

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019302.D
 Acq On : 27 Aug 2024 23:44
 Operator : SY/MD
 Sample : VY0827SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 03:32:58 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	83669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	138403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	134134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	66026	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	40377	48.141	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.280%
35) Dibromofluoromethane	7.628	113	42709	47.194	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.380%
50) Toluene-d8	10.103	98	158403	48.640	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.408	95	54247	48.863	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	97.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	12444	20.272	ug/l	98
3) Chloromethane	2.068	50	19351	17.489	ug/l	96
4) Vinyl Chloride	2.196	62	23720	17.355	ug/l	99
5) Bromomethane	2.580	94	20711	21.442	ug/l	98
6) Chloroethane	2.726	64	15207	16.289	ug/l	92
7) Trichlorofluoromethane	3.043	101	32525	15.740	ug/l	90
8) Diethyl Ether	3.452	74	8588	19.255	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.805	101	18045	19.643	ug/l	98
10) Methyl Iodide	3.988	142	14295	15.876	ug/l	96
11) Tert butyl alcohol	4.830	59	10558	127.405	ug/l #	94
12) 1,1-Dichloroethene	3.775	96	16581	19.867	ug/l	96
13) Acrolein	3.641	56	5263	69.308	ug/l	97
14) Allyl chloride	4.366	41	21147	19.058	ug/l	92
15) Acrylonitrile	5.043	53	19160	104.987	ug/l	98
16) Acetone	3.860	43	16004	102.892	ug/l	93
17) Carbon Disulfide	4.092	76	43472	18.467	ug/l	99
18) Methyl Acetate	4.372	43	10837	22.701	ug/l	100
19) Methyl tert-butyl Ether	5.098	73	41462	20.491	ug/l #	89
20) Methylene Chloride	4.604	84	28116	23.734	ug/l	94
21) trans-1,2-Dichloroethene	5.098	96	18717	20.073	ug/l	91
22) Diisopropyl ether	6.006	45	50124	19.732	ug/l #	89
23) Vinyl Acetate	5.945	43	188929	93.942	ug/l	98
24) 1,1-Dichloroethane	5.903	63	32066	20.641	ug/l	99
25) 2-Butanone	6.884	43	24557	98.033	ug/l	99
26) 2,2-Dichloropropane	6.872	77	22265	17.699	ug/l	95
27) cis-1,2-Dichloroethene	6.878	96	22285	20.309	ug/l	98
28) Bromochloromethane	7.232	49	13583	20.844	ug/l	94
29) Tetrahydrofuran	7.250	42	16075	99.829	ug/l	96
30) Chloroform	7.415	83	36241	20.936	ug/l	100
31) Cyclohexane	7.689	56	25481	18.547	ug/l	95
32) 1,1,1-Trichloroethane	7.610	97	31638	20.797	ug/l	97
36) 1,1-Dichloropropene	7.829	75	23541	18.944	ug/l	99
37) Ethyl Acetate	6.970	43	11692	21.236	ug/l	97
38) Carbon Tetrachloride	7.811	117	28523	19.806	ug/l	99
39) Methylcyclohexane	9.103	83	29666	18.603	ug/l	93
40) Benzene	8.073	78	77130	20.238	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	8813	29.328	ug/l #	38
42) 1,2-Dichloroethane	8.146	62	20000	19.433	ug/l	99
43) Isopropyl Acetate	8.189	43	22066	19.818	ug/l #	83
44) Trichloroethene	8.859	130	20999	19.746	ug/l	94
45) 1,2-Dichloropropane	9.134	63	17614	20.743	ug/l	96
46) Dibromomethane	9.225	93	11493	20.868	ug/l	98
47) Bromodichloromethane	9.420	83	28384	21.006	ug/l	99
48) Methyl methacrylate	9.213	41	9722	19.592	ug/l #	89
49) 1,4-Dioxane	9.219	88	3035	454.911	ug/l #	95
51) 4-Methyl-2-Pentanone	9.999	43	60563	102.479	ug/l	94
52) Toluene	10.170	92	50613	20.231	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	22405	19.989	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	26867	19.931	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	15120	21.326	ug/l	96
56) Ethyl methacrylate	10.438	69	18804	20.262	ug/l #	83
57) 1,3-Dichloropropane	10.713	76	24716	21.385	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	47000	106.757	ug/l	94
59) 2-Hexanone	10.762	43	40778	100.435	ug/l	95
60) Dibromochloromethane	10.908	129	21776	22.550	ug/l	97
61) 1,2-Dibromoethane	11.011	107	15960	23.290	ug/l	97
64) Tetrachloroethene	10.646	164	23796	20.296	ug/l	94
65) Chlorobenzene	11.438	112	63768	20.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	22476	20.693	ug/l	98
67) Ethyl Benzene	11.517	91	107978	20.142	ug/l	97
68) m/p-Xylenes	11.627	106	84737	39.837	ug/l	99
69) o-Xylene	11.956	106	40440	20.530	ug/l	98
70) Styrene	11.969	104	65642	19.542	ug/l	99
71) Bromoform	12.133	173	13119	21.129	ug/l #	100
73) Isopropylbenzene	12.255	105	94562	18.686	ug/l	98
74) N-amyl acetate	12.072	43	22403	20.302	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	18448	20.477	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	23063	35.420	ug/l #	100
77) Bromobenzene	12.529	156	25678	21.128	ug/l	96
78) n-propylbenzene	12.597	91	124870	20.641	ug/l	98
79) 2-Chlorotoluene	12.682	91	69693	20.548	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	82978	20.127	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	4384	16.628	ug/l #	80
82) 4-Chlorotoluene	12.779	91	70535	19.989	ug/l	97
83) tert-Butylbenzene	12.999	119	77073	20.244	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	81661	19.875	ug/l	99
85) sec-Butylbenzene	13.176	105	103974	18.741	ug/l	100
86) p-Isopropyltoluene	13.292	119	88791	19.484	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	46675	19.474	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	49495	20.774	ug/l	96
89) n-Butylbenzene	13.621	91	83118	20.005	ug/l	98
90) Hexachloroethane	13.877	117	17508	19.492	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	40878	19.392	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2797	21.104	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	21363	17.970	ug/l	98
94) Hexachlorobutadiene	15.023	225	12496	20.181	ug/l	93
95) Naphthalene	15.145	128	39388	18.565	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	20332	20.278	ug/l	99

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QLast Update : Fri Aug 16 05:10:30 2024
Response via : Initial Calibration

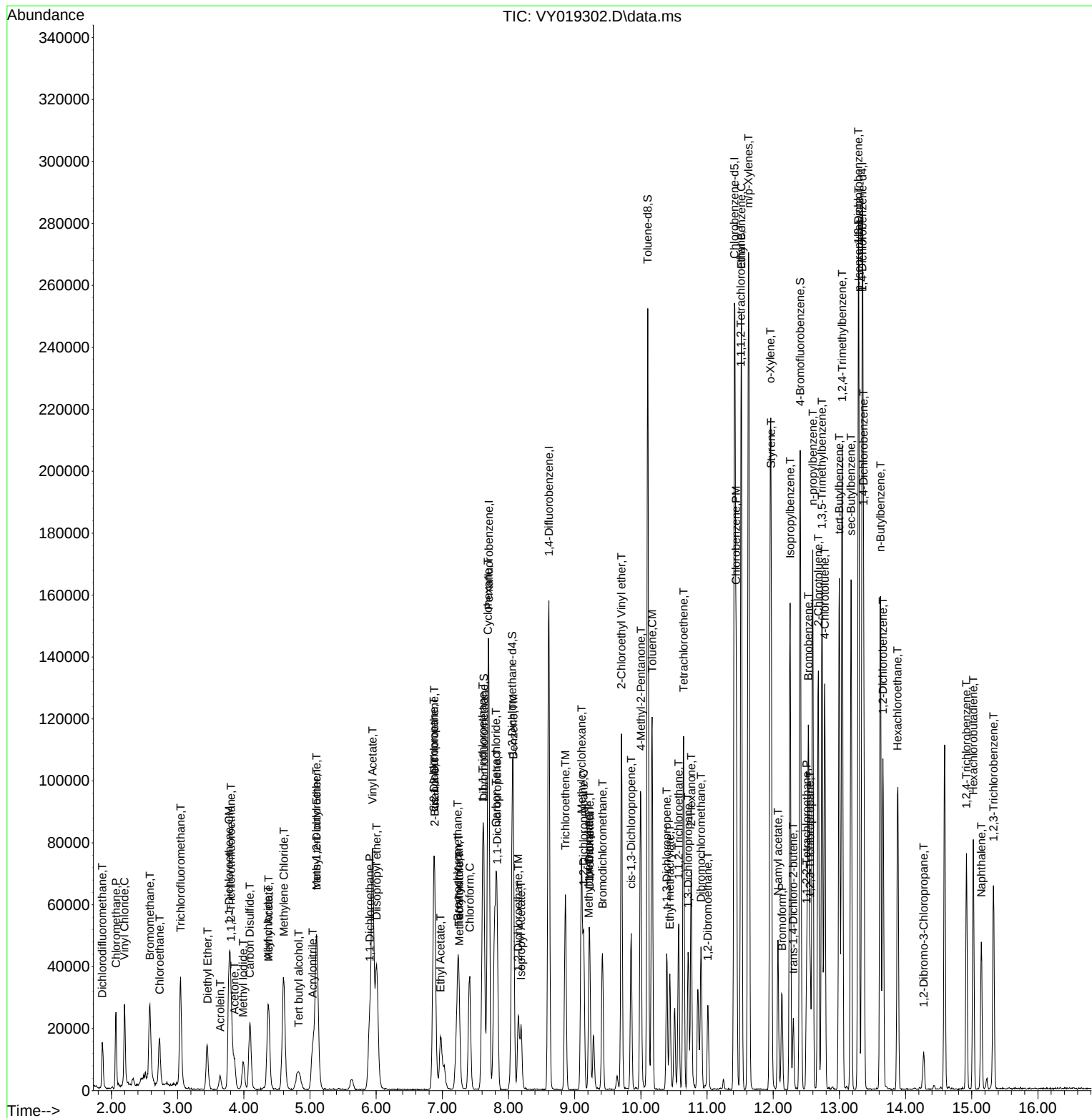
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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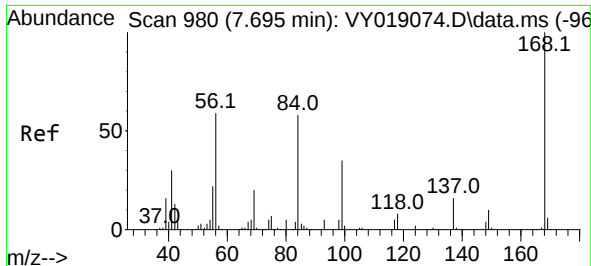
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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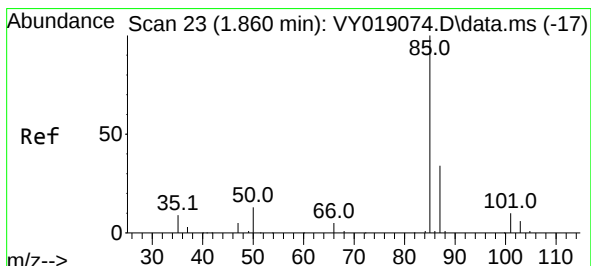
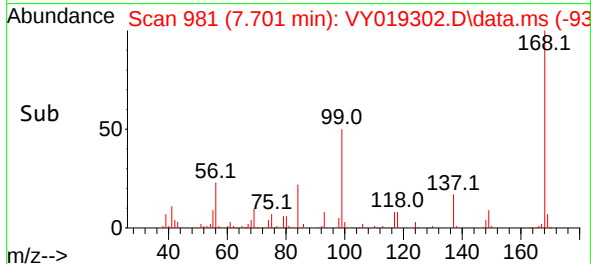
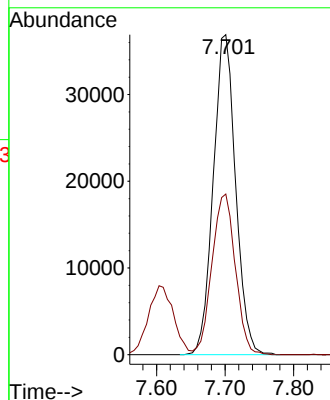
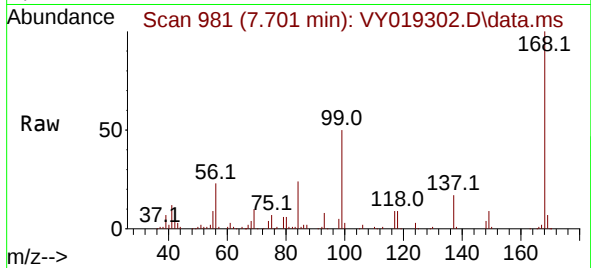




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019302.D
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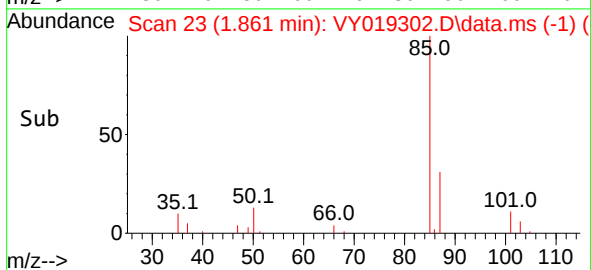
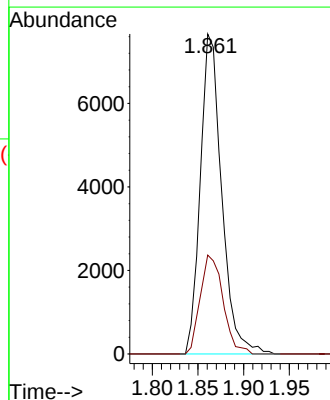
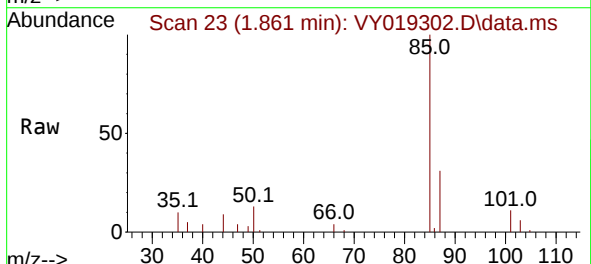
Instrument :
MSVOA_Y
ClientSampleId :

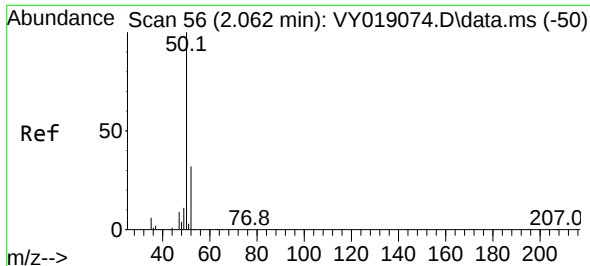
Tgt Ion:168 Resp: 83669
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 20.272 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion: 85 Resp: 12444
Ion Ratio Lower Upper
85 100
87 30.9 16.0 48.0

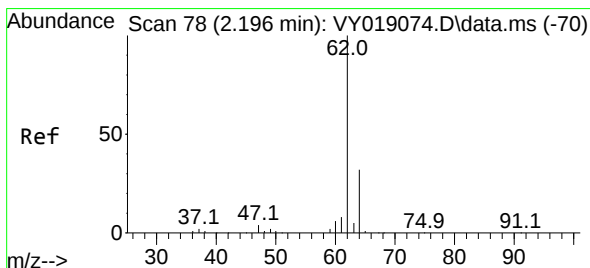
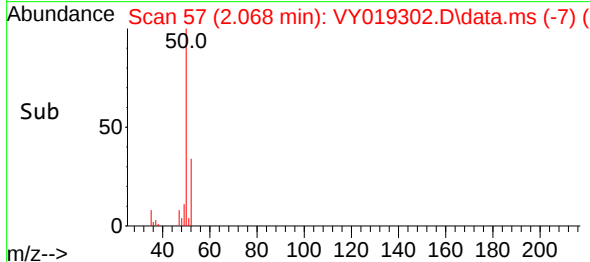
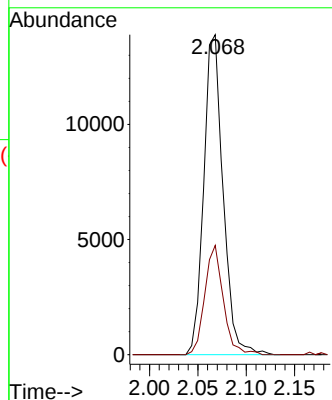
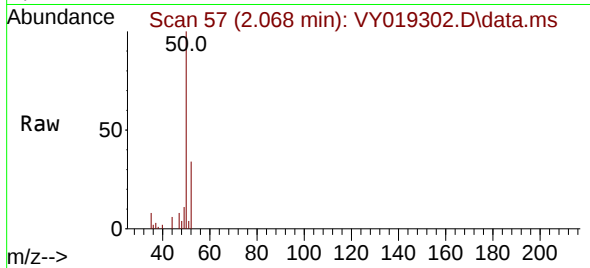




#3
Chloromethane
Concen: 17.489 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

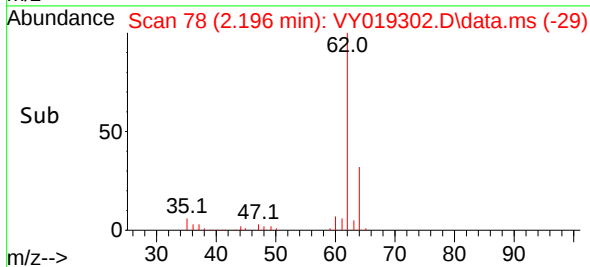
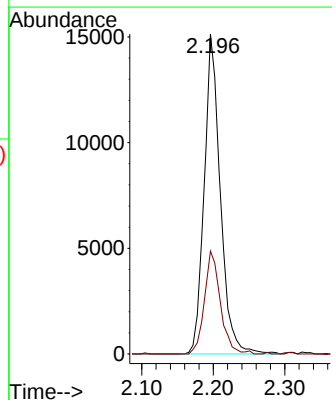
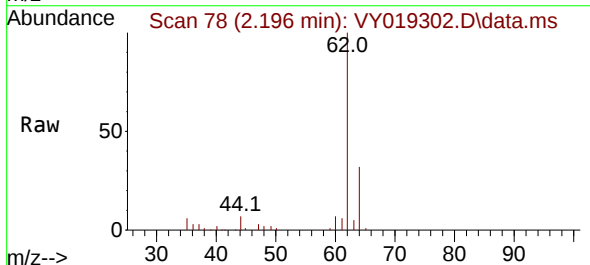
Instrument :
MSVOA_Y
ClientSampleId :

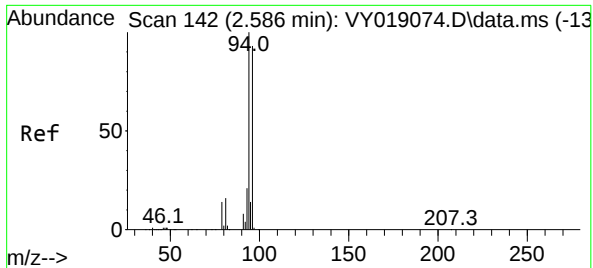
Tgt Ion: 50 Resp: 19351
Ion Ratio Lower Upper
50 100
52 34.1 25.6 38.4



#4
Vinyl Chloride
Concen: 17.355 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion: 62 Resp: 23720
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

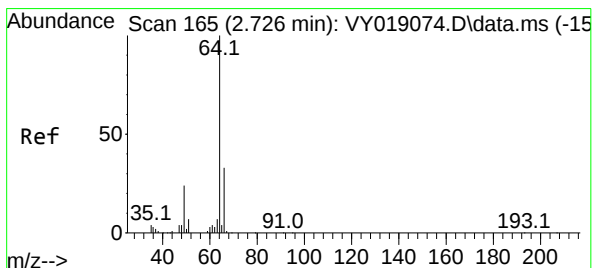
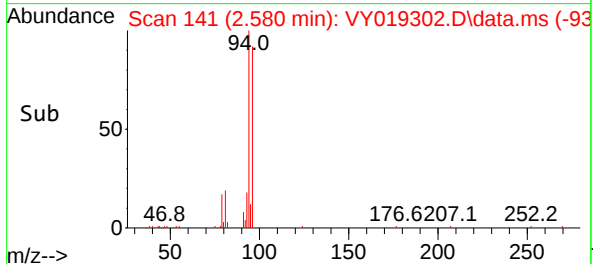
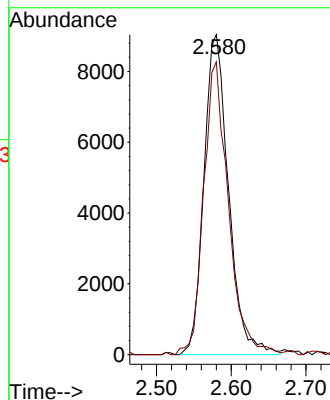
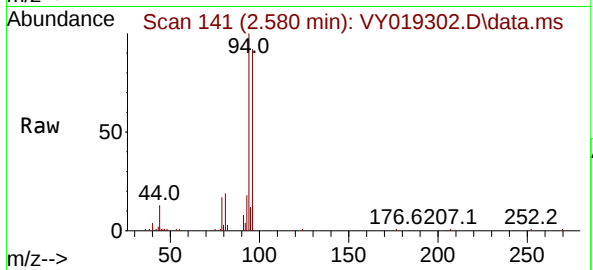




#5
Bromomethane
Concen: 21.442 ug/l
RT: 2.580 min Scan# 141
Delta R.T. -0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

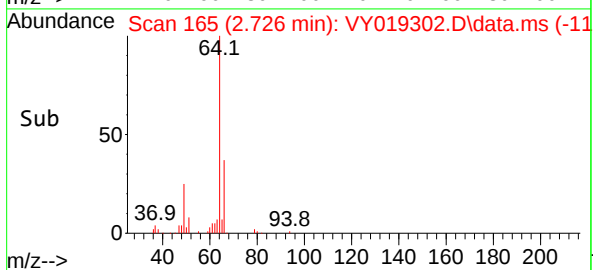
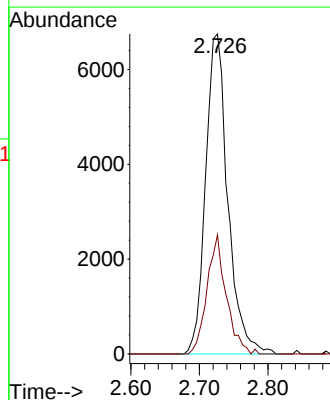
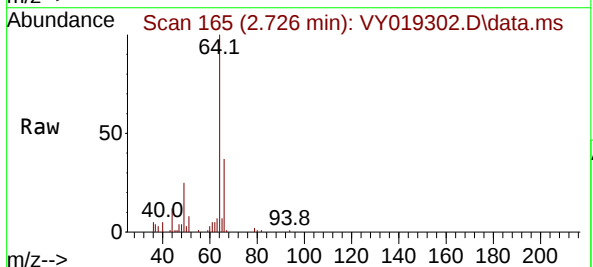
Instrument :
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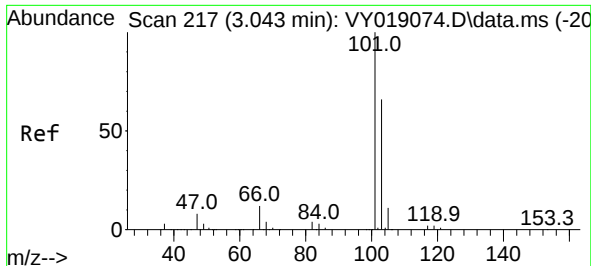
Tgt Ion: 94 Resp: 20711
Ion Ratio Lower Upper
94 100
96 90.9 74.1 111.1



#6
Chloroethane
Concen: 16.289 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion: 64 Resp: 15207
Ion Ratio Lower Upper
64 100
66 37.2 26.1 39.1

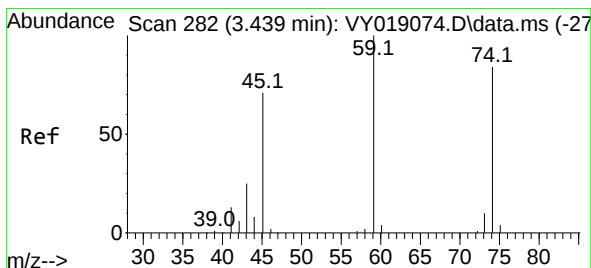
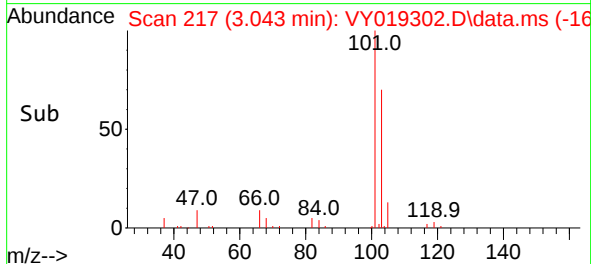
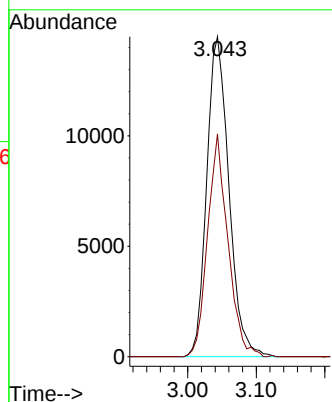
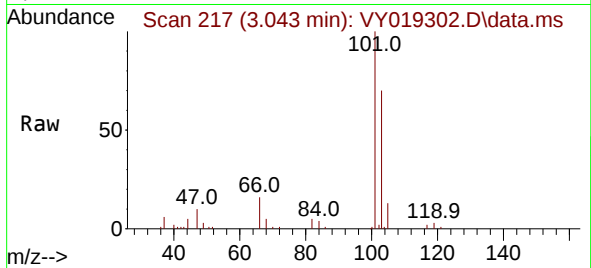




#7
 Trichlorofluoromethane
 Concen: 15.740 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY019302.D
 Acq: 27 Aug 2024 23:44

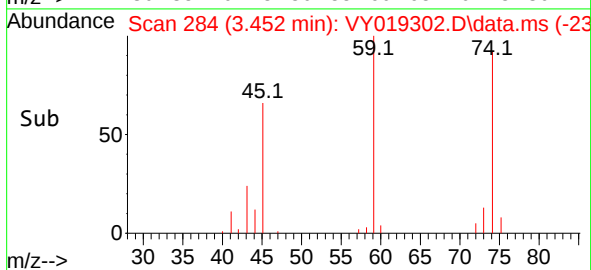
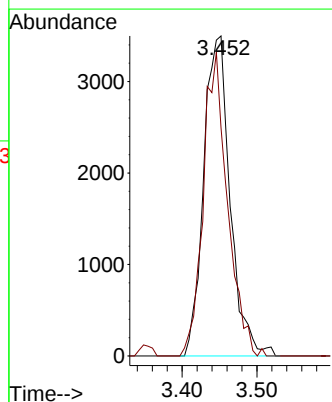
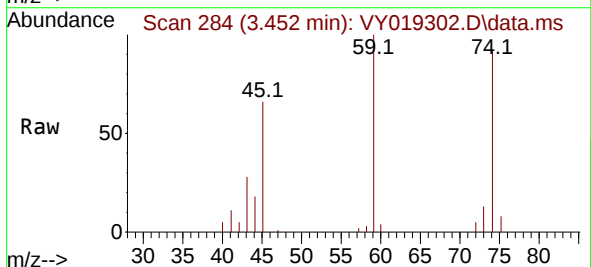
Instrument :
 MSVOA_Y
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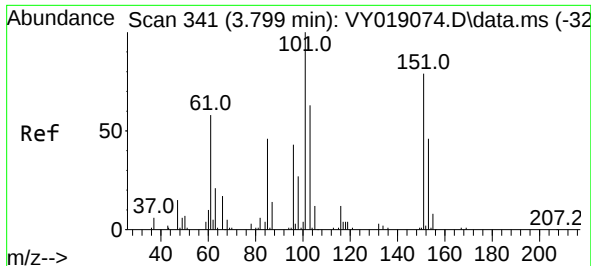
Tgt Ion:101 Resp: 32525
 Ion Ratio Lower Upper
 101 100
 103 69.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.255 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.012 min
 Lab File: VY019302.D
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Tgt Ion: 74 Resp: 8588
 Ion Ratio Lower Upper
 74 100
 45 86.9 41.3 124.1

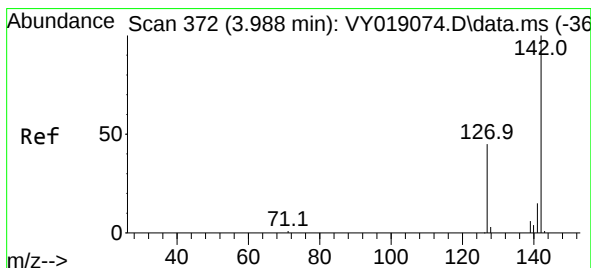
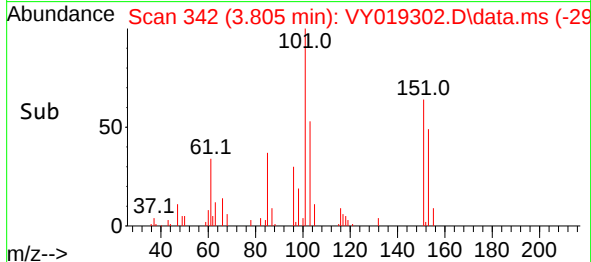
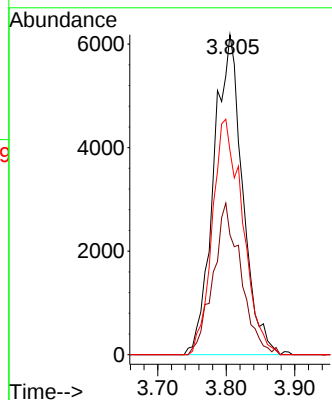
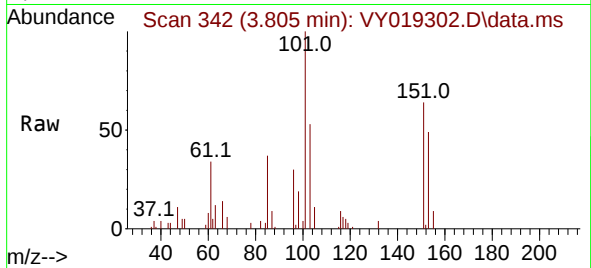




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.643 ug/l
RT: 3.805 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

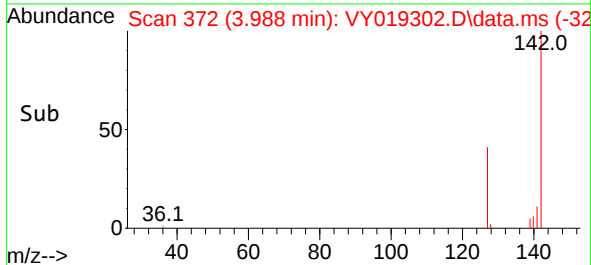
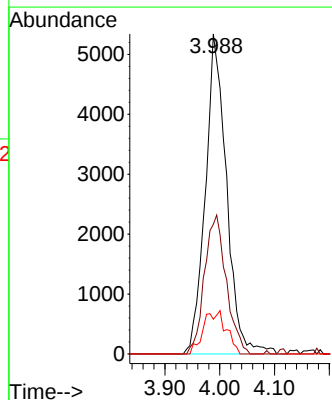
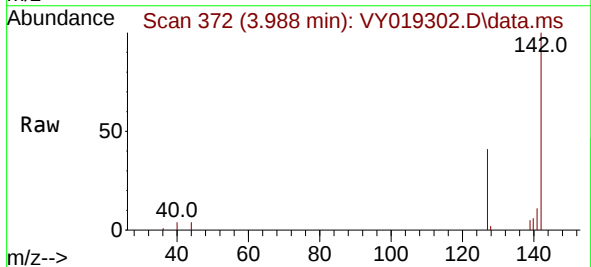
Instrument :
MSVOA_Y
ClientSampleId :

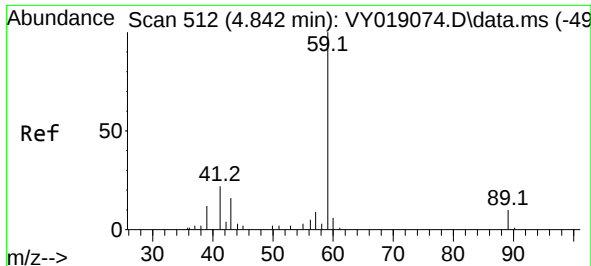
Tgt Ion:101 Resp: 18045
Ion Ratio Lower Upper
101 100
85 45.7 34.5 51.7
151 77.5 61.7 92.5



#10
Methyl Iodide
Concen: 15.876 ug/l
RT: 3.988 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

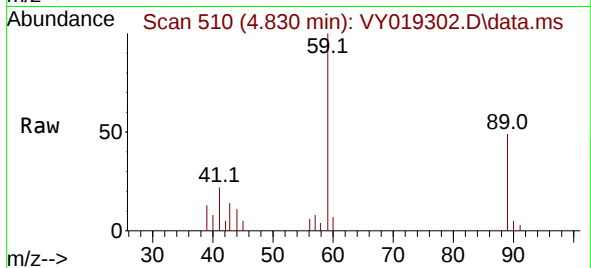
Tgt Ion:142 Resp: 14295
Ion Ratio Lower Upper
142 100
127 44.6 32.8 49.2
141 14.6 11.4 17.2



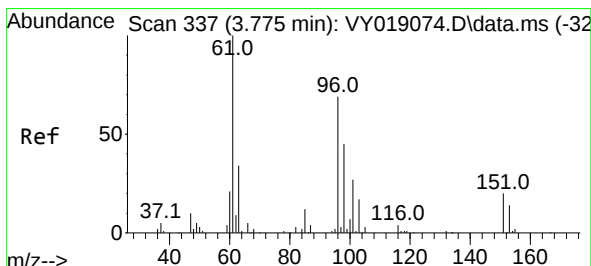
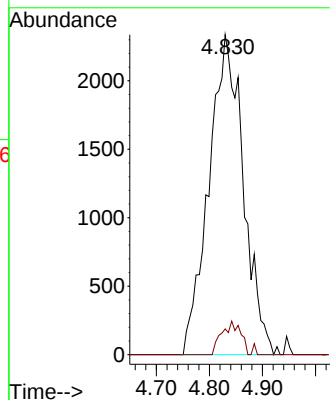
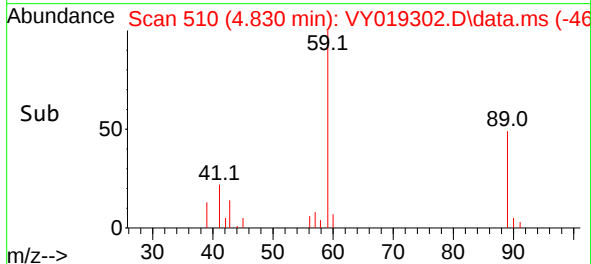


#11
Tert butyl alcohol
Concen: 127.405 ug/l
RT: 4.830 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

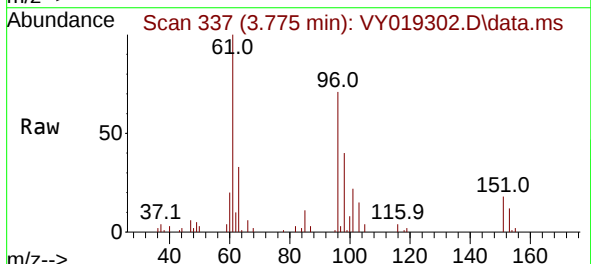
Instrument :
MSVOA_Y
ClientSampleId :



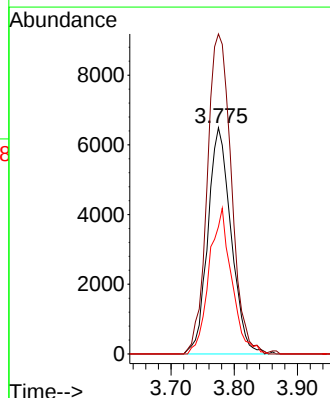
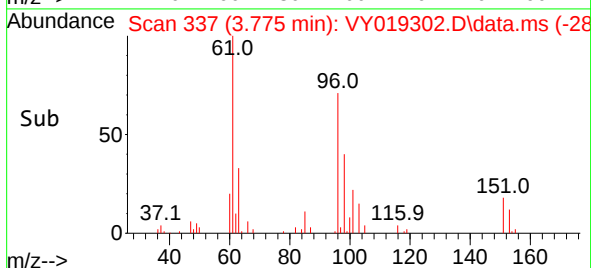
Tgt Ion: 59 Resp: 10558
Ion Ratio Lower Upper
59 100
57 5.7 3.0 4.6#

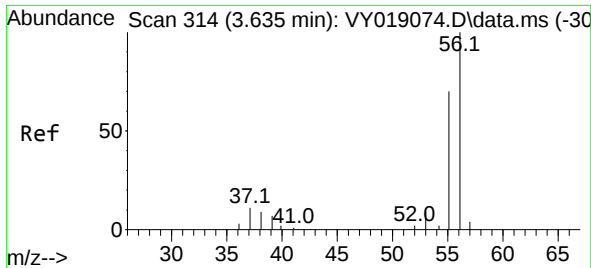


#12
1,1-Dichloroethene
Concen: 19.867 ug/l
RT: 3.775 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44



Tgt Ion: 96 Resp: 16581
Ion Ratio Lower Upper
96 100
61 141.5 114.6 171.8
98 56.2 50.8 76.2





#13

Acrolein

Concen: 69.308 ug/l

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

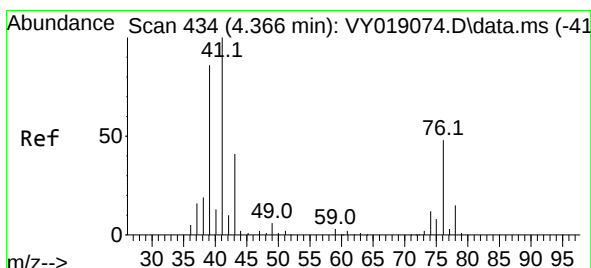
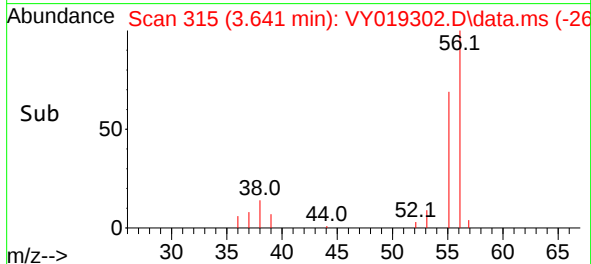
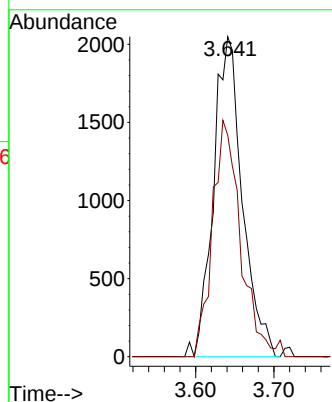
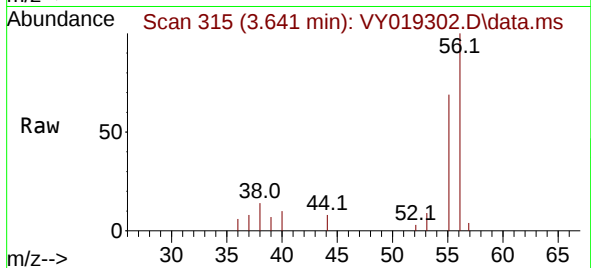
ClientSampleId :

Tgt Ion: 56 Resp: 5263

Ion Ratio Lower Upper

56 100

55 72.1 55.7 83.5



#14

Allyl chloride

Concen: 19.058 ug/l

RT: 4.366 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

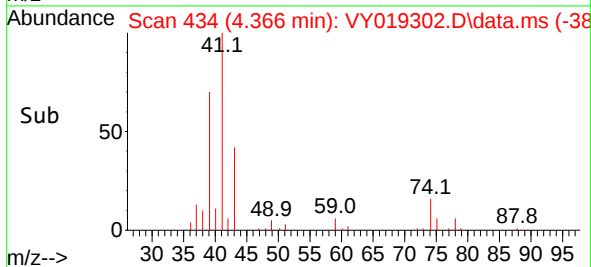
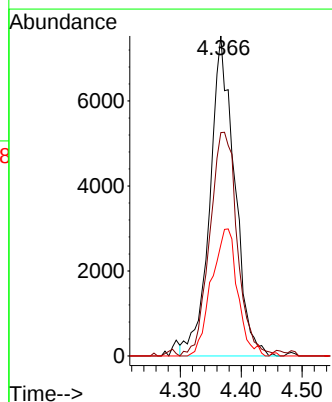
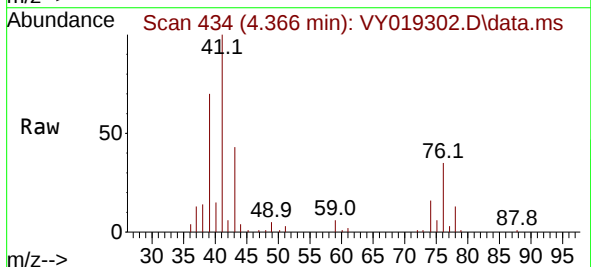
Tgt Ion: 41 Resp: 21147

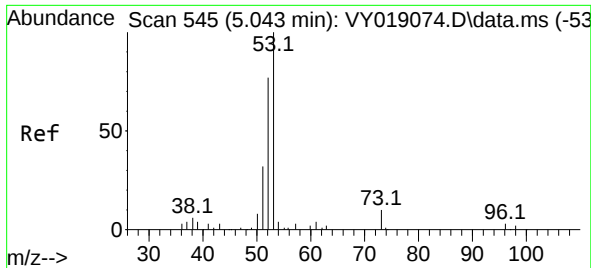
Ion Ratio Lower Upper

41 100

39 78.0 58.3 87.5

76 42.0 39.0 58.6

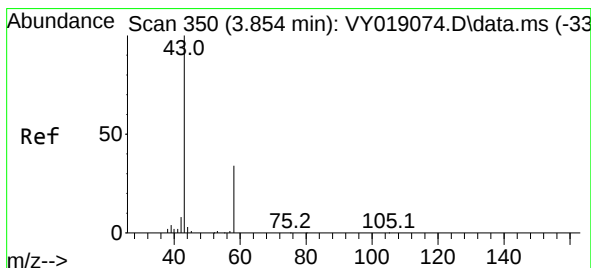
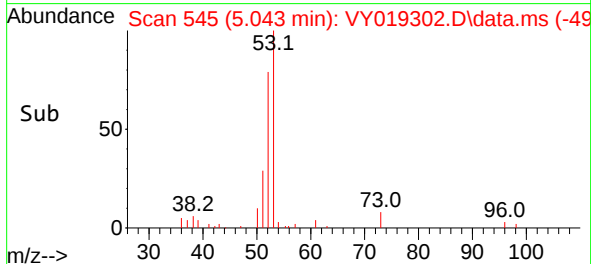
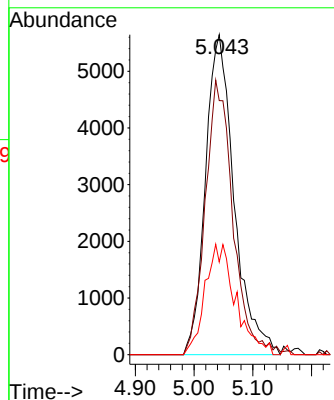
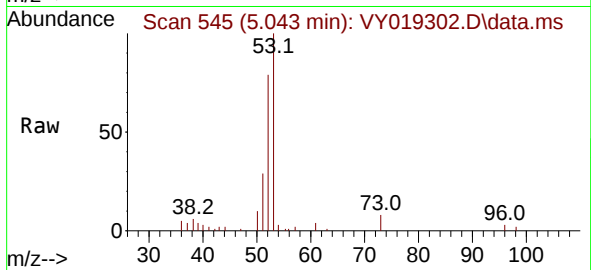




#15
Acrylonitrile
Concen: 104.987 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

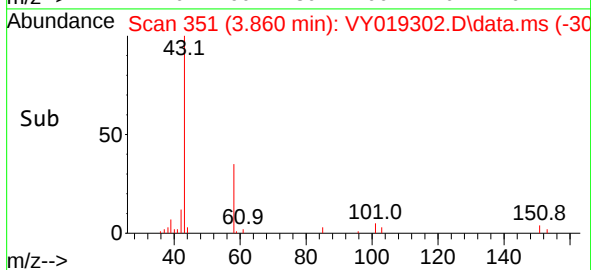
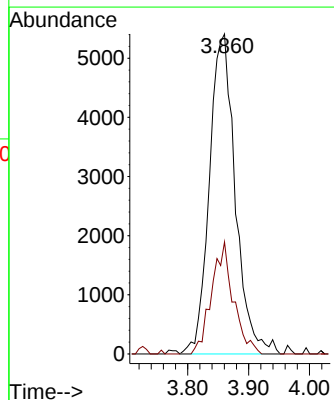
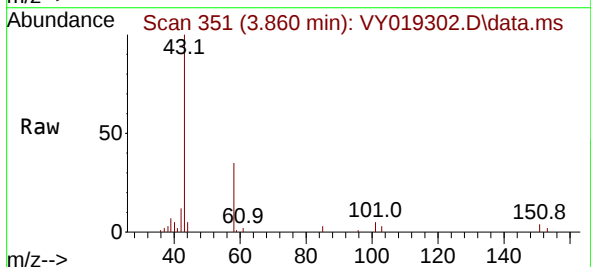
Instrument :
MSVOA_Y
ClientSampleId :

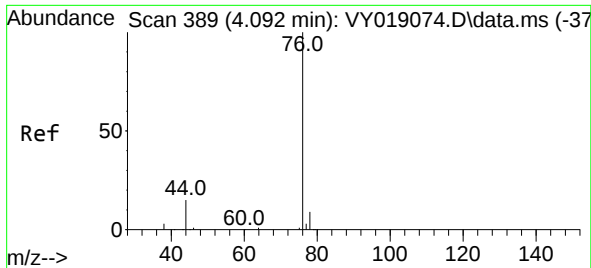
Tgt Ion: 53	Resp: 19160
Ion Ratio	Lower Upper
53 100	
52 83.1	64.7 97.1
51 36.9	28.4 42.6



#16
Acetone
Concen: 102.892 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion: 43	Resp: 16004
Ion Ratio	Lower Upper
43 100	
58 35.0	31.7 47.5

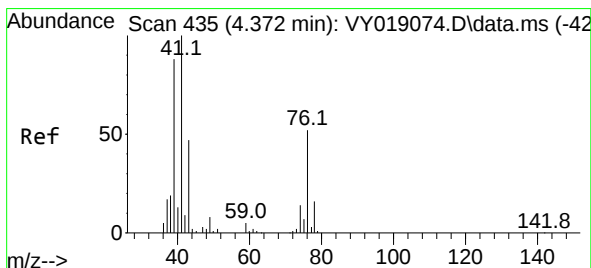
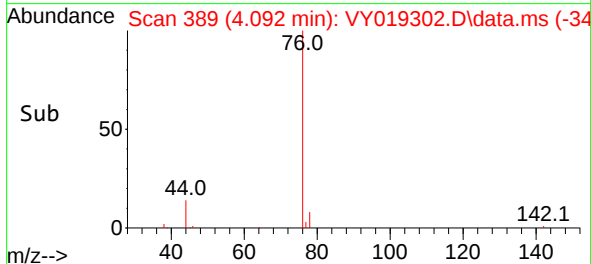
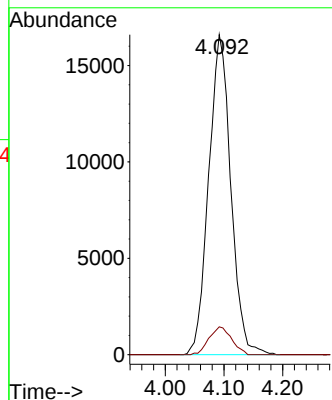
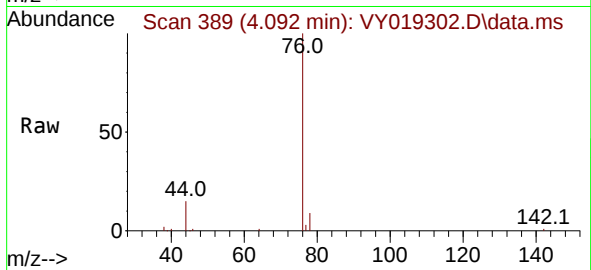




#17
Carbon Disulfide
Concen: 18.467 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

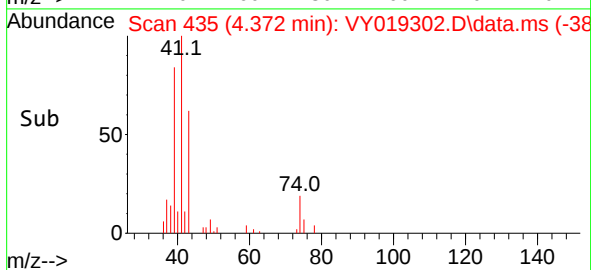
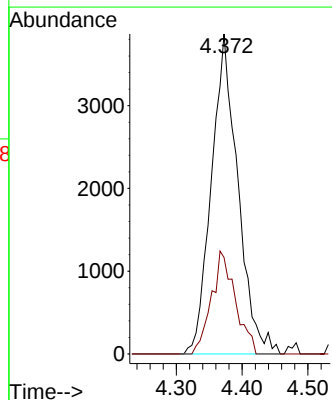
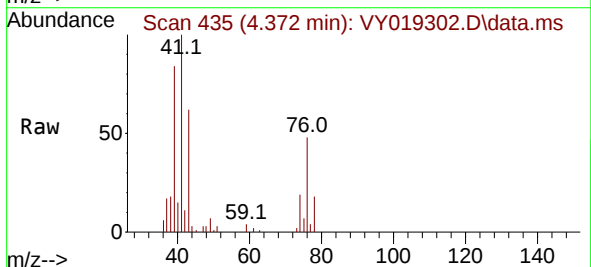
Instrument :
MSVOA_Y
ClientSampleId :

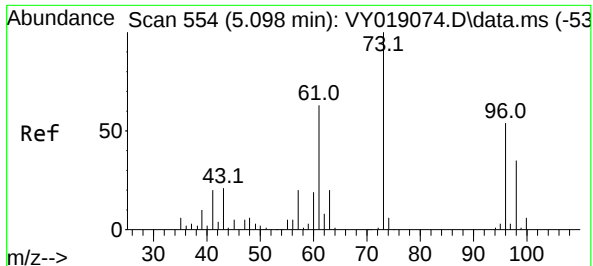
Tgt Ion: 76 Resp: 43472
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2



#18
Methyl Acetate
Concen: 22.701 ug/l
RT: 4.372 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion: 43 Resp: 10837
Ion Ratio Lower Upper
43 100
74 29.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 20.491 ug/l

RT: 5.098 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

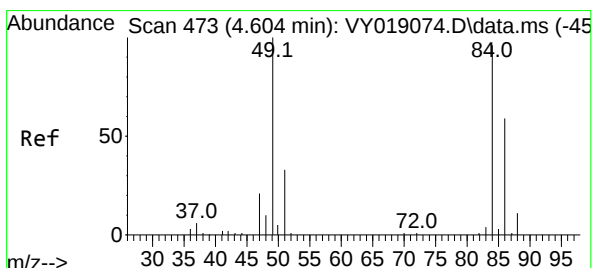
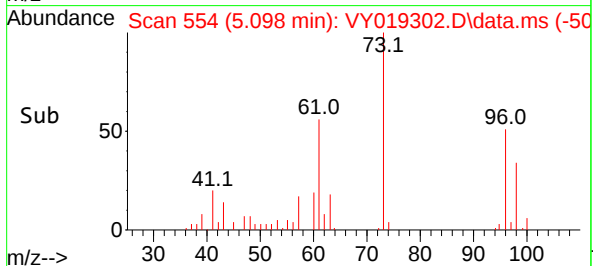
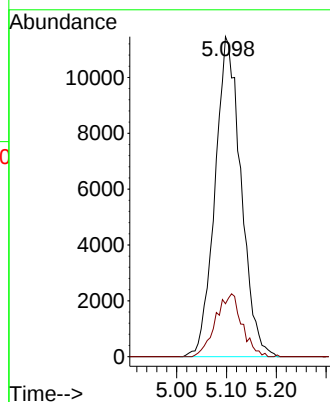
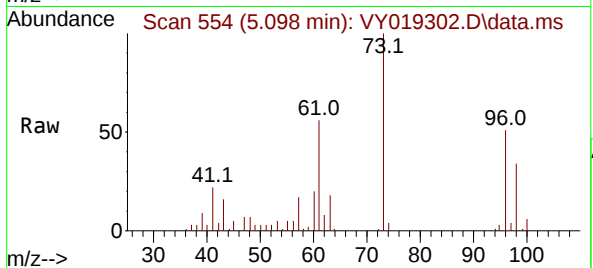
ClientSampleId :

Tgt Ion: 73 Resp: 41462

Ion Ratio Lower Upper

73 100

57 16.5 17.3 25.9#



#20

Methylene Chloride

Concen: 23.734 ug/l

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Tgt Ion: 84 Resp: 28116

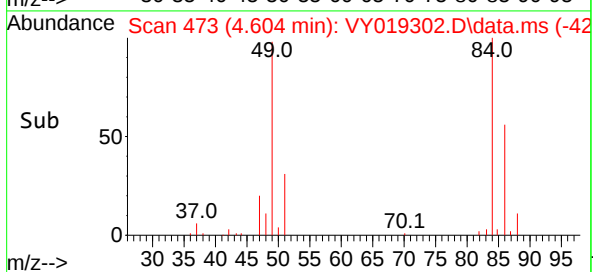
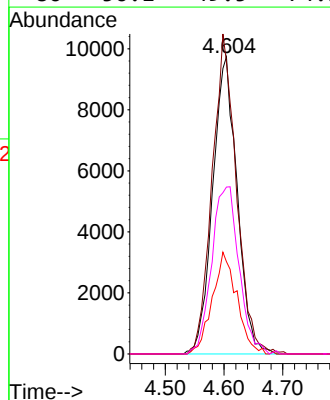
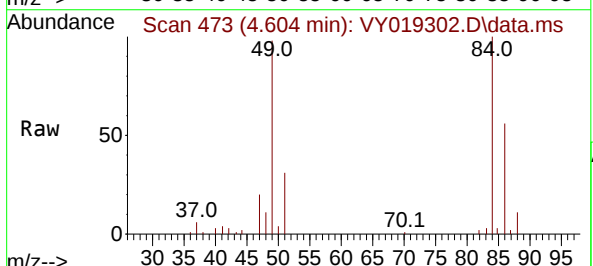
Ion Ratio Lower Upper

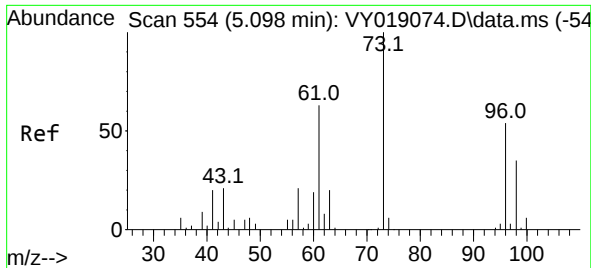
84 100

49 98.3 84.4 126.6

51 31.1 26.0 39.0

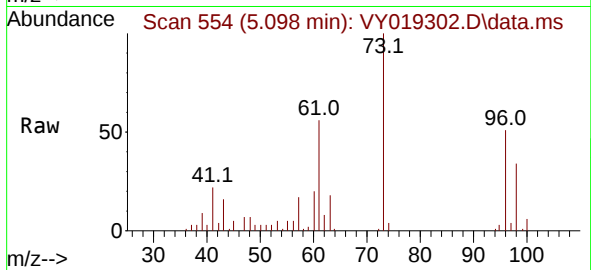
86 56.1 49.5 74.3



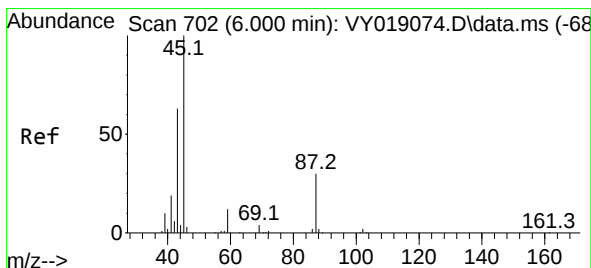
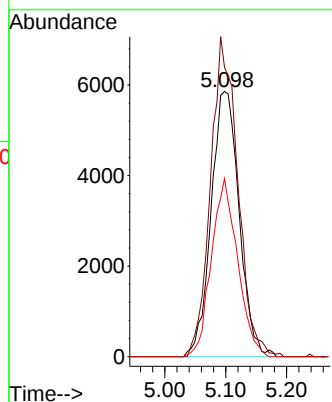
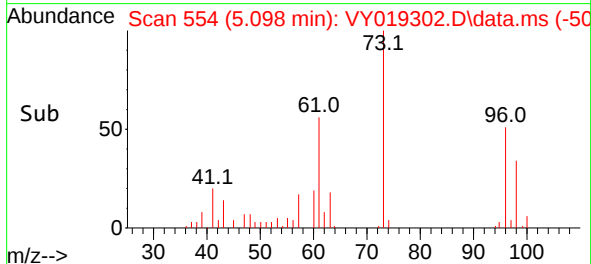


#21
trans-1,2-Dichloroethene
Concen: 20.073 ug/l
RT: 5.098 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Instrument :
MSVOA_Y
ClientSampleId :

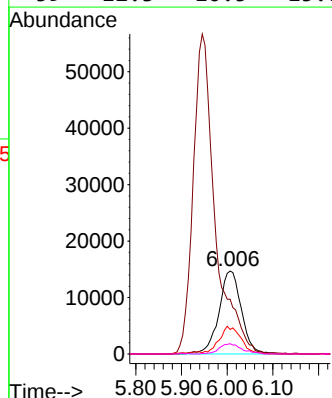
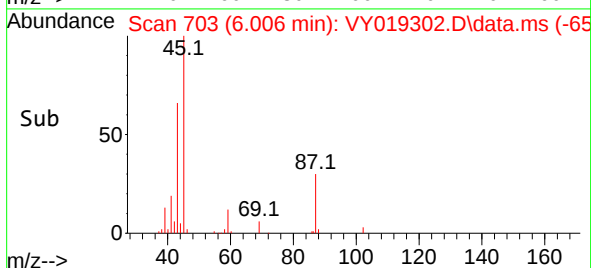
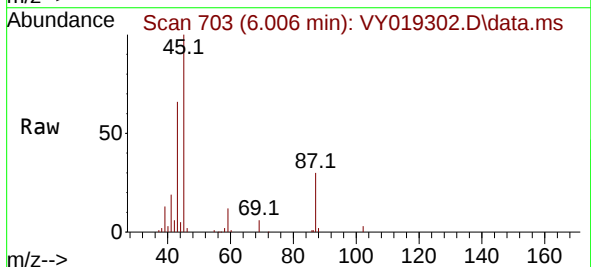


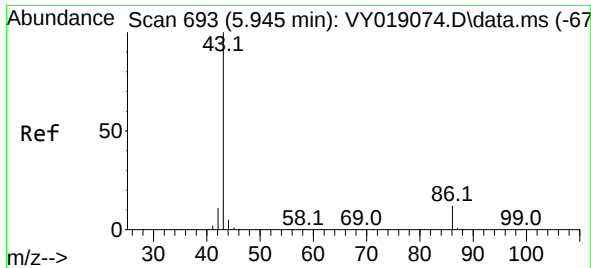
Tgt Ion: 96 Resp: 18717
Ion Ratio Lower Upper
96 100
61 109.1 97.5 146.3
98 67.2 50.5 75.7



#22
Diisopropyl ether
Concen: 19.732 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion: 45 Resp: 50124
Ion Ratio Lower Upper
45 100
43 65.0 42.2 63.2#
87 29.5 25.0 37.6
59 12.3 10.5 15.7

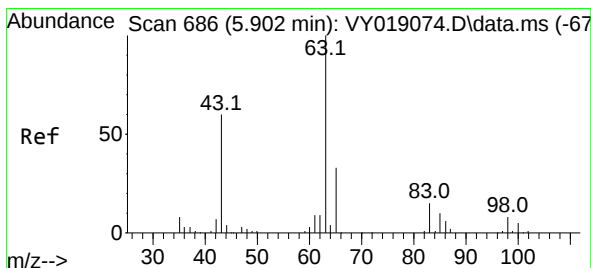
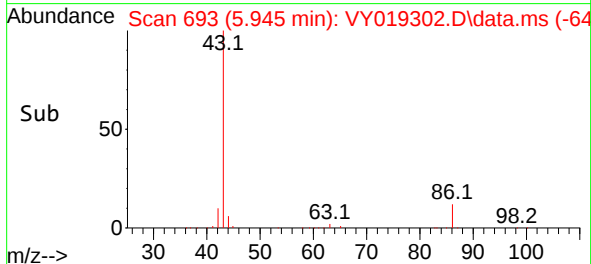
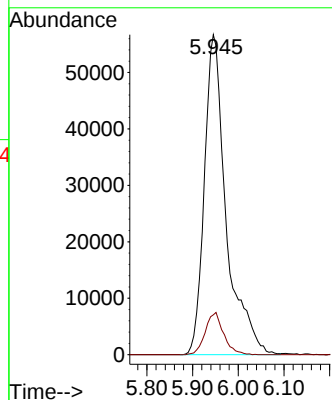
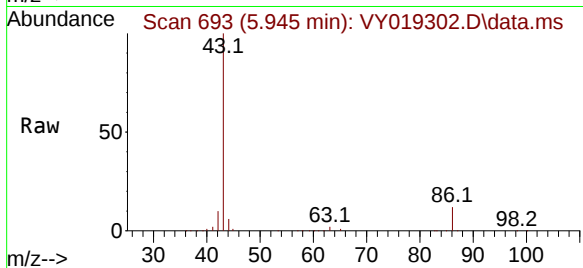




#23
 Vinyl Acetate
 Concen: 93.942 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019302.D
 Acq: 27 Aug 2024 23:44

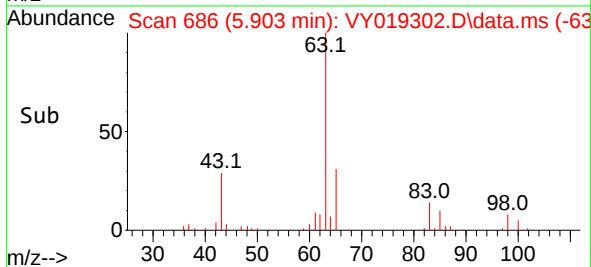
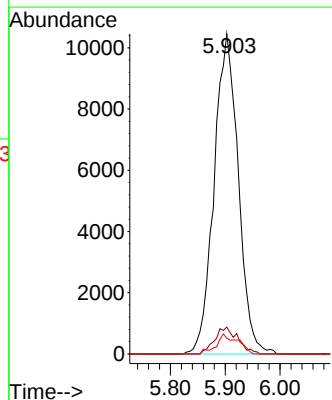
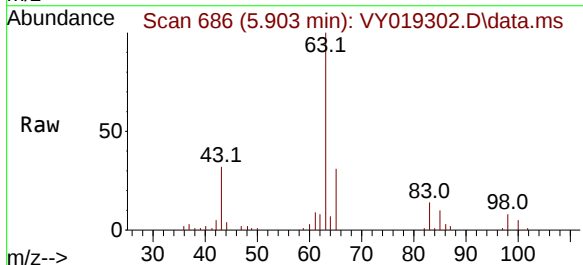
Instrument :
 MSVOA_Y
 ClientSampleId :

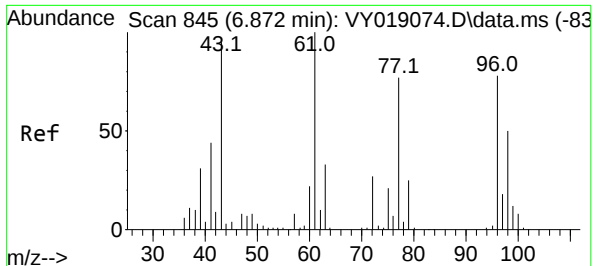
Tgt Ion: 43 Resp: 188929
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.641 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019302.D
 Acq: 27 Aug 2024 23:44

Tgt Ion: 63 Resp: 32066
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 12.2
 100 4.9 2.6 8.0





#25

2-Butanone

Concen: 98.033 ug/l

RT: 6.884 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

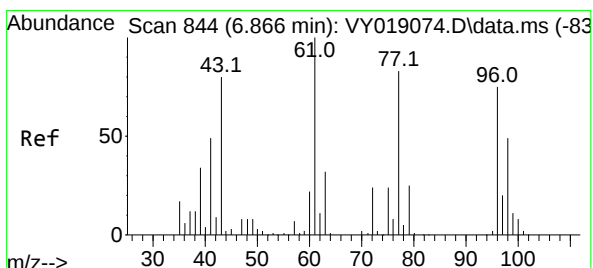
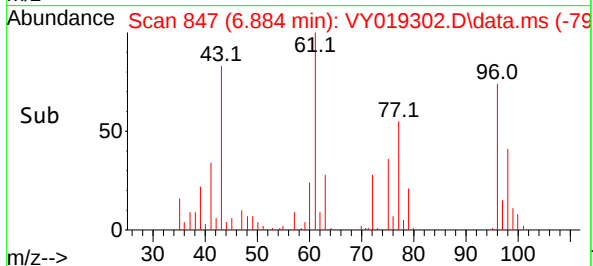
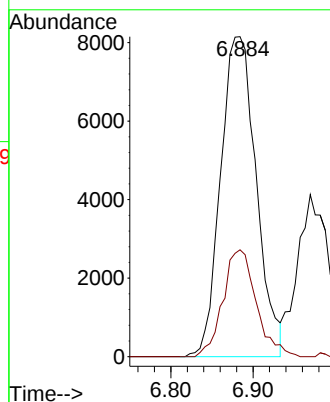
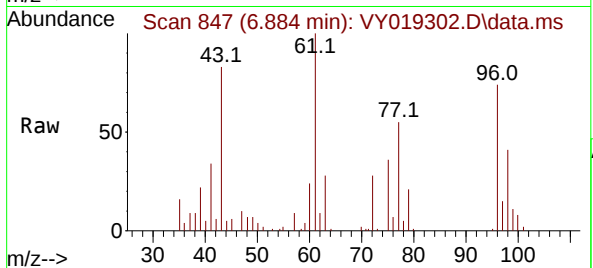
ClientSampleId :

Tgt Ion: 43 Resp: 24557

Ion Ratio Lower Upper

43 100

72 33.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 17.699 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019302.D

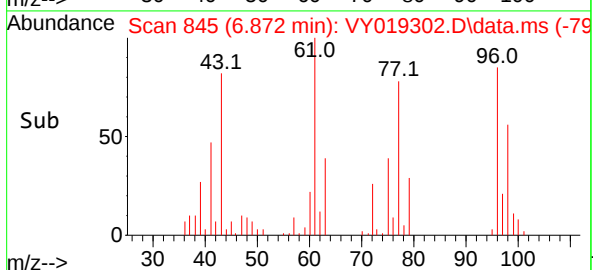
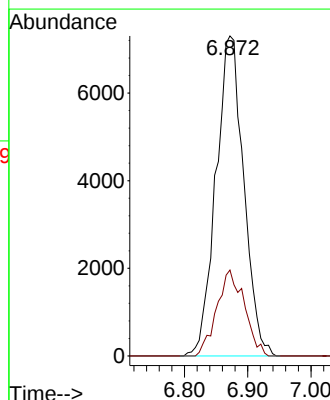
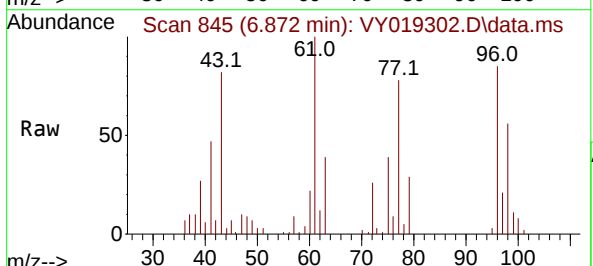
Acq: 27 Aug 2024 23:44

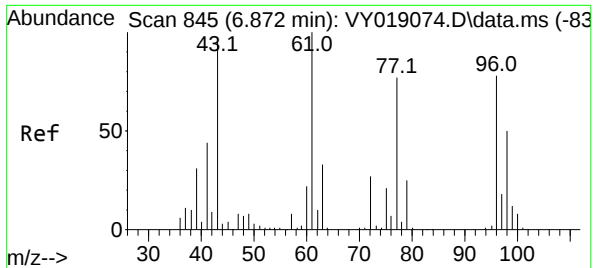
Tgt Ion: 77 Resp: 22265

Ion Ratio Lower Upper

77 100

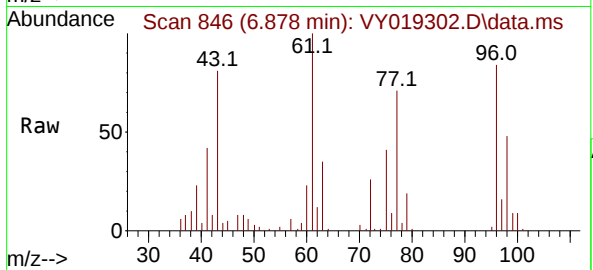
97 26.6 12.0 36.1



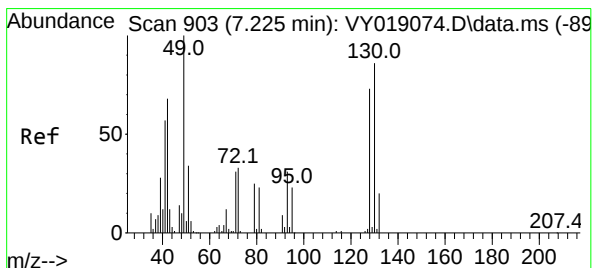
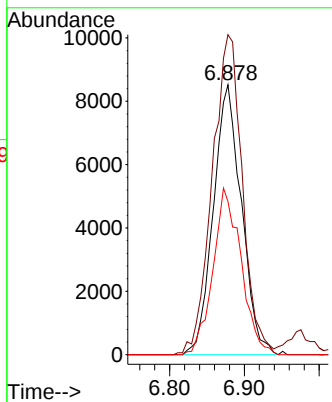
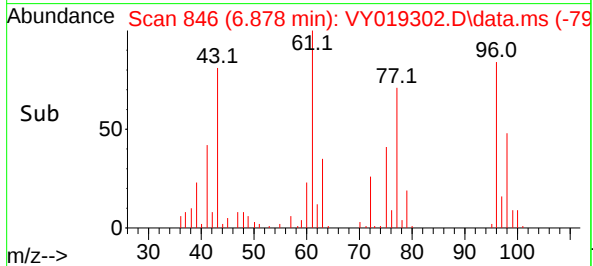


#27
cis-1,2-Dichloroethene
Concen: 20.309 ug/l
RT: 6.878 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

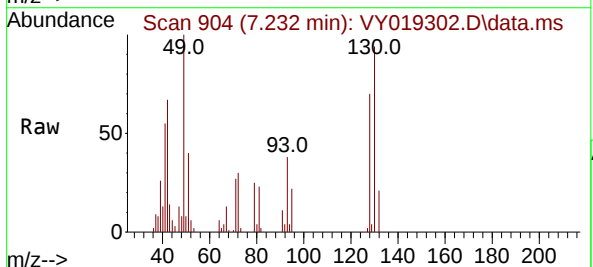
Instrument :
MSVOA_Y
ClientSampleId :



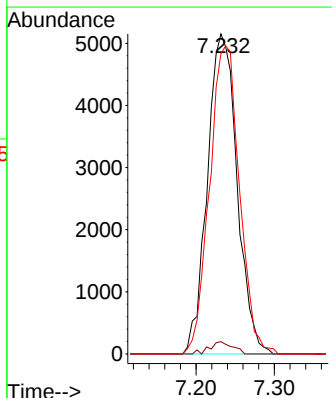
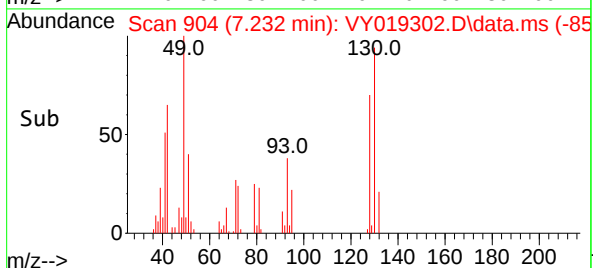
Tgt Ion: 96 Resp: 22285
Ion Ratio Lower Upper
96 100
61 126.7 0.0 256.2
98 61.9 0.0 130.0

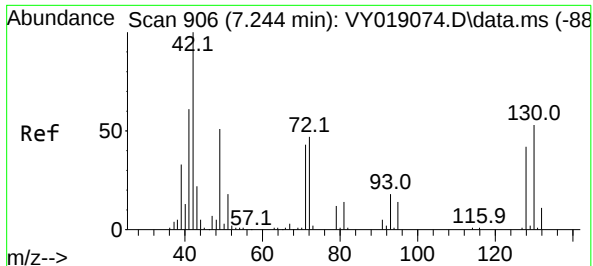


#28
Bromochloromethane
Concen: 20.844 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44



Tgt Ion: 49 Resp: 13583
Ion Ratio Lower Upper
49 100
129 3.0 0.0 4.6
130 96.8 72.7 109.1





#29

Tetrahydrofuran

Concen: 99.829 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

ClientSampleId :

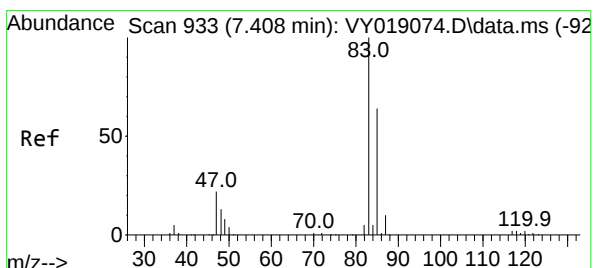
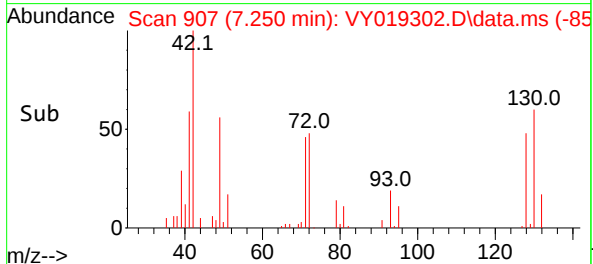
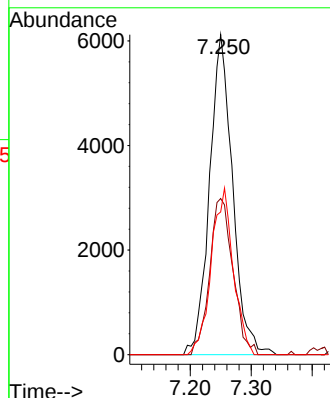
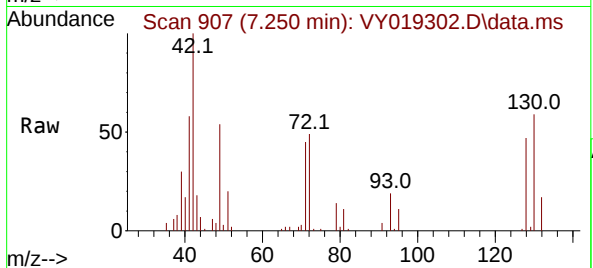
Tgt Ion: 42 Resp: 16075

Ion Ratio Lower Upper

42 100

72 49.6 43.0 64.4

71 49.7 40.8 61.2



#30

Chloroform

Concen: 20.936 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY019302.D

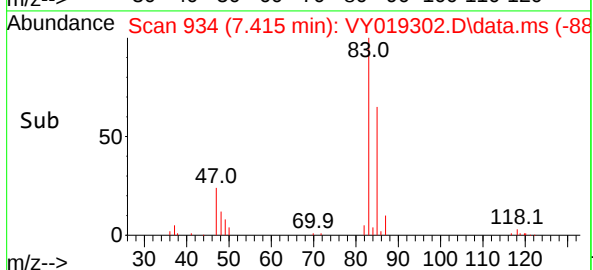
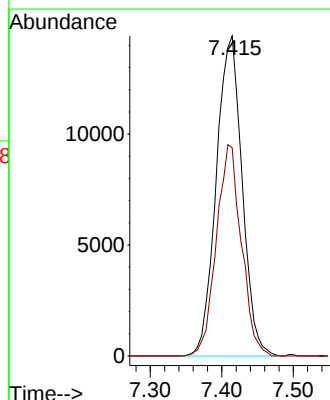
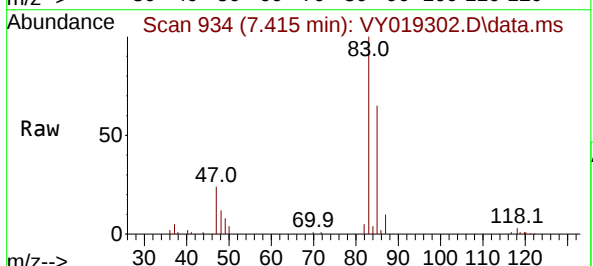
Acq: 27 Aug 2024 23:44

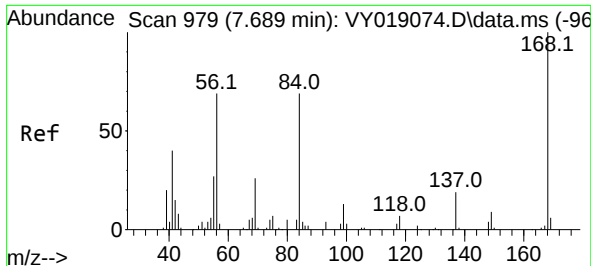
Tgt Ion: 83 Resp: 36241

Ion Ratio Lower Upper

83 100

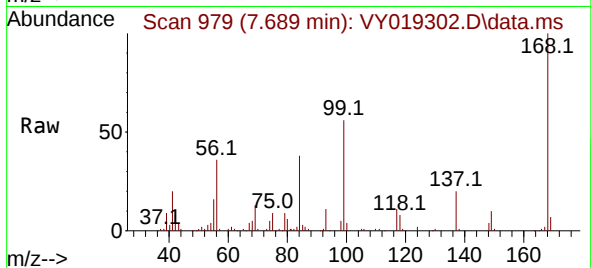
85 65.0 52.2 78.4



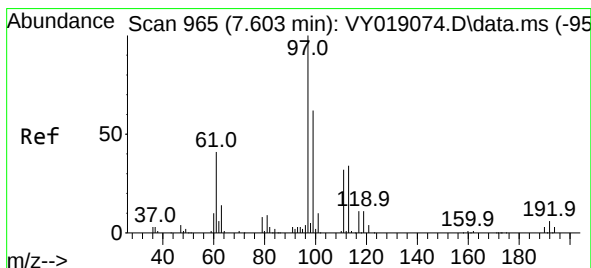
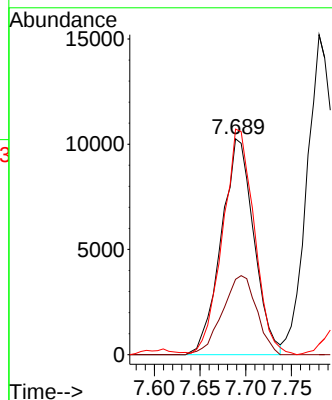
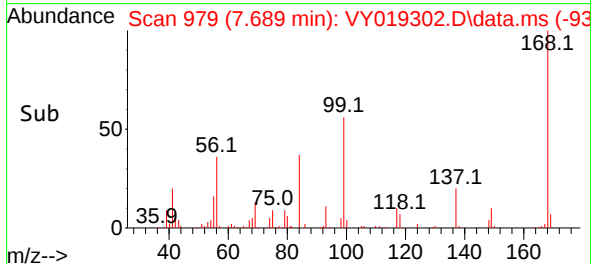


#31
Cyclohexane
Concen: 18.547 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Instrument :
MSVOA_Y
ClientSampleId :

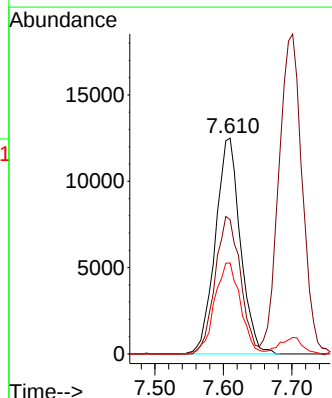
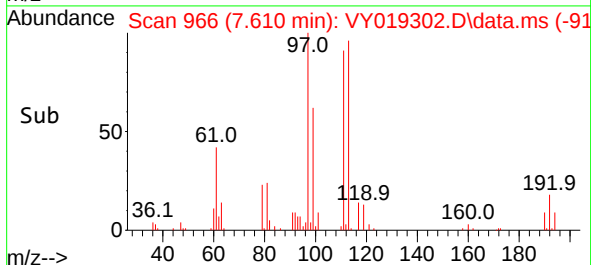
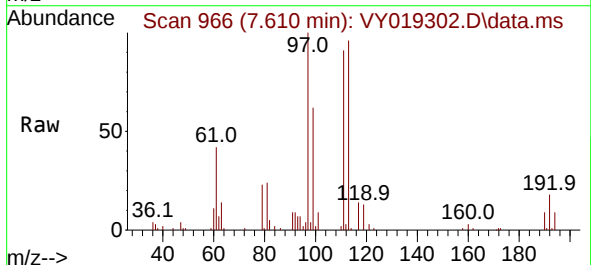


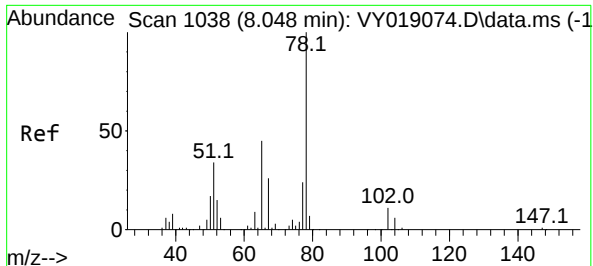
Tgt Ion: 56 Resp: 25481
Ion Ratio Lower Upper
56 100
69 34.9 28.7 43.1
84 103.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.797 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion: 97 Resp: 31638
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 43.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.141 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

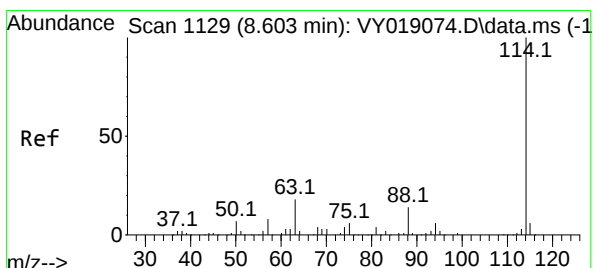
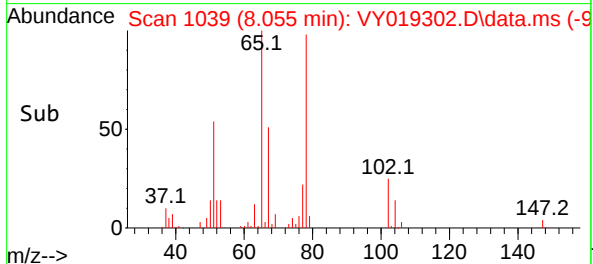
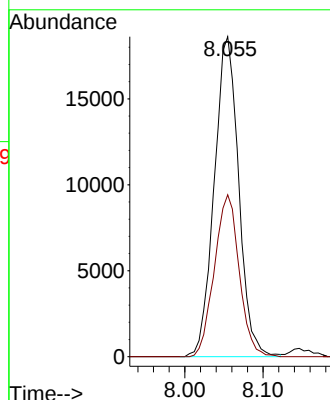
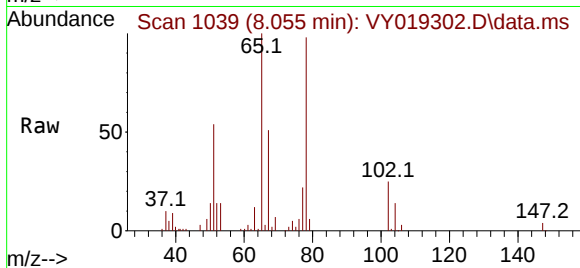
ClientSampleId :

Tgt Ion: 65 Resp: 40377

Ion Ratio Lower Upper

65 100

67 51.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

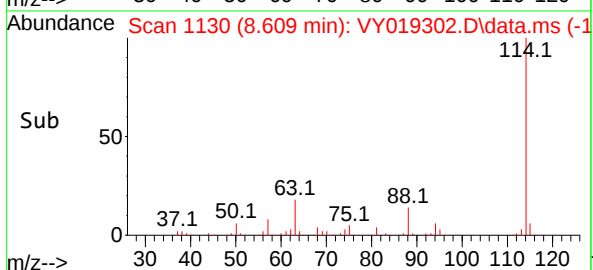
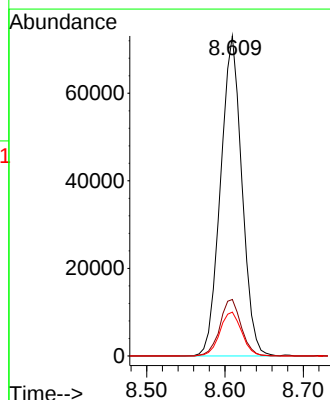
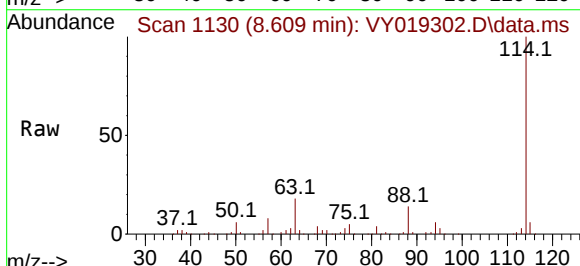
Tgt Ion:114 Resp: 138403

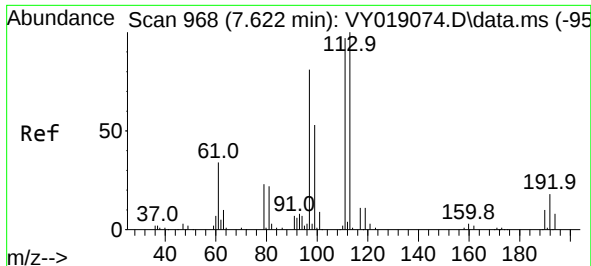
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 13.7 0.0 27.2

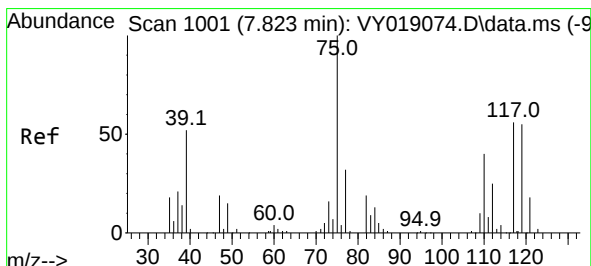
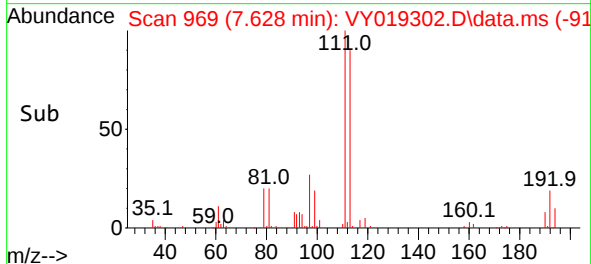
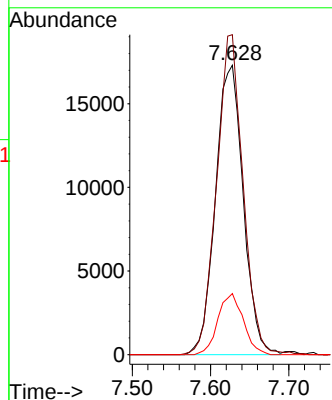
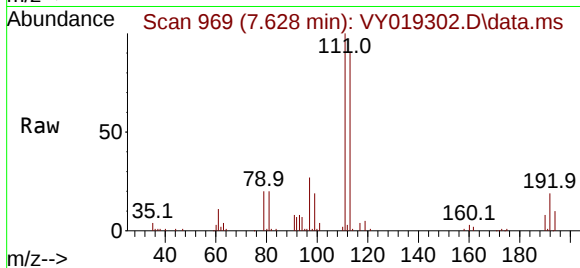




#35
Dibromofluoromethane
Concen: 47.194 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

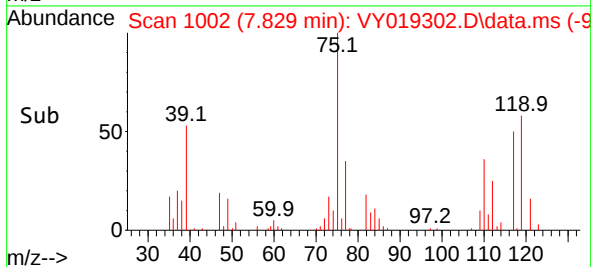
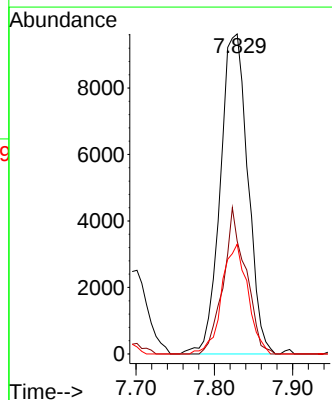
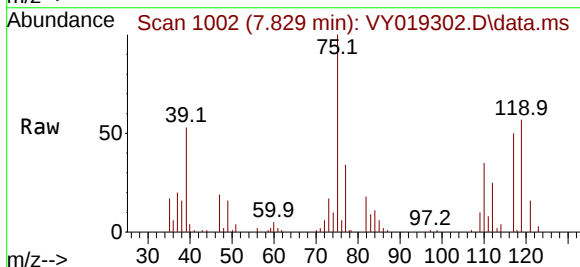
Instrument :
MSVOA_Y
ClientSampleId :

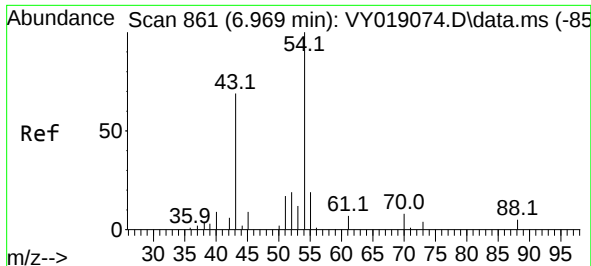
Tgt Ion:113 Resp: 42709
Ion Ratio Lower Upper
113 100
111 105.4 82.2 123.4
192 19.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.944 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion: 75 Resp: 23541
Ion Ratio Lower Upper
75 100
110 37.3 19.0 57.0
77 32.4 25.3 37.9





#37

Ethyl Acetate

Concen: 21.236 ug/l

RT: 6.970 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

ClientSampleId :

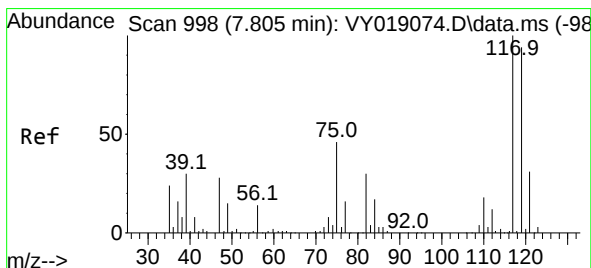
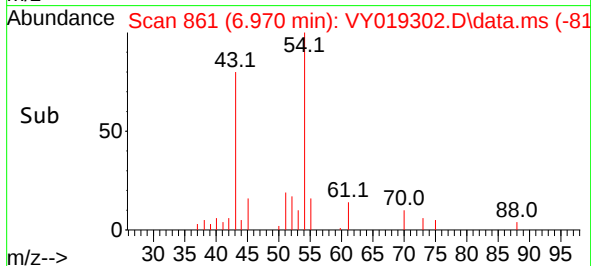
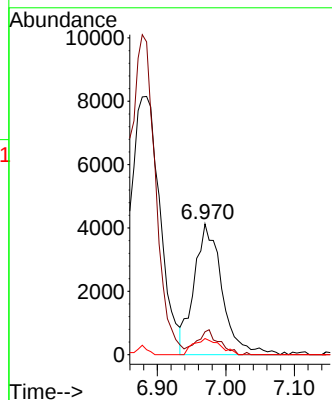
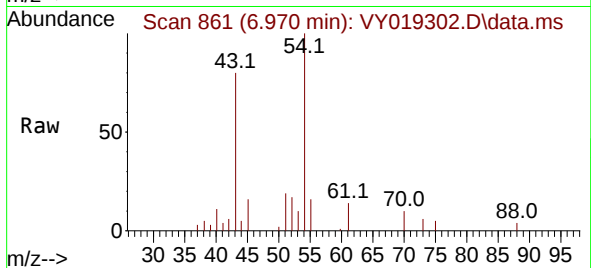
Tgt Ion: 43 Resp: 11692

Ion Ratio Lower Upper

43 100

61 15.0 12.6 19.0

70 11.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.806 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

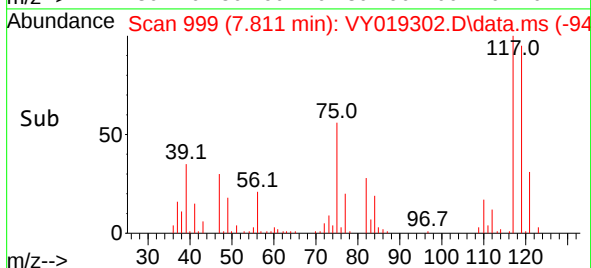
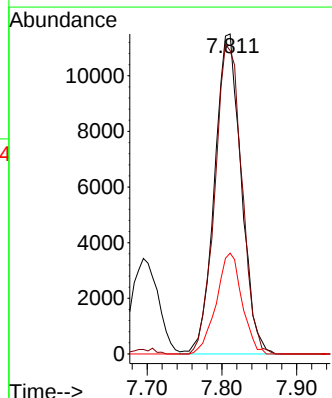
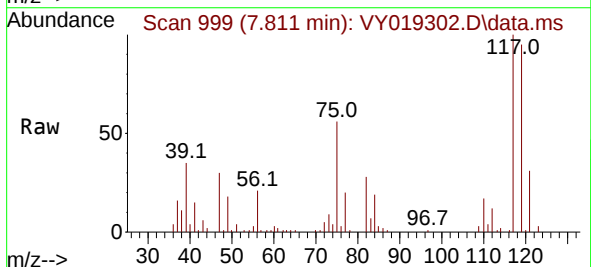
Tgt Ion: 117 Resp: 28523

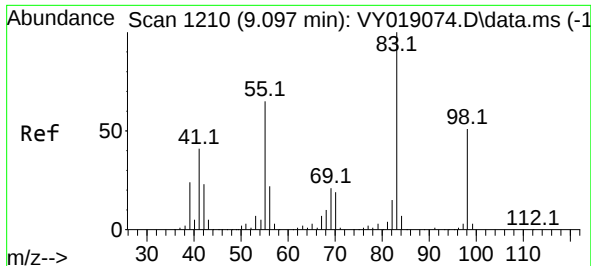
Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.6

121 31.5 24.0 36.0





#39

Methylcyclohexane

Concen: 18.603 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

ClientSampleId :

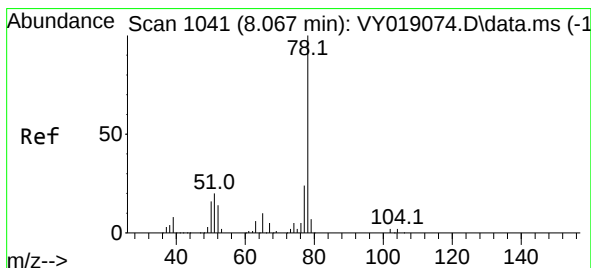
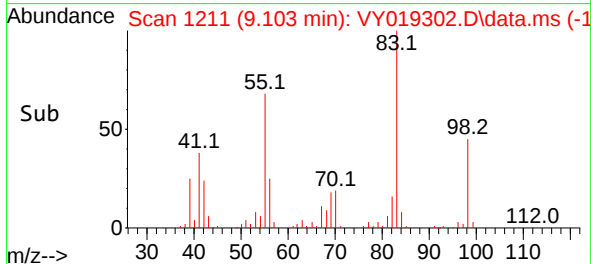
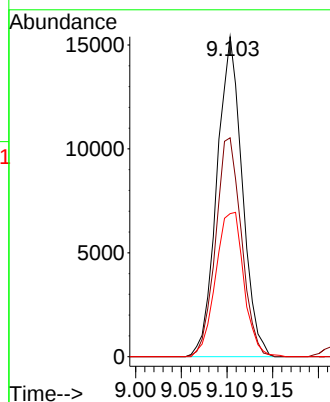
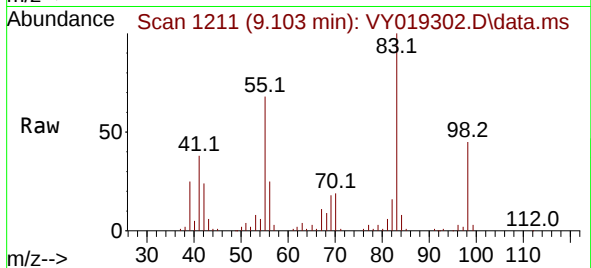
Tgt Ion: 83 Resp: 29666

Ion Ratio Lower Upper

83 100

55 68.4 51.5 77.3

98 44.7 40.5 60.7



#40

Benzene

Concen: 20.238 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019302.D

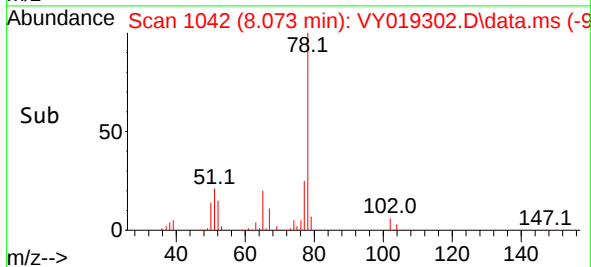
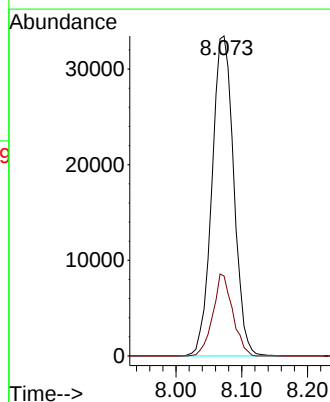
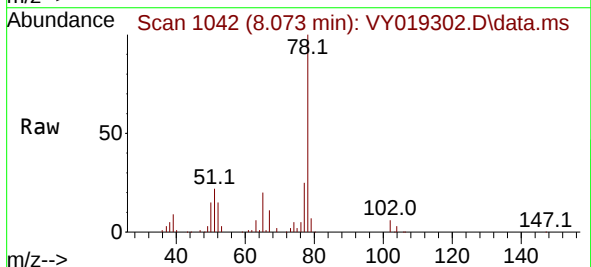
Acq: 27 Aug 2024 23:44

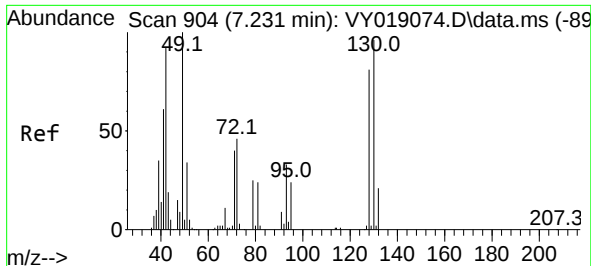
Tgt Ion: 78 Resp: 77130

Ion Ratio Lower Upper

78 100

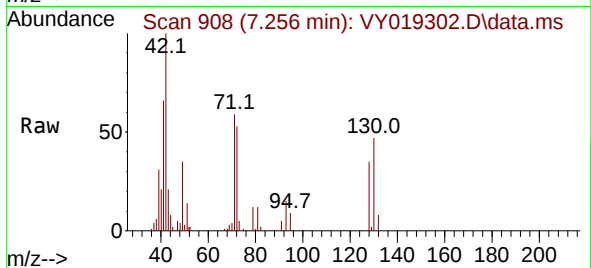
77 25.0 19.5 29.3



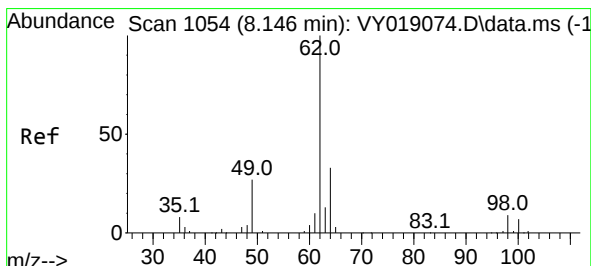
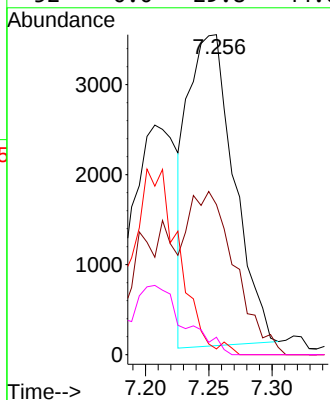
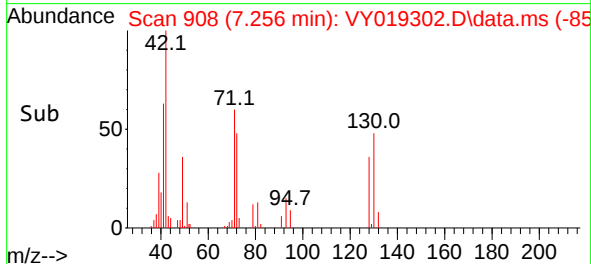


#41
Methacrylonitrile
Concen: 29.328 ug/l
RT: 7.256 min Scan# 904
Delta R.T. 0.025 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Instrument :
MSVOA_Y
ClientSampleId :

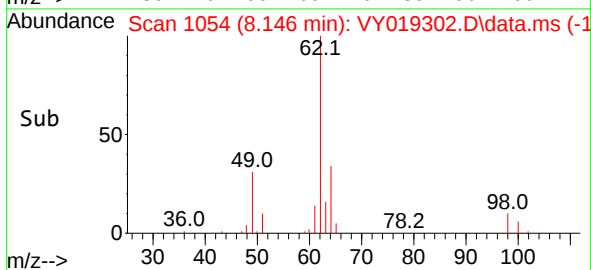
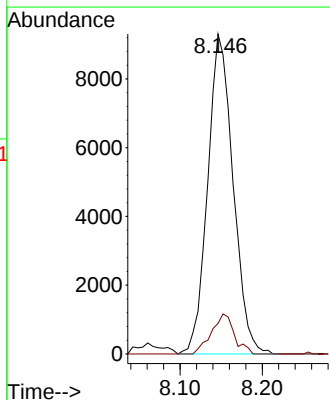
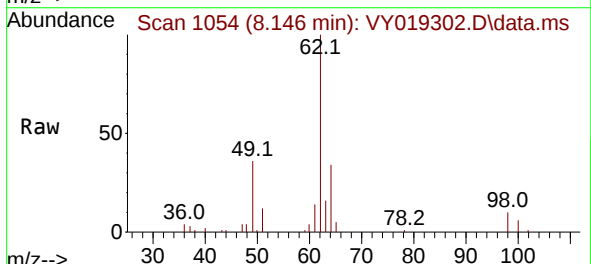


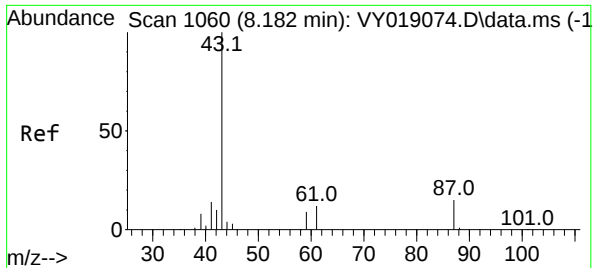
Tgt Ion: 41 Resp: 8813
Ion Ratio Lower Upper
41 100
39 54.0 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 19.433 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion: 62 Resp: 20000
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.0

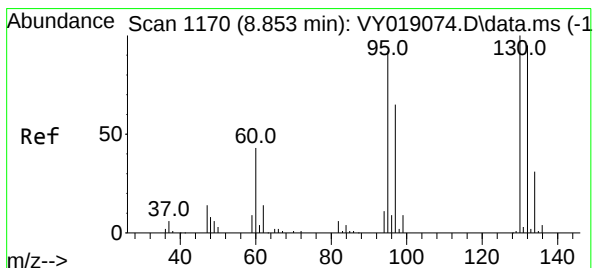
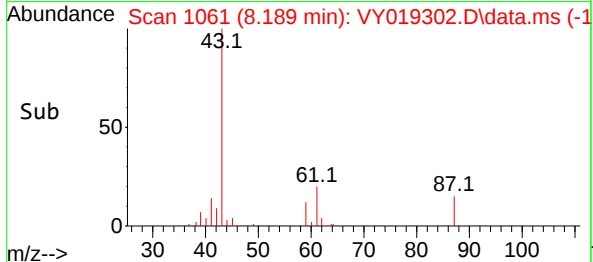
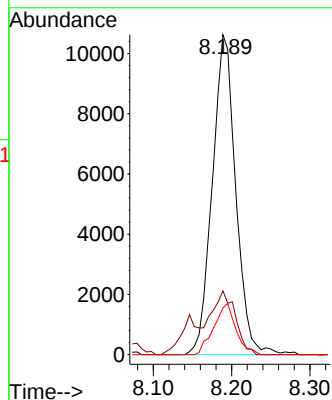
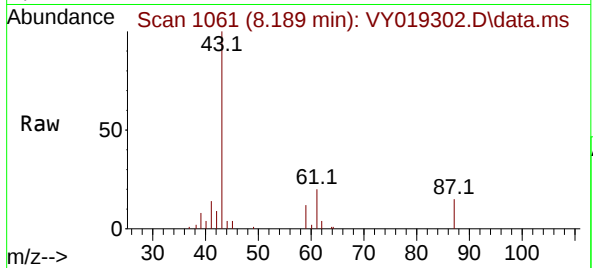




#43
Isopropyl Acetate
Concen: 19.818 ug/l
RT: 8.189 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

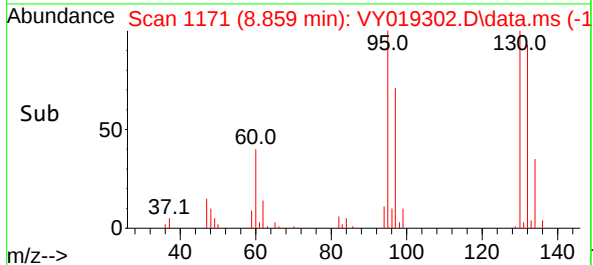
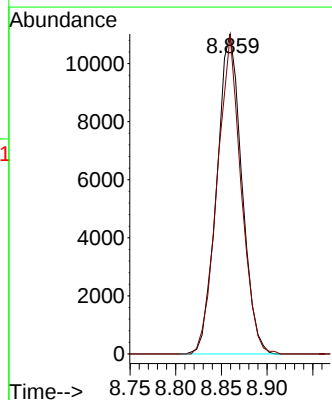
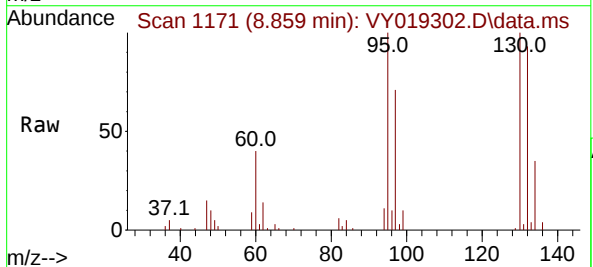
Instrument :
MSVOA_Y
ClientSampleId :

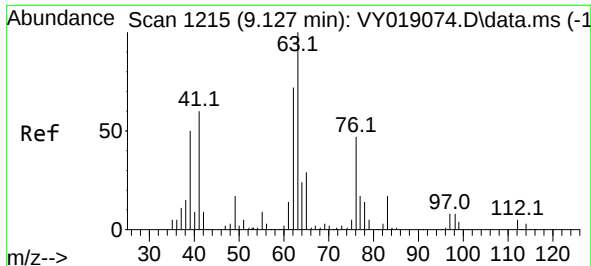
Tgt Ion: 43 Resp: 22066
Ion Ratio Lower Upper
43 100
61 21.4 27.9 41.9#
87 15.2 13.1 19.7



#44
Trichloroethene
Concen: 19.746 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion:130 Resp: 20999
Ion Ratio Lower Upper
130 100
95 99.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.743 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

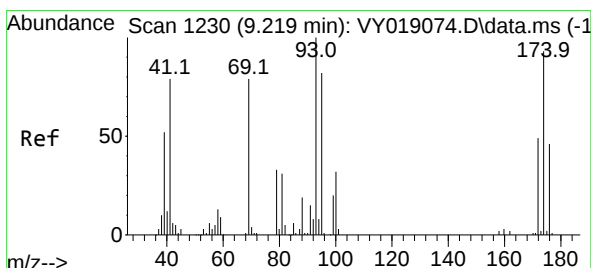
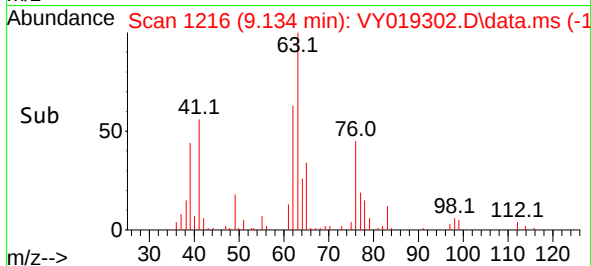
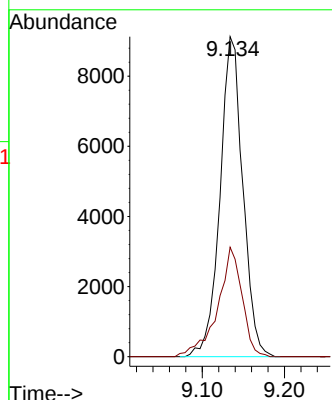
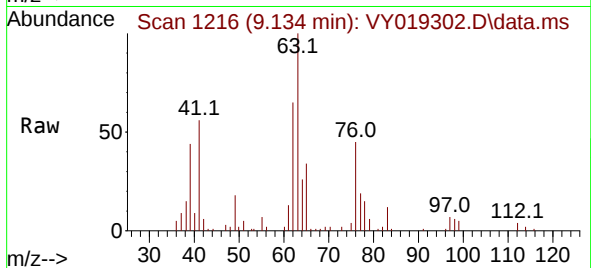
ClientSampleId :

Tgt Ion: 63 Resp: 17614

Ion Ratio Lower Upper

63 100

65 34.2 25.4 38.2



#46

Dibromomethane

Concen: 20.868 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

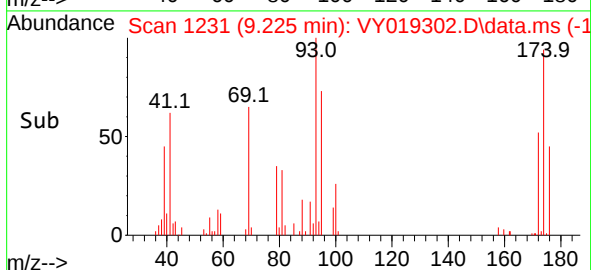
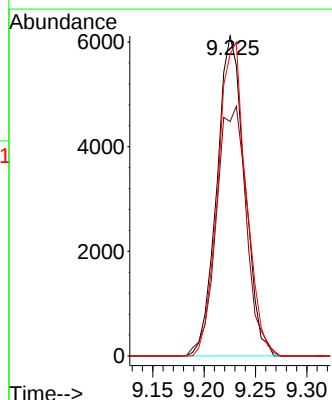
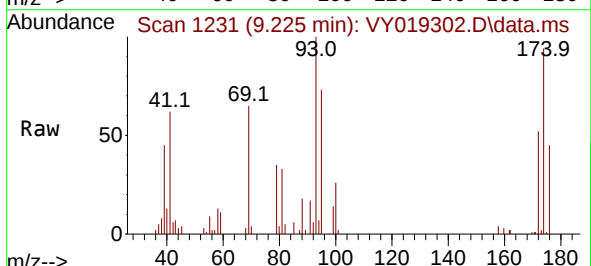
Tgt Ion: 93 Resp: 11493

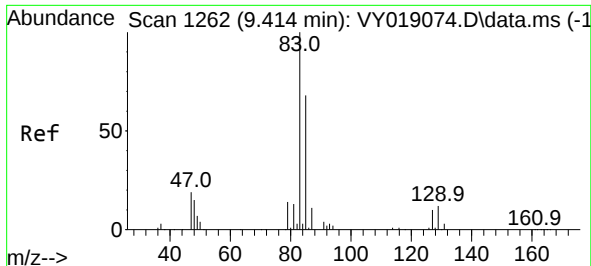
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

174 98.8 80.9 121.3

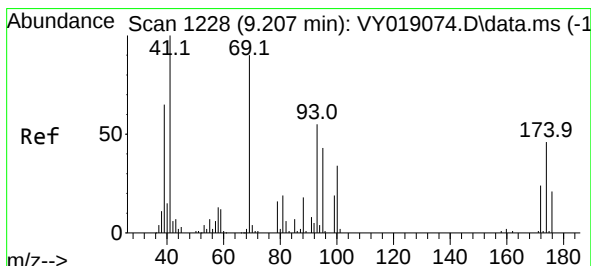
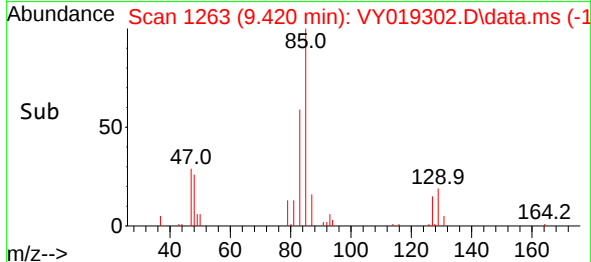
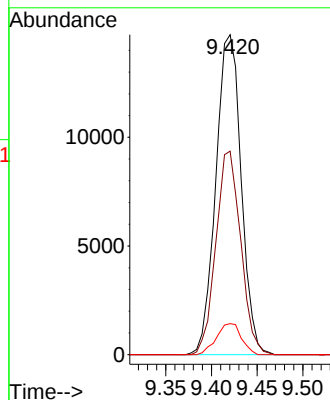
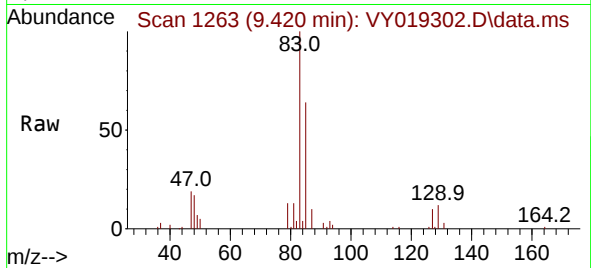




#47
Bromodichloromethane
Concen: 21.006 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

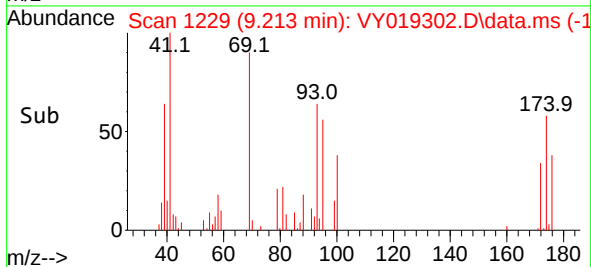
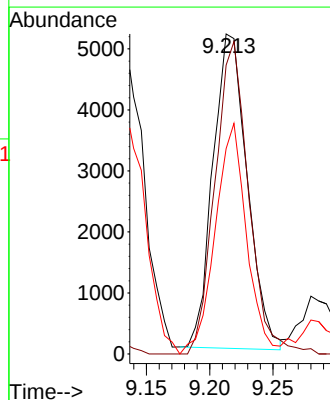
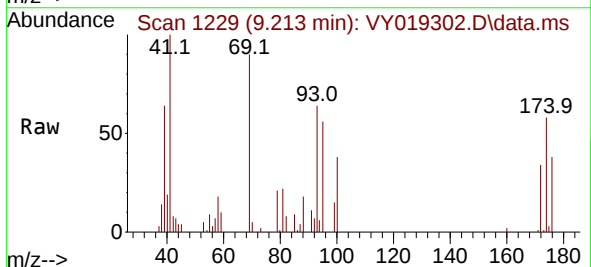
Instrument :
MSVOA_Y
ClientSampleId :

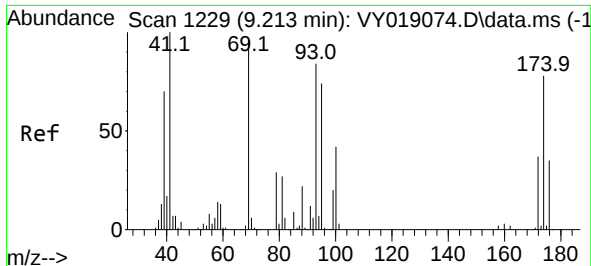
Tgt Ion: 83 Resp: 28384
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 9.7 7.4 11.0



#48
Methyl methacrylate
Concen: 19.592 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion: 41 Resp: 9722
Ion Ratio Lower Upper
41 100
69 97.3 84.1 126.1
39 66.9 43.6 65.4#





#49

1,4-Dioxane

Concen: 454.911 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

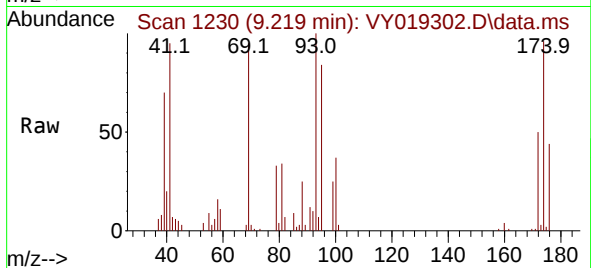
Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

ClientSampleId :



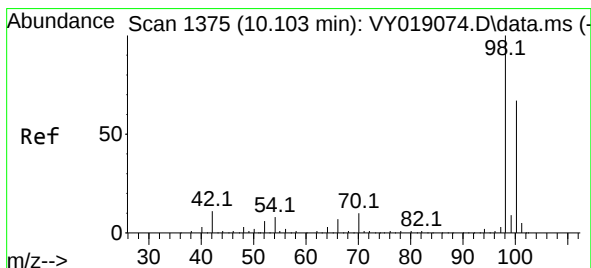
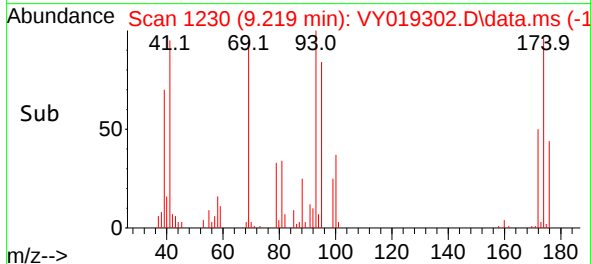
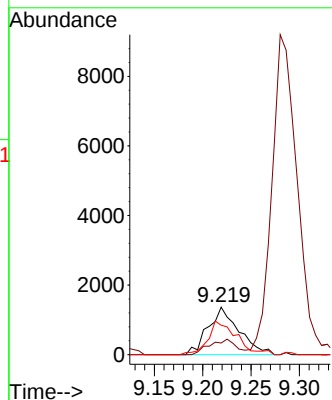
Tgt Ion: 88 Resp: 3035

Ion Ratio Lower Upper

88 100

43 28.0 0.0 0.0#

58 65.3 49.3 73.9



#50

Toluene-d8

Concen: 48.640 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019302.D

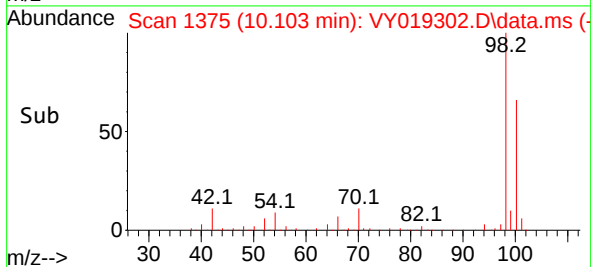
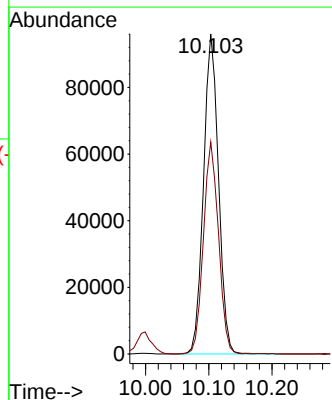
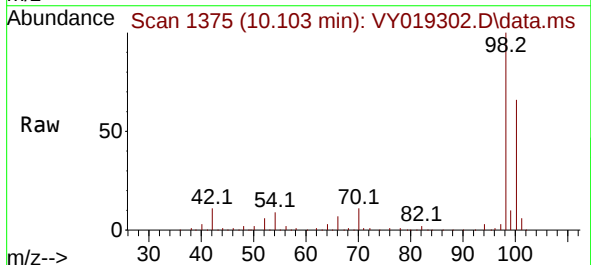
Acq: 27 Aug 2024 23:44

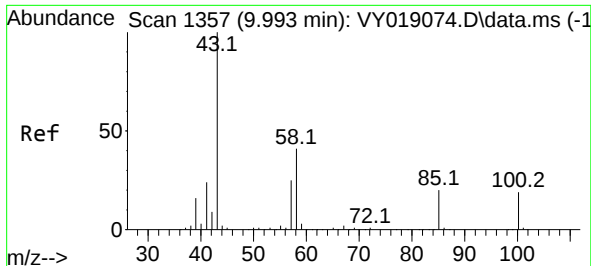
Tgt Ion: 98 Resp: 158403

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 102.479 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

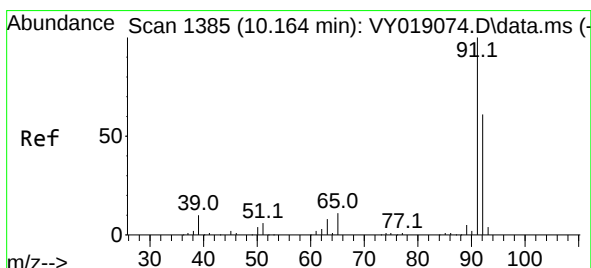
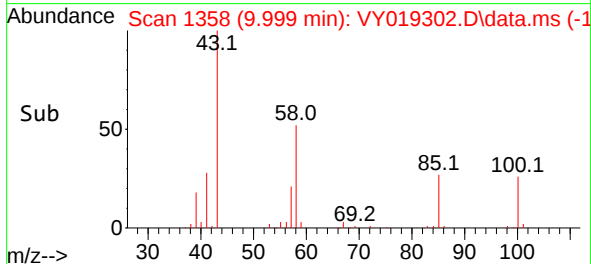
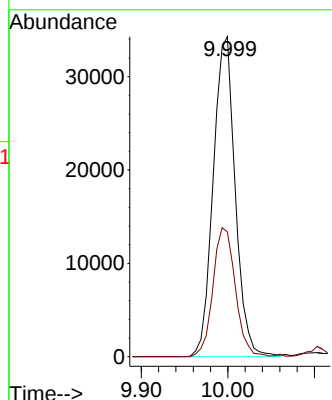
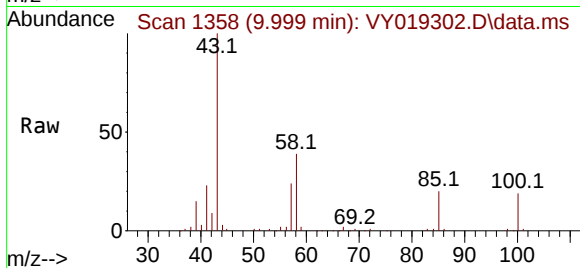
ClientSampleId :

Tgt Ion: 43 Resp: 60563

Ion Ratio Lower Upper

43 100

58 40.9 35.7 53.5



#52

Toluene

Concen: 20.231 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019302.D

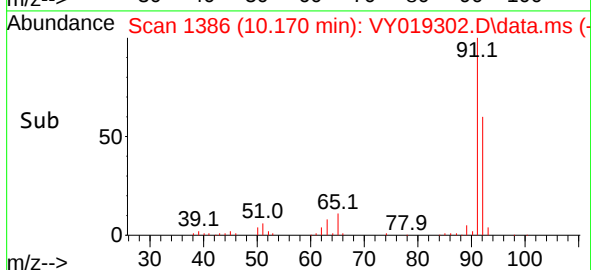
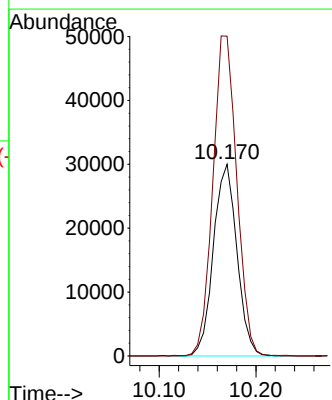
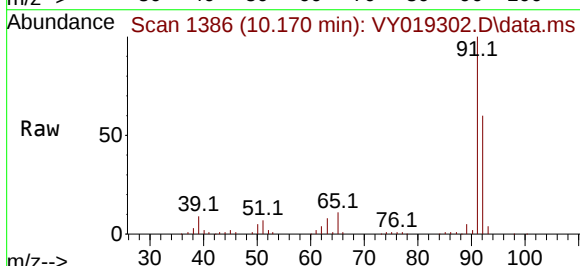
Acq: 27 Aug 2024 23:44

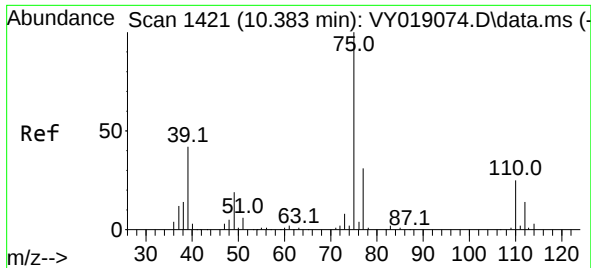
Tgt Ion: 92 Resp: 50613

Ion Ratio Lower Upper

92 100

91 170.5 139.0 208.6

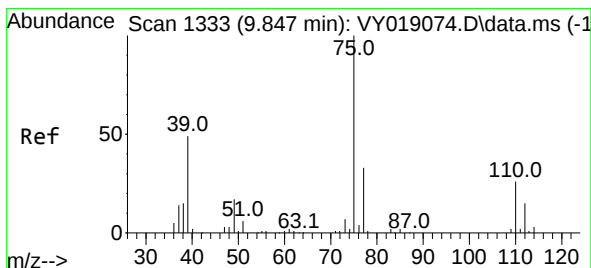
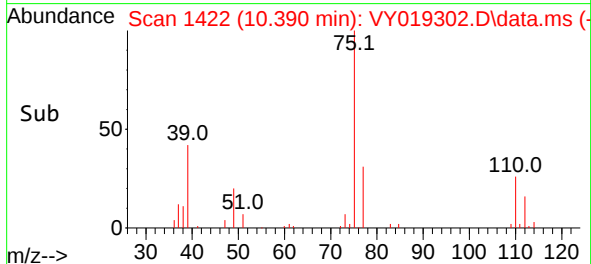
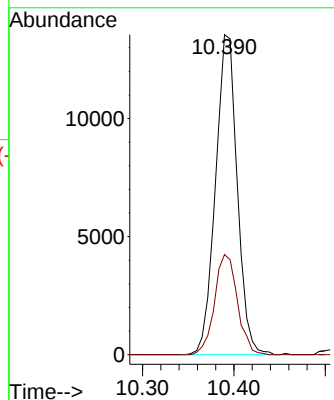
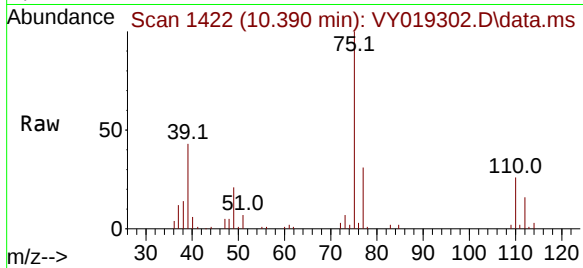




#53
t-1,3-Dichloropropene
Concen: 19.989 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

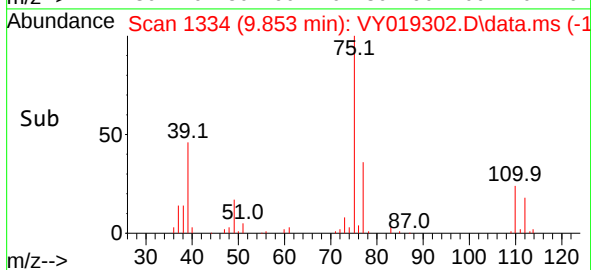
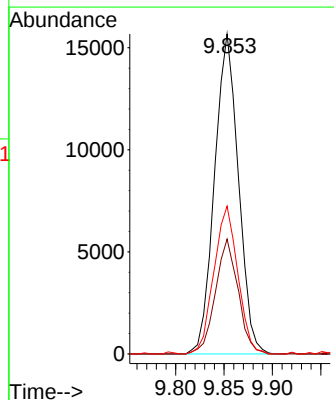
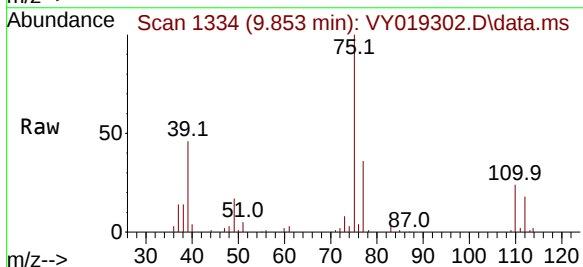
Instrument :
MSVOA_Y
ClientSampleId :

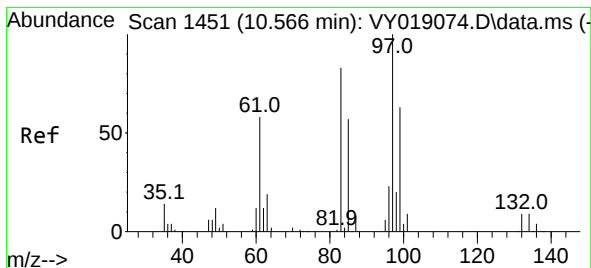
Tgt Ion: 75 Resp: 22405
Ion Ratio Lower Upper
75 100
77 31.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 19.931 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion: 75 Resp: 26867
Ion Ratio Lower Upper
75 100
77 35.9 25.4 38.0
39 46.2 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 21.326 ug/l

RT: 10.573 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 15120

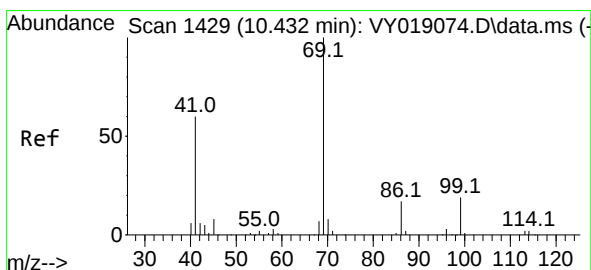
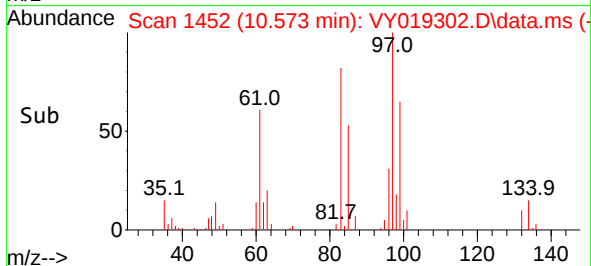
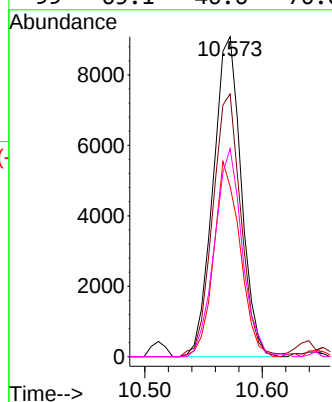
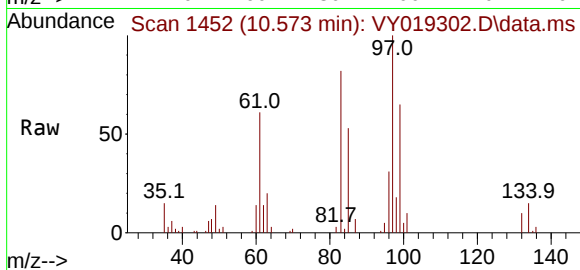
Ion Ratio Lower Upper

97 100

83 82.1 67.5 101.3

85 53.1 42.9 64.3

99 65.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.262 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

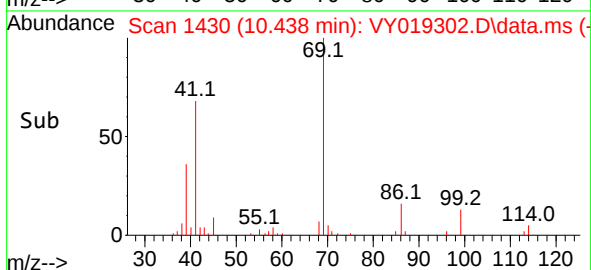
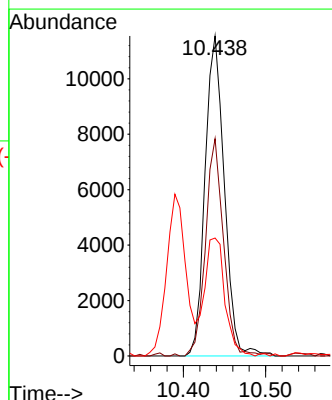
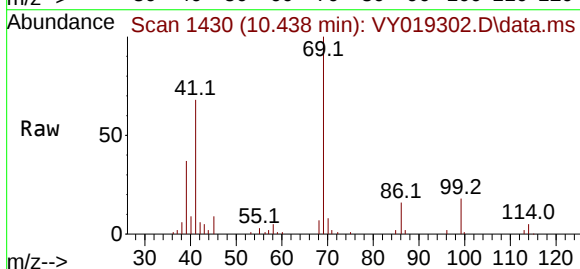
Tgt Ion: 69 Resp: 18804

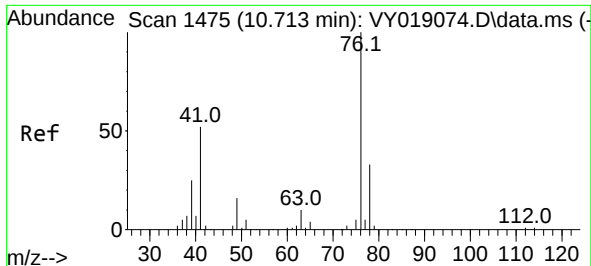
Ion Ratio Lower Upper

69 100

41 63.8 42.3 63.5#

39 39.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 21.385 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

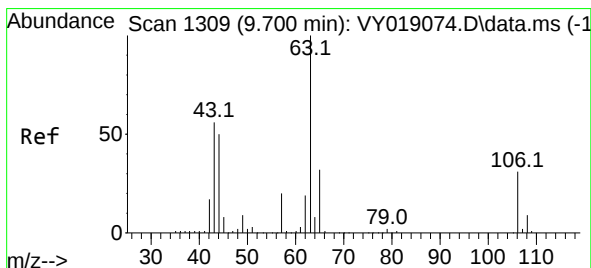
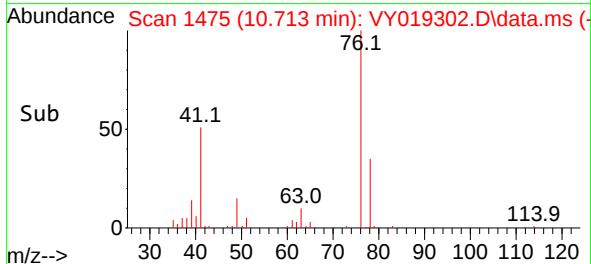
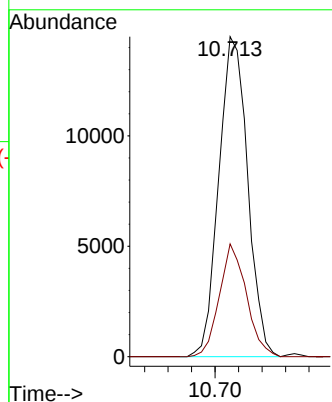
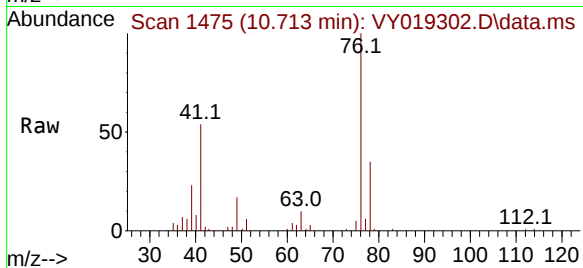
ClientSampleId :

Tgt Ion: 76 Resp: 24716

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 106.757 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019302.D

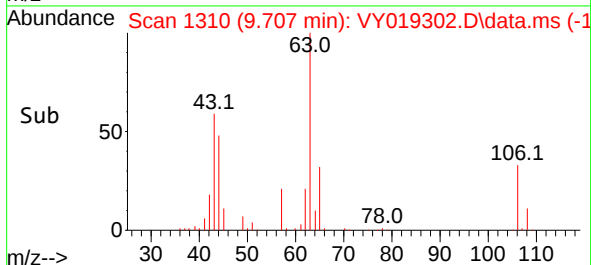
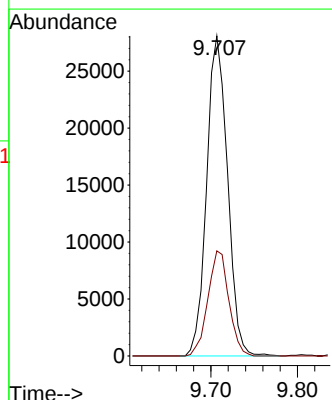
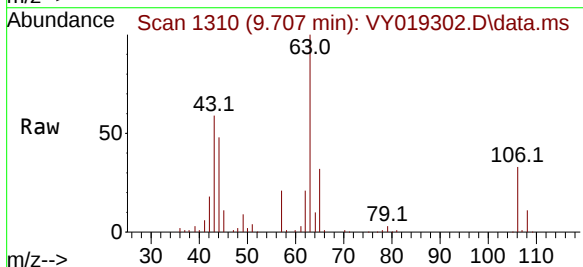
Acq: 27 Aug 2024 23:44

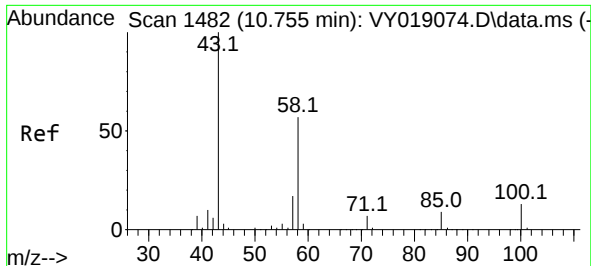
Tgt Ion: 63 Resp: 47000

Ion Ratio Lower Upper

63 100

106 33.0 23.7 35.5

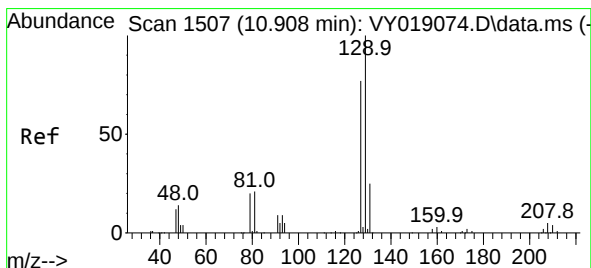
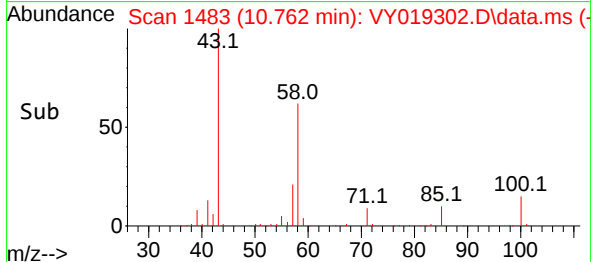
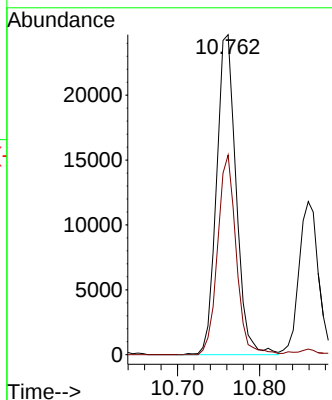
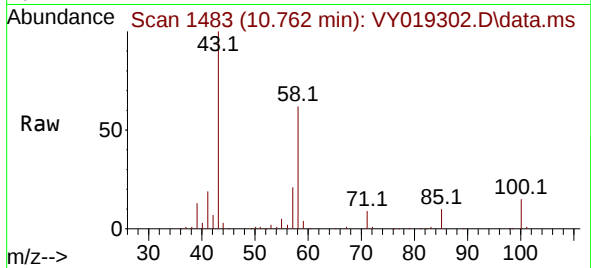




#59
2-Hexanone
Concen: 100.435 ug/l
RT: 10.762 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

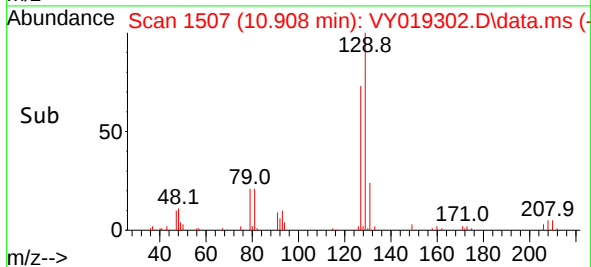
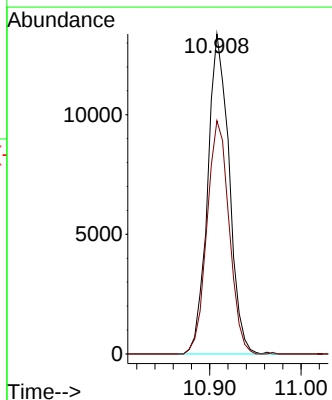
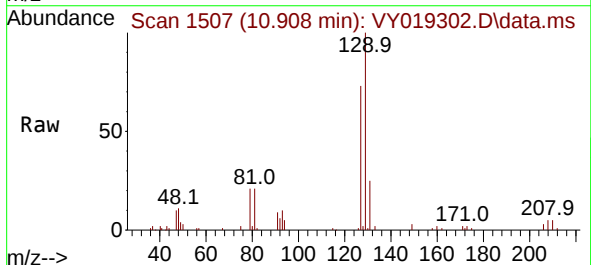
Instrument :
MSVOA_Y
ClientSampleId :

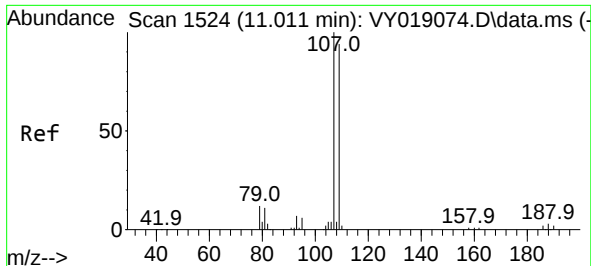
Tgt Ion: 43 Resp: 40778
Ion Ratio Lower Upper
43 100
58 59.2 31.4 94.0



#60
Dibromochloromethane
Concen: 22.550 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion:129 Resp: 21776
Ion Ratio Lower Upper
129 100
127 75.2 39.0 117.0

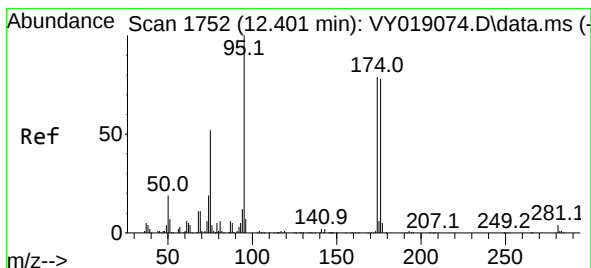
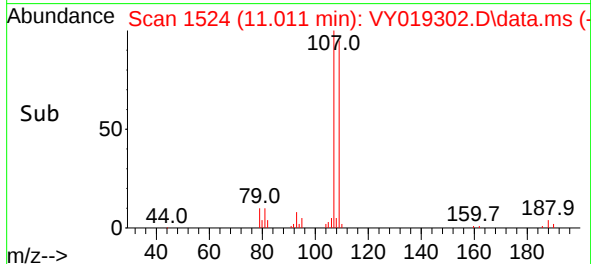
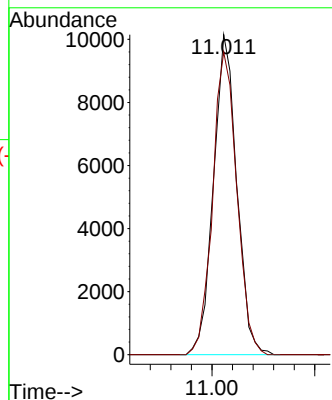
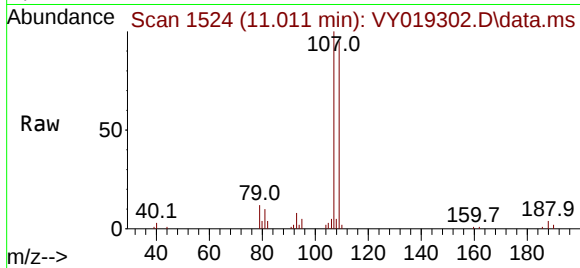




#61
1,2-Dibromoethane
Concen: 23.290 ug/l
RT: 11.011 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

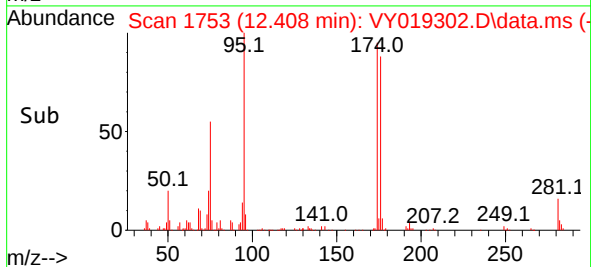
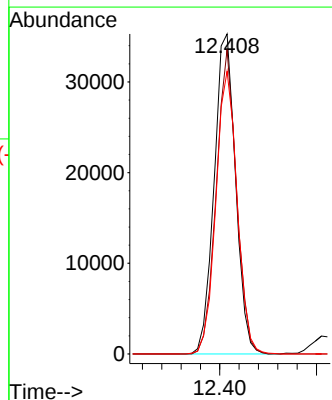
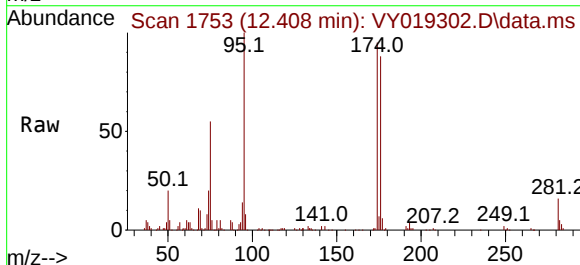
Instrument :
MSVOA_Y
ClientSampleId :

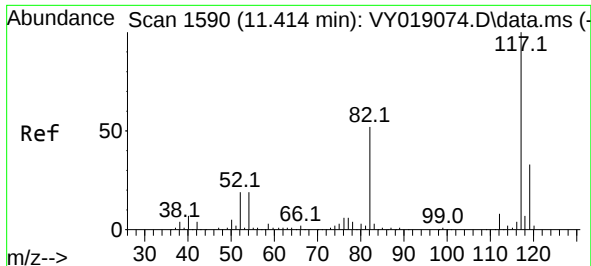
Tgt Ion:107 Resp: 15960
Ion Ratio Lower Upper
107 100
109 98.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 48.863 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion: 95 Resp: 54247
Ion Ratio Lower Upper
95 100
174 89.8 0.0 175.6
176 87.5 0.0 171.4

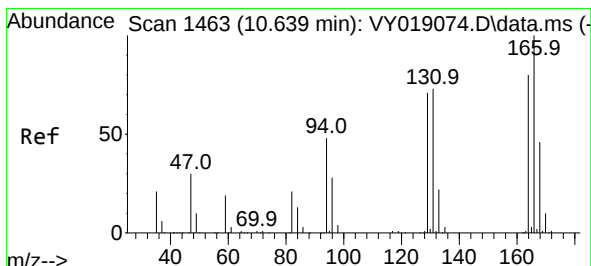
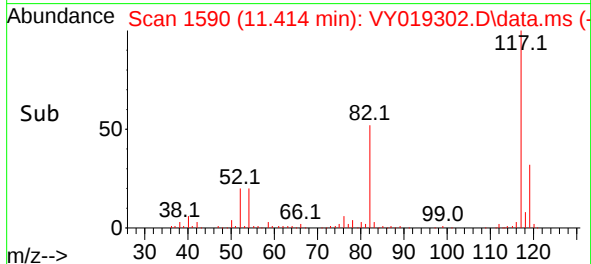
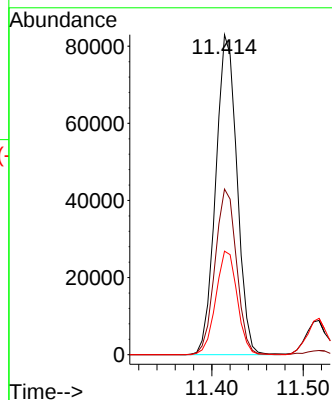
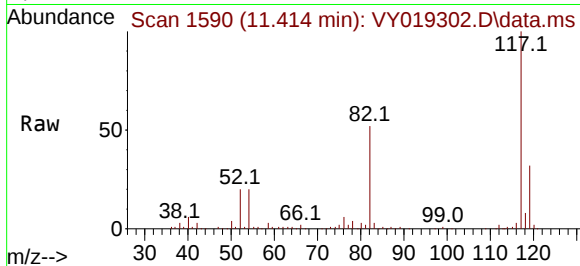




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

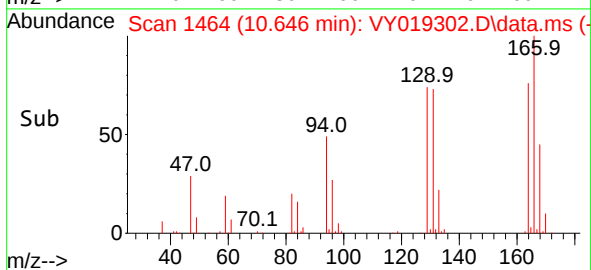
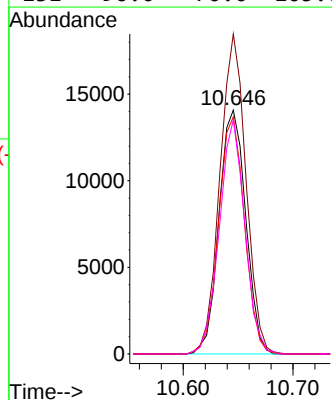
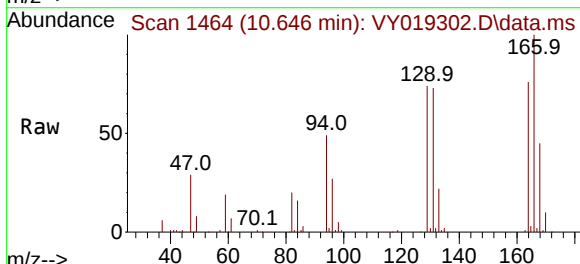
Instrument :
MSVOA_Y
ClientSampleId :

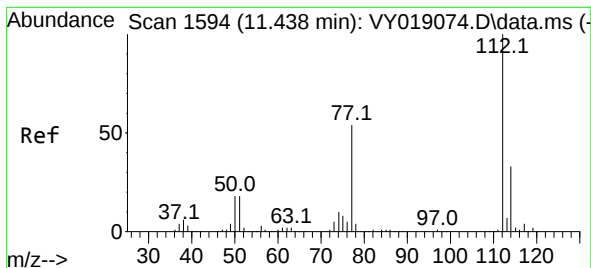
Tgt Ion:117 Resp: 134134
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 20.296 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion:164 Resp: 23796
Ion Ratio Lower Upper
164 100
166 131.2 102.6 154.0
129 97.2 72.0 108.0
131 96.0 70.0 105.0





#65

Chlorobenzene

Concen: 20.646 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

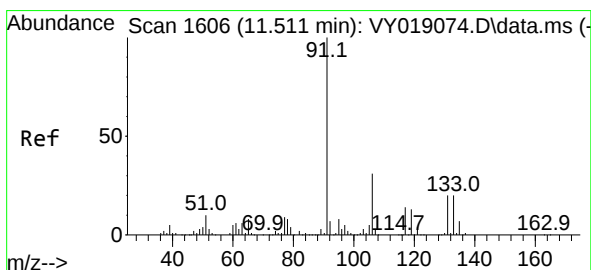
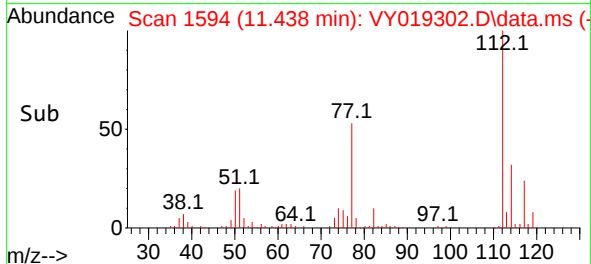
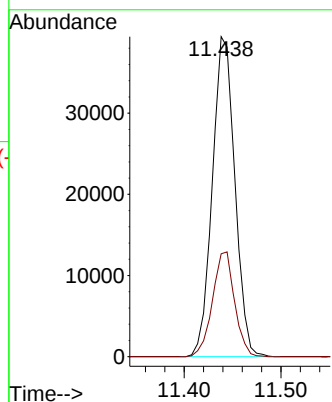
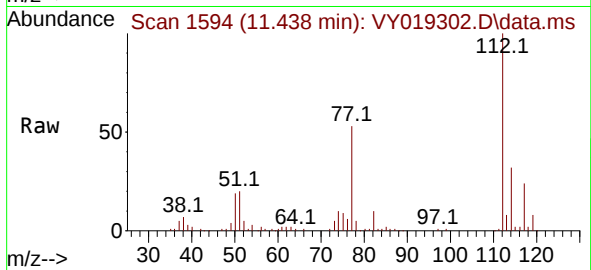
ClientSampleId :

Tgt Ion:112 Resp: 63768

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.693 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

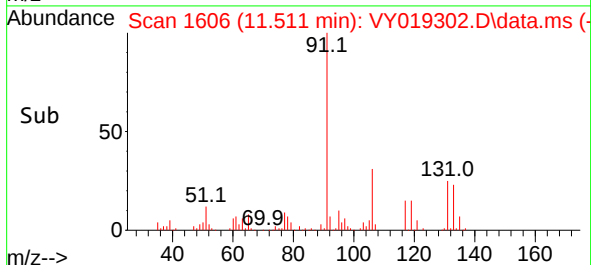
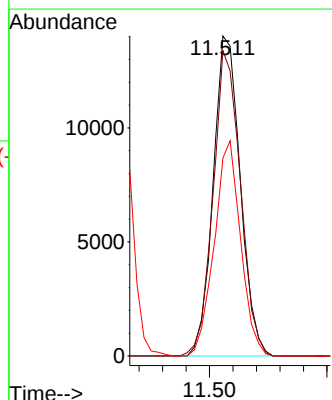
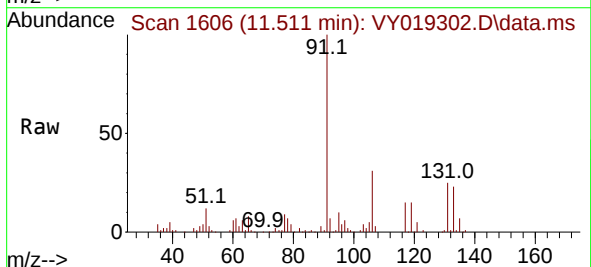
Tgt Ion:131 Resp: 22476

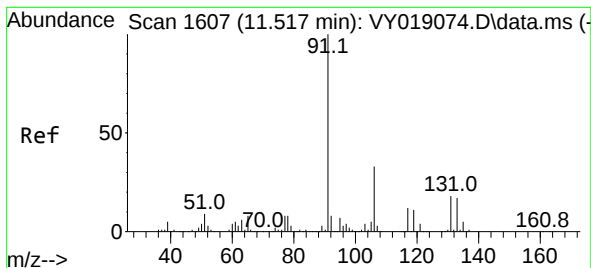
Ion Ratio Lower Upper

131 100

133 96.1 47.8 143.3

119 65.4 34.1 102.2





#67

Ethyl Benzene

Concen: 20.142 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

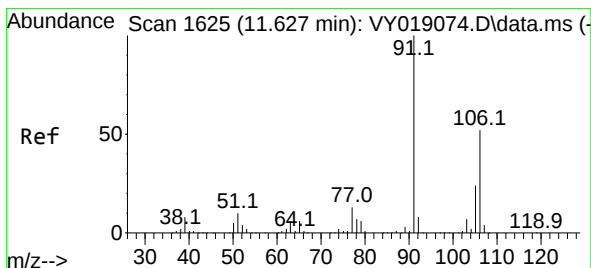
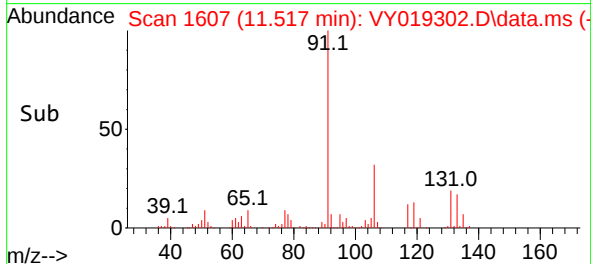
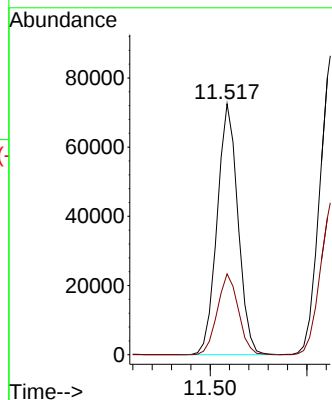
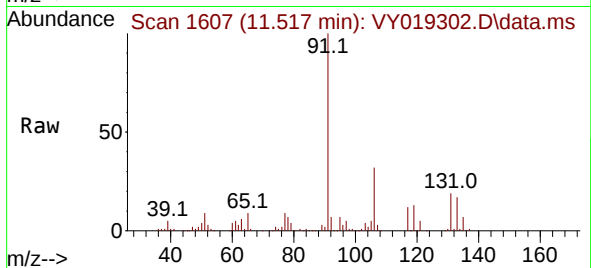
ClientSampleId :

Tgt Ion: 91 Resp: 107978

Ion Ratio Lower Upper

91 100

106 32.2 24.5 36.7



#68

m/p-Xylenes

Concen: 39.837 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019302.D

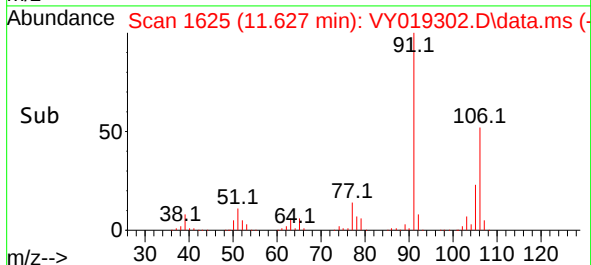
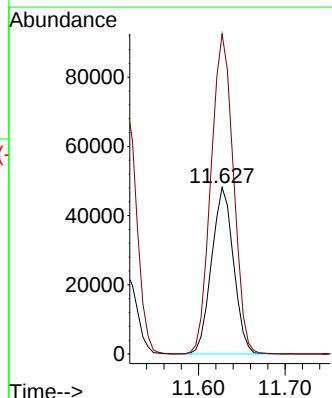
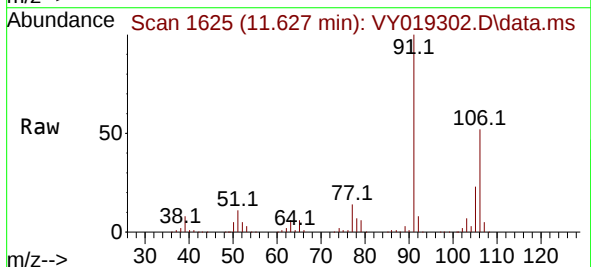
Acq: 27 Aug 2024 23:44

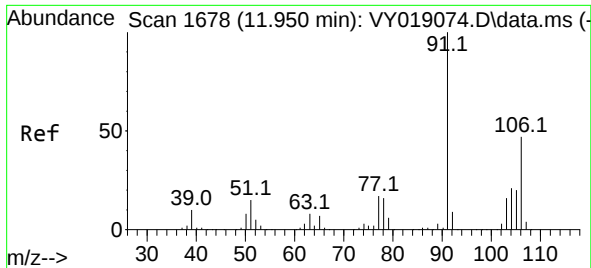
Tgt Ion:106 Resp: 84737

Ion Ratio Lower Upper

106 100

91 197.0 156.0 234.0

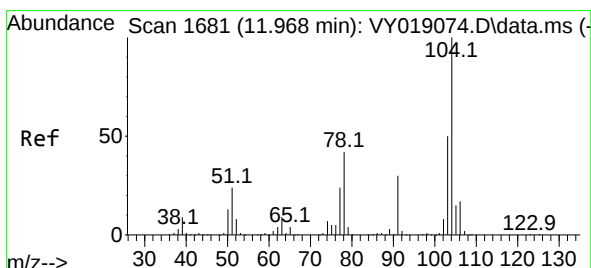
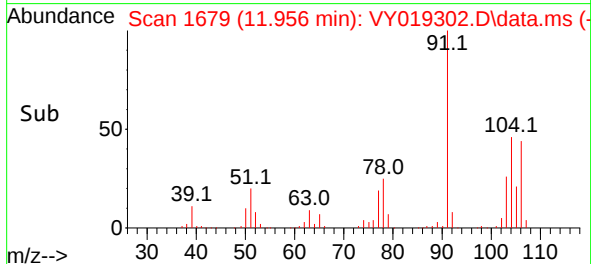
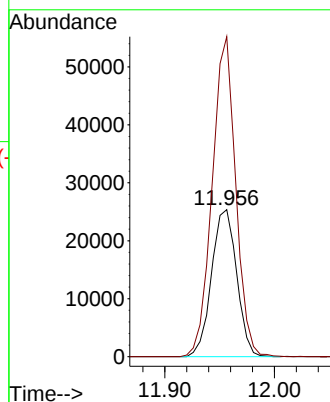
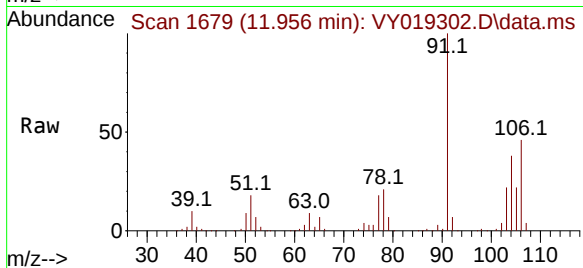




#69
o-Xylene
Concen: 20.530 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

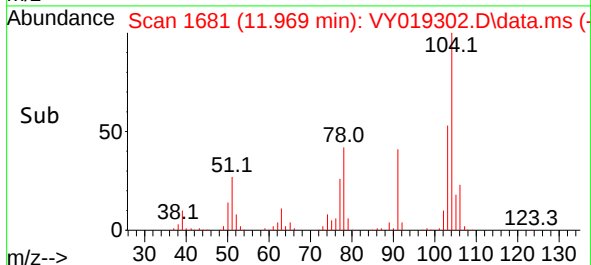
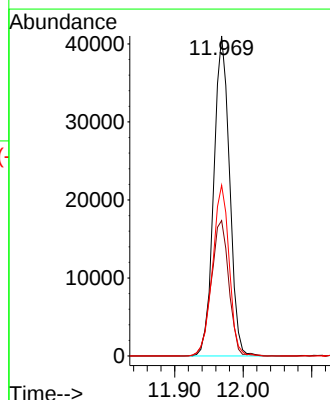
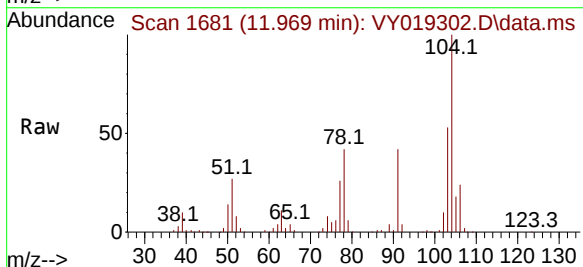
Instrument :
MSVOA_Y
ClientSampleId :

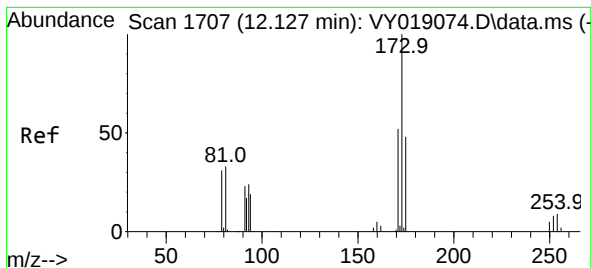
Tgt Ion:106 Resp: 40440
Ion Ratio Lower Upper
106 100
91 203.5 103.6 310.8



#70
Styrene
Concen: 19.542 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion:104 Resp: 65642
Ion Ratio Lower Upper
104 100
78 47.1 37.0 55.4
103 55.9 44.2 66.2





#71

Bromoform

Concen: 21.129 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY019302.D

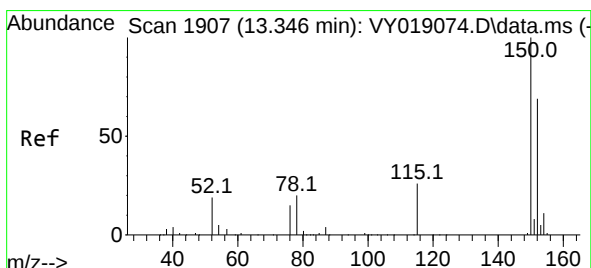
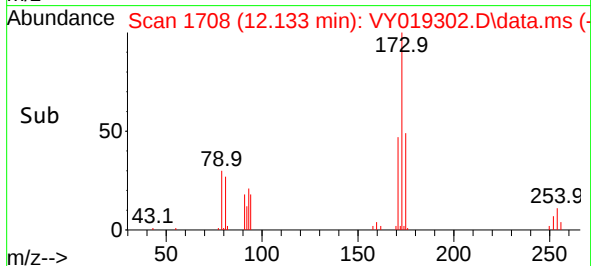
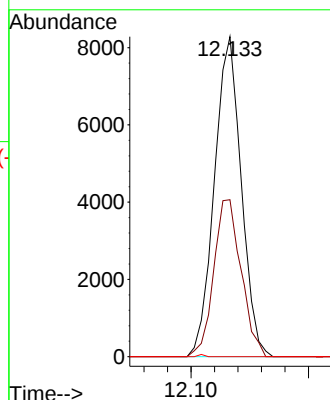
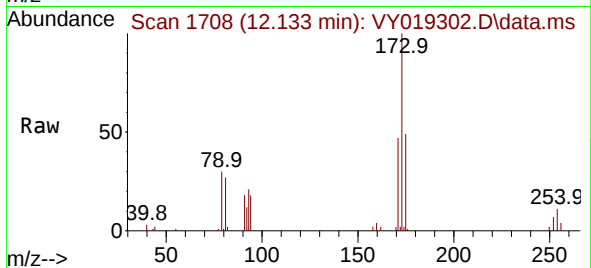
Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	13119
Ion Ratio	Lower	Upper
173	100	
175	50.1	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

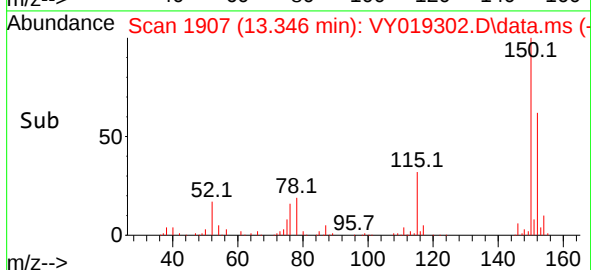
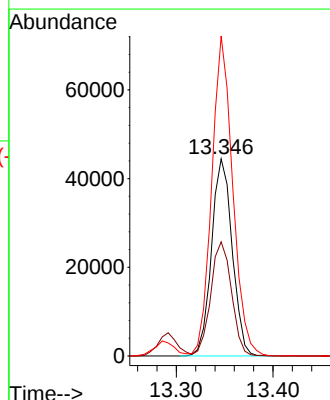
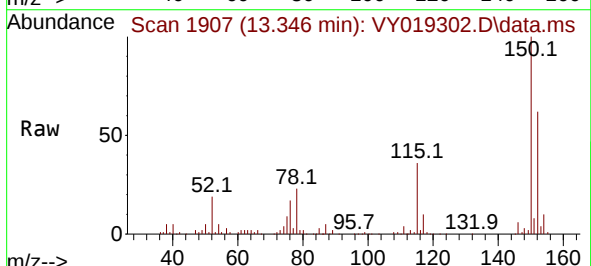
RT: 13.346 min Scan# 1907

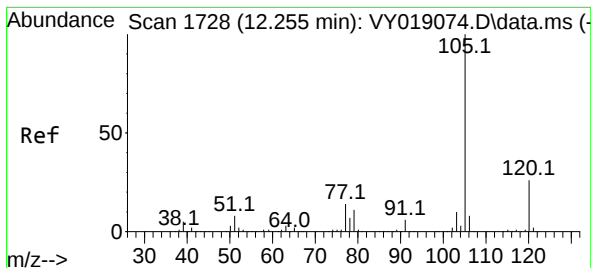
Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Tgt Ion:152	Resp:	66026
Ion Ratio	Lower	Upper
152	100	
115	58.2	28.2 84.7
150	164.8	0.0 345.6





#73

Isopropylbenzene

Concen: 18.686 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

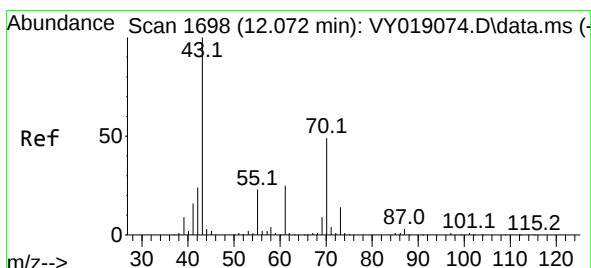
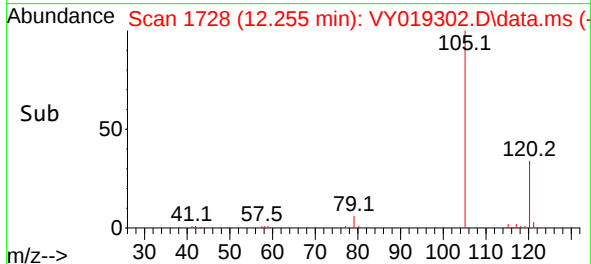
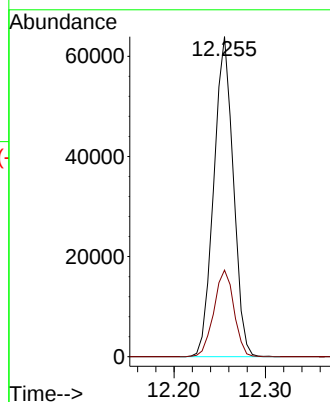
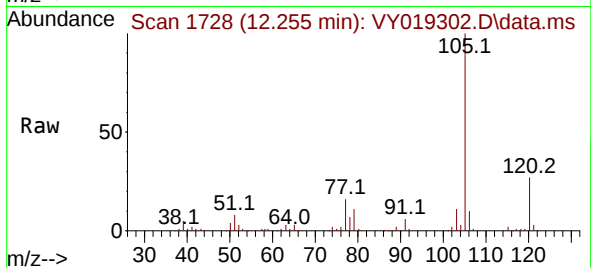
ClientSampleId :

Tgt Ion:105 Resp: 94562

Ion Ratio Lower Upper

105 100

120 27.8 13.4 40.1



#74

N-ethyl acetate

Concen: 20.302 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Tgt Ion: 43 Resp: 22403

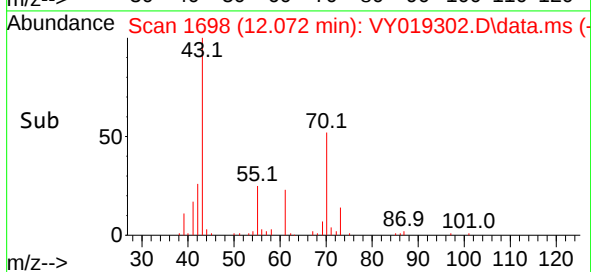
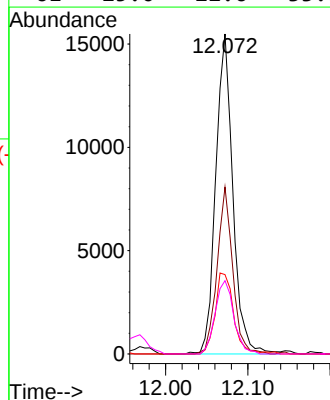
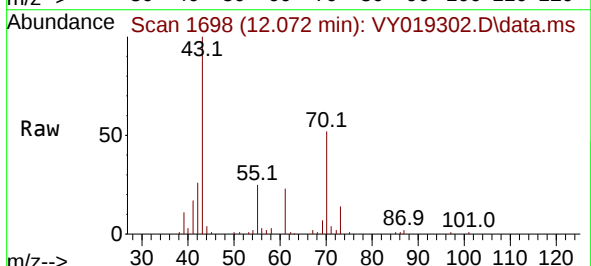
Ion Ratio Lower Upper

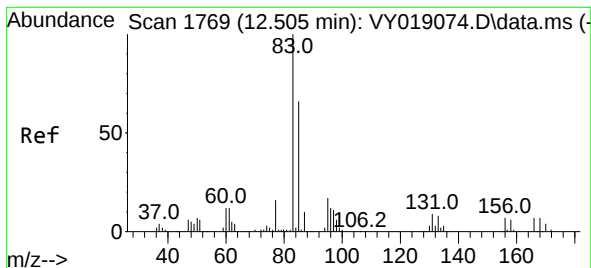
43 100

70 47.6 41.4 62.2

55 27.4 23.3 34.9

61 25.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.477 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

ClientSampleId :

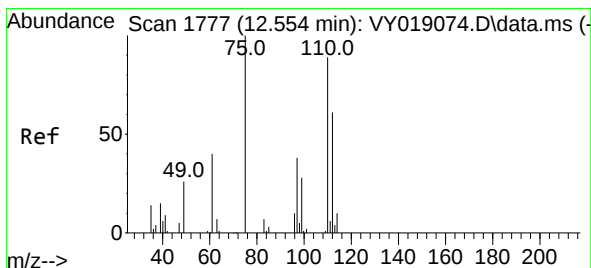
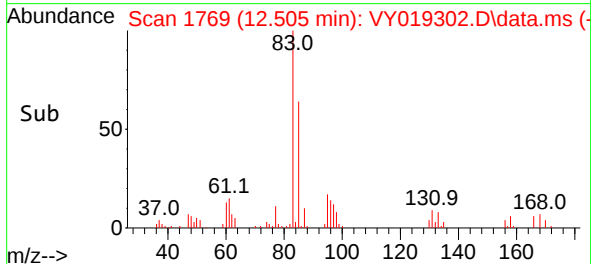
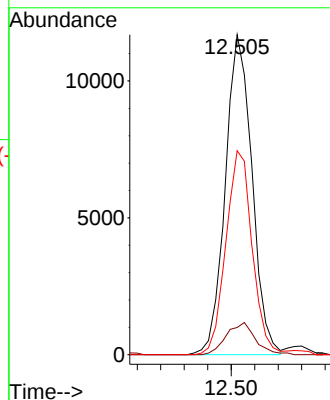
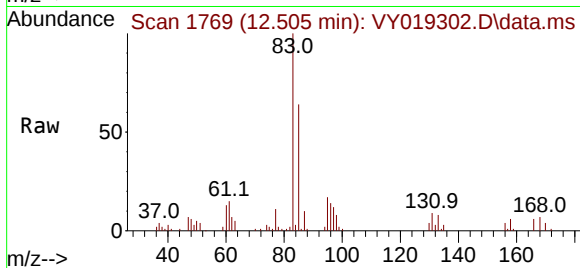
Tgt Ion: 83 Resp: 18448

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 62.9 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 35.420 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019302.D

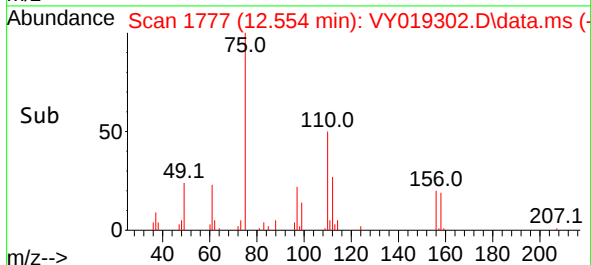
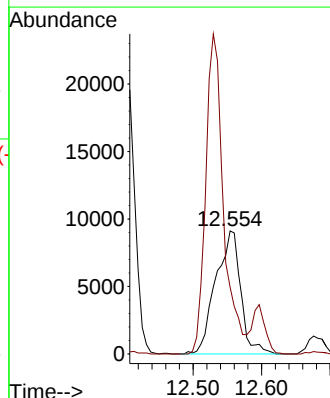
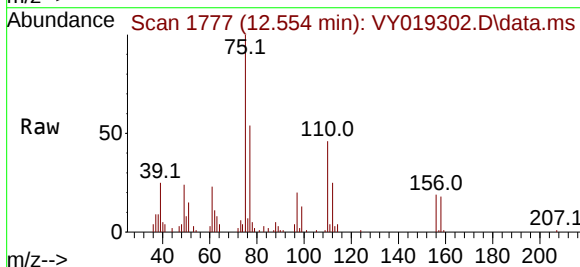
Acq: 27 Aug 2024 23:44

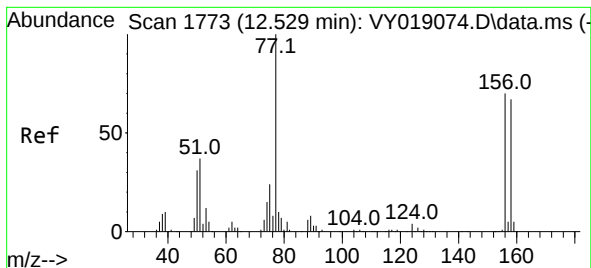
Tgt Ion: 75 Resp: 23063

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.128 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

ClientSampleId :

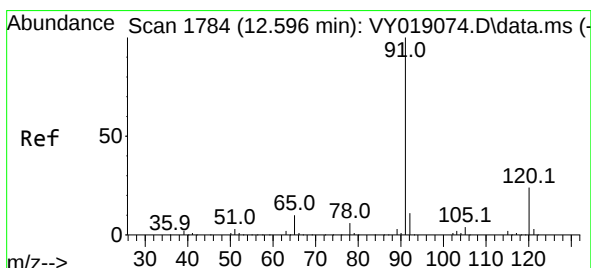
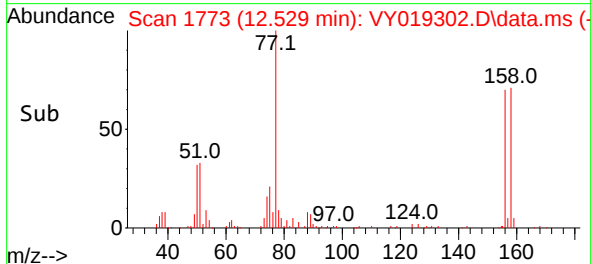
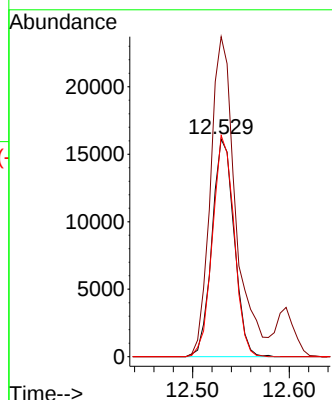
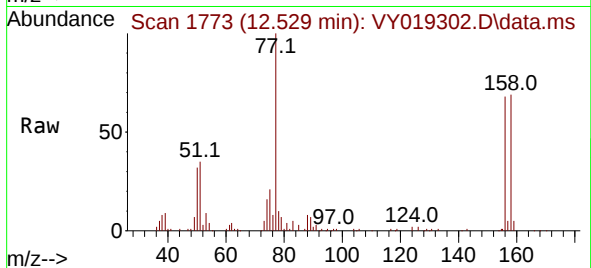
Tgt Ion:156 Resp: 25678

Ion Ratio Lower Upper

156 100

77 167.3 87.1 261.3

158 98.5 48.6 145.9



#78

n-propylbenzene

Concen: 20.641 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019302.D

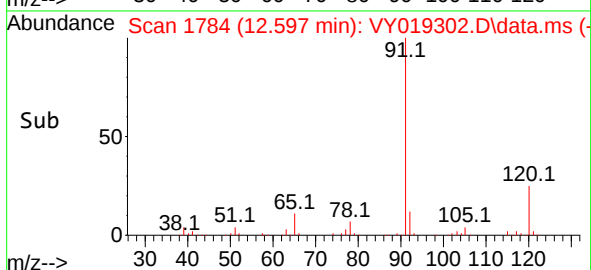
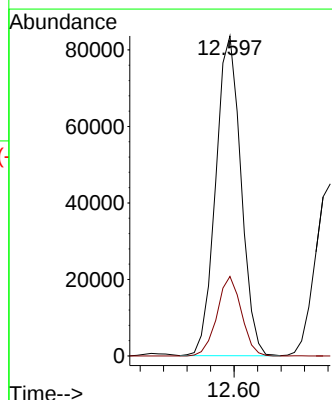
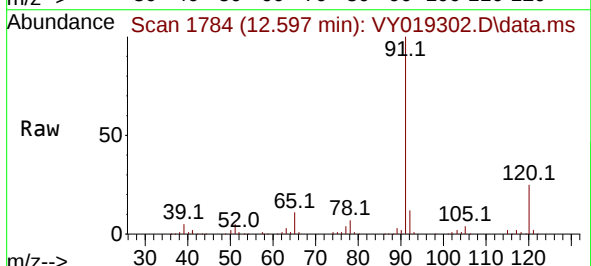
Acq: 27 Aug 2024 23:44

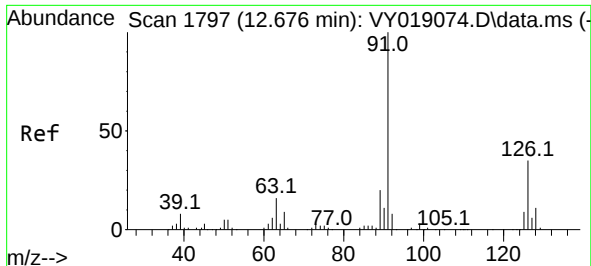
Tgt Ion: 91 Resp: 124870

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.548 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

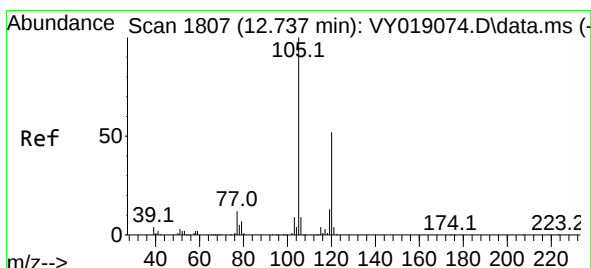
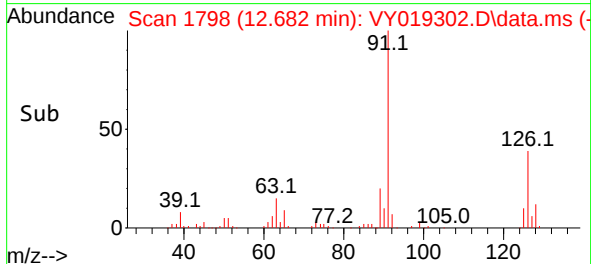
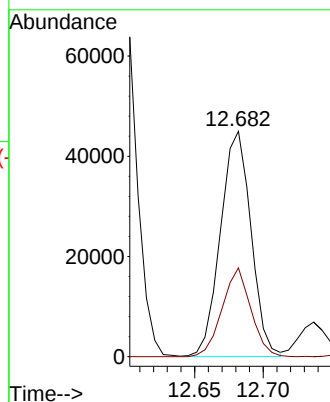
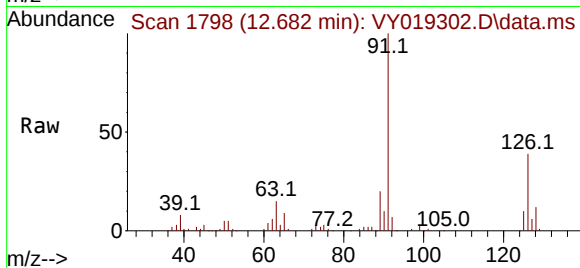
ClientSampleId :

Tgt Ion: 91 Resp: 69693

Ion Ratio Lower Upper

91 100

126 37.1 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.127 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019302.D

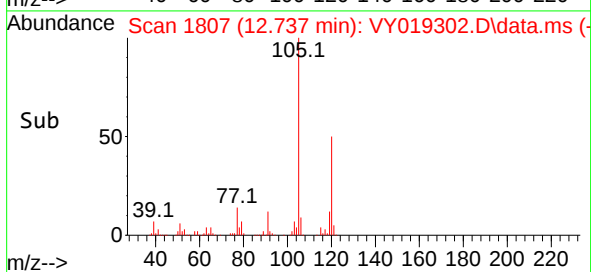
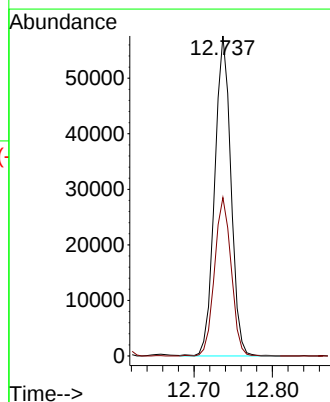
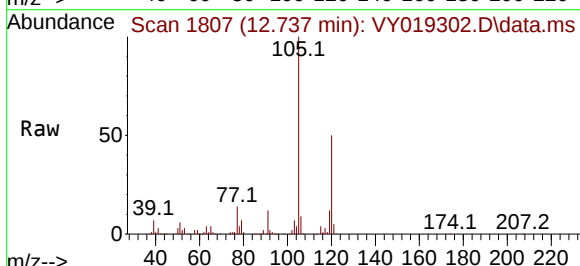
Acq: 27 Aug 2024 23:44

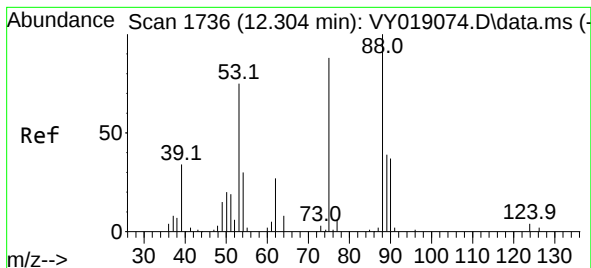
Tgt Ion: 105 Resp: 82978

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.2

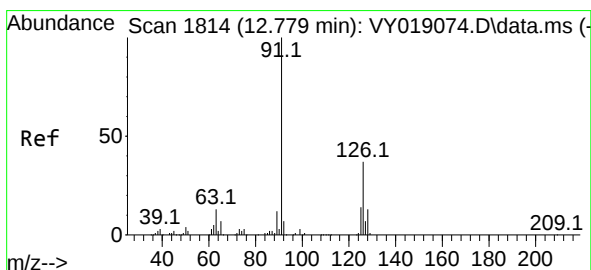
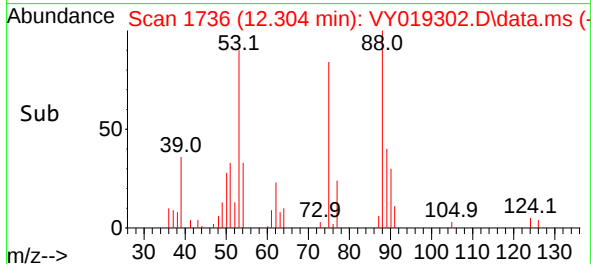
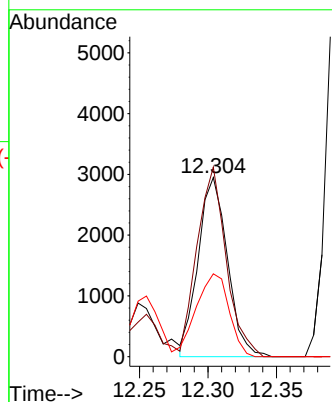
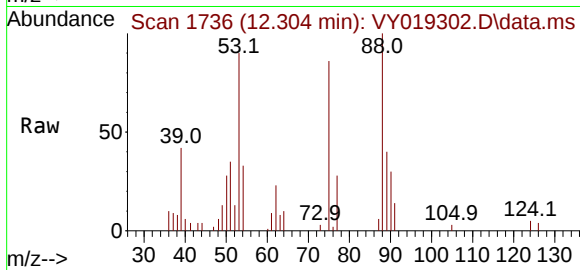




#81
trans-1,4-Dichloro-2-butene
Concen: 16.628 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

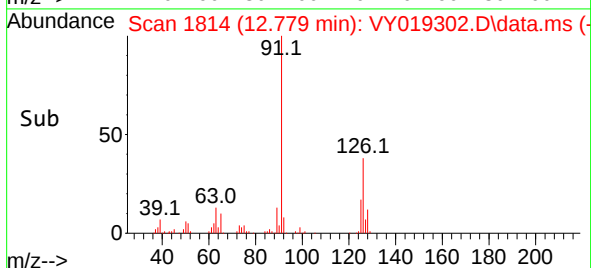
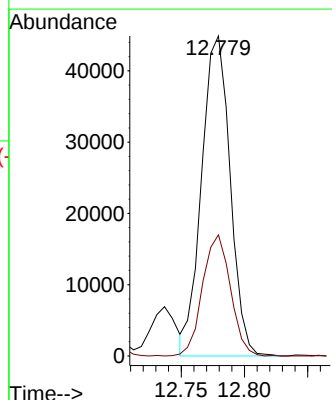
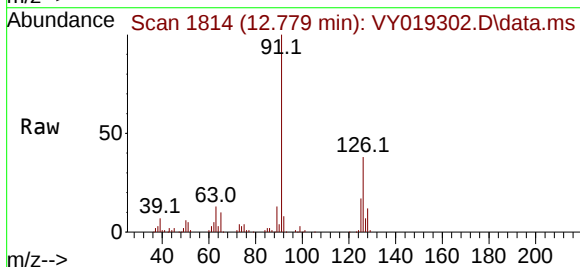
Instrument :
MSVOA_Y
ClientSampleId :

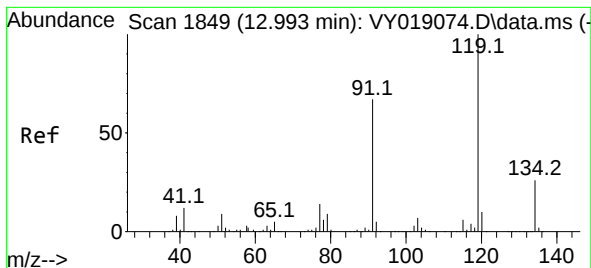
Tgt Ion: 75 Resp: 4384
Ion Ratio Lower Upper
75 100
53 105.2 66.8 100.2#
89 52.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.989 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019302.D
Acq: 27 Aug 2024 23:44

Tgt Ion: 91 Resp: 70535
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.244 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

ClientSampleId :

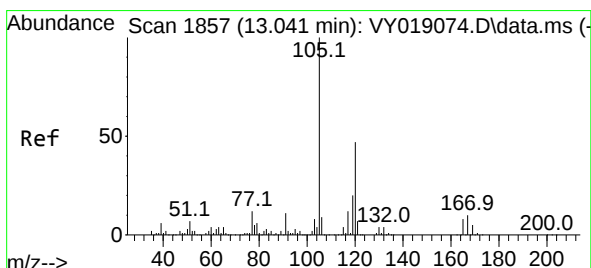
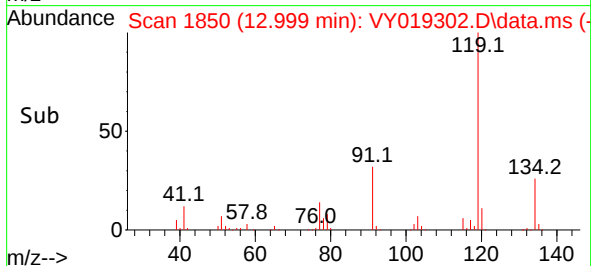
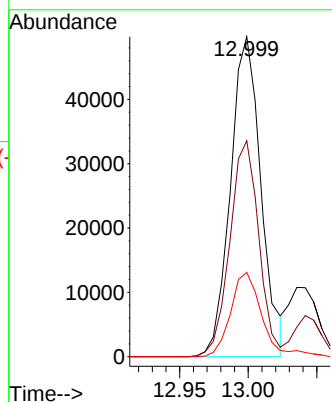
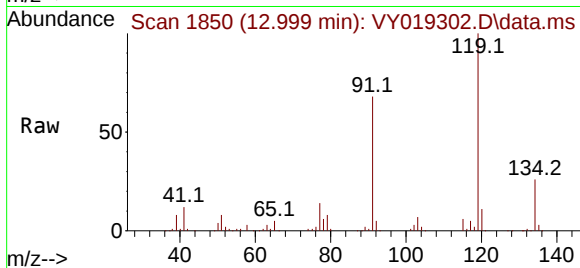
Tgt Ion:119 Resp: 77073

Ion Ratio Lower Upper

119 100

91 64.0 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.875 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019302.D

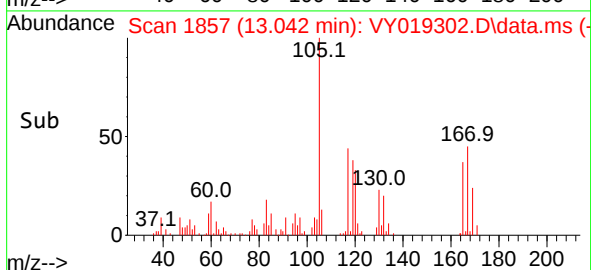
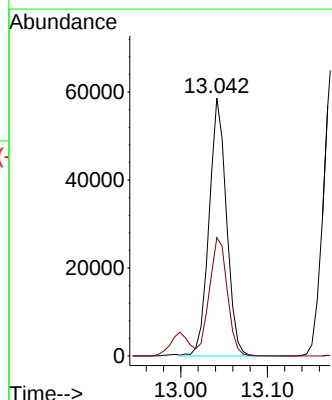
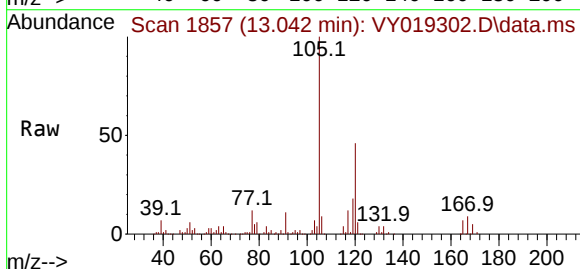
Acq: 27 Aug 2024 23:44

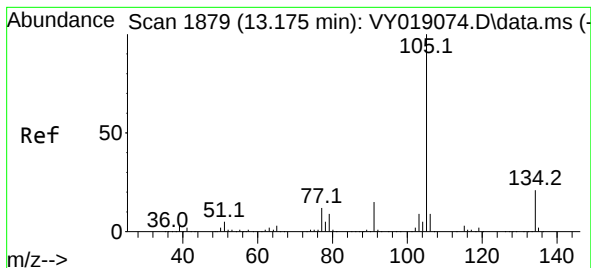
Tgt Ion:105 Resp: 81661

Ion Ratio Lower Upper

105 100

120 47.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 18.741 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

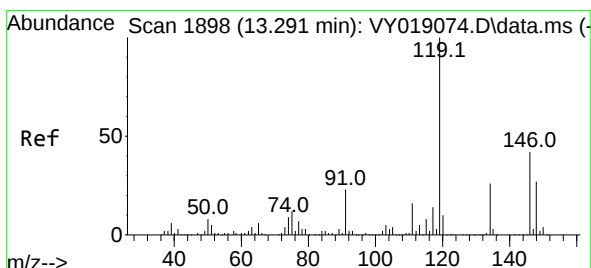
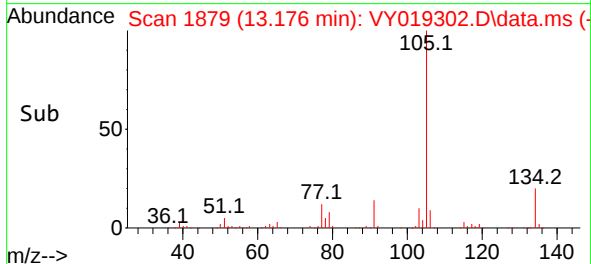
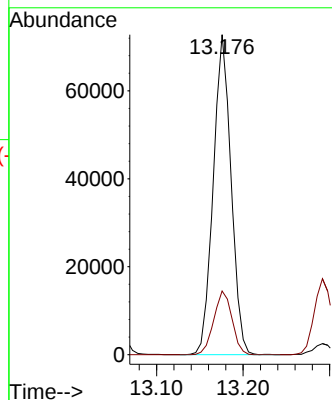
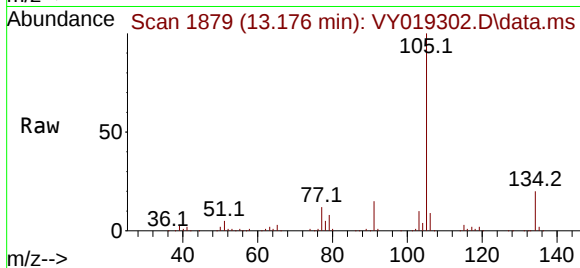
ClientSampleId :

Tgt Ion:105 Resp: 103974

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.484 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

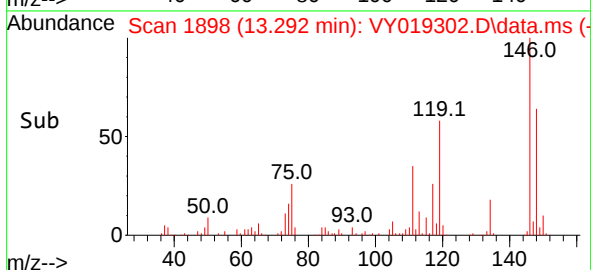
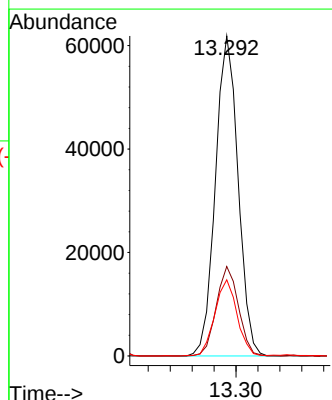
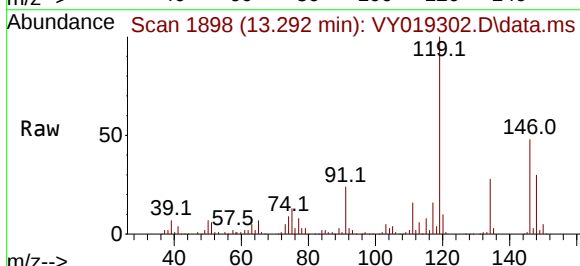
Tgt Ion:119 Resp: 88791

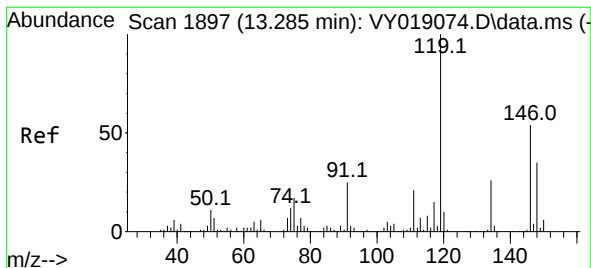
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 23.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.474 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

ClientSampleId :

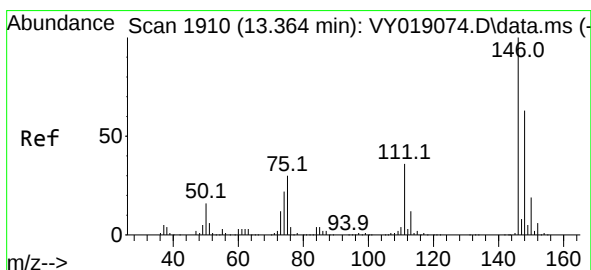
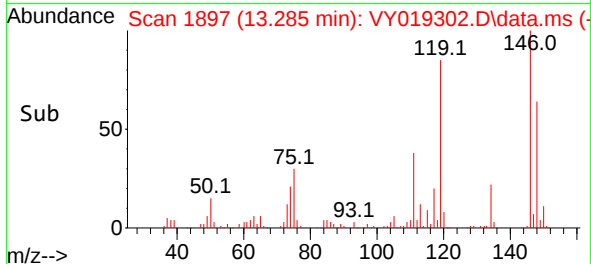
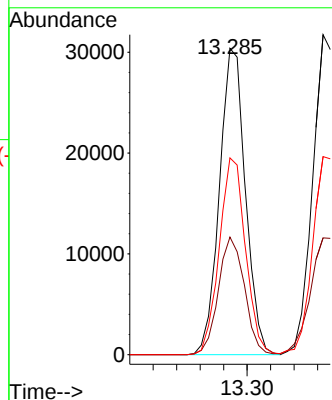
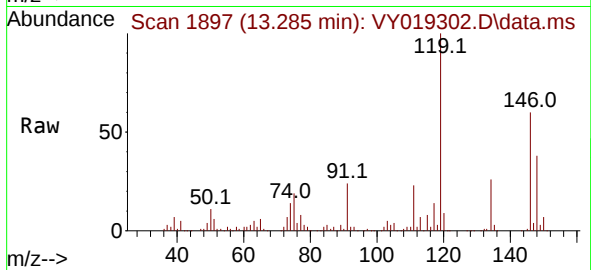
Tgt Ion:146 Resp: 46675

Ion Ratio Lower Upper

146 100

111 38.5 19.0 57.0

148 65.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.774 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

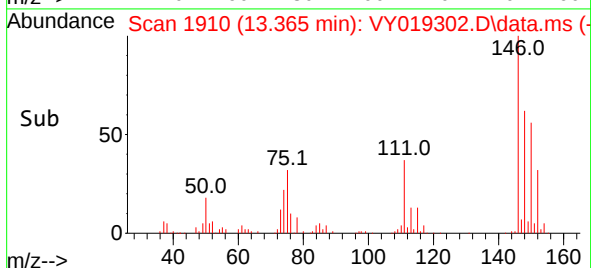
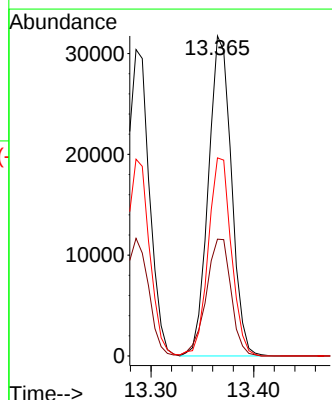
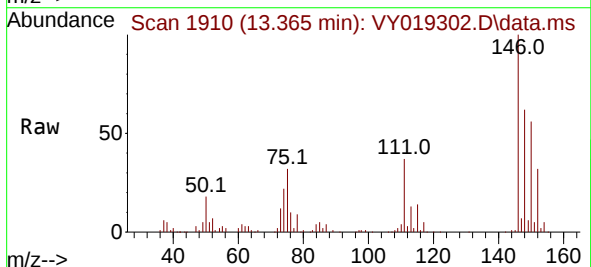
Tgt Ion:146 Resp: 49495

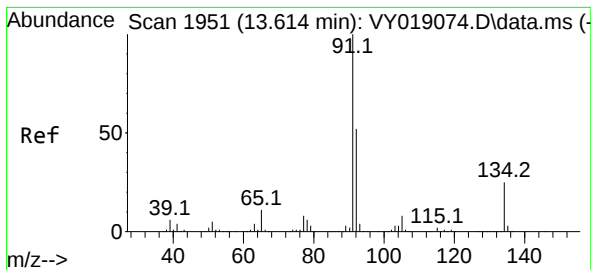
Ion Ratio Lower Upper

146 100

111 39.3 18.4 55.4

148 61.9 32.4 97.2





#89

n-Butylbenzene

Concen: 20.005 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

ClientSampleId :

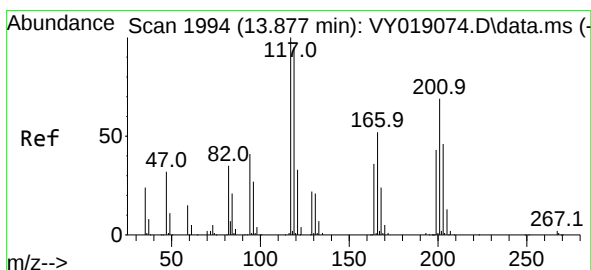
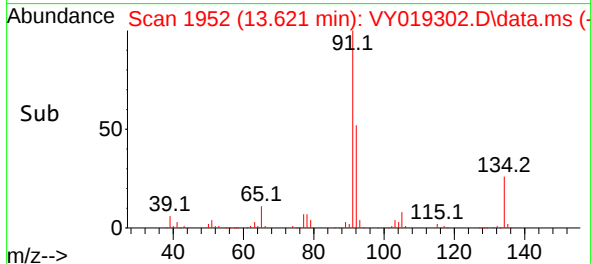
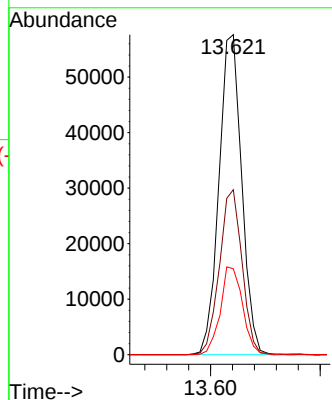
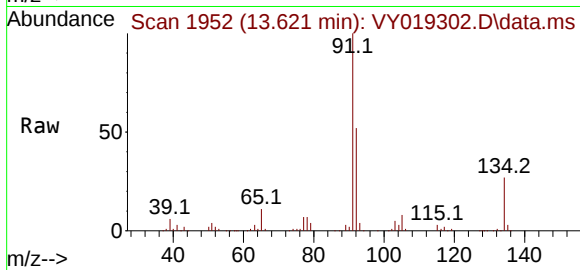
Tgt Ion: 91 Resp: 83118

Ion Ratio Lower Upper

91 100

92 51.4 26.6 79.7

134 26.8 12.9 38.7



#90

Hexachloroethane

Concen: 19.492 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY019302.D

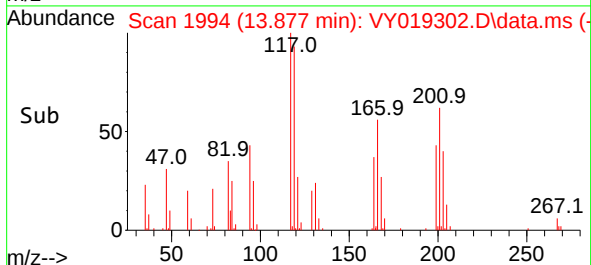
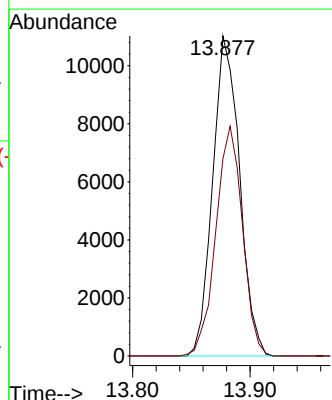
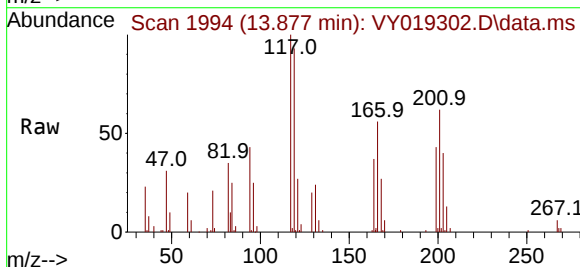
Acq: 27 Aug 2024 23:44

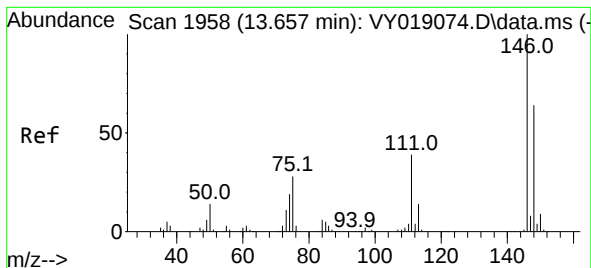
Tgt Ion: 117 Resp: 17508

Ion Ratio Lower Upper

117 100

201 71.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.392 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

ClientSampleId :

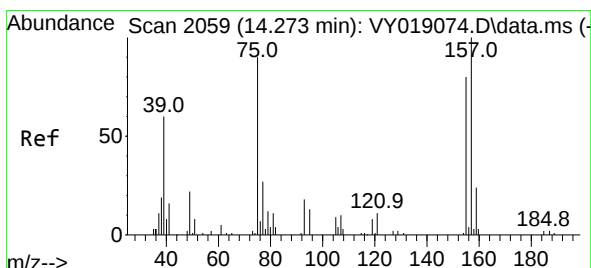
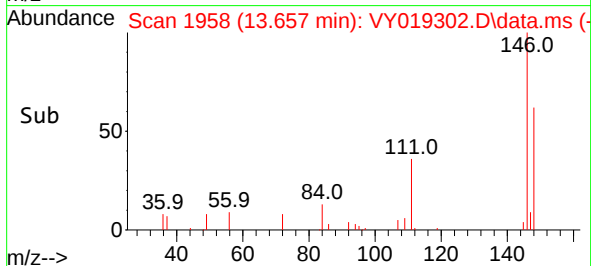
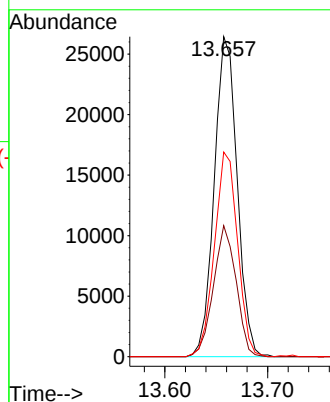
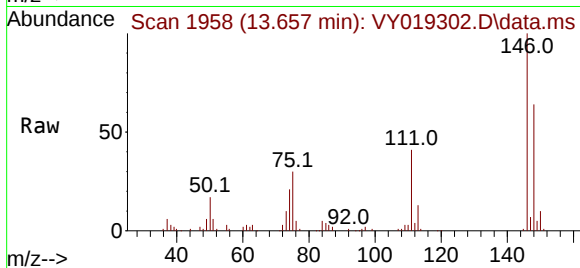
Tgt Ion:146 Resp: 40878

Ion Ratio Lower Upper

146 100

111 40.5 19.9 59.7

148 64.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.104 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

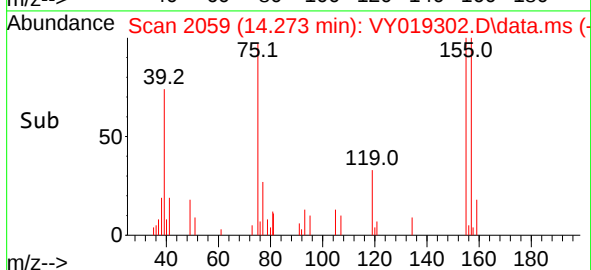
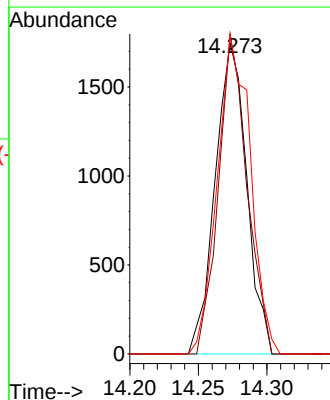
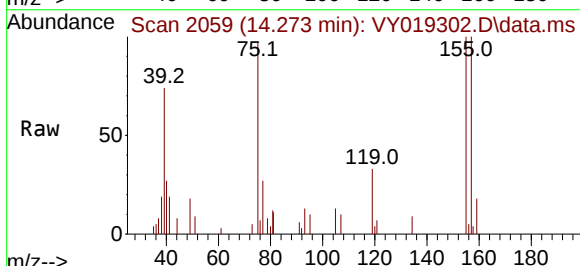
Tgt Ion: 75 Resp: 2797

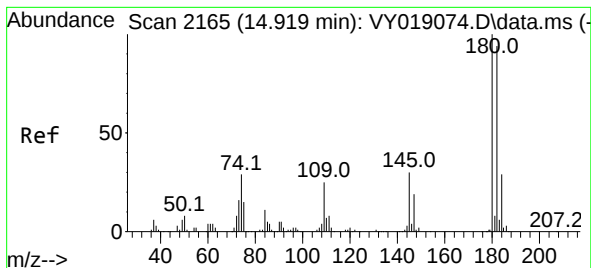
Ion Ratio Lower Upper

75 100

155 93.0 48.6 145.8

157 107.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 17.970 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

ClientSampleId :

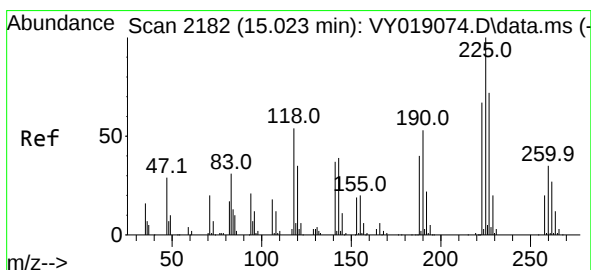
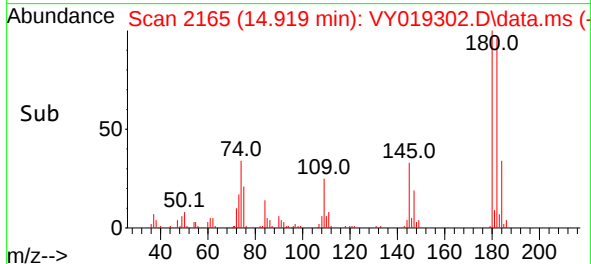
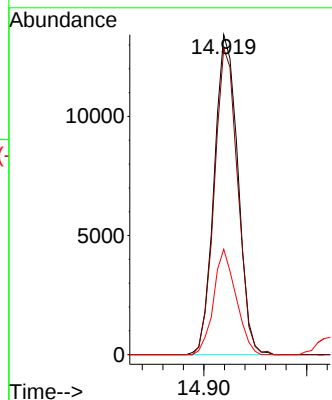
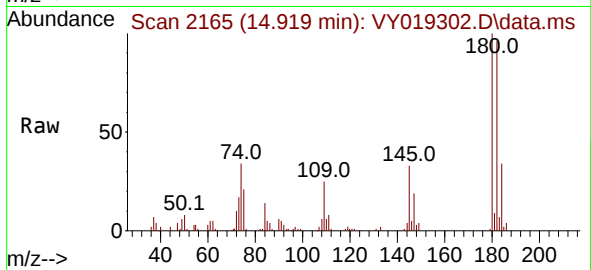
Tgt Ion:180 Resp: 21363

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.8

145 31.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.181 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

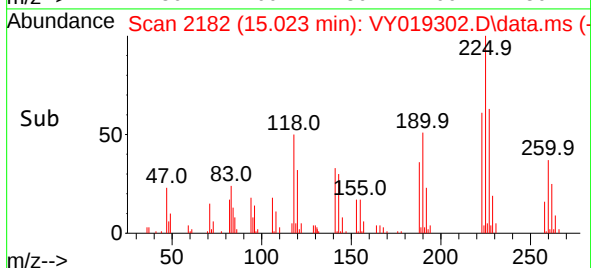
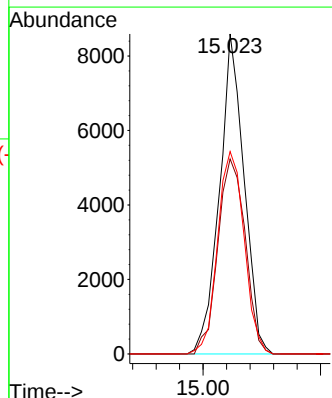
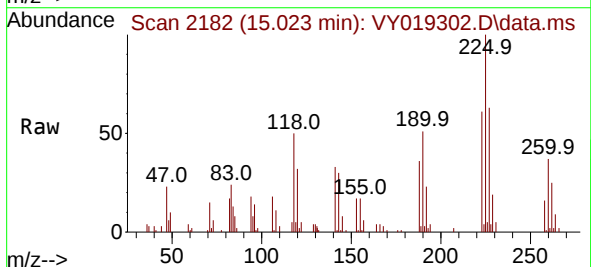
Tgt Ion:225 Resp: 12496

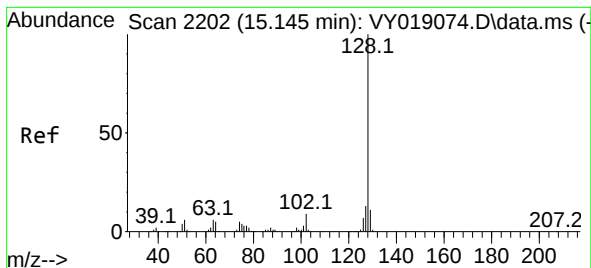
Ion Ratio Lower Upper

225 100

223 67.9 30.4 91.2

227 68.3 31.9 95.9





#95

Naphthalene

Concen: 18.565 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY019302.D

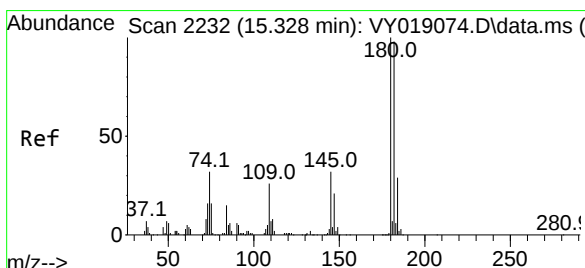
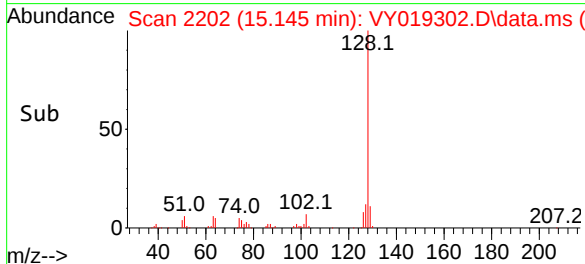
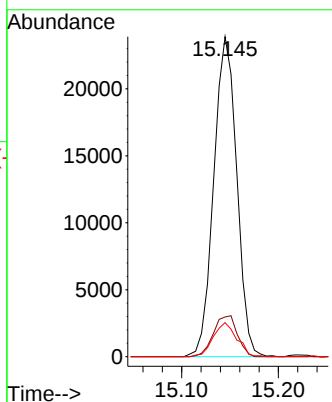
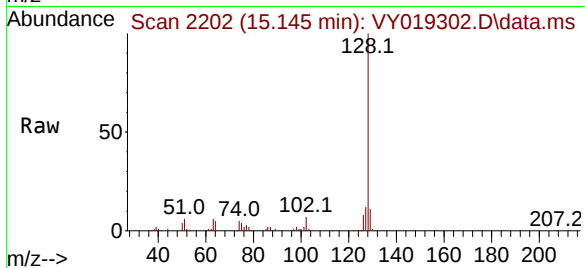
Acq: 27 Aug 2024 23:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	39388
Ion	Ratio	Lower Upper
128	100	
127	13.3	10.6 16.0
129	10.9	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.278 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019302.D

Acq: 27 Aug 2024 23:44

Tgt Ion:180	Resp:	20332
Ion	Ratio	Lower Upper
180	100	
182	94.5	47.6 142.9
145	31.1	15.4 46.1

