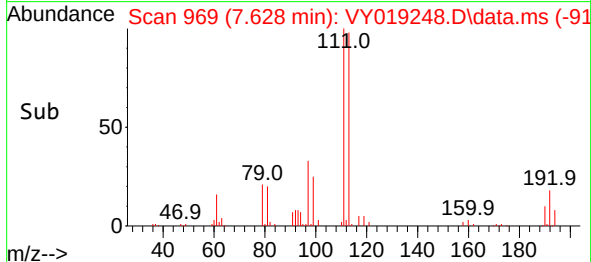
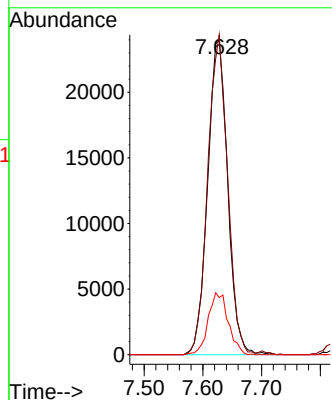
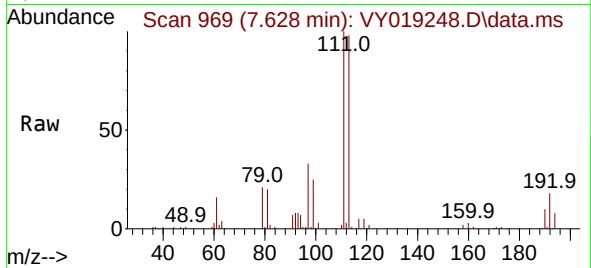




#35
Dibromofluoromethane
Concen: 49.266 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

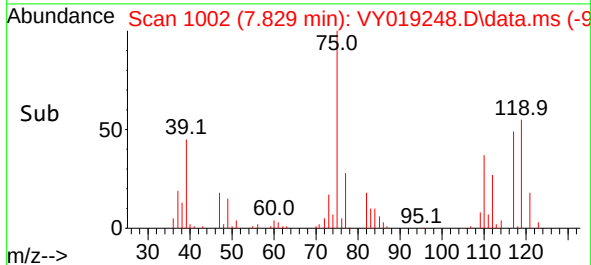
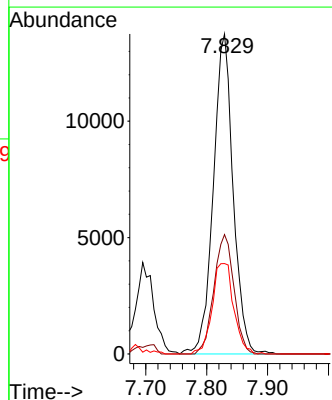
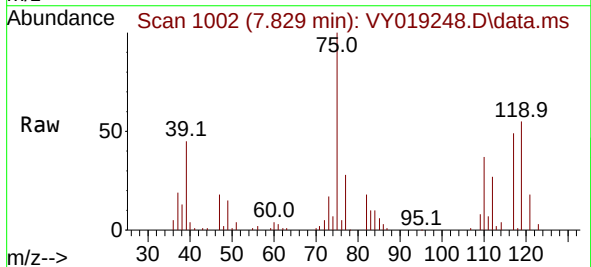
Instrument :
MSVOA_Y
ClientSampleId :

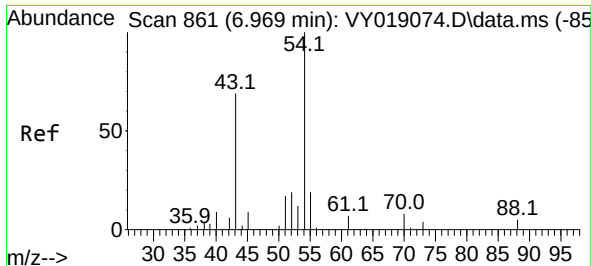
Tgt Ion:113 Resp: 57107
Ion Ratio Lower Upper
113 100
111 100.1 82.2 123.4
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.525 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 75 Resp: 31078
Ion Ratio Lower Upper
75 100
110 37.7 19.0 57.0
77 30.6 25.3 37.9



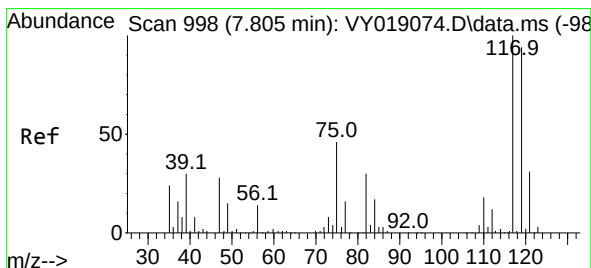
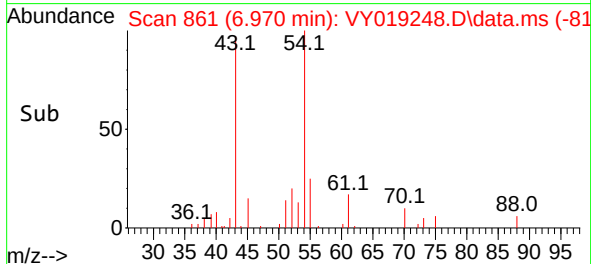
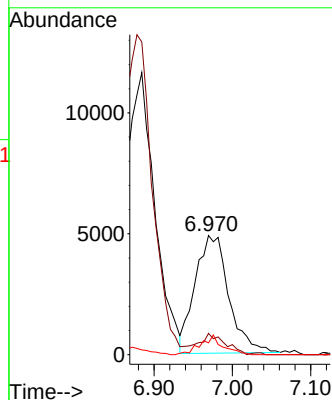
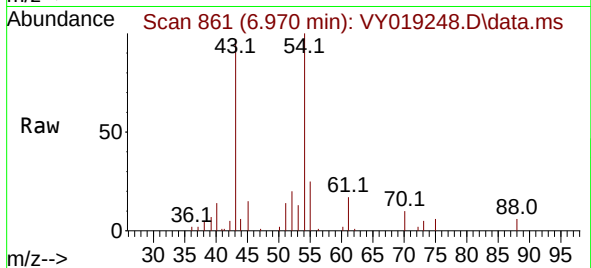


#37
Ethyl Acetate
Concen: 20.694 ug/l
RT: 6.970 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 14594

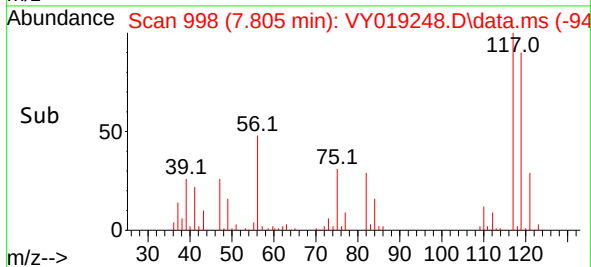
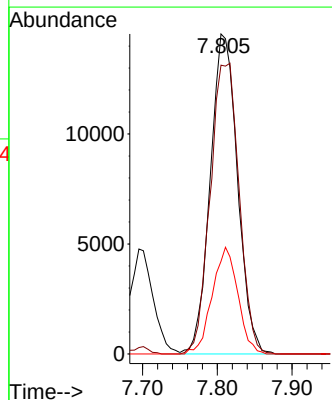
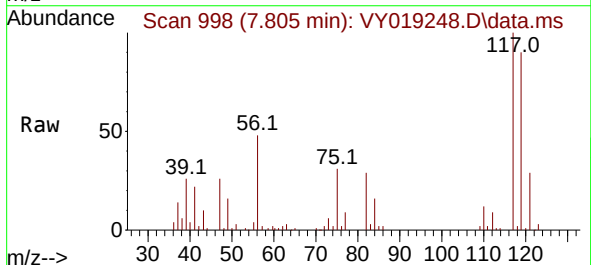
Ion	Ratio	Lower	Upper
43	100		
61	14.3	12.6	19.0
70	10.8	7.8	11.8

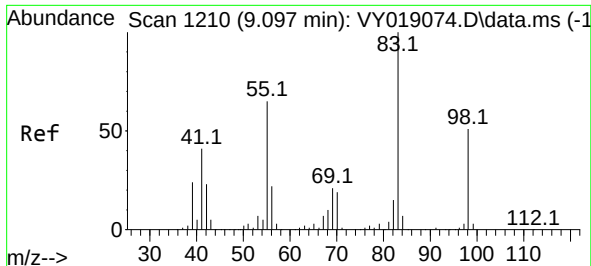


#38
Carbon Tetrachloride
Concen: 20.010 ug/l
RT: 7.805 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 117 Resp: 36912

Ion	Ratio	Lower	Upper
117	100		
119	90.2	75.8	113.6
121	29.0	24.0	36.0





#39

Methylcyclohexane

Concen: 19.351 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

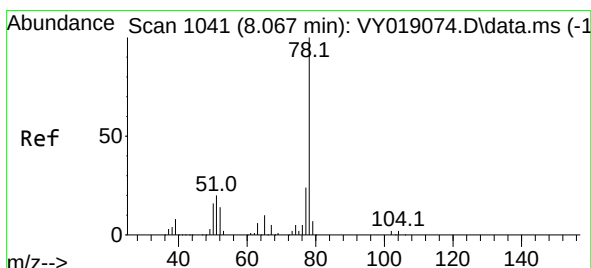
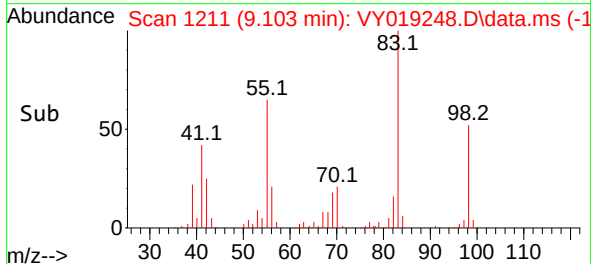
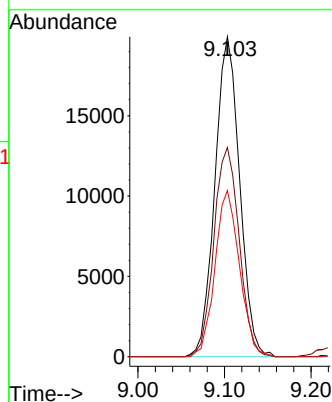
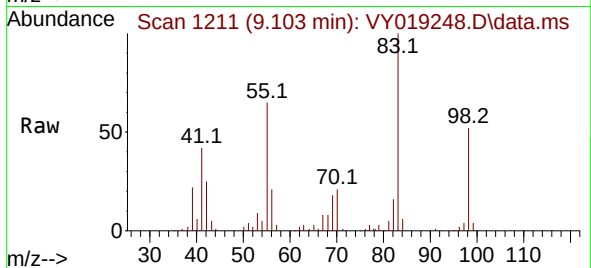
Tgt Ion: 83 Resp: 39527

Ion Ratio Lower Upper

83 100

55 65.4 51.5 77.3

98 51.9 40.5 60.7



#40

Benzene

Concen: 19.900 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019248.D

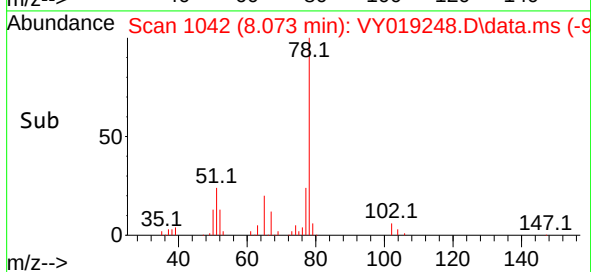
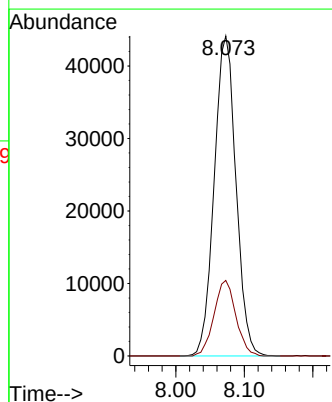
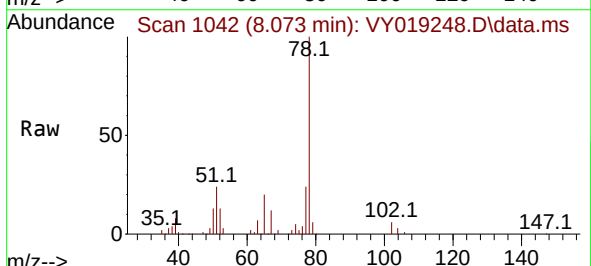
Acq: 23 Aug 2024 11:28

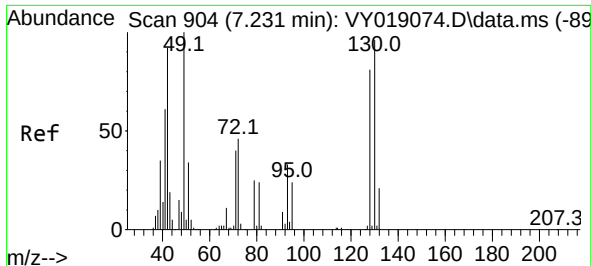
Tgt Ion: 78 Resp: 97147

Ion Ratio Lower Upper

78 100

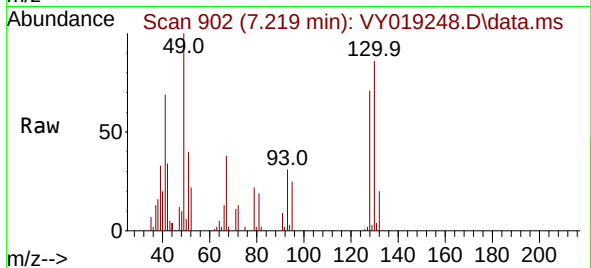
77 23.6 19.5 29.3



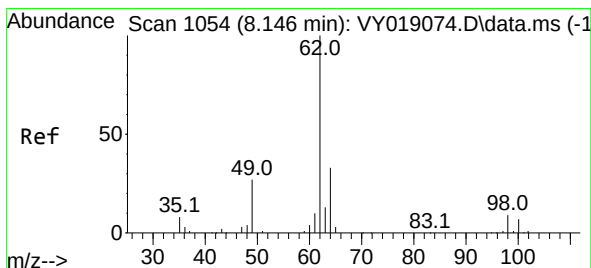
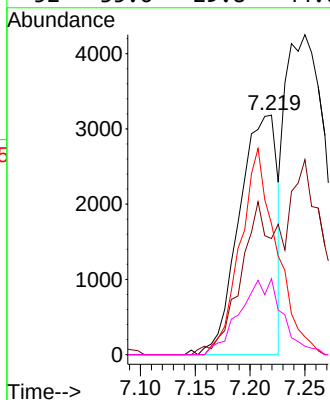
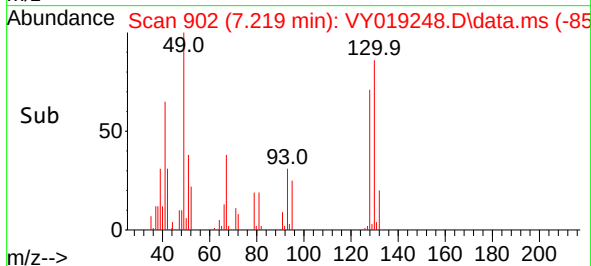


#41
Methacrylonitrile
Concen: 20.015 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

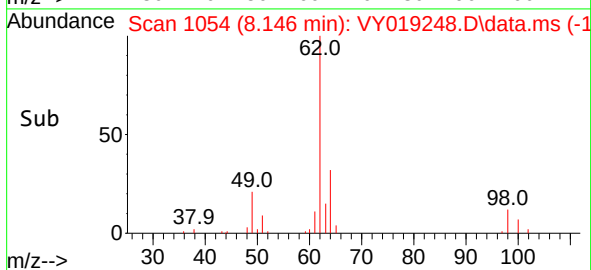
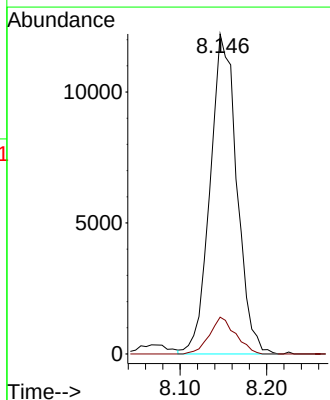
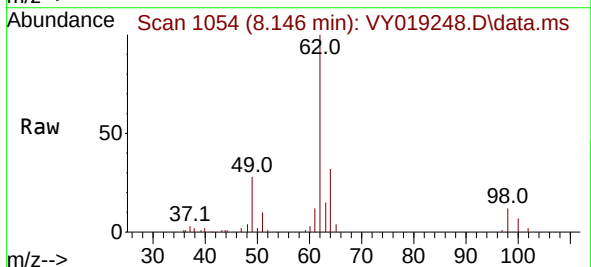


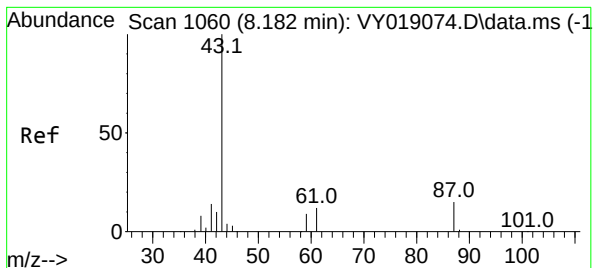
Tgt Ion:	41	Resp:	7704
Ion	Ratio	Lower	Upper
41	100		
39	49.6	48.0	72.0
67	82.2	75.1	112.7
52	35.6	29.8	44.6



#42
1,2-Dichloroethane
Concen: 19.888 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion:	62	Resp:	26218
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.0





#43

Isopropyl Acetate

Concen: 18.665 ug/l

RT: 8.189 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

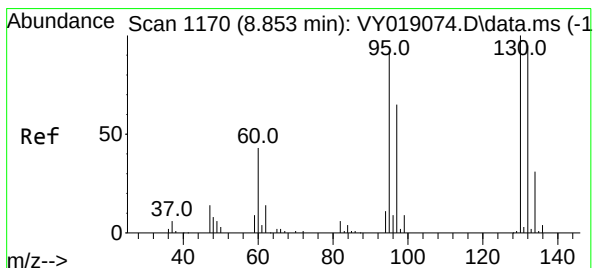
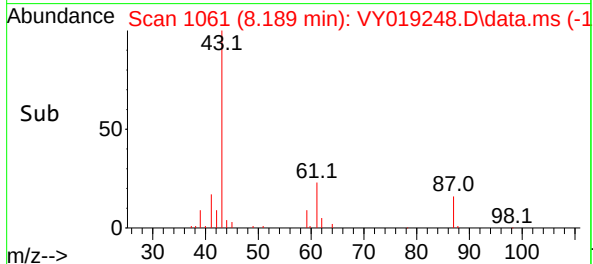
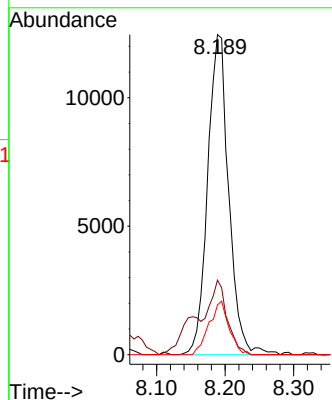
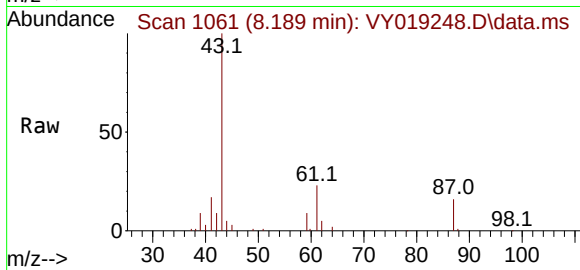
Tgt Ion: 43 Resp: 26621

Ion Ratio Lower Upper

43 100

61 20.5 27.9 41.9#

87 15.9 13.1 19.7



#44

Trichloroethene

Concen: 19.325 ug/l

RT: 8.859 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY019248.D

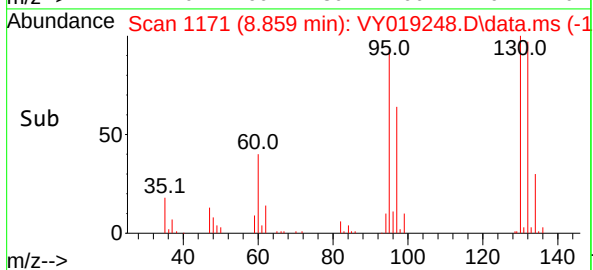
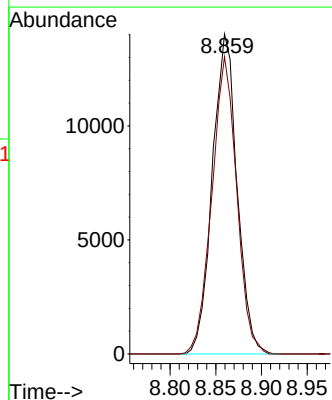
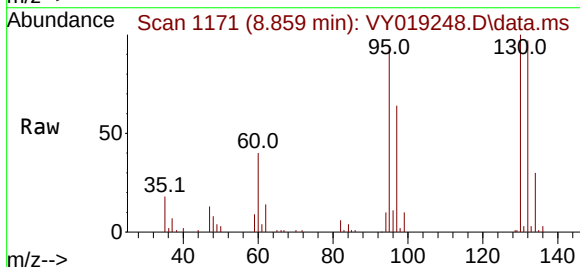
Acq: 23 Aug 2024 11:28

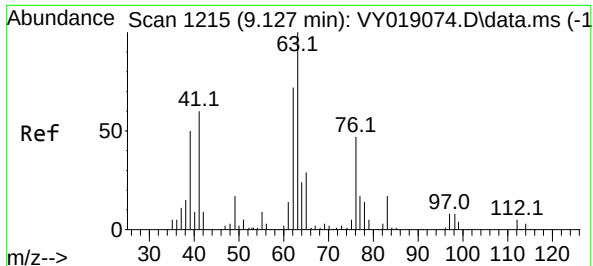
Tgt Ion:130 Resp: 26323

Ion Ratio Lower Upper

130 100

95 92.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.548 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

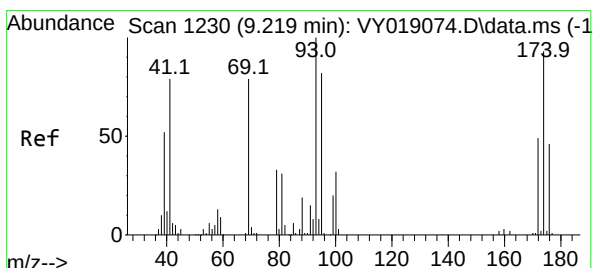
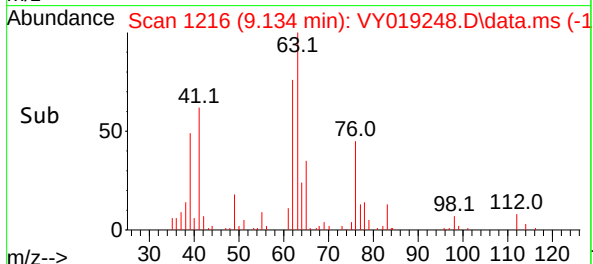
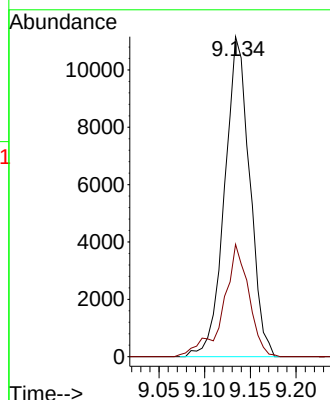
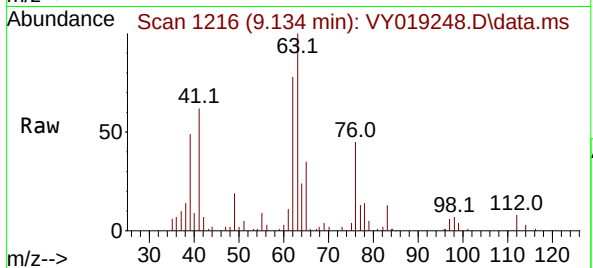
ClientSampleId :

Tgt Ion: 63 Resp: 21262

Ion Ratio Lower Upper

63 100

65 35.1 25.4 38.2



#46

Dibromomethane

Concen: 20.492 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

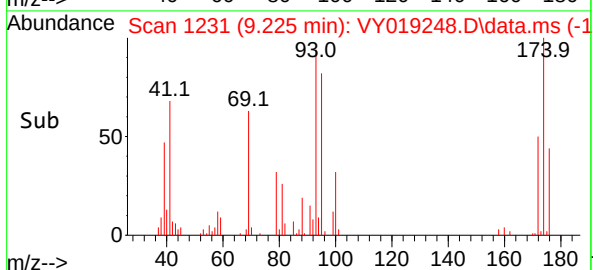
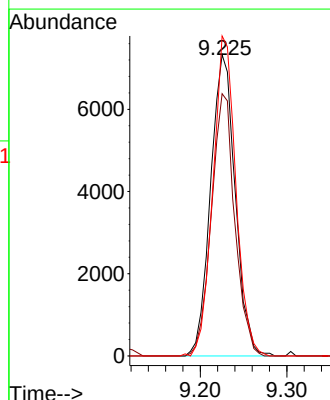
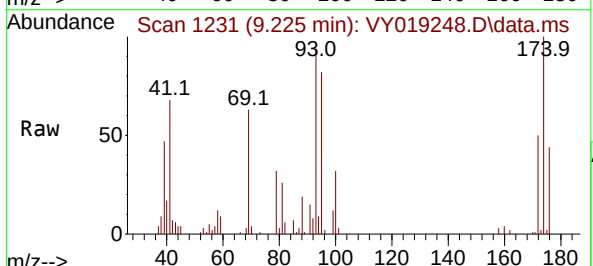
Tgt Ion: 93 Resp: 14456

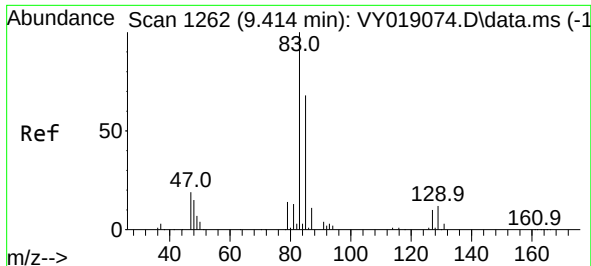
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 98.9 80.9 121.3





#47

Bromodichloromethane

Concen: 19.912 ug/l

RT: 9.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019248.D

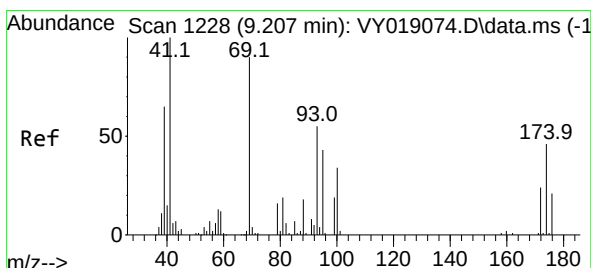
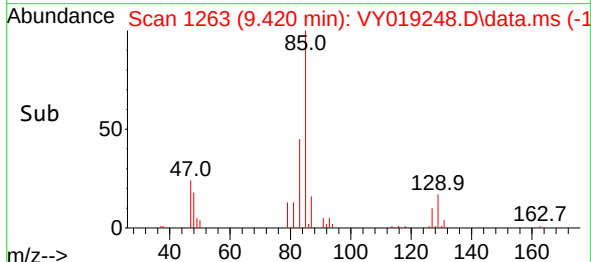
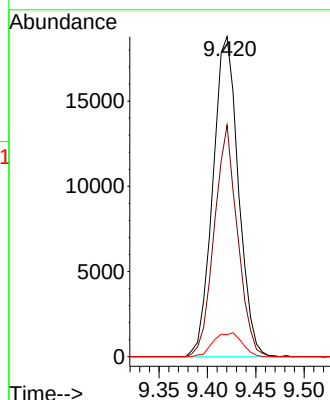
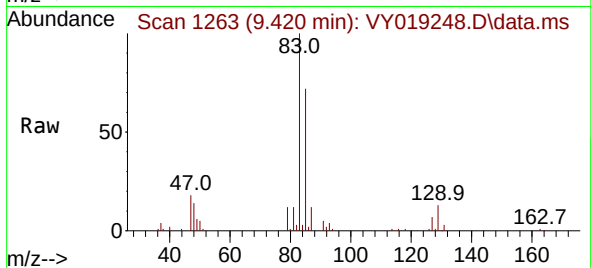
Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 34463
Ion Ratio	Lower Upper
83	100
85	72.3 50.1 75.1
127	6.9 7.4 11.0#



#48

Methyl methacrylate

Concen: 18.640 ug/l

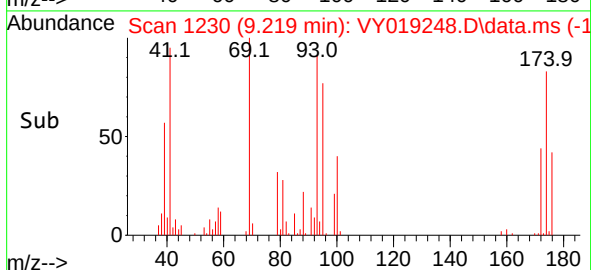
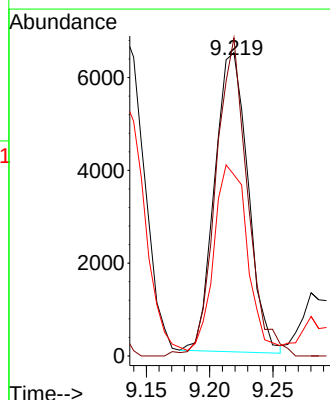
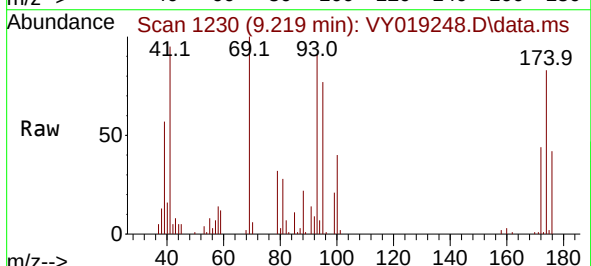
RT: 9.219 min Scan# 1230

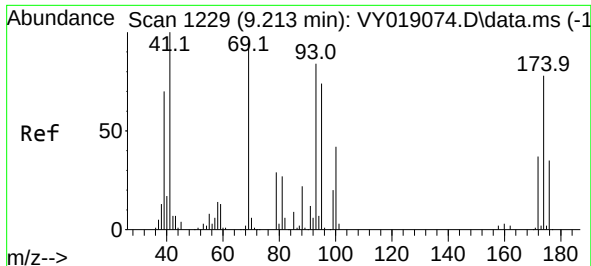
Delta R.T. 0.012 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Tgt Ion: 41	Resp: 11848
Ion Ratio	Lower Upper
41	100
69	100.6 84.1 126.1
39	62.3 43.6 65.4





#49

1,4-Dioxane

Concen: 397.981 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

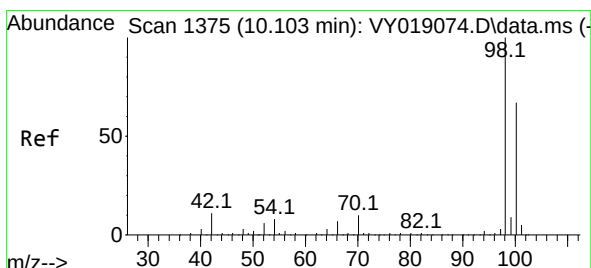
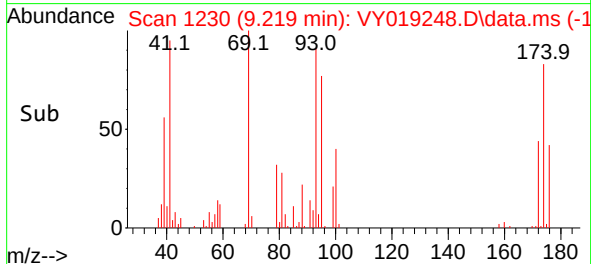
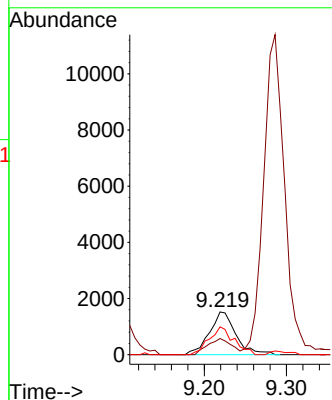
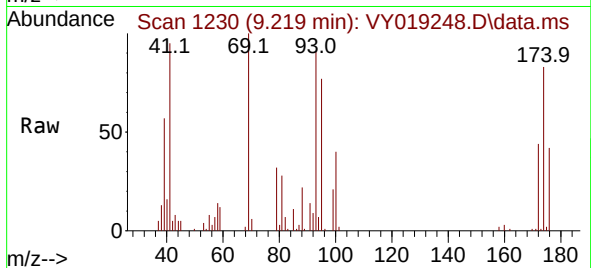
Tgt Ion: 88 Resp: 3401

Ion Ratio Lower Upper

88 100

43 33.9 0.0 0.0#

58 60.9 49.3 73.9



#50

Toluene-d8

Concen: 49.617 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019248.D

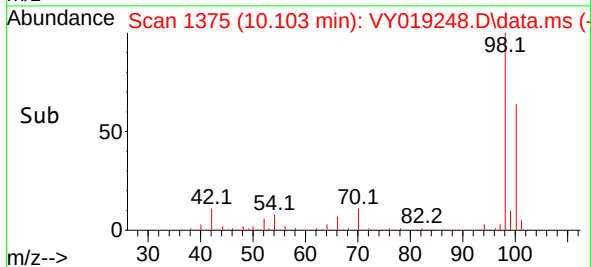
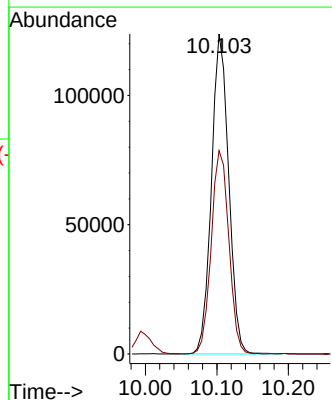
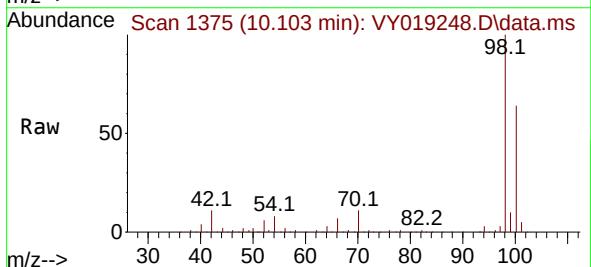
Acq: 23 Aug 2024 11:28

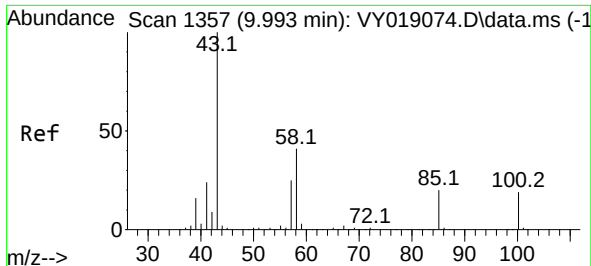
Tgt Ion: 98 Resp: 206972

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 95.217 ug/l

RT: 9.993 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

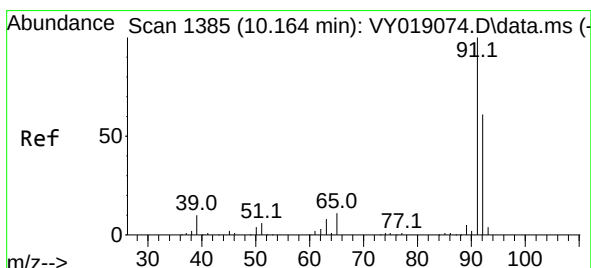
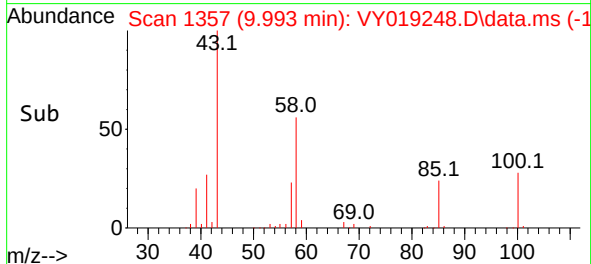
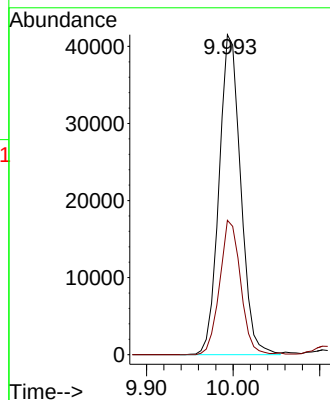
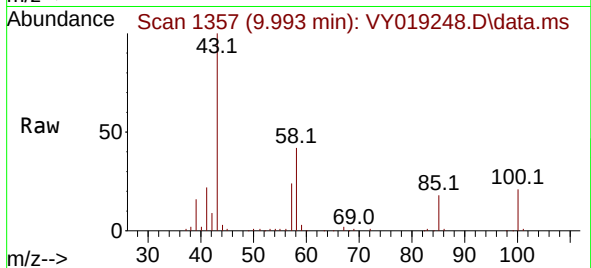
ClientSampleId :

Tgt Ion: 43 Resp: 72077

Ion Ratio Lower Upper

43 100

58 40.8 35.7 53.5



#52

Toluene

Concen: 20.205 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019248.D

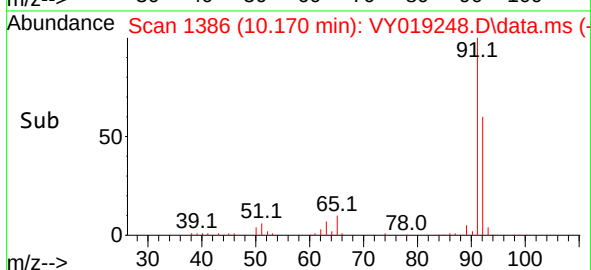
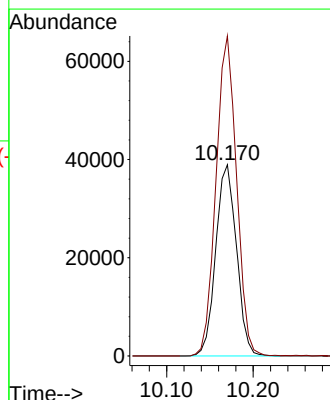
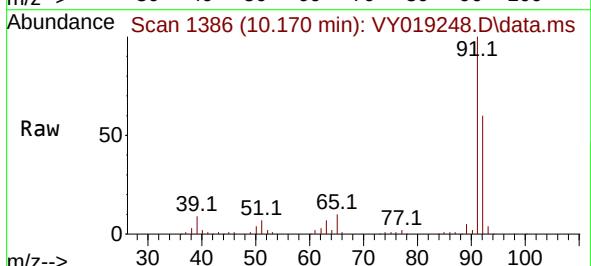
Acq: 23 Aug 2024 11:28

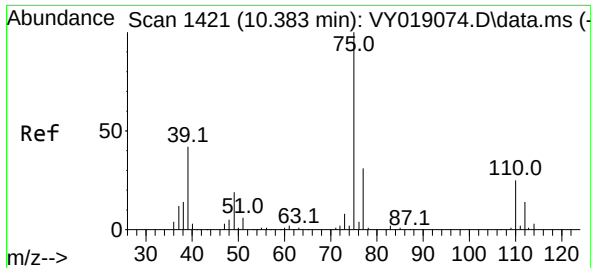
Tgt Ion: 92 Resp: 64746

Ion Ratio Lower Upper

92 100

91 166.1 139.0 208.6

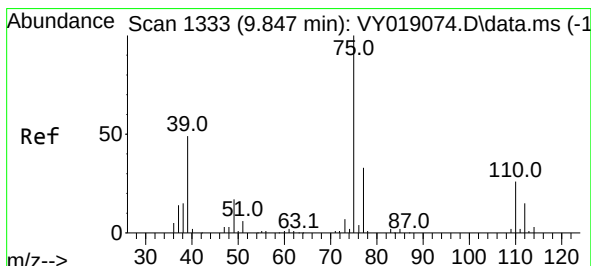
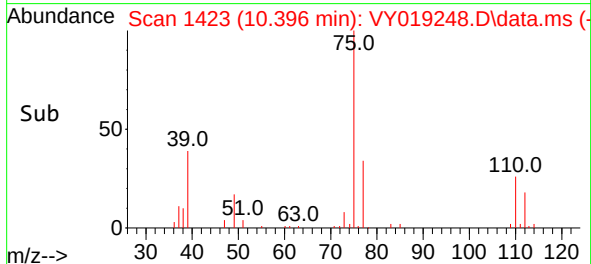
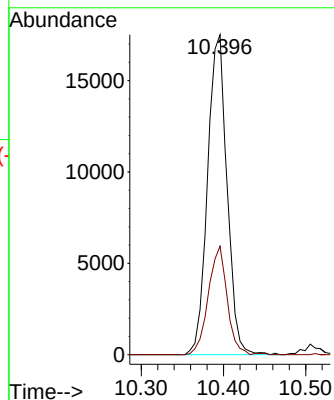
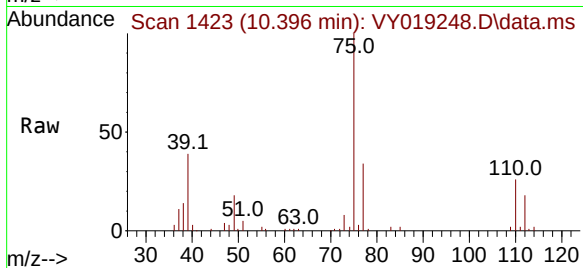




#53
 t-1,3-Dichloropropene
 Concen: 20.012 ug/l
 RT: 10.396 min Scan# 1421
 Delta R.T. 0.012 min
 Lab File: VY019248.D
 Acq: 23 Aug 2024 11:28

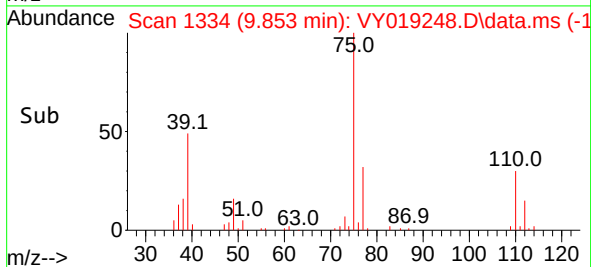
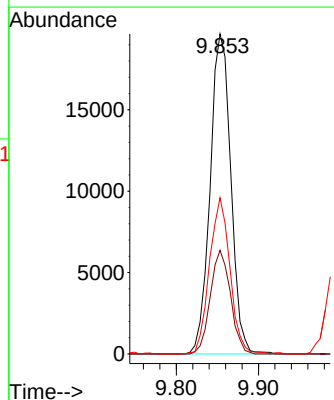
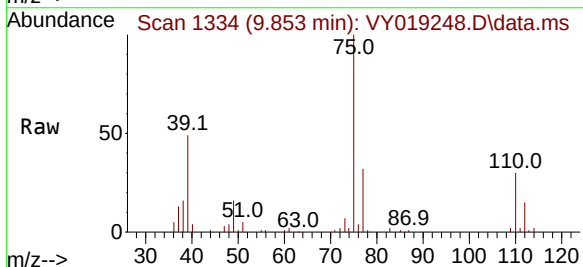
Instrument :
 MSVOA_Y
 ClientSampleId :

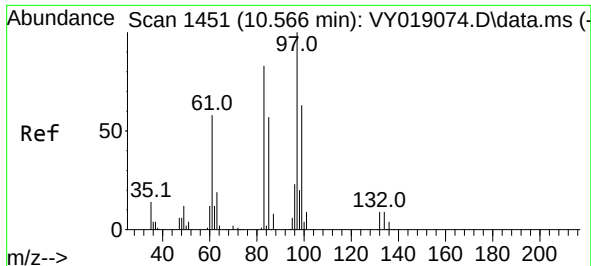
Tgt Ion: 75 Resp: 28732
 Ion Ratio Lower Upper
 75 100
 77 33.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.927 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.006 min
 Lab File: VY019248.D
 Acq: 23 Aug 2024 11:28

Tgt Ion: 75 Resp: 34406
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 48.8 29.8 44.6#

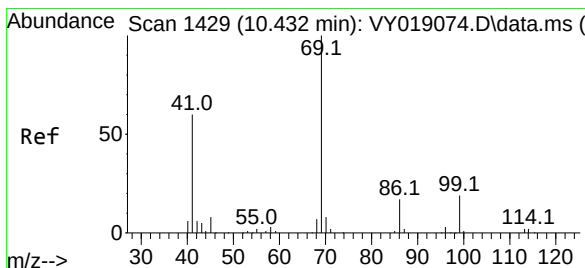
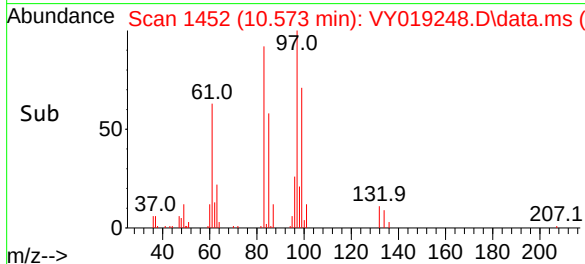
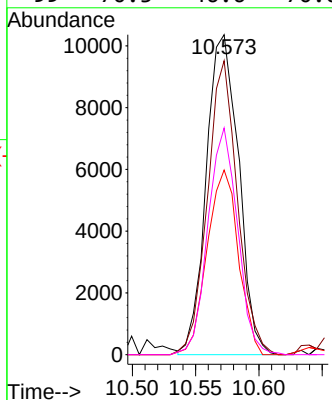
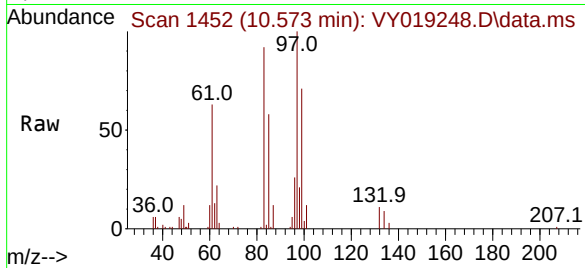




#55
 1,1,2-Trichloroethane
 Concen: 20.302 ug/l
 RT: 10.573 min Scan# 1451
 Delta R.T. 0.006 min
 Lab File: VY019248.D
 Acq: 23 Aug 2024 11:28

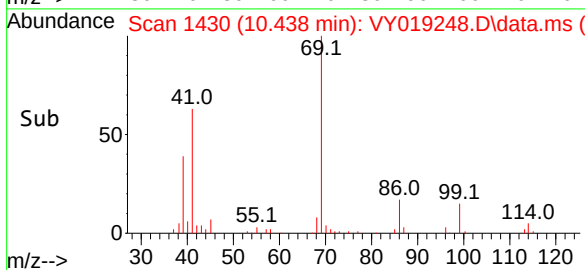
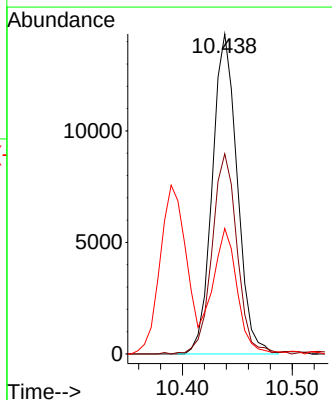
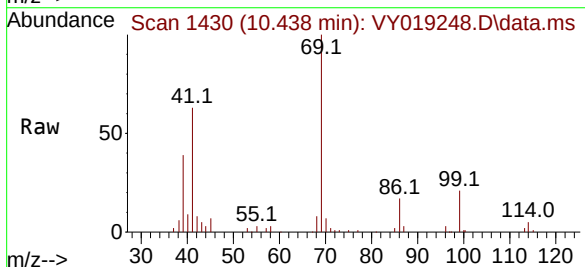
Instrument :
 MSVOA_Y
 ClientSampleId :

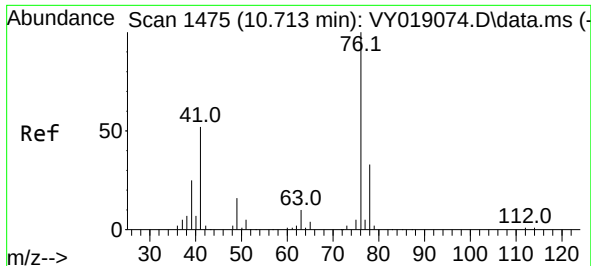
Tgt Ion:	97	Resp:	18437
Ion	Ratio	Lower	Upper
97	100		
83	91.8	67.5	101.3
85	57.7	42.9	64.3
99	70.3	46.6	70.0#



#56
 Ethyl methacrylate
 Concen: 19.069 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.006 min
 Lab File: VY019248.D
 Acq: 23 Aug 2024 11:28

Tgt Ion:	69	Resp:	22667
Ion	Ratio	Lower	Upper
69	100		
41	63.0	42.3	63.5
39	37.9	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 20.851 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

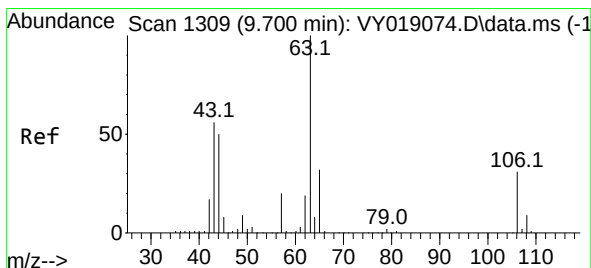
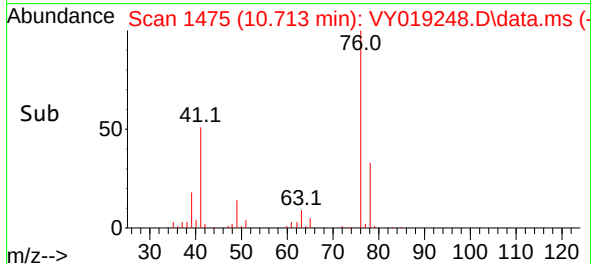
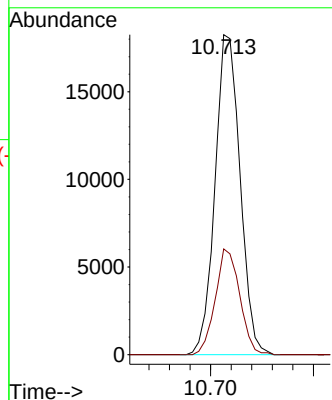
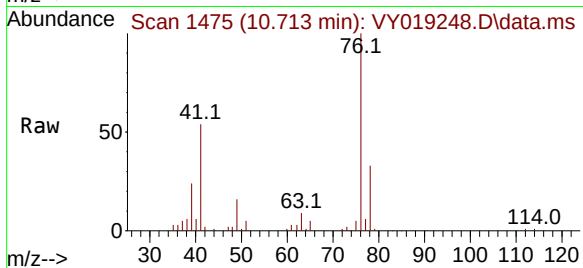
ClientSampleId :

Tgt Ion: 76 Resp: 30869

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 99.433 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019248.D

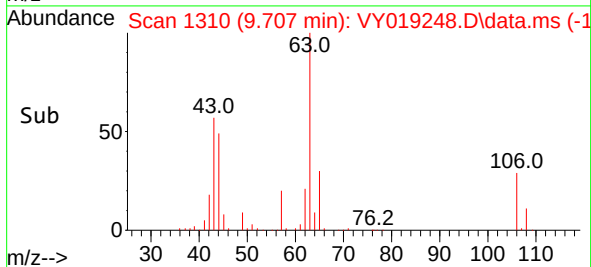
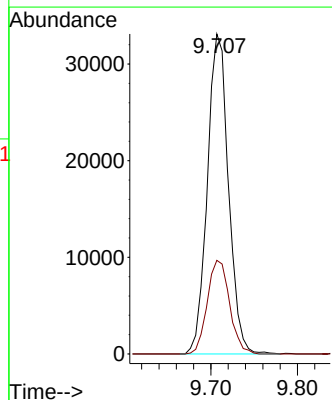
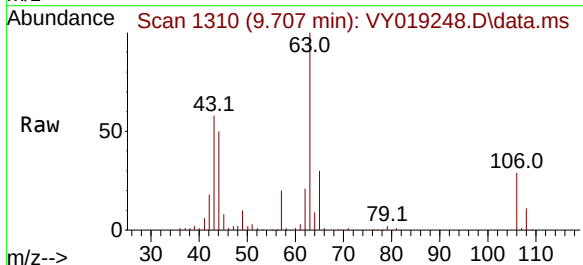
Acq: 23 Aug 2024 11:28

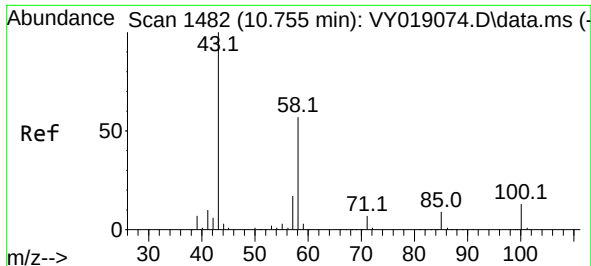
Tgt Ion: 63 Resp: 56072

Ion Ratio Lower Upper

63 100

106 30.8 23.7 35.5

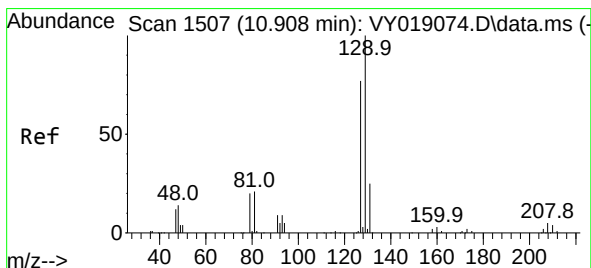
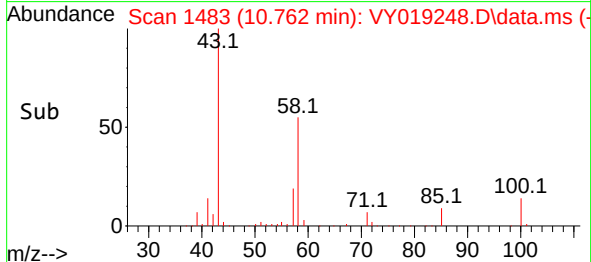
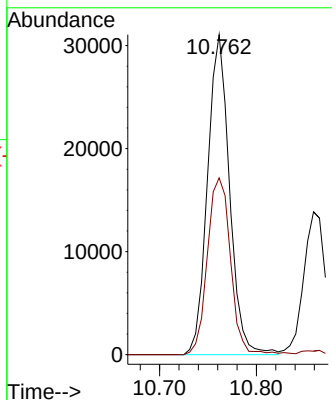
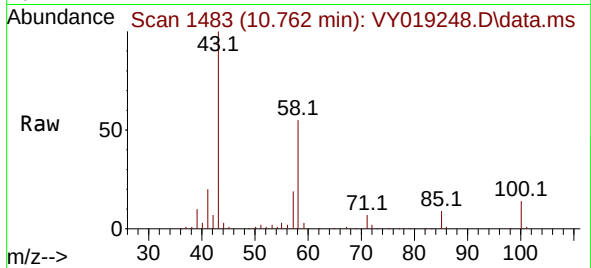




#59
2-Hexanone
Concen: 94.403 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

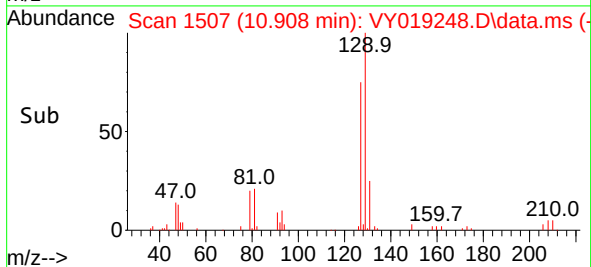
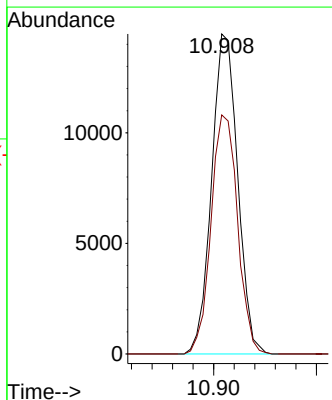
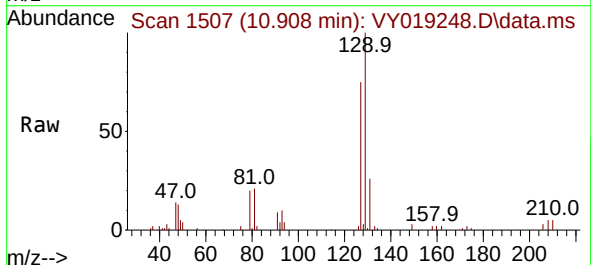
Instrument :
MSVOA_Y
ClientSampleId :

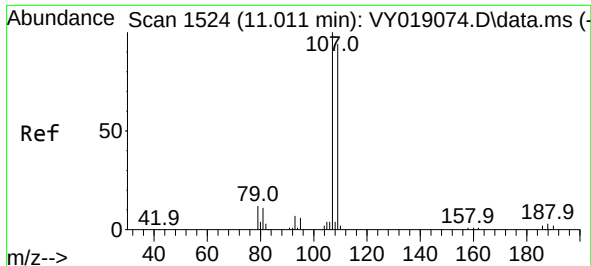
Tgt Ion: 43 Resp: 49095
Ion Ratio Lower Upper
43 100
58 58.3 31.4 94.0



#60
Dibromochloromethane
Concen: 20.577 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 129 Resp: 25452
Ion Ratio Lower Upper
129 100
127 76.0 39.0 117.0

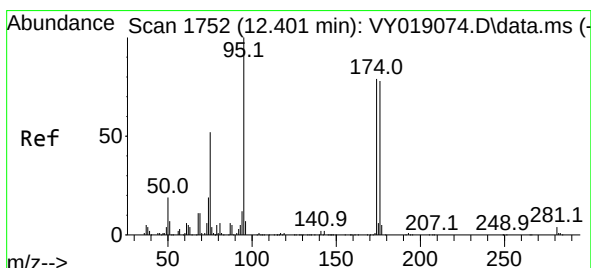
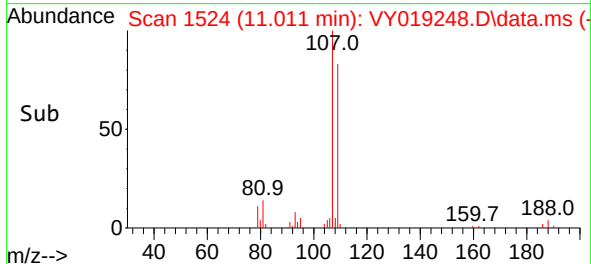
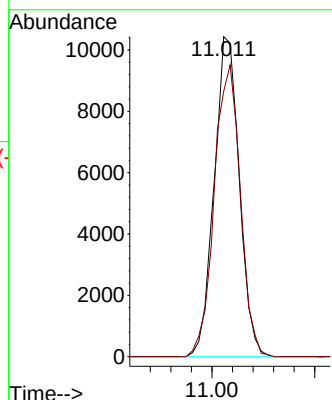
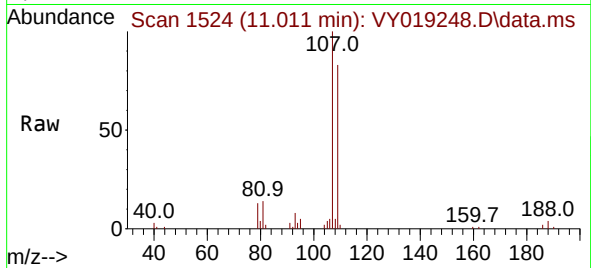




#61
1,2-Dibromoethane
Concen: 20.142 ug/l
RT: 11.011 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

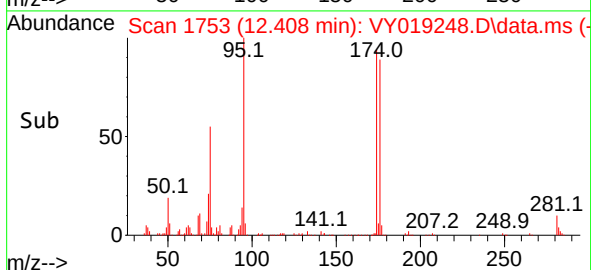
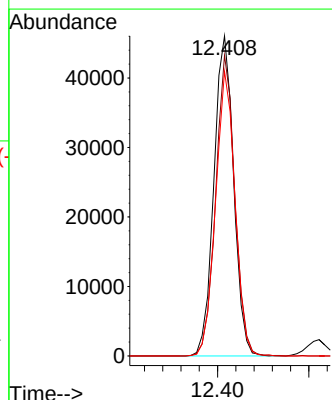
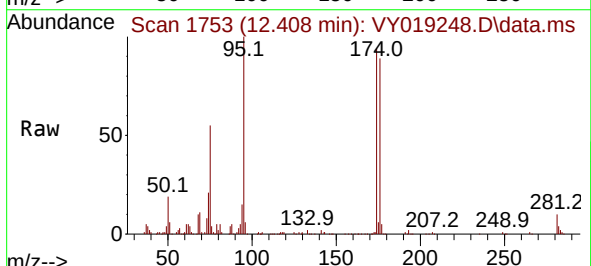
Instrument :
MSVOA_Y
ClientSampleId :

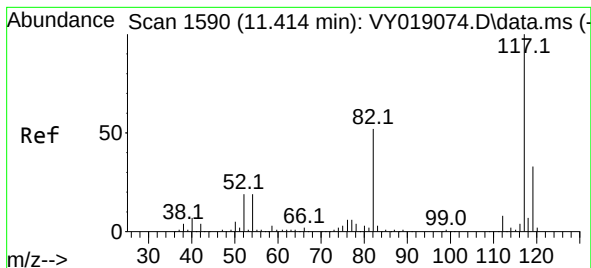
Tgt Ion:107 Resp: 17680
Ion Ratio Lower Upper
107 100
109 94.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.547 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 95 Resp: 69035
Ion Ratio Lower Upper
95 100
174 91.1 0.0 175.6
176 87.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

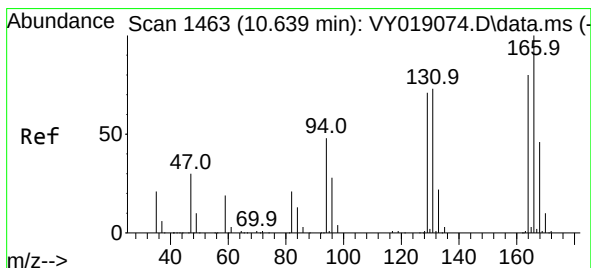
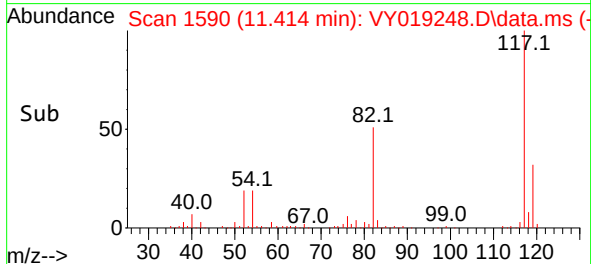
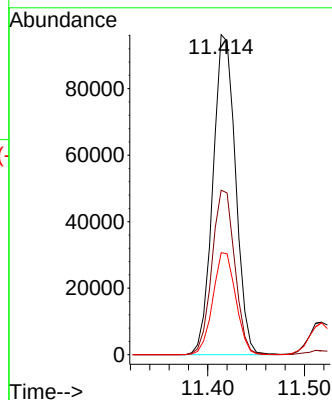
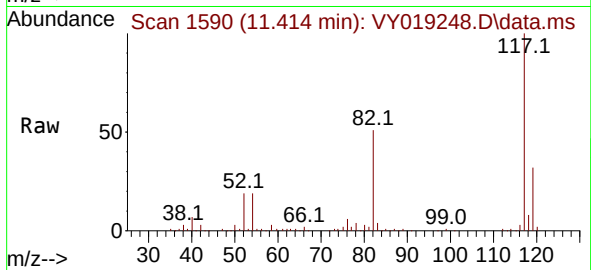
Tgt Ion:117 Resp: 156588

Ion Ratio Lower Upper

117 100

82 51.4 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 20.479 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Tgt Ion:164 Resp: 28029

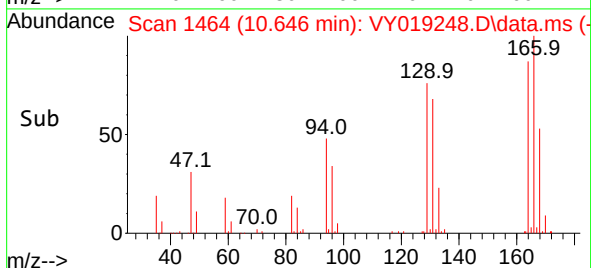
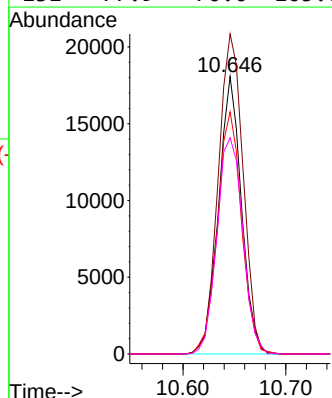
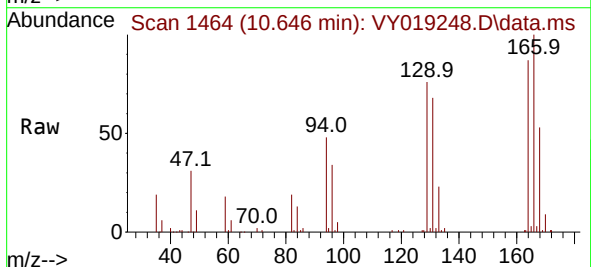
Ion Ratio Lower Upper

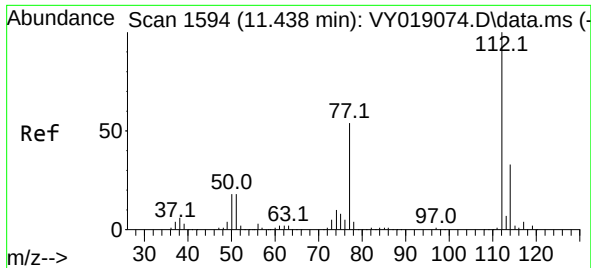
164 100

166 115.4 102.6 154.0

129 87.3 72.0 108.0

131 77.9 70.0 105.0

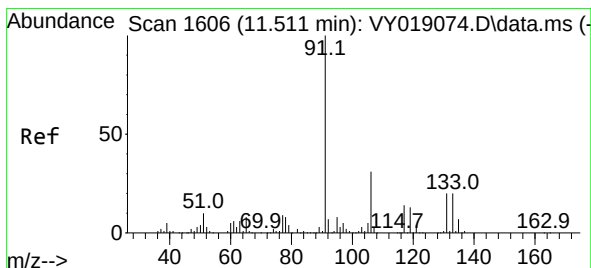
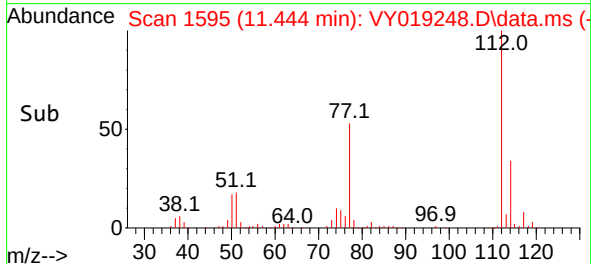
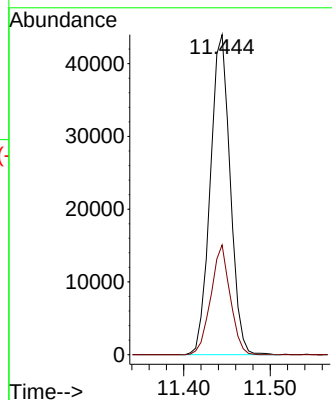
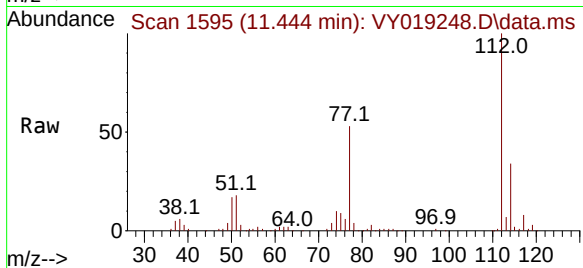




#65
Chlorobenzene
Concen: 19.454 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

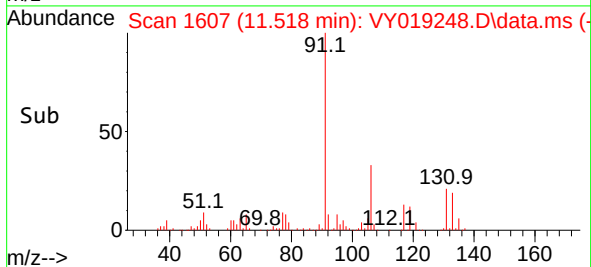
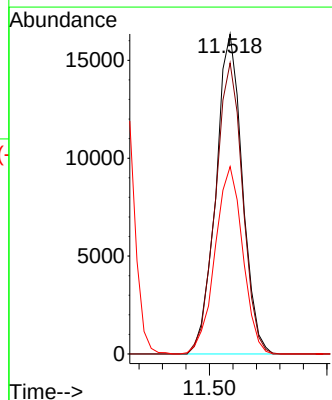
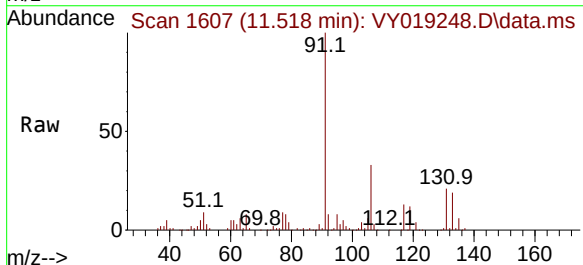
Instrument :
MSVOA_Y
ClientSampleId :

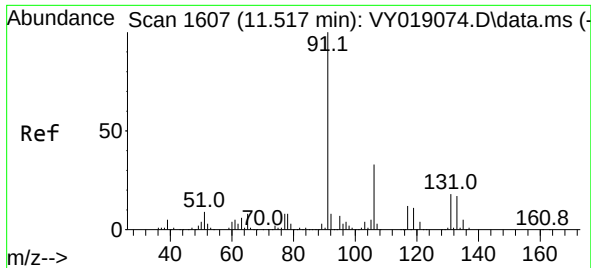
Tgt Ion:112 Resp: 70145
Ion Ratio Lower Upper
112 100
114 34.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.199 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion:131 Resp: 25612
Ion Ratio Lower Upper
131 100
133 93.2 47.8 143.3
119 61.1 34.1 102.2





#67

Ethyl Benzene

Concen: 19.253 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

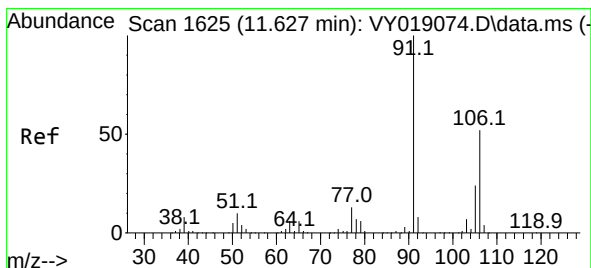
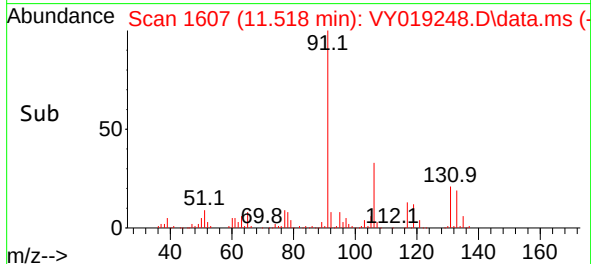
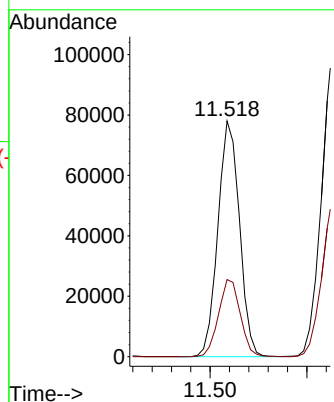
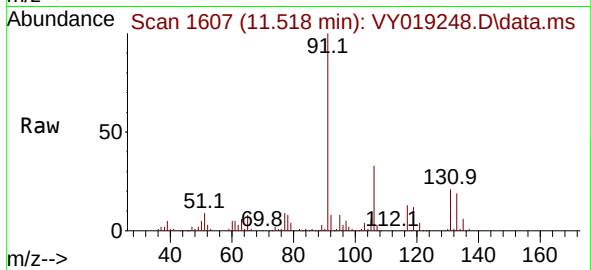
ClientSampleId :

Tgt Ion: 91 Resp: 120488

Ion Ratio Lower Upper

91 100

106 32.8 24.5 36.7



#68

m/p-Xylenes

Concen: 38.710 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019248.D

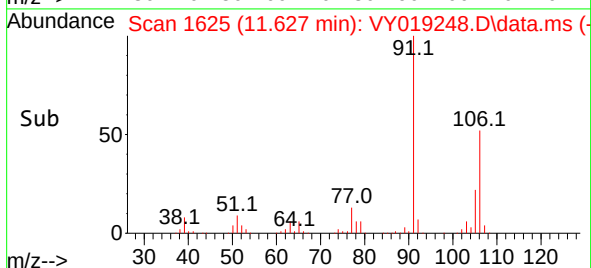
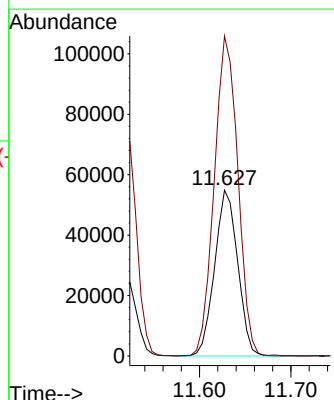
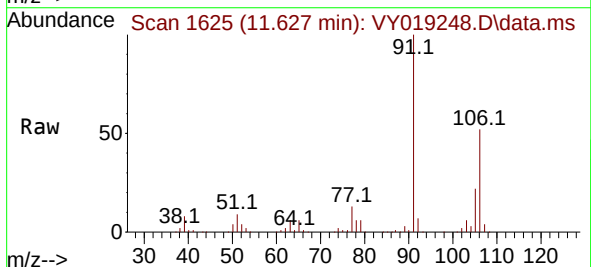
Acq: 23 Aug 2024 11:28

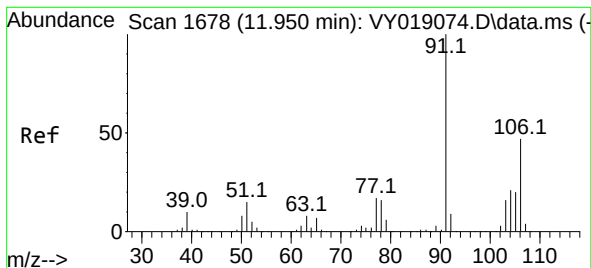
Tgt Ion:106 Resp: 96125

Ion Ratio Lower Upper

106 100

91 198.0 156.0 234.0





#69

o-Xylene

Concen: 19.551 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

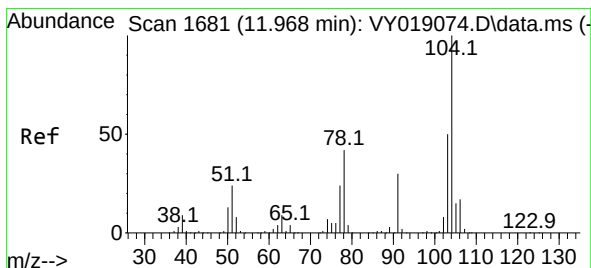
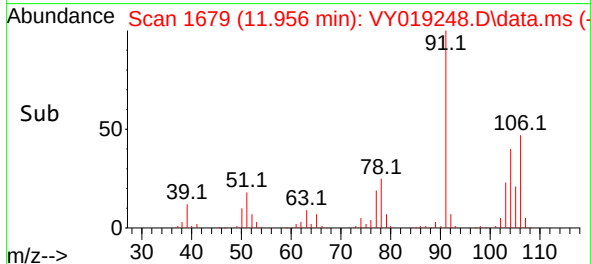
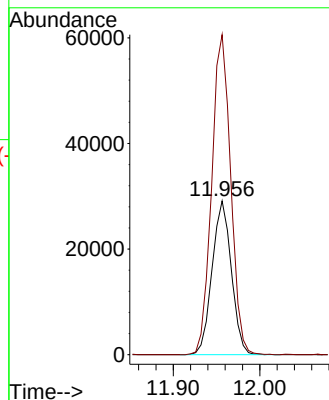
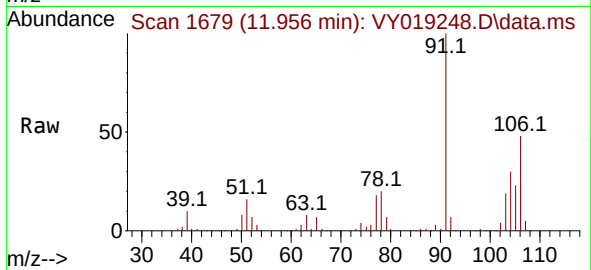
ClientSampleId :

Tgt Ion:106 Resp: 44959

Ion Ratio Lower Upper

106 100

91 205.6 103.6 310.8



#70

Styrene

Concen: 19.278 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

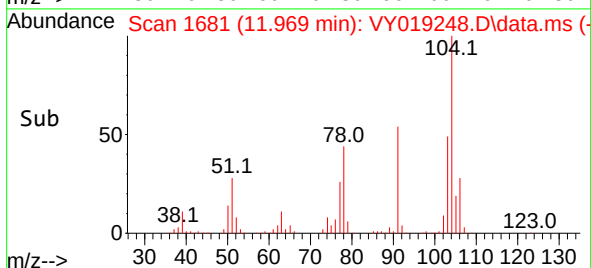
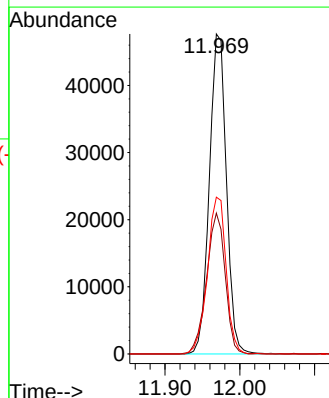
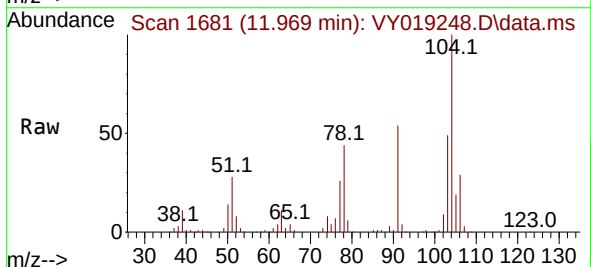
Tgt Ion:104 Resp: 75596

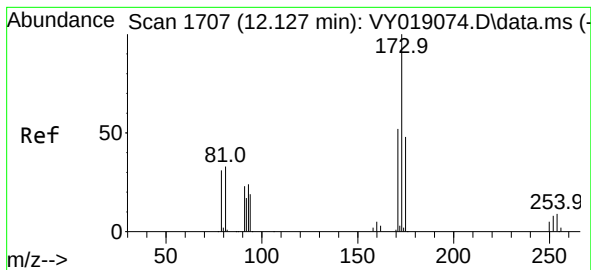
Ion Ratio Lower Upper

104 100

78 48.2 37.0 55.4

103 53.5 44.2 66.2





#71

Bromoform

Concen: 20.412 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

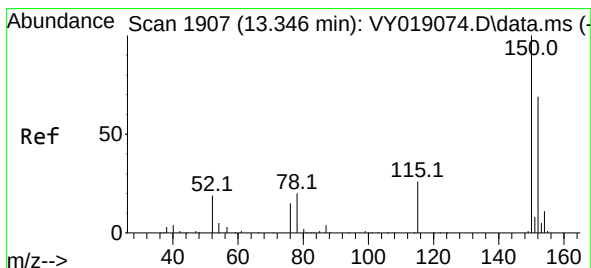
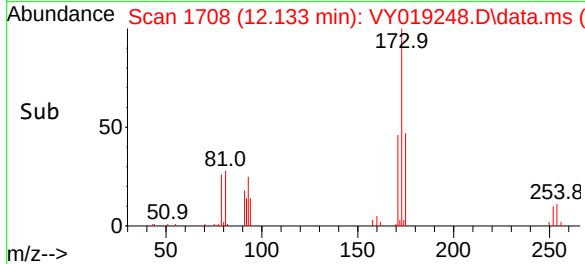
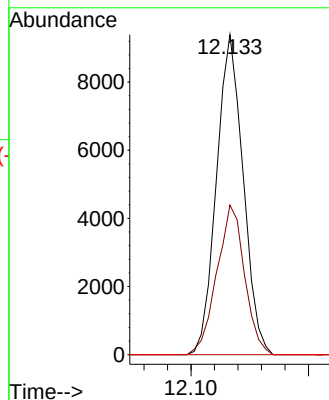
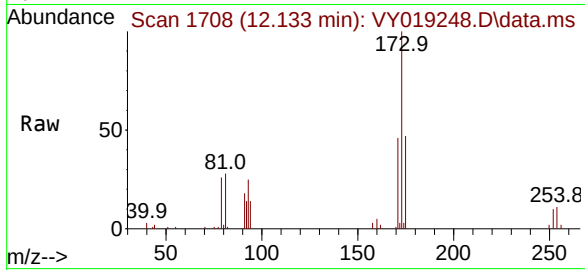
Tgt Ion:173 Resp: 14795

Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

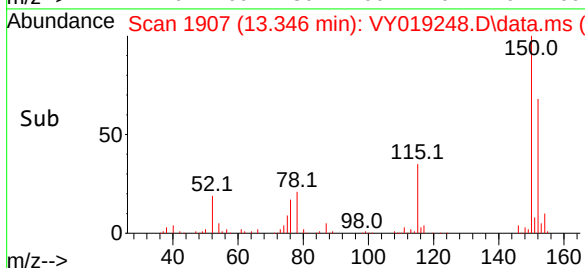
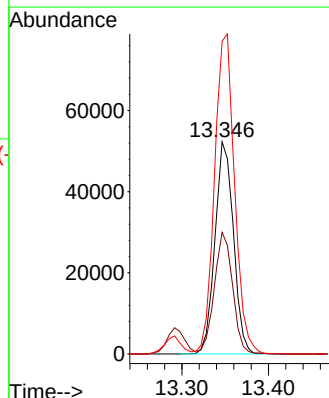
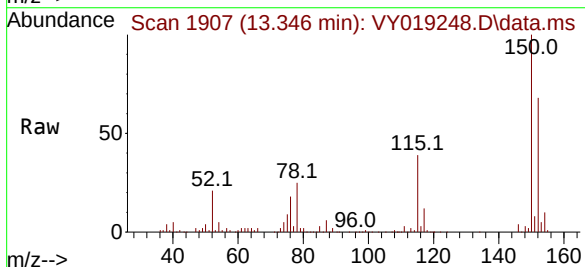
Tgt Ion:152 Resp: 77510

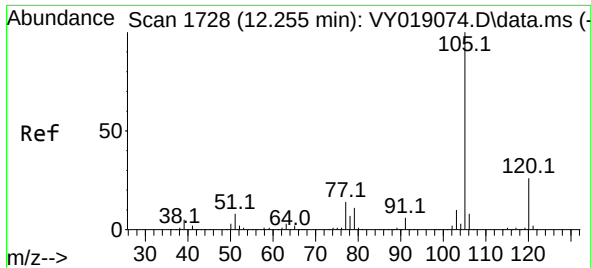
Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 163.8 0.0 345.6

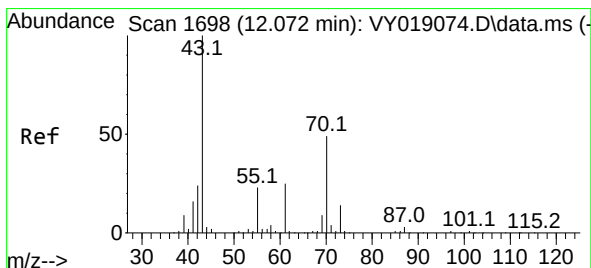
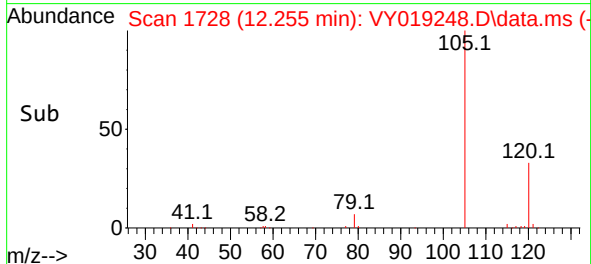
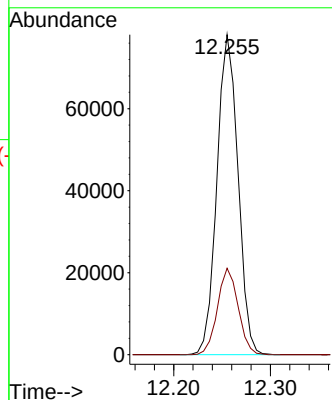
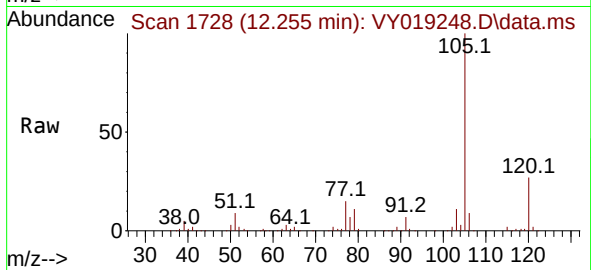




#73
Isopropylbenzene
Concen: 19.858 ug/l
RT: 12.255 min Scan# 117969
Delta R.T. 0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

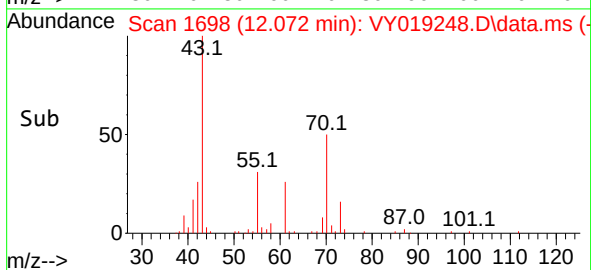
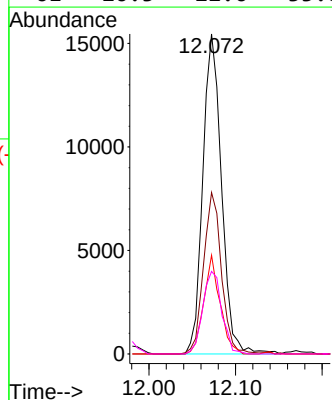
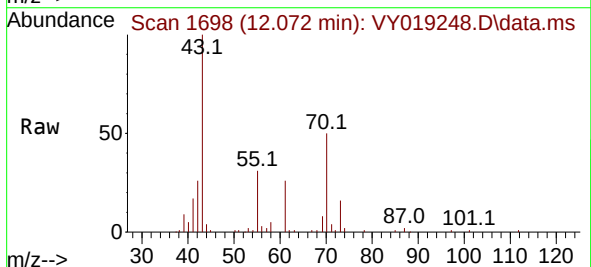
Instrument :
MSVOA_Y
ClientSampleId :

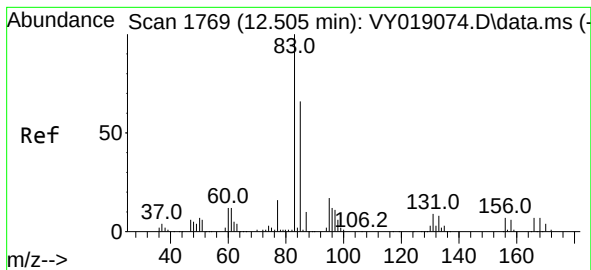
Tgt Ion:105 Resp: 117969
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1



#74
N-ethyl acetate
Concen: 17.926 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 43 Resp: 23222
Ion Ratio Lower Upper
43 100
70 48.3 41.4 62.2
55 26.8 23.3 34.9
61 26.3 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.275 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

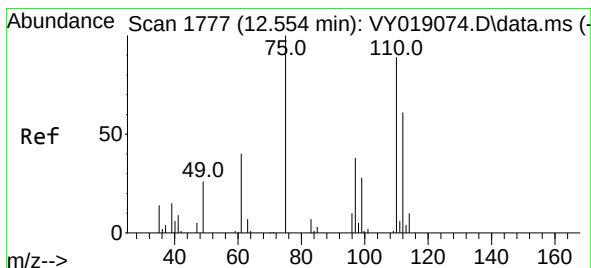
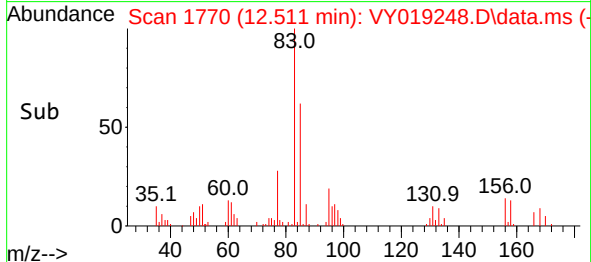
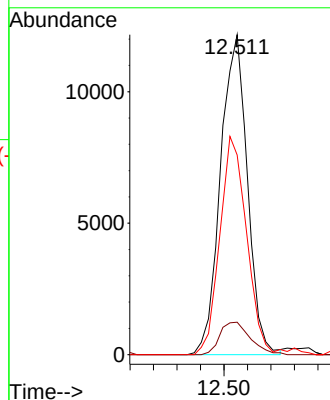
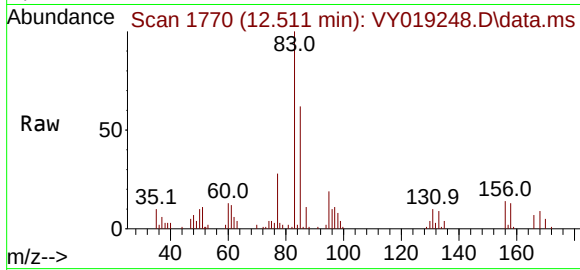
Tgt Ion: 83 Resp: 19328

Ion Ratio Lower Upper

83 100

131 11.5 5.0 14.9

85 68.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 33.356 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY019248.D

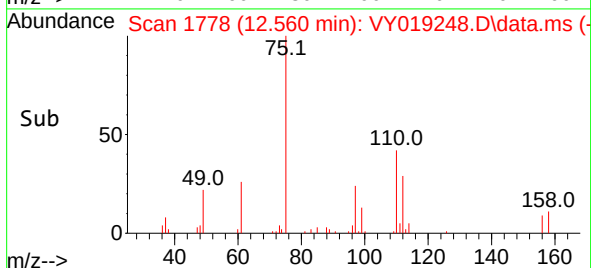
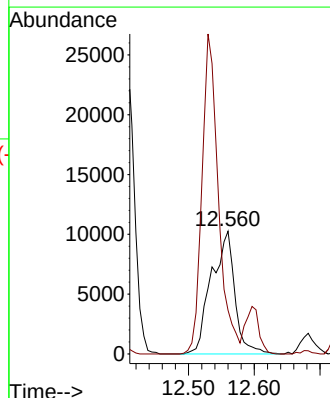
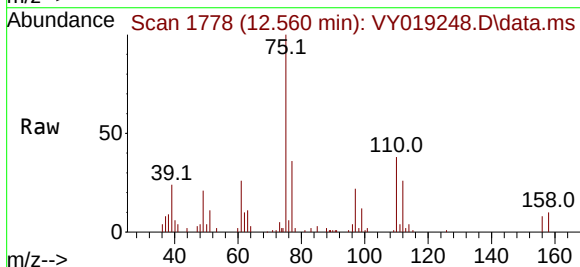
Acq: 23 Aug 2024 11:28

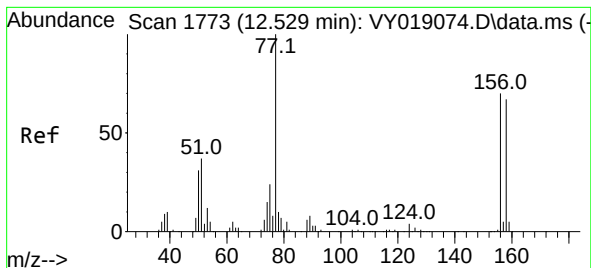
Tgt Ion: 75 Resp: 25497

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.964 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

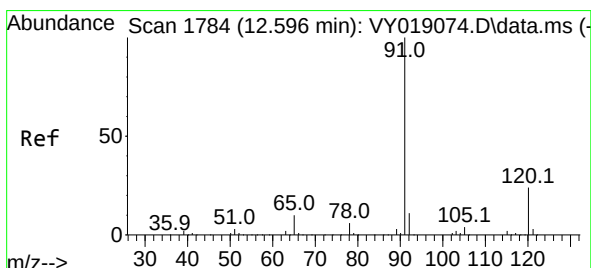
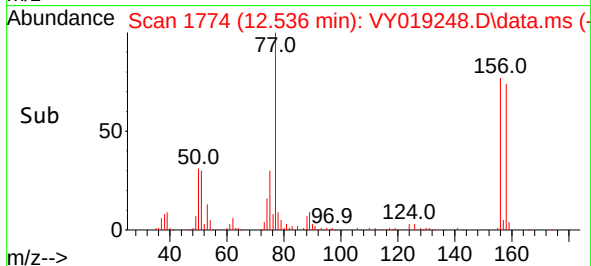
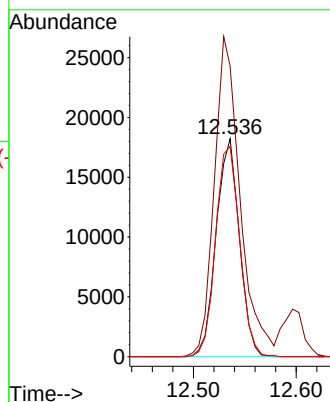
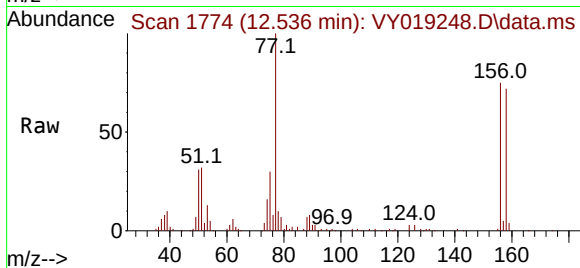
Tgt Ion:156 Resp: 28483

Ion Ratio Lower Upper

156 100

77 163.3 87.1 261.3

158 100.4 48.6 145.9



#78

n-propylbenzene

Concen: 19.881 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019248.D

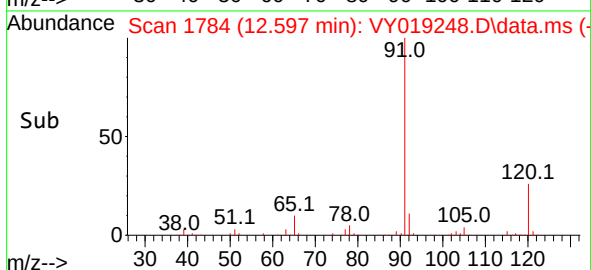
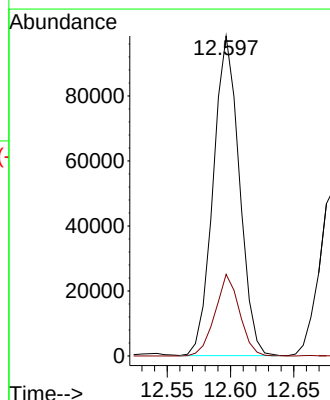
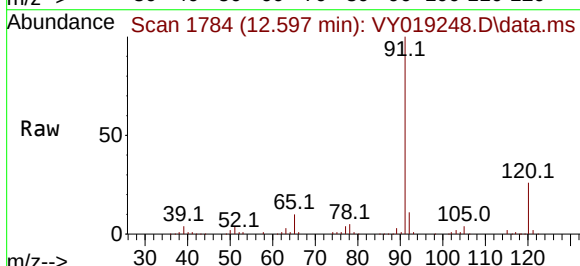
Acq: 23 Aug 2024 11:28

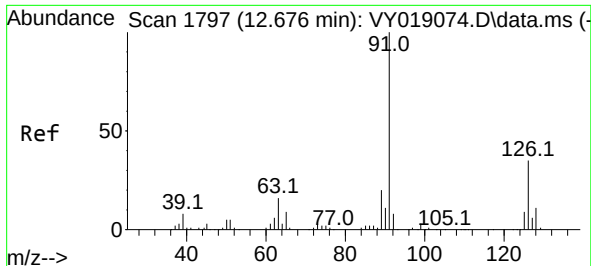
Tgt Ion: 91 Resp: 141193

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4

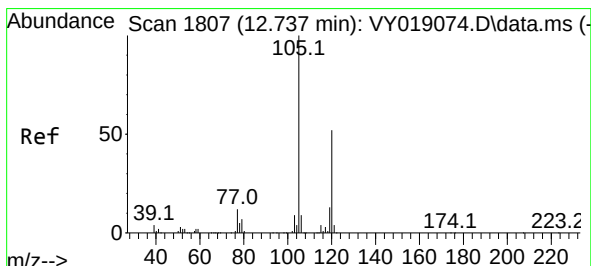
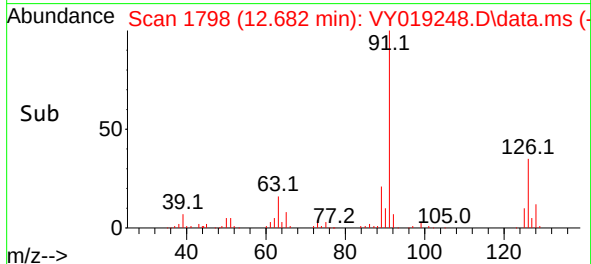
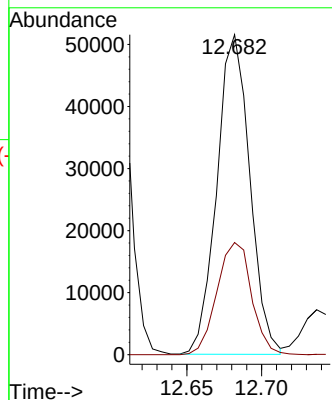
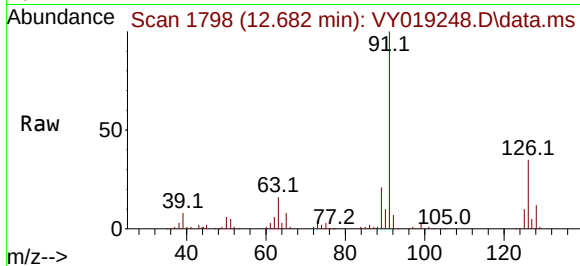




#79
2-Chlorotoluene
Concen: 19.823 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

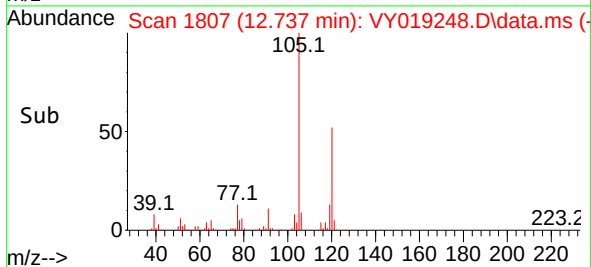
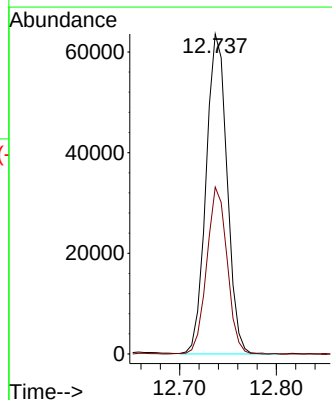
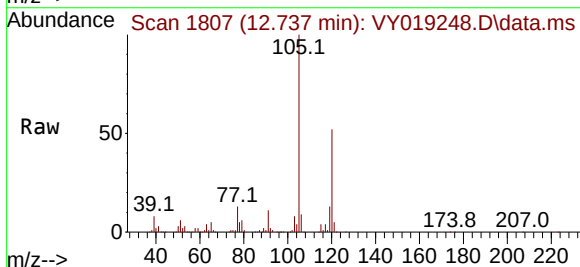
Instrument :
MSVOA_Y
ClientSampleId :

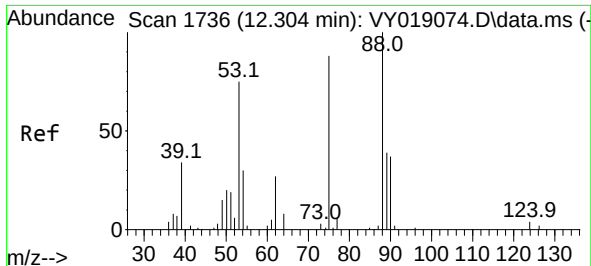
Tgt Ion: 91 Resp: 78928
Ion Ratio Lower Upper
91 100
126 36.8 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 19.785 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 105 Resp: 95754
Ion Ratio Lower Upper
105 100
120 50.6 25.1 75.2

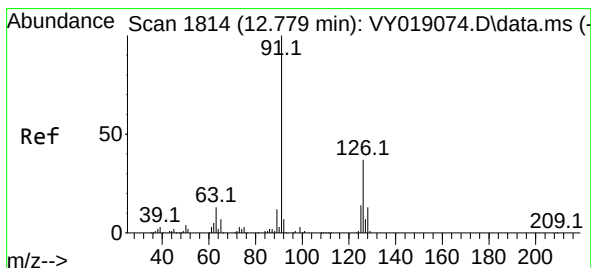
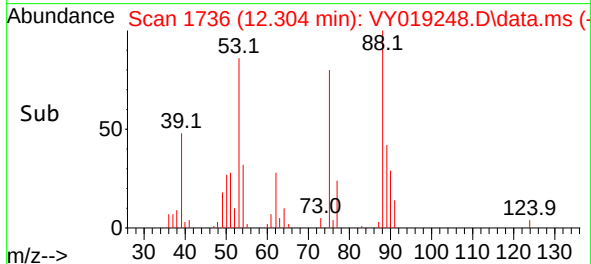
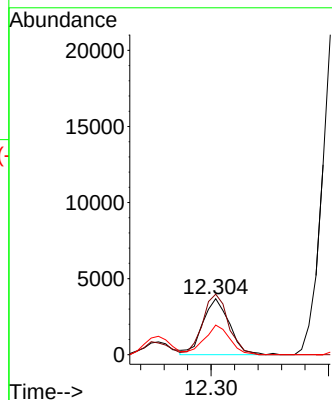
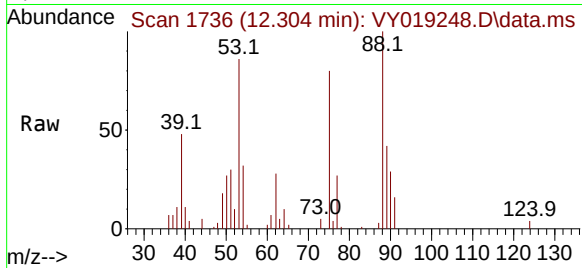




#81
trans-1,4-Dichloro-2-butene
Concen: 18.658 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

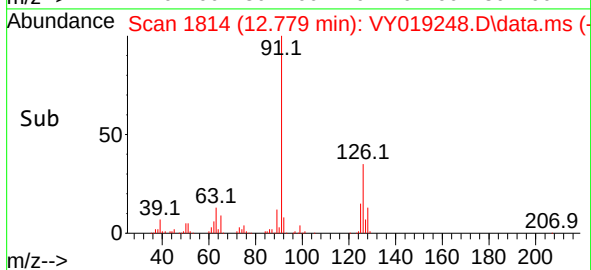
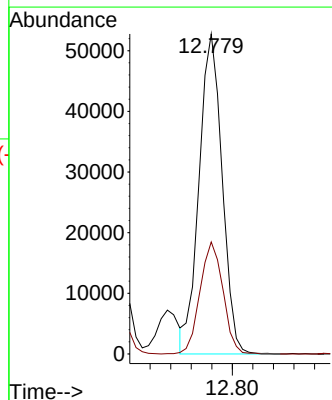
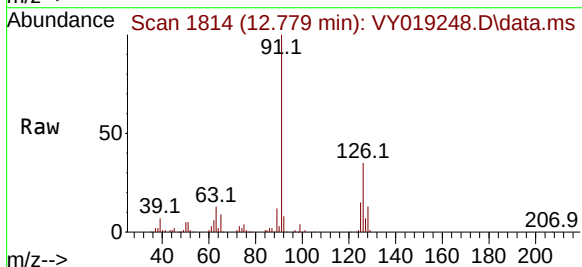
Instrument :
MSVOA_Y
ClientSampleId :

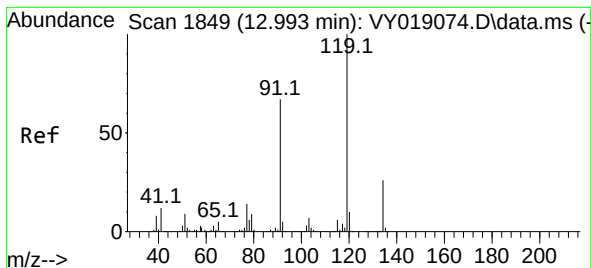
Tgt Ion: 75 Resp: 5775
Ion Ratio Lower Upper
75 100
53 104.6 66.8 100.2#
89 49.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.838 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 91 Resp: 82176
Ion Ratio Lower Upper
91 100
126 34.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.706 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

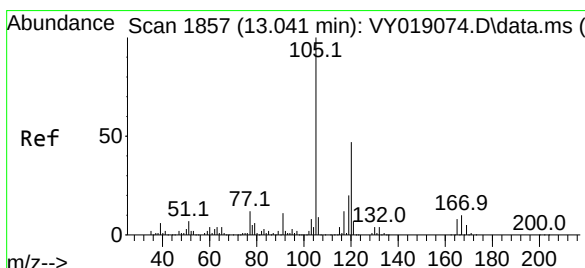
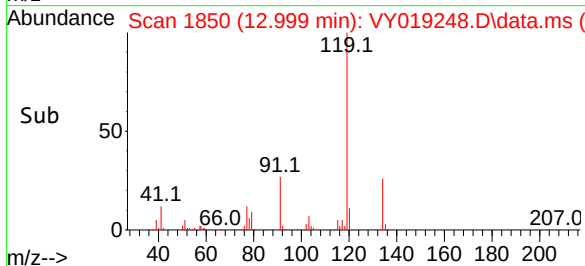
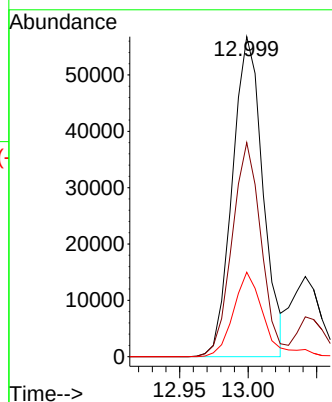
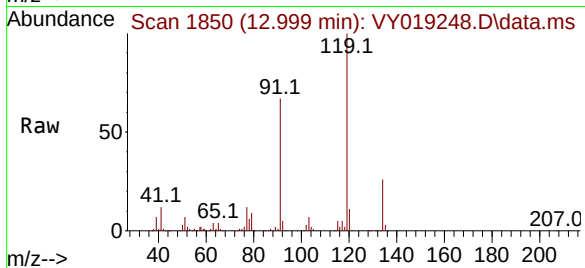
Tgt Ion:119 Resp: 88074

Ion Ratio Lower Upper

119 100

91 64.1 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.909 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY019248.D

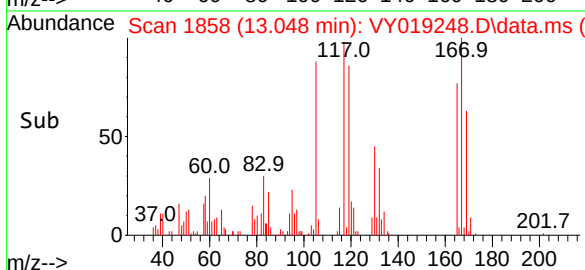
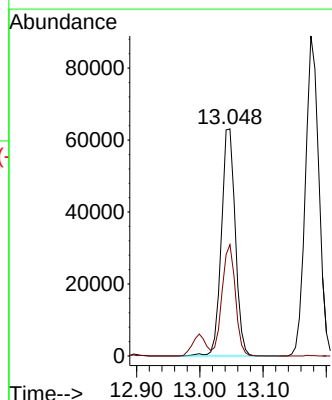
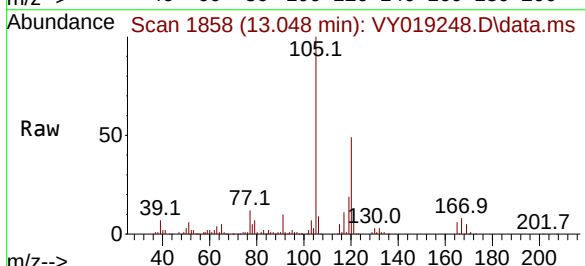
Acq: 23 Aug 2024 11:28

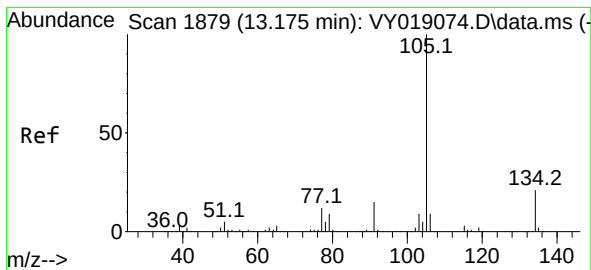
Tgt Ion:105 Resp: 96033

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.047 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

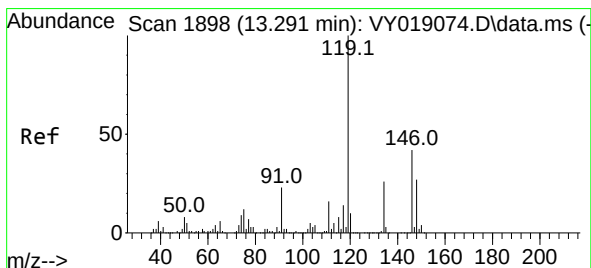
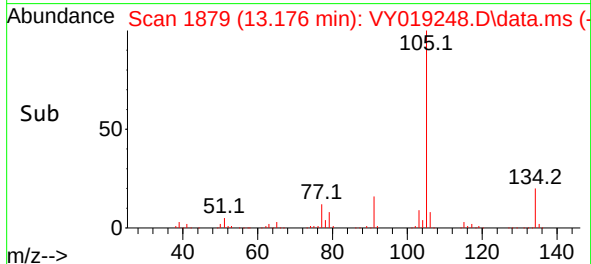
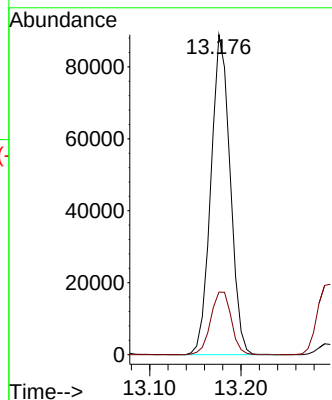
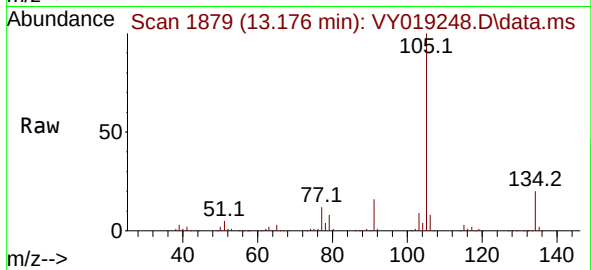
ClientSampleId :

Tgt Ion:105 Resp: 130567

Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.065 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

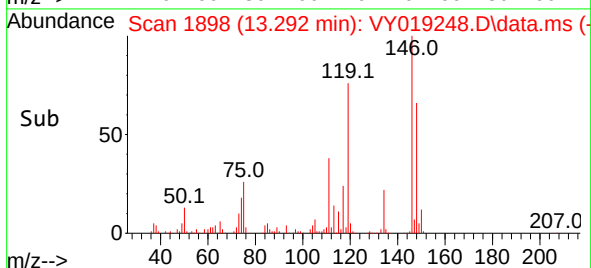
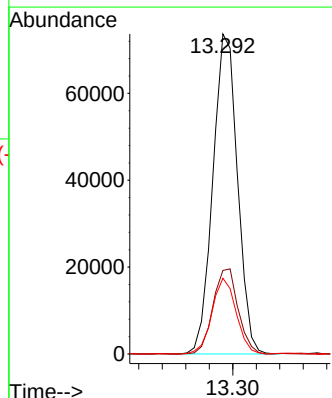
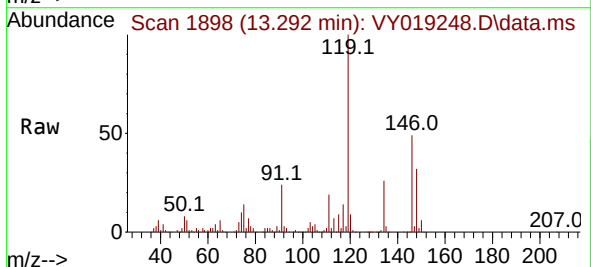
Tgt Ion:119 Resp: 107342

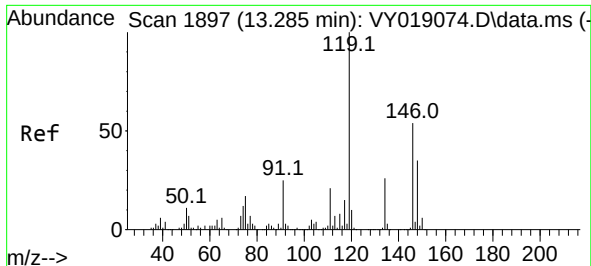
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

91 23.2 10.7 32.1

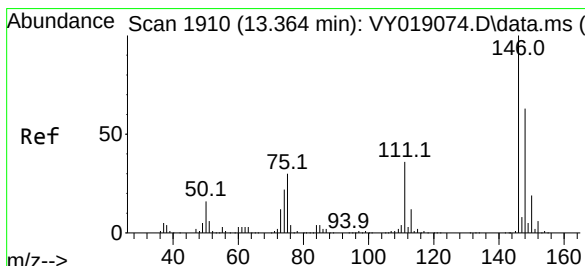
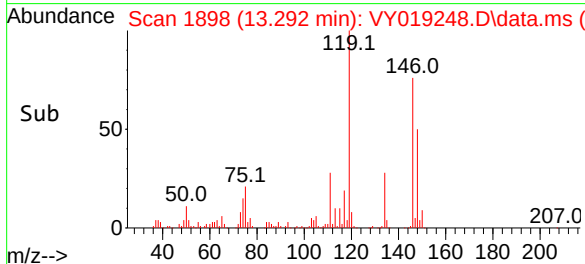
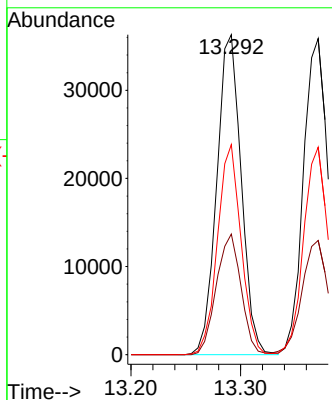
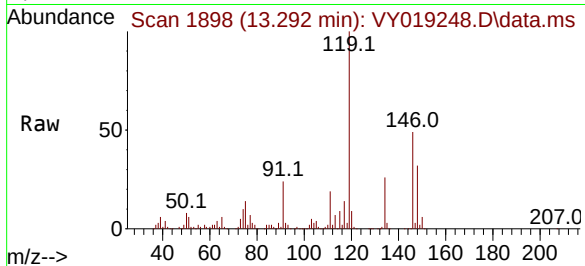




#87
1,3-Dichlorobenzene
Concen: 20.022 ug/l
RT: 13.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

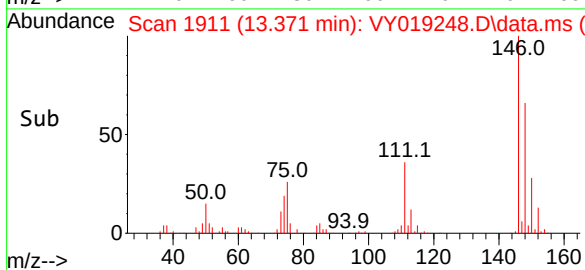
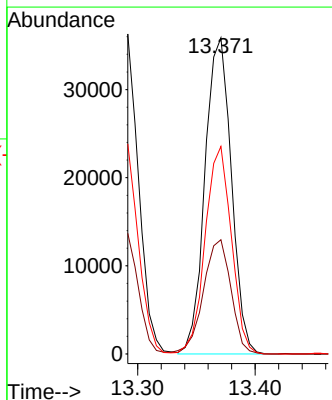
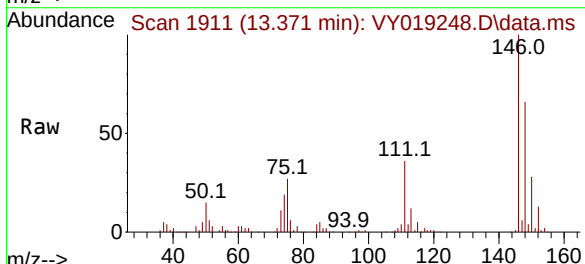
Instrument :
MSVOA_Y
ClientSampleId :

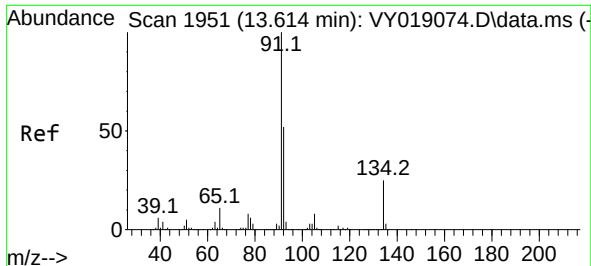
Tgt Ion:146 Resp: 56336
Ion Ratio Lower Upper
146 100
111 38.1 19.0 57.0
148 63.4 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 20.034 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion:146 Resp: 56033
Ion Ratio Lower Upper
146 100
111 37.8 18.4 55.4
148 65.3 32.4 97.2

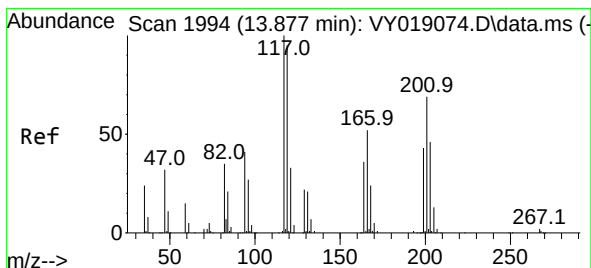
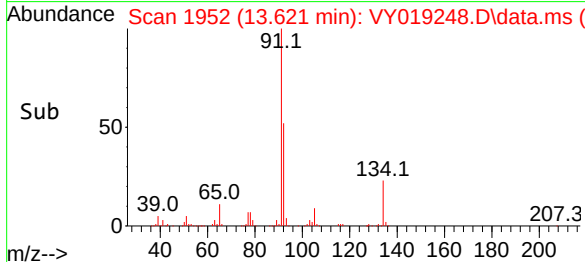
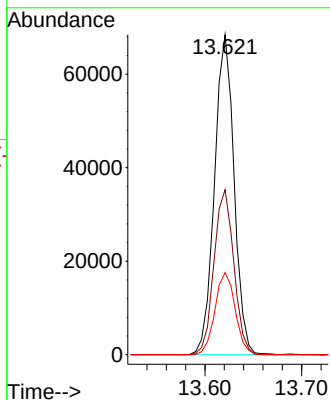
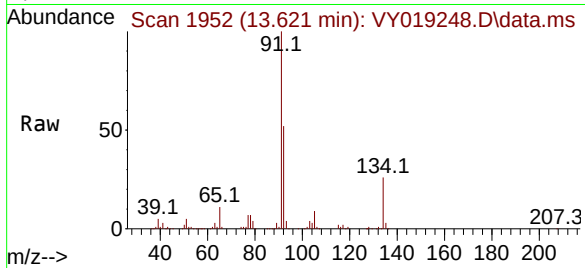




#89
n-Butylbenzene
Concen: 19.716 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

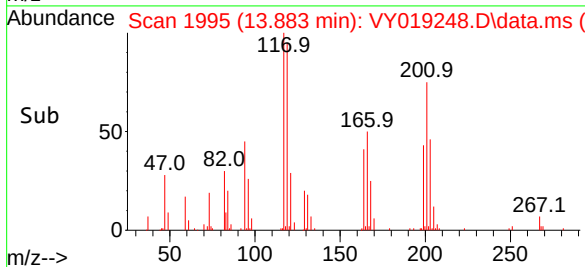
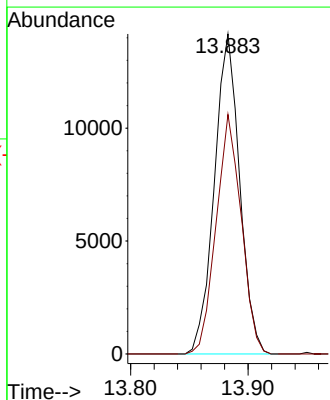
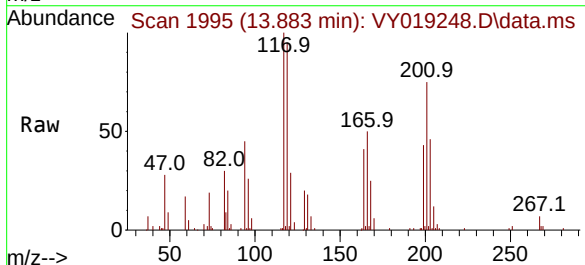
Instrument :
MSVOA_Y
ClientSampleId :

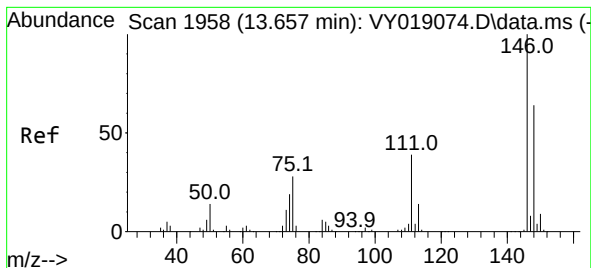
Tgt Ion: 91 Resp: 96162
Ion Ratio Lower Upper
91 100
92 52.1 26.6 79.7
134 26.5 12.9 38.7



#90
Hexachloroethane
Concen: 20.137 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 117 Resp: 21234
Ion Ratio Lower Upper
117 100
201 74.2 37.4 112.2

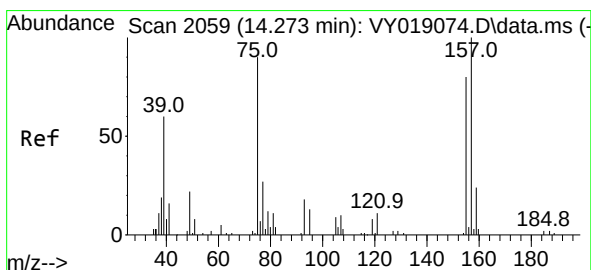
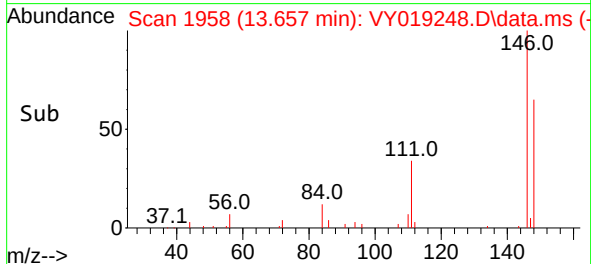
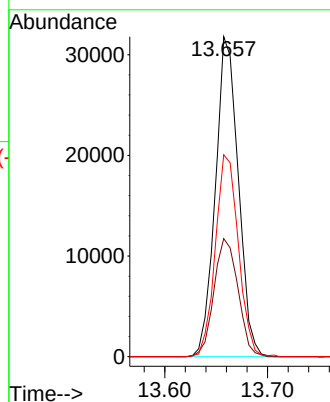
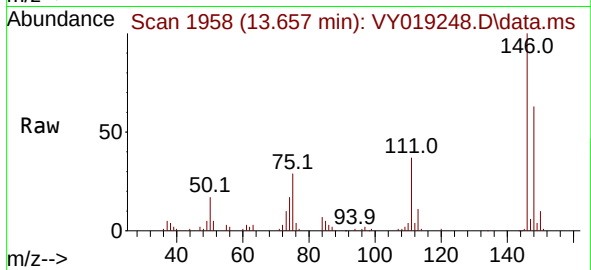




#91
1,2-Dichlorobenzene
Concen: 19.851 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

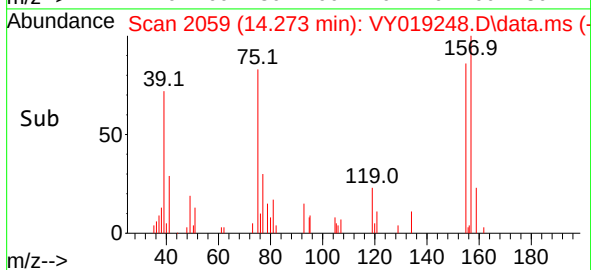
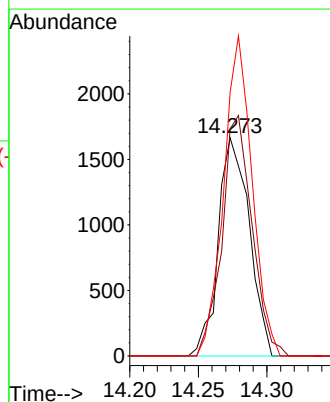
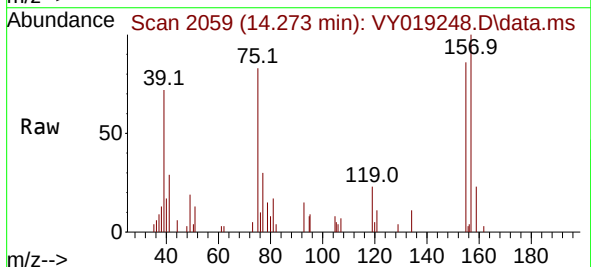
Instrument :
MSVOA_Y
ClientSampleId :

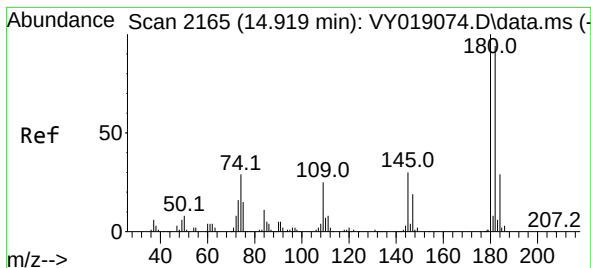
Tgt Ion:146 Resp: 49123
Ion Ratio Lower Upper
146 100
111 38.7 19.9 59.7
148 63.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.826 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019248.D
Acq: 23 Aug 2024 11:28

Tgt Ion: 75 Resp: 2618
Ion Ratio Lower Upper
75 100
155 107.1 48.6 145.8
157 134.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.672 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

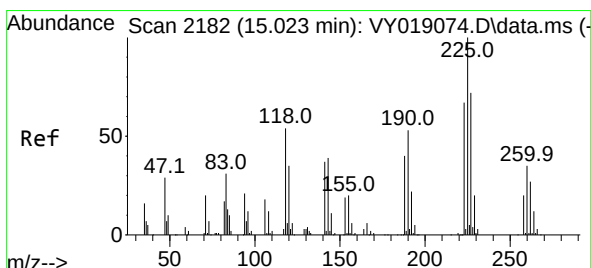
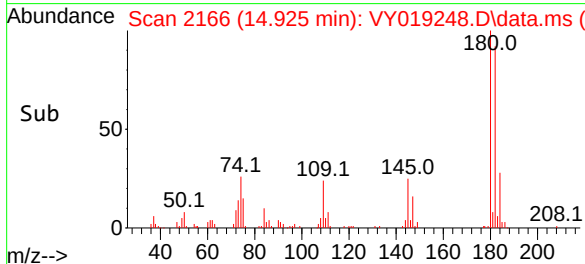
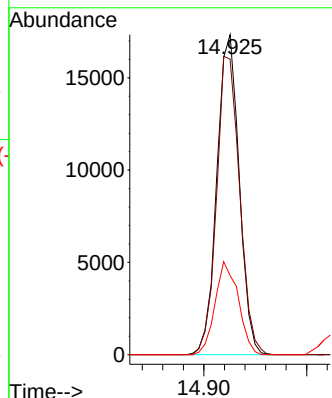
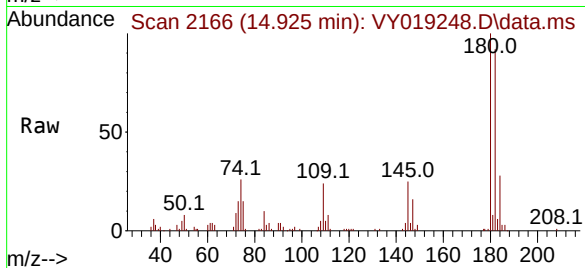
Tgt Ion:180 Resp: 26058

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.8

145 30.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.897 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

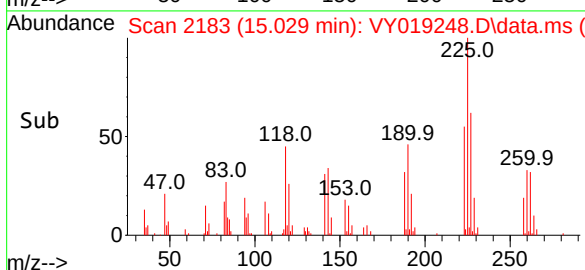
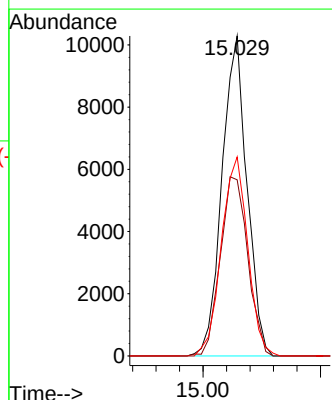
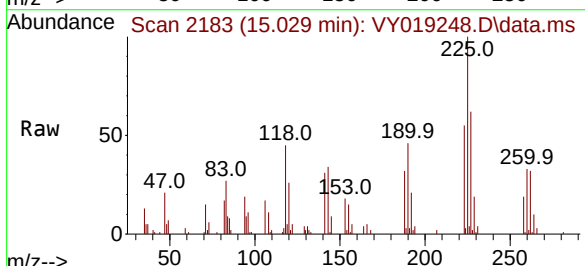
Tgt Ion:225 Resp: 15190

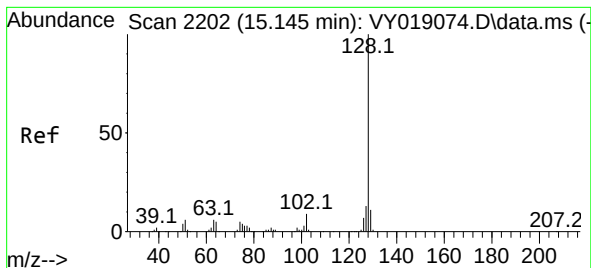
Ion Ratio Lower Upper

225 100

223 61.6 30.4 91.2

227 65.5 31.9 95.9





#95

Naphthalene

Concen: 17.376 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

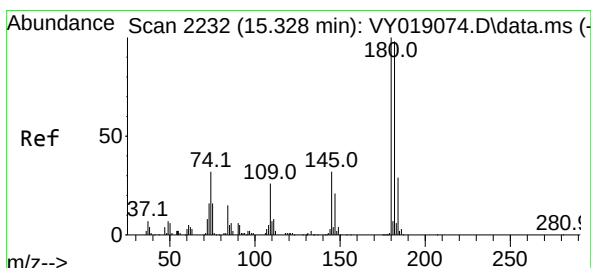
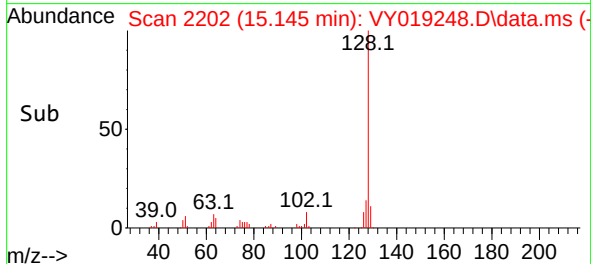
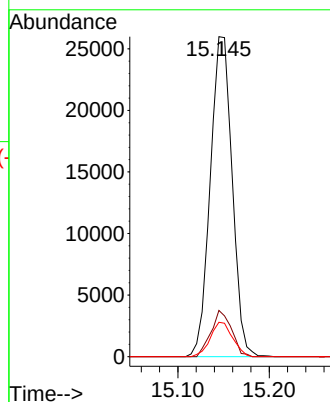
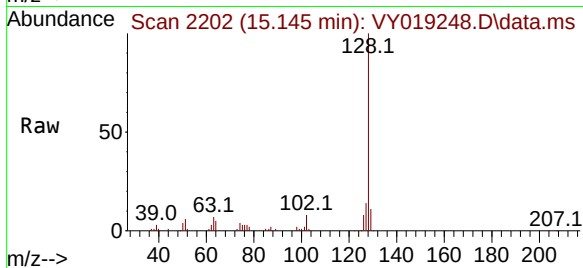
Tgt Ion:128 Resp: 43277

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.174 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019248.D

Acq: 23 Aug 2024 11:28

Tgt Ion:180 Resp: 22568

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.9

145 31.3 15.4 46.1

