

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019325.D
 Acq On : 28 Aug 2024 12:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 01:30:34 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	89608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	136315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	122115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	63096	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	39288	43.738	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.480%
35) Dibromofluoromethane	7.622	113	44618	50.059	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.120%
50) Toluene-d8	10.103	98	152602	47.576	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.408	95	53888	49.283	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	30387	46.220	ug/l	94
3) Chloromethane	2.062	50	47159	39.796	ug/l	98
4) Vinyl Chloride	2.196	62	59638	40.743	ug/l	100
5) Bromomethane	2.586	94	47801	53.951	ug/l	98
6) Chloroethane	2.726	64	42948	45.756	ug/l	99
7) Trichlorofluoromethane	3.043	101	92045	41.592	ug/l	98
8) Diethyl Ether	3.440	74	22258	46.596	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.805	101	45830	46.583	ug/l	97
10) Methyl Iodide	3.994	142	49620	51.455	ug/l	98
11) Tert butyl alcohol	4.842	59	14748	181.290	ug/l #	79
12) 1,1-Dichloroethene	3.781	96	41538	46.471	ug/l	100
13) Acrolein	3.635	56	9616	133.343	ug/l	97
14) Allyl chloride	4.366	41	54229	45.632	ug/l	93
15) Acrylonitrile	5.037	53	49147	251.452	ug/l	98
16) Acetone	3.854	43	48506	291.182	ug/l	91
17) Carbon Disulfide	4.092	76	109271	43.342	ug/l	98
18) Methyl Acetate	4.379	43	24445	47.813	ug/l	97
19) Methyl tert-butyl Ether	5.104	73	105955	48.894	ug/l	97
20) Methylene Chloride	4.598	84	48346	45.891	ug/l	98
21) trans-1,2-Dichloroethene	5.098	96	46873	46.938	ug/l	92
22) Diisopropyl ether	6.006	45	126297	46.423	ug/l	94
23) Vinyl Acetate	5.945	43	515794	239.471	ug/l	98
24) 1,1-Dichloroethane	5.903	63	80738	48.528	ug/l	97
25) 2-Butanone	6.878	43	68829	256.559	ug/l	98
26) 2,2-Dichloropropane	6.872	77	69272	51.416	ug/l	99
27) cis-1,2-Dichloroethene	6.872	96	58073	49.415	ug/l	97
28) Bromochloromethane	7.232	49	33838	48.485	ug/l	99
29) Tetrahydrofuran	7.250	42	40029	232.112	ug/l	94
30) Chloroform	7.409	83	89915	48.501	ug/l	96
31) Cyclohexane	7.689	56	60470	46.788	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	80582	49.460	ug/l	99
36) 1,1-Dichloropropene	7.829	75	60414	49.361	ug/l	99
37) Ethyl Acetate	6.970	43	28448	52.462	ug/l	98
38) Carbon Tetrachloride	7.811	117	73526	51.837	ug/l	98
39) Methylcyclohexane	9.103	83	77533	49.364	ug/l	94
40) Benzene	8.073	78	189357	50.445	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	22386	75.636	ug/l #	28
42) 1,2-Dichloroethane	8.152	62	48903	48.244	ug/l	100
43) Isopropyl Acetate	8.189	43	52823	48.167	ug/l #	85
44) Trichloroethene	8.859	130	54857	52.375	ug/l	99
45) 1,2-Dichloropropane	9.134	63	44211	52.863	ug/l	90
46) Dibromomethane	9.225	93	28810	53.112	ug/l	99
47) Bromodichloromethane	9.420	83	68886	51.762	ug/l	99
48) Methyl methacrylate	9.213	41	24927	51.002	ug/l	91
49) 1,4-Dioxane	9.225	88	6760	1028.766	ug/l #	97
51) 4-Methyl-2-Pentanone	9.993	43	152636	262.233	ug/l	94
52) Toluene	10.170	92	126851	51.481	ug/l	95
53) t-1,3-Dichloropropene	10.390	75	59383	53.790	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	69008	51.977	ug/l #	91
55) 1,1,2-Trichloroethane	10.573	97	36826	52.736	ug/l	94
56) Ethyl methacrylate	10.438	69	48890	53.489	ug/l #	91
57) 1,3-Dichloropropane	10.719	76	59377	52.160	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	122776	283.148	ug/l	96
59) 2-Hexanone	10.762	43	110024	275.137	ug/l	93
60) Dibromochloromethane	10.914	129	50890	53.506	ug/l	98
61) 1,2-Dibromoethane	11.012	107	36777	54.489	ug/l	96
64) Tetrachloroethene	10.646	164	58338	54.655	ug/l	95
65) Chlorobenzene	11.444	112	143729	51.115	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	51566	52.148	ug/l	96
67) Ethyl Benzene	11.518	91	244595	50.118	ug/l	98
68) m/p-Xylenes	11.627	106	197182	101.824	ug/l	98
69) o-Xylene	11.956	106	93094	51.912	ug/l	97
70) Styrene	11.969	104	155914	50.984	ug/l	99
71) Bromoform	12.133	173	29697	52.537	ug/l #	97
73) Isopropylbenzene	12.255	105	240273	49.684	ug/l	99
74) N-amyl acetate	12.072	43	51884	49.201	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	41757	48.501	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	52596	84.527	ug/l #	100
77) Bromobenzene	12.536	156	58754	50.589	ug/l	95
78) n-propylbenzene	12.597	91	290242	50.205	ug/l	98
79) 2-Chlorotoluene	12.682	91	160863	49.632	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	196811	49.956	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12824	50.898	ug/l	92
82) 4-Chlorotoluene	12.779	91	167786	49.758	ug/l	97
83) tert-Butylbenzene	12.999	119	182178	50.074	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	197020	50.177	ug/l	99
85) sec-Butylbenzene	13.176	105	269182	50.772	ug/l	98
86) p-Isopropyltoluene	13.292	119	227496	52.239	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	118195	51.604	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	116387	51.119	ug/l	99
89) n-Butylbenzene	13.621	91	206598	52.034	ug/l	98
90) Hexachloroethane	13.883	117	44086	51.360	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	104625	51.937	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6043	47.712	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	62318	54.856	ug/l	100
94) Hexachlorobutadiene	15.023	225	35065	59.259	ug/l	99
95) Naphthalene	15.145	128	113981	56.218	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	55611	58.040	ug/l	98

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

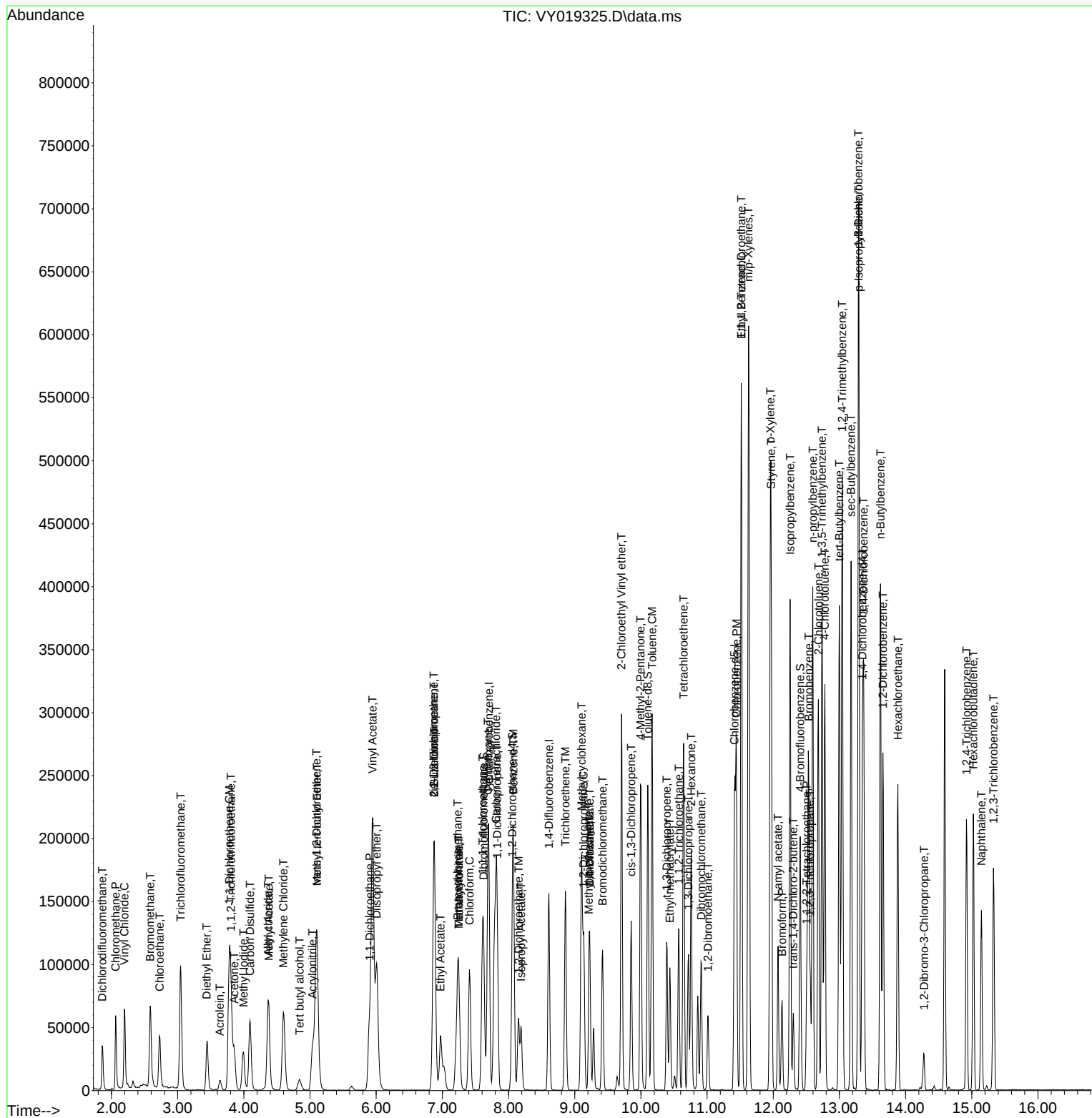
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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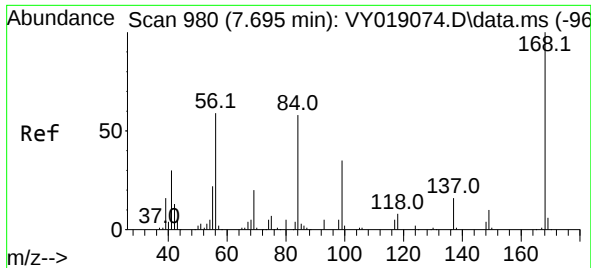
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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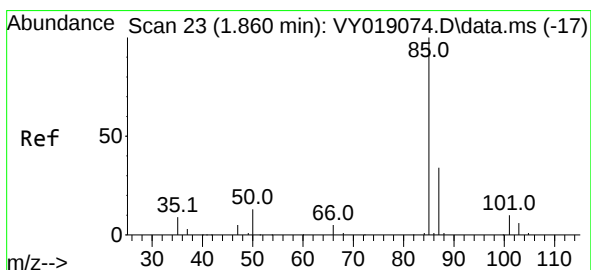
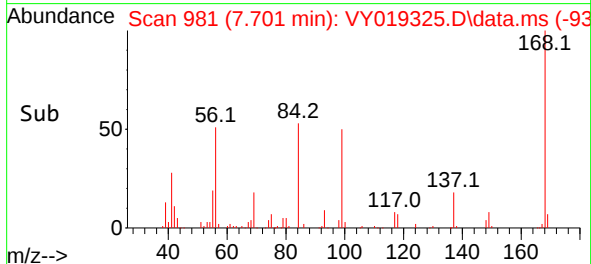
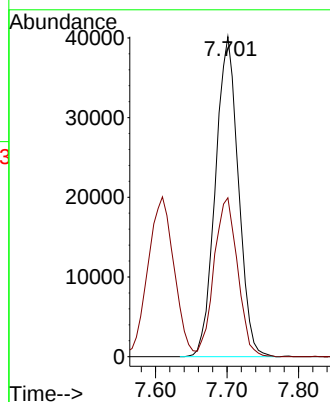
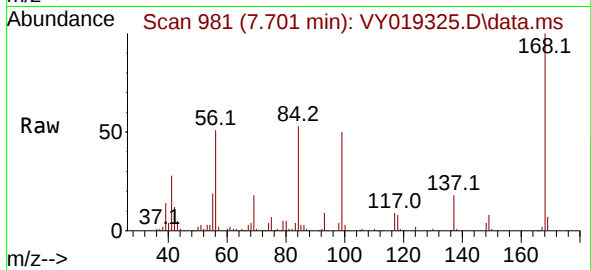




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
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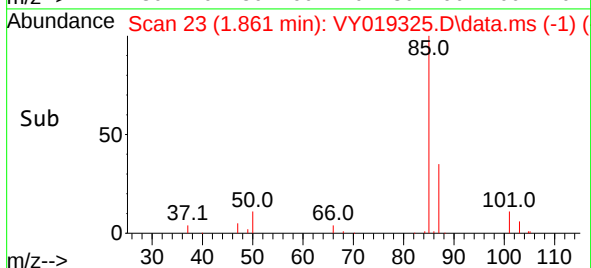
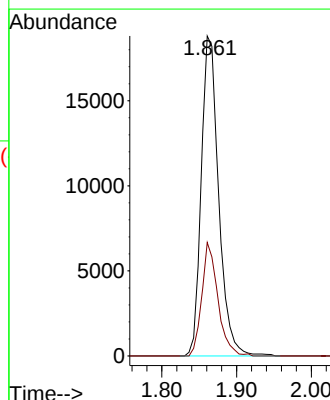
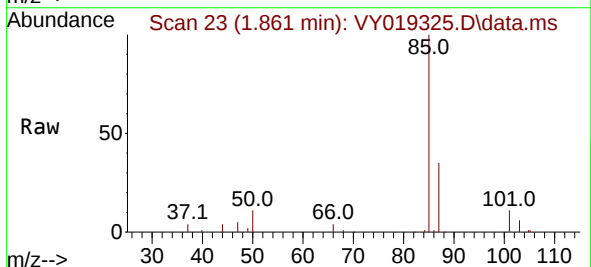
Instrument :
MSVOA_Y
ClientSampleId :

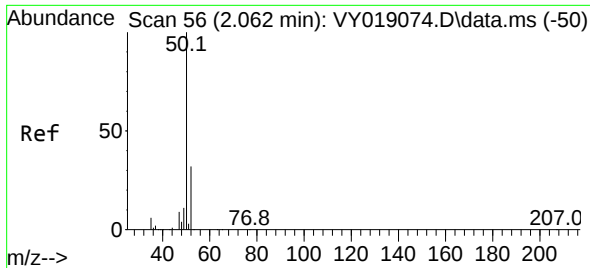
Tgt Ion:168 Resp: 89608
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 46.220 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Tgt Ion: 85 Resp: 30387
Ion Ratio Lower Upper
85 100
87 35.4 16.0 48.0

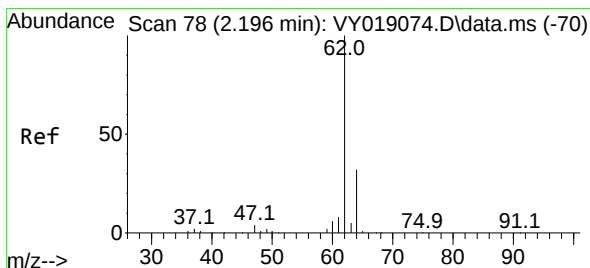
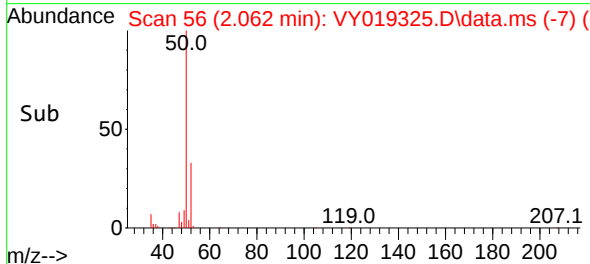
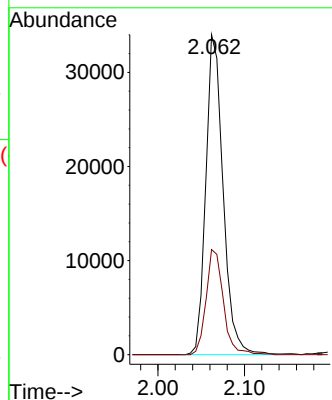
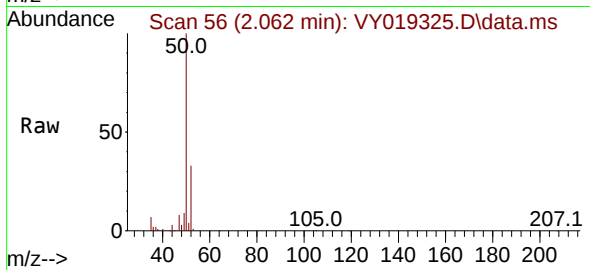




#3
Chloromethane
Concen: 39.796 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

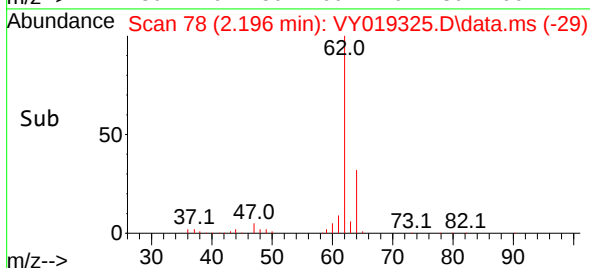
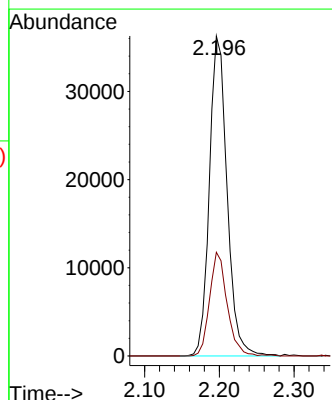
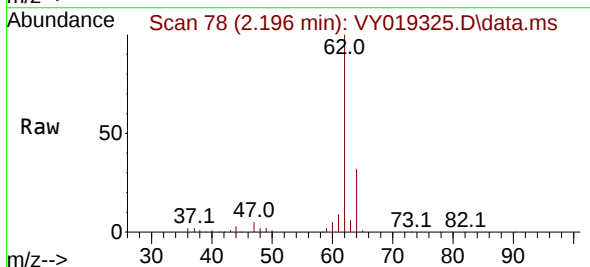
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 47159
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 40.743 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Tgt Ion: 62 Resp: 59638
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1

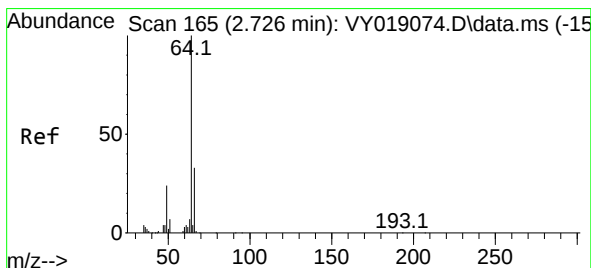
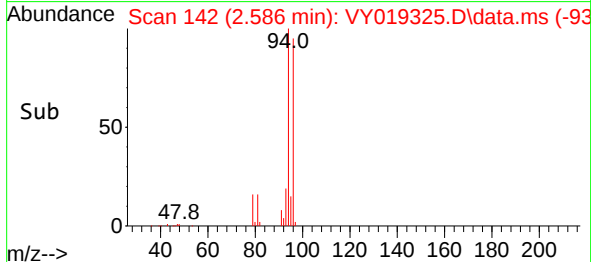
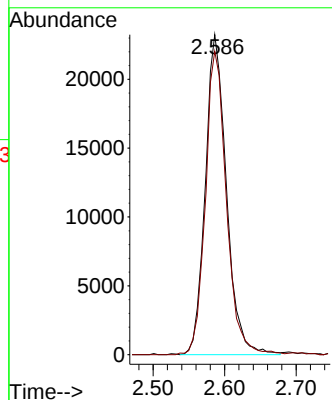
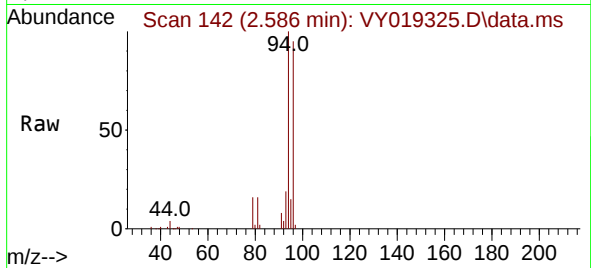




#5
Bromomethane
Concen: 53.951 ug/l
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

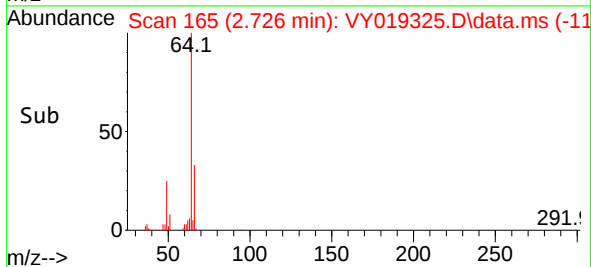
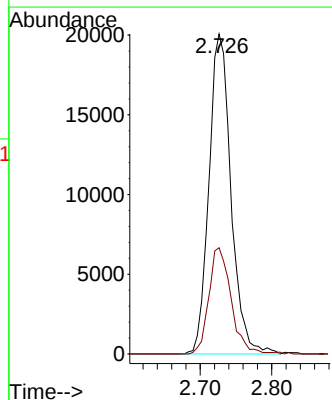
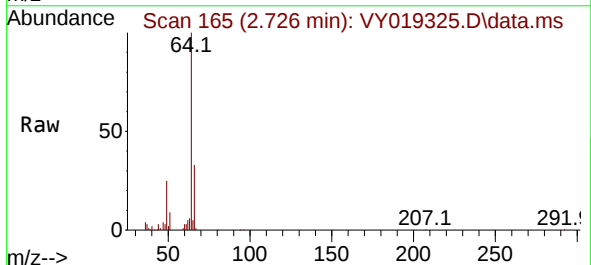
Instrument :
MSVOA_Y
ClientSampleId :

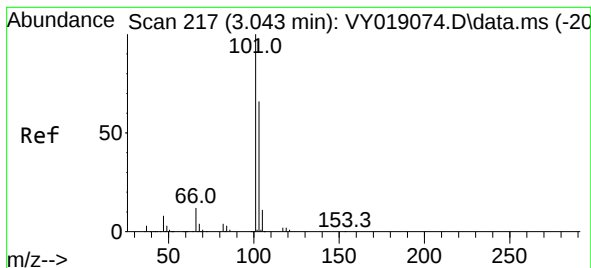
Tgt Ion: 94 Resp: 47801
Ion Ratio Lower Upper
94 100
96 94.3 74.1 111.1



#6
Chloroethane
Concen: 45.756 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Tgt Ion: 64 Resp: 42948
Ion Ratio Lower Upper
64 100
66 33.2 26.1 39.1





#7

Trichlorofluoromethane

Concen: 41.592 ug/l

RT: 3.043 min Scan# 217

Delta R.T. 0.000 min

Lab File: VY019325.D

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Instrument :

MSVOA_Y

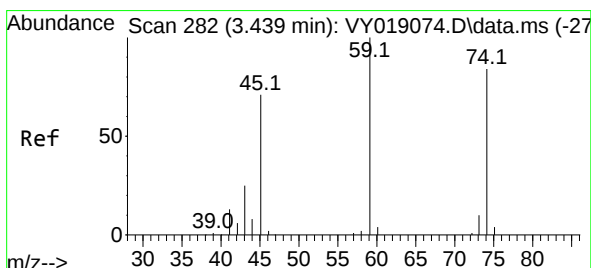
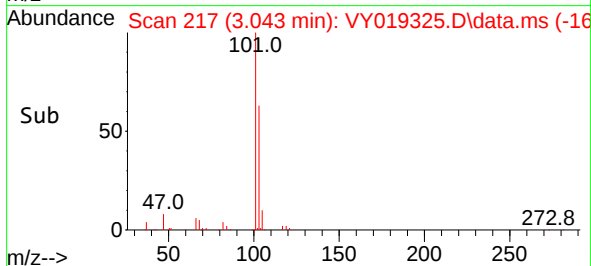
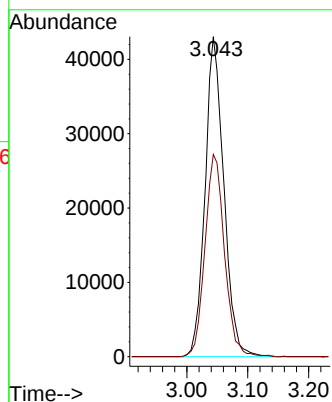
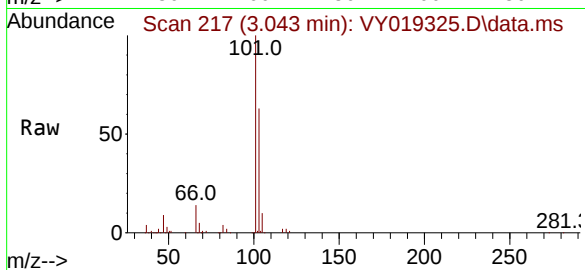
ClientSampleId :

Tgt Ion:101 Resp: 92045

Ion Ratio Lower Upper

101 100

103 63.2 49.3 73.9



#8

Diethyl Ether

Concen: 46.596 ug/l

RT: 3.440 min Scan# 282

Delta R.T. 0.000 min

Lab File: VY019325.D

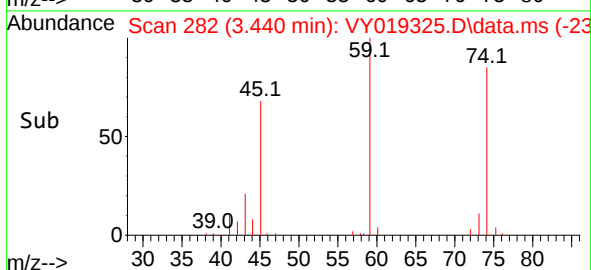
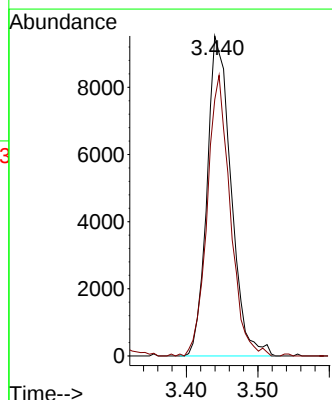
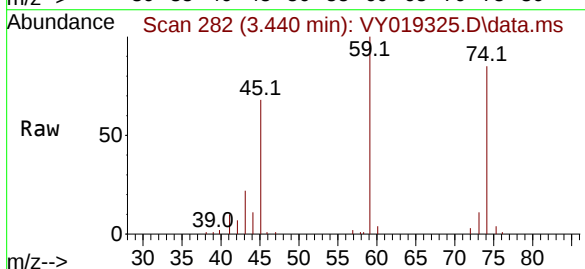
Acq: 28 Aug 2024 12:38

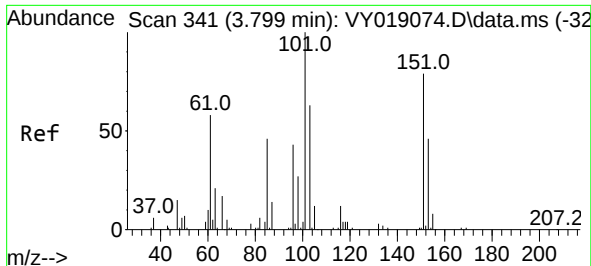
Tgt Ion: 74 Resp: 22258

Ion Ratio Lower Upper

74 100

45 84.0 41.3 124.1

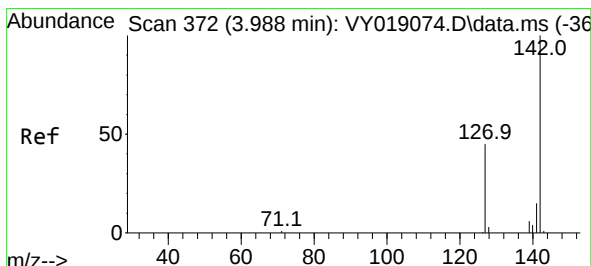
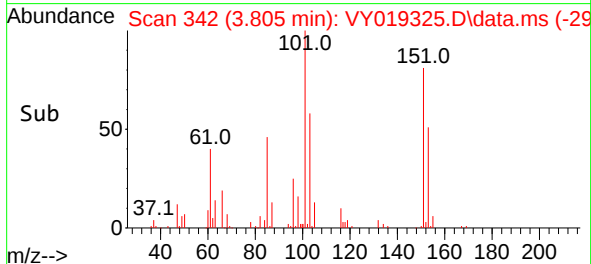
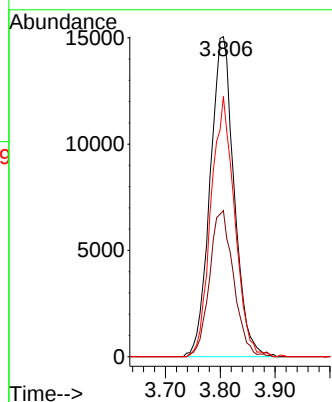
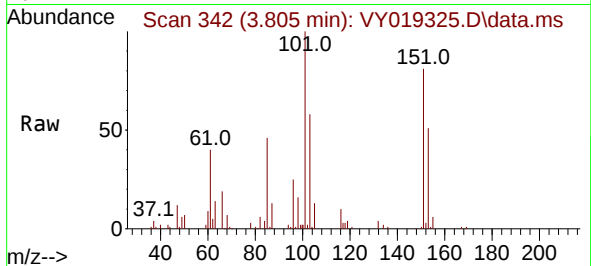




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.583 ug/l
RT: 3.805 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

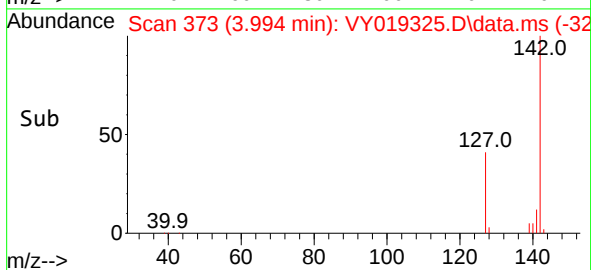
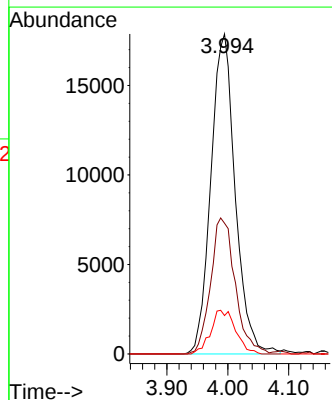
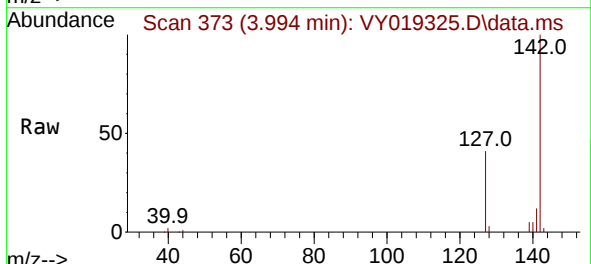
Instrument :
MSVOA_Y
ClientSampleId :

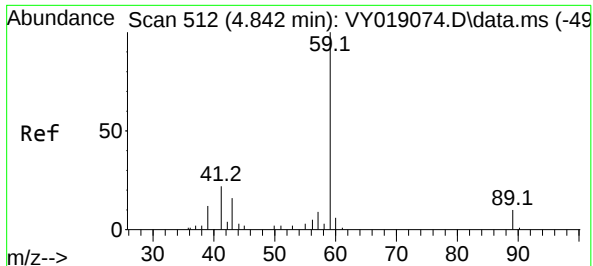
Tgt Ion:101 Resp: 45830
Ion Ratio Lower Upper
101 100
85 45.7 34.5 51.7
151 79.8 61.7 92.5



#10
Methyl Iodide
Concen: 51.455 ug/l
RT: 3.994 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

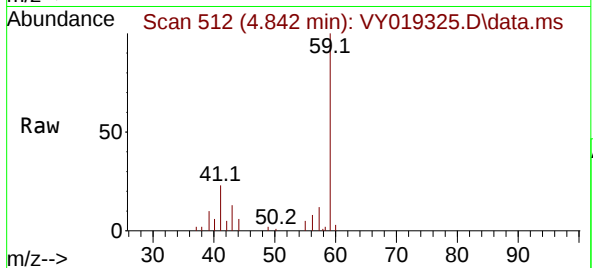
Tgt Ion:142 Resp: 49620
Ion Ratio Lower Upper
142 100
127 42.8 32.8 49.2
141 14.0 11.4 17.2



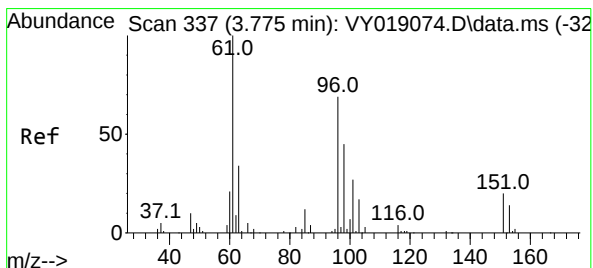
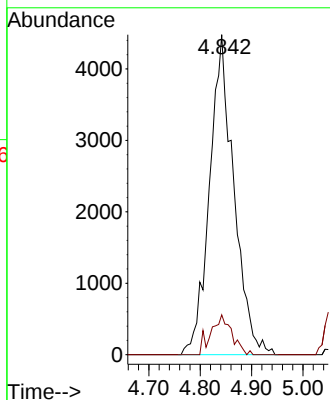
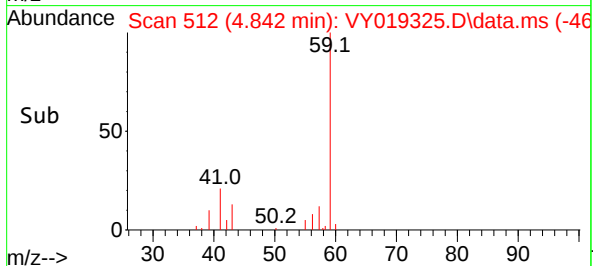


#11
Tert butyl alcohol
Concen: 181.290 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

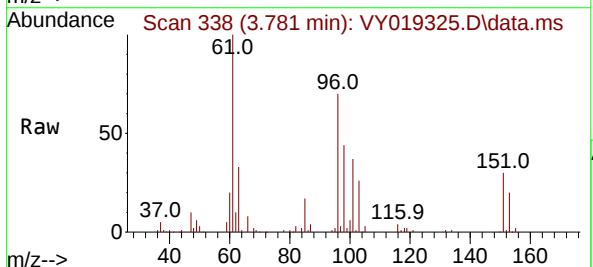
Instrument :
MSVOA_Y
ClientSampleId :



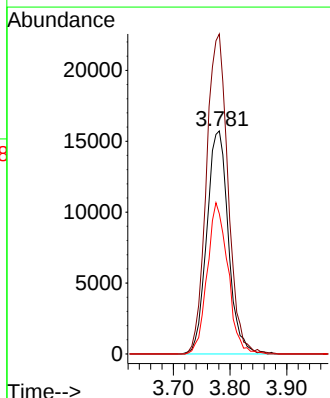
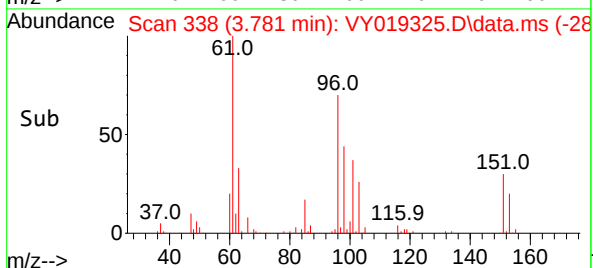
Tgt Ion: 59 Resp: 14748
Ion Ratio Lower Upper
59 100
57 10.6 3.0 4.6#

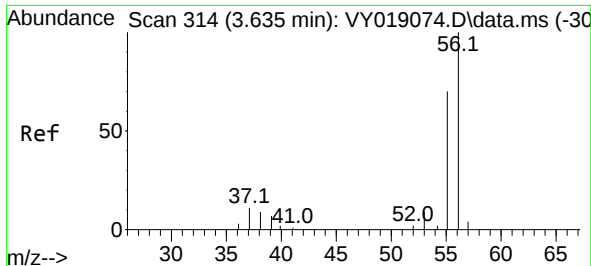


#12
1,1-Dichloroethene
Concen: 46.471 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38



Tgt Ion: 96 Resp: 41538
Ion Ratio Lower Upper
96 100
61 143.5 114.6 171.8
98 62.9 50.8 76.2





#13

Acrolein

Concen: 133.343 ug/l

RT: 3.635 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

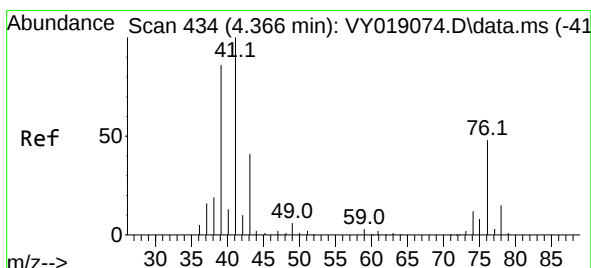
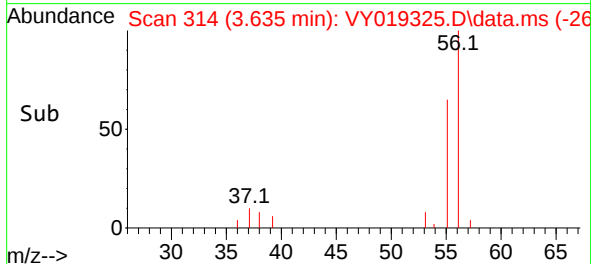
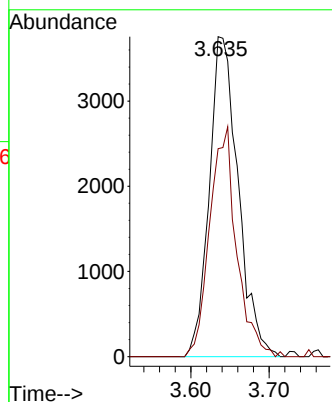
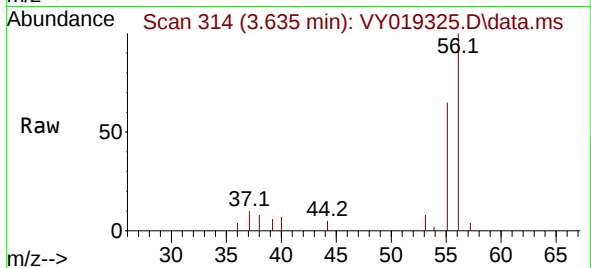
ClientSampleId :

Tgt Ion: 56 Resp: 9616

Ion Ratio Lower Upper

56 100

55 66.7 55.7 83.5



#14

Allyl chloride

Concen: 45.632 ug/l

RT: 4.366 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

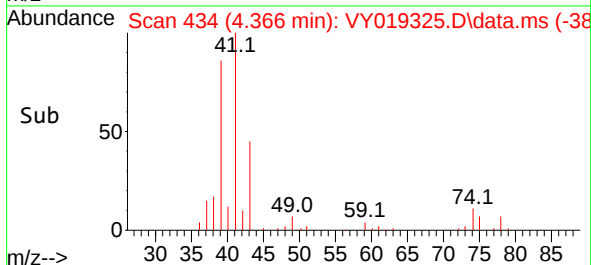
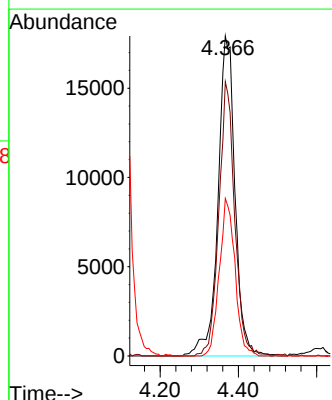
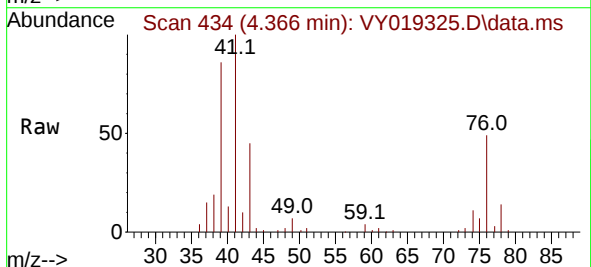
Tgt Ion: 41 Resp: 54229

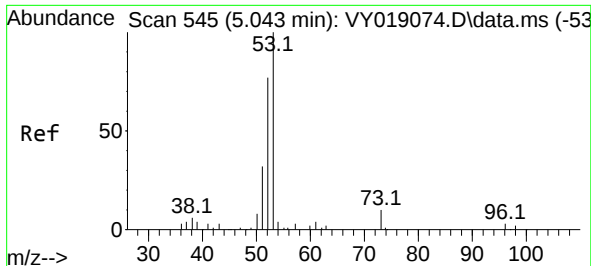
Ion Ratio Lower Upper

41 100

39 80.0 58.3 87.5

76 45.3 39.0 58.6





#15

Acrylonitrile

Concen: 251.452 ug/l

RT: 5.037 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY019325.D

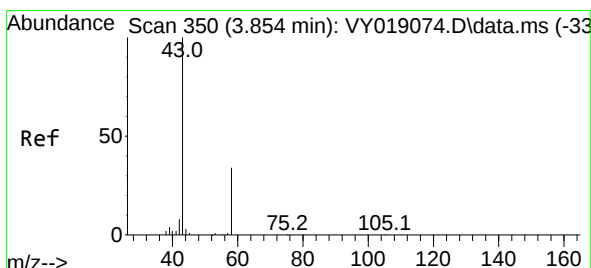
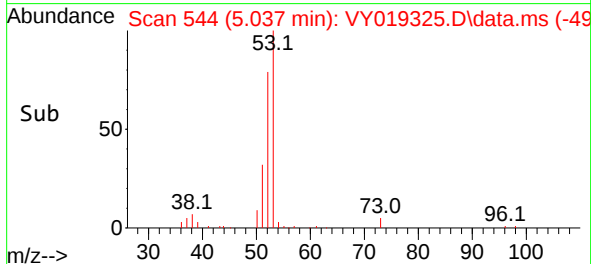
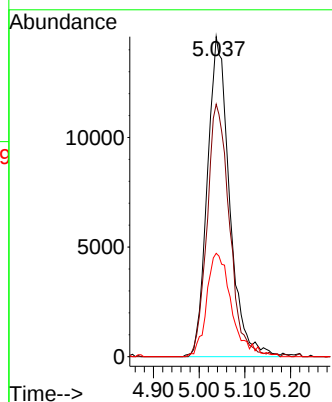
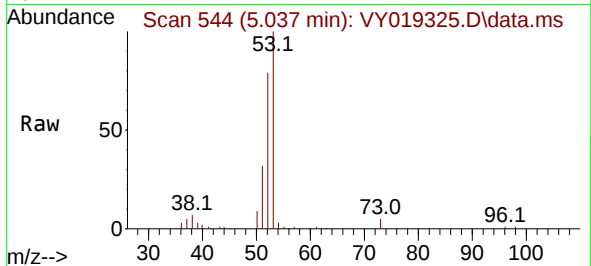
Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 53	Resp: 49147
Ion Ratio	Lower Upper
53	100
52	79.5 64.7 97.1
51	36.5 28.4 42.6



#16

Acetone

Concen: 291.182 ug/l

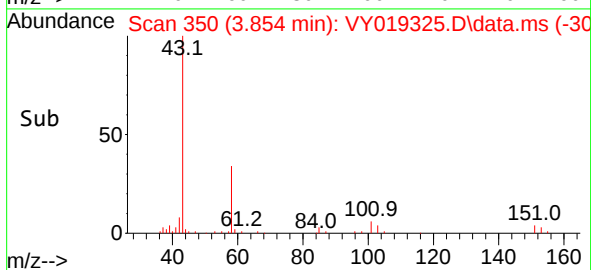
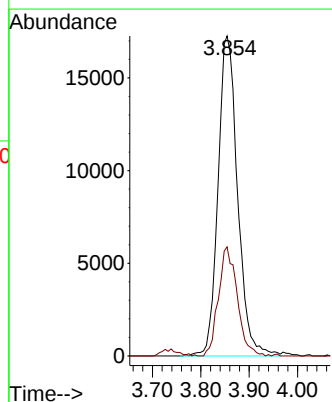
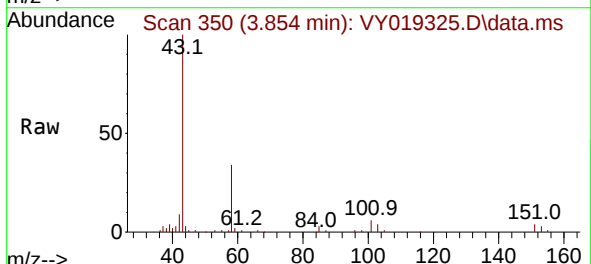
RT: 3.854 min Scan# 350

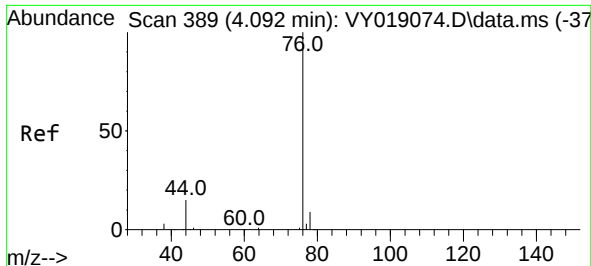
Delta R.T. 0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Tgt Ion: 43	Resp: 48506
Ion Ratio	Lower Upper
43	100
58	34.1 31.7 47.5

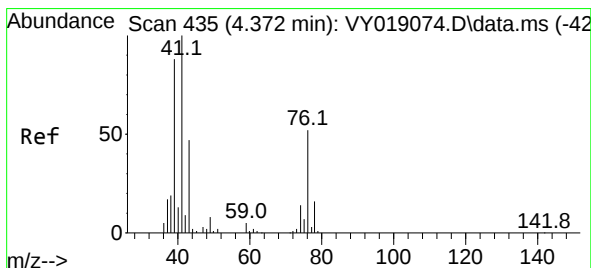
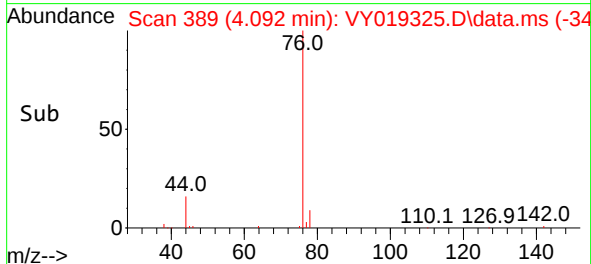
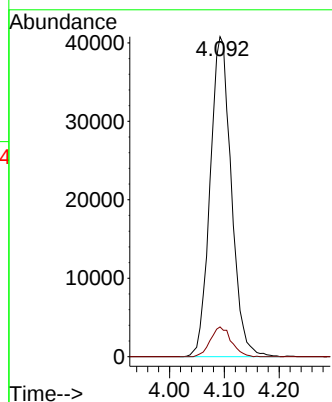
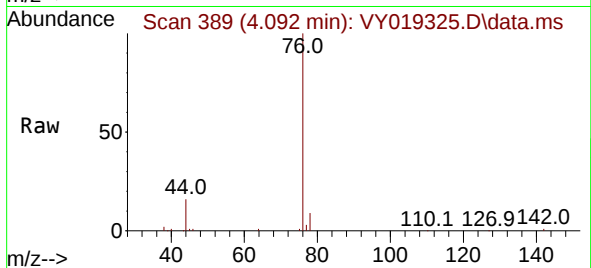




#17
Carbon Disulfide
Concen: 43.342 ug/l
RT: 4.092 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

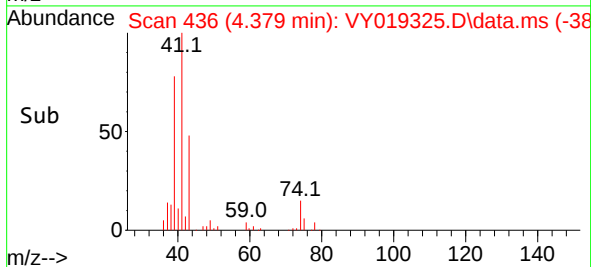
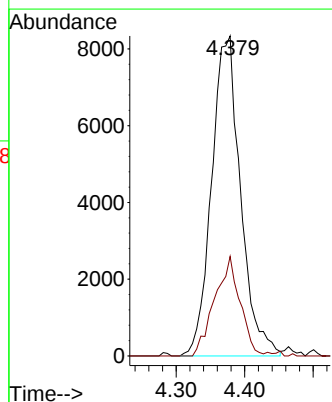
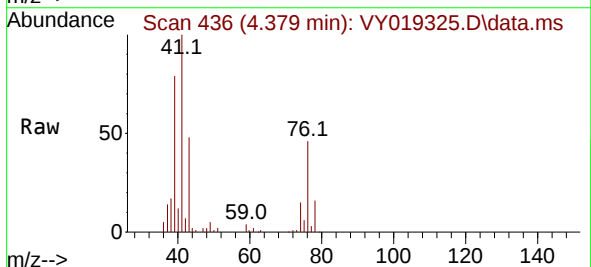
Instrument :
MSVOA_Y
ClientSampleId :

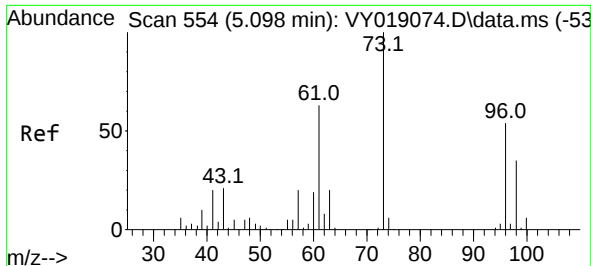
Tgt Ion: 76 Resp: 109271
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 47.813 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Tgt Ion: 43 Resp: 24445
Ion Ratio Lower Upper
43 100
74 27.2 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 48.894 ug/l

RT: 5.104 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

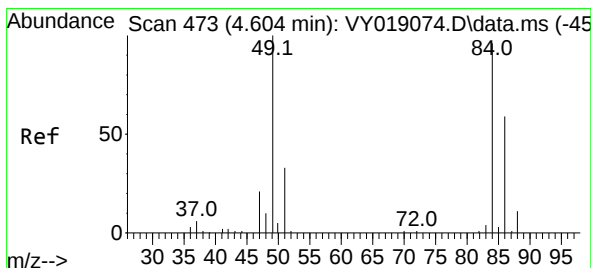
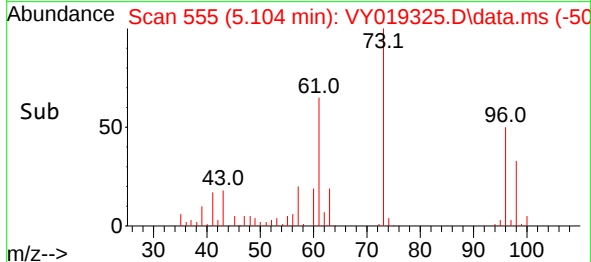
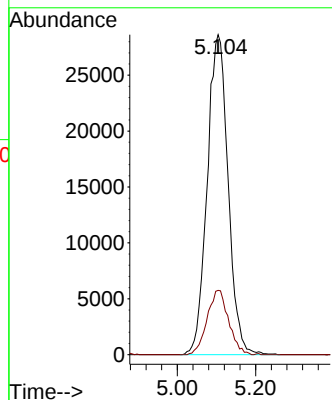
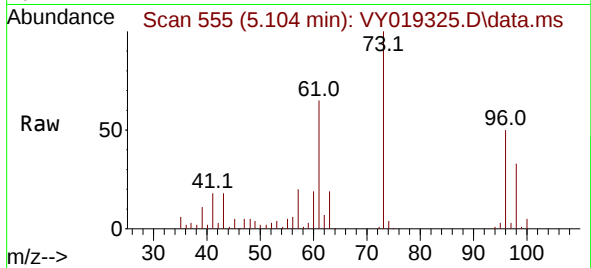
ClientSampleId :

Tgt Ion: 73 Resp: 105955

Ion Ratio Lower Upper

73 100

57 20.1 17.3 25.9



#20

Methylene Chloride

Concen: 45.891 ug/l

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Tgt Ion: 84 Resp: 48346

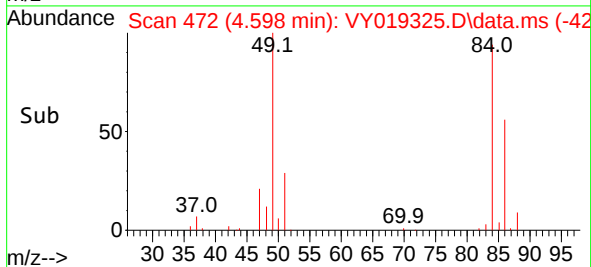
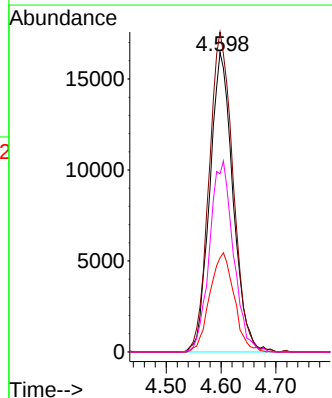
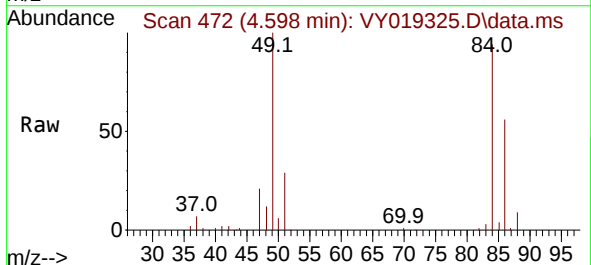
Ion Ratio Lower Upper

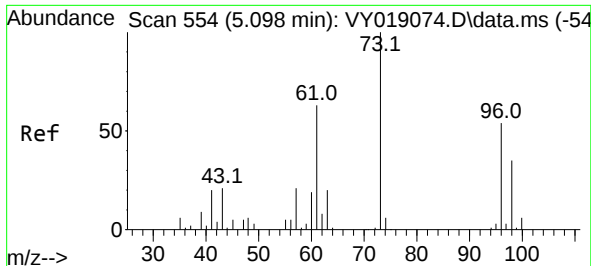
84 100

49 106.9 84.4 126.6

51 31.4 26.0 39.0

86 59.5 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 46.938 ug/l

RT: 5.098 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

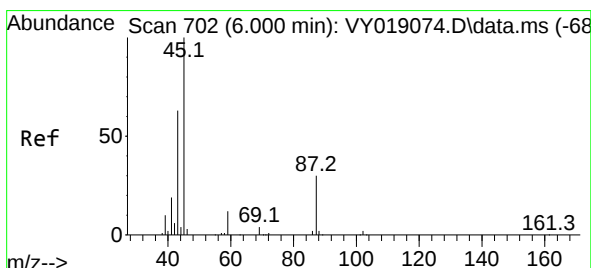
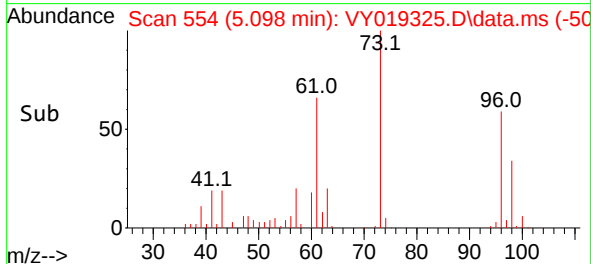
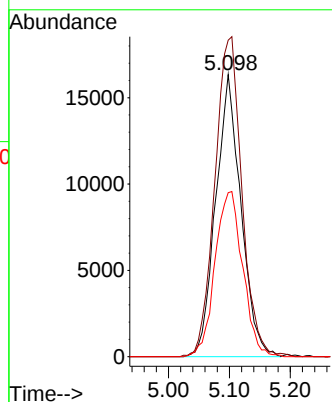
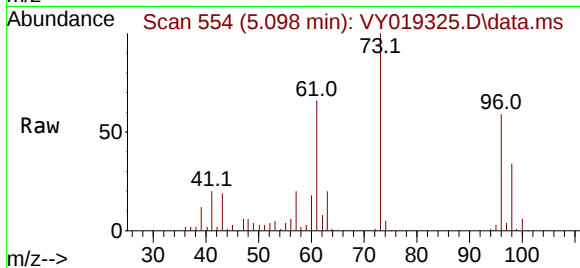
Tgt Ion: 96 Resp: 46873

Ion Ratio Lower Upper

96 100

61 112.2 97.5 146.3

98 58.1 50.5 75.7



#22

Diisopropyl ether

Concen: 46.423 ug/l

RT: 6.006 min Scan# 703

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Tgt Ion: 45 Resp: 126297

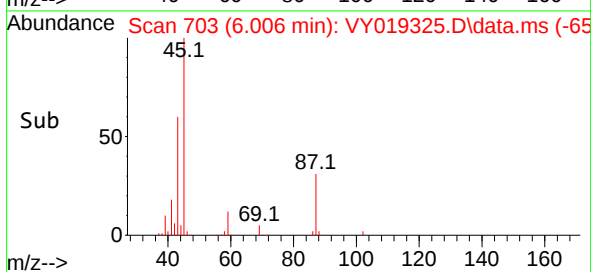
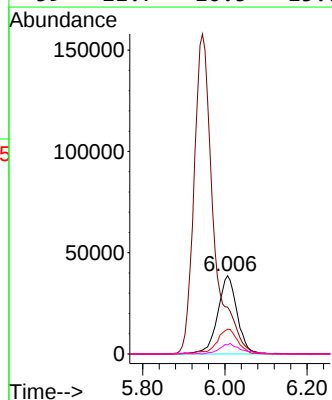
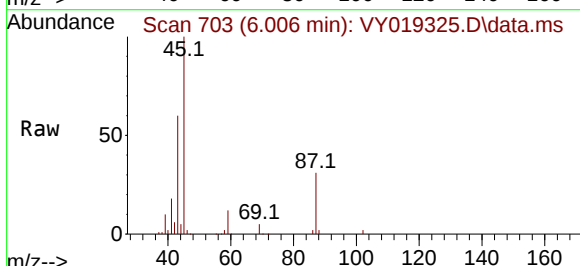
Ion Ratio Lower Upper

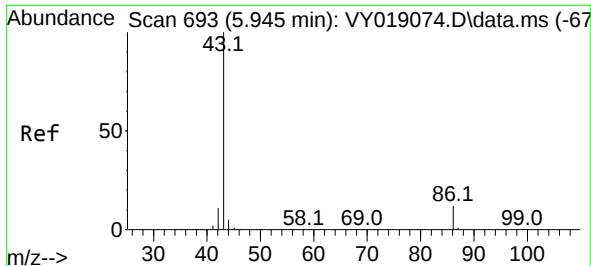
45 100

43 59.4 42.2 63.2

87 31.4 25.0 37.6

59 11.7 10.5 15.7

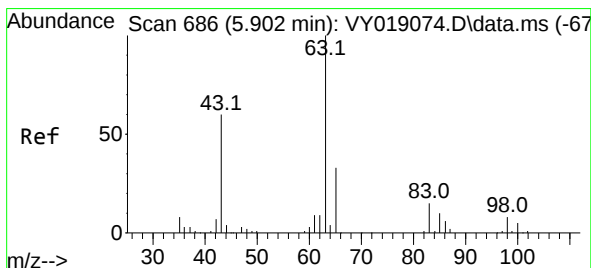
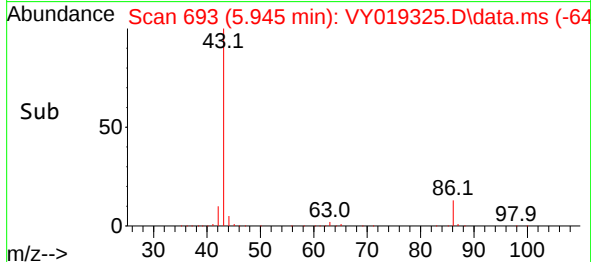
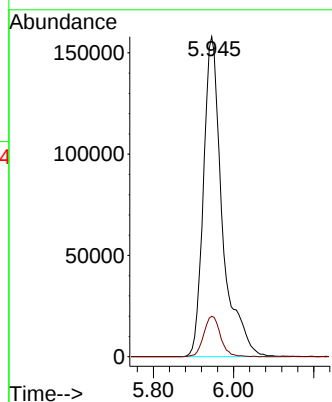
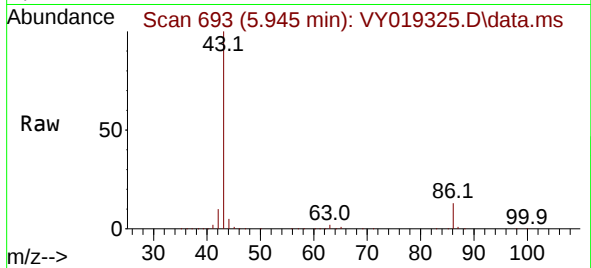




#23
 Vinyl Acetate
 Concen: 239.471 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019325.D
 Acq: 28 Aug 2024 12:38

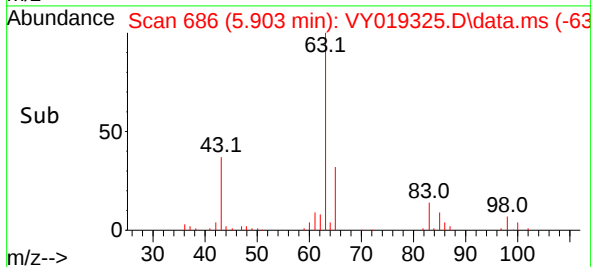
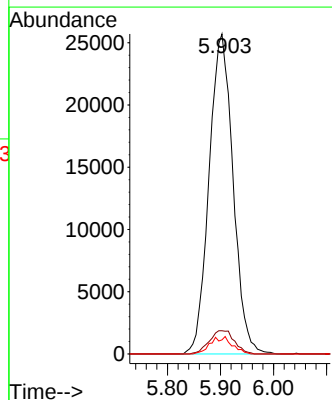
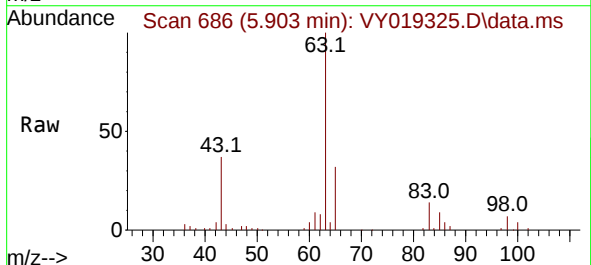
Instrument :
 MSVOA_Y
 ClientSampleId :

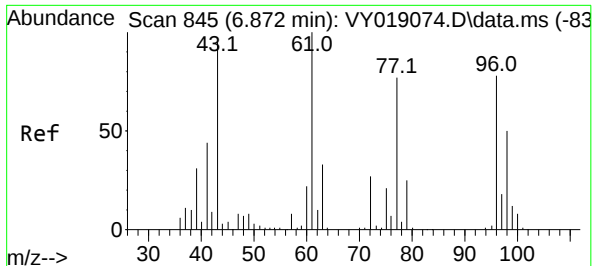
Tgt Ion: 43 Resp: 515794
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 48.528 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019325.D
 Acq: 28 Aug 2024 12:38

Tgt Ion: 63 Resp: 80738
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.0 12.2
 100 4.4 2.6 8.0

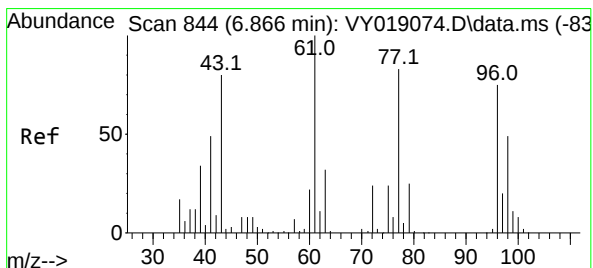
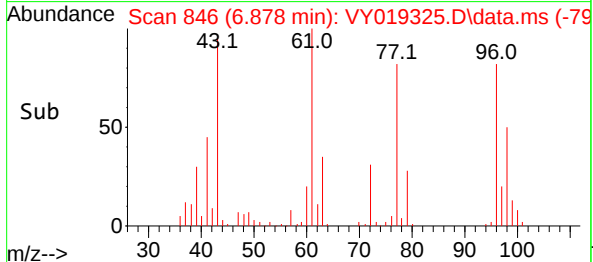
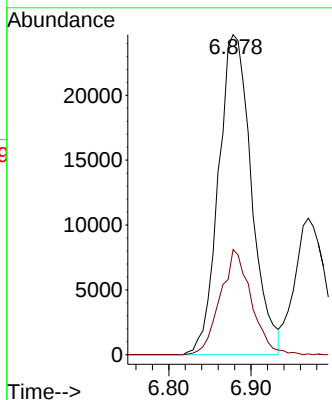
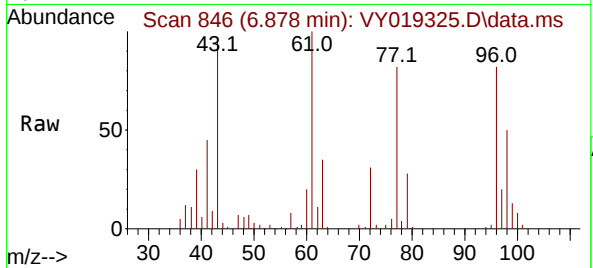




#25
2-Butanone
Concen: 256.559 ug/l
RT: 6.878 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

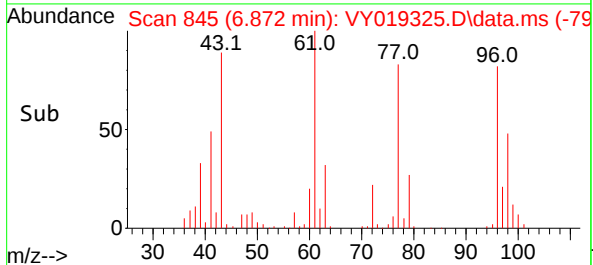
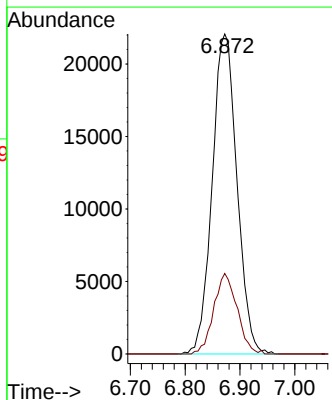
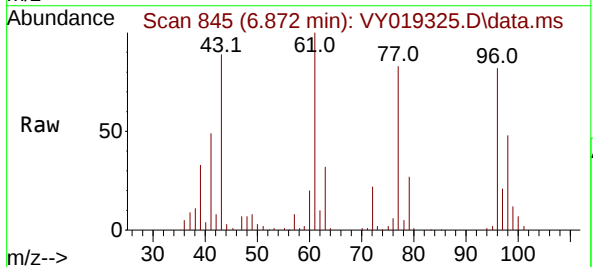
Instrument :
MSVOA_Y
ClientSampleId :

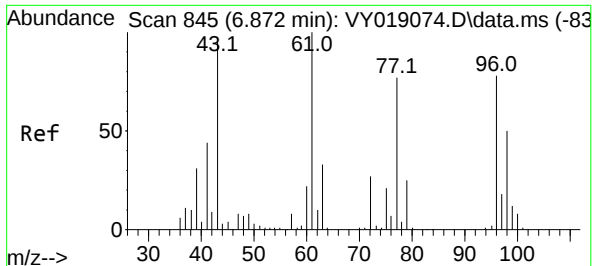
Tgt Ion: 43 Resp: 68829
Ion Ratio Lower Upper
43 100
72 32.8 27.3 40.9



#26
2,2-Dichloropropane
Concen: 51.416 ug/l
RT: 6.872 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Tgt Ion: 77 Resp: 69272
Ion Ratio Lower Upper
77 100
97 23.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 49.415 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

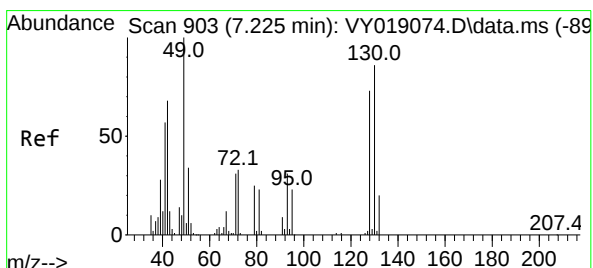
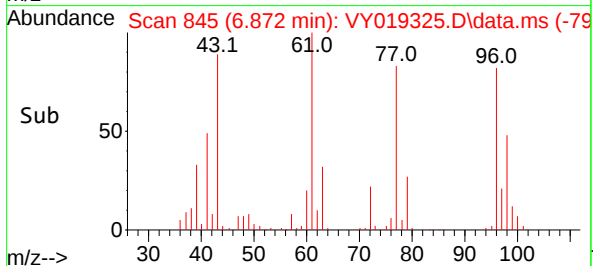
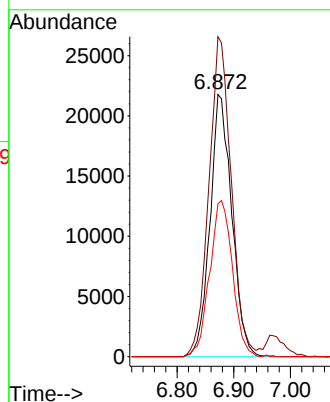
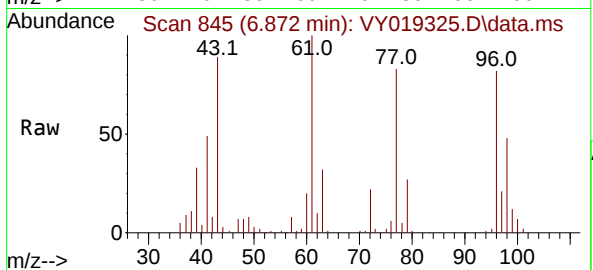
Tgt Ion: 96 Resp: 58073

Ion Ratio Lower Upper

96 100

61 124.9 0.0 256.2

98 62.4 0.0 130.0



#28

Bromochloromethane

Concen: 48.485 ug/l

RT: 7.232 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

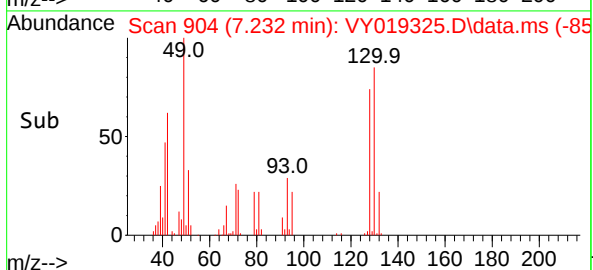
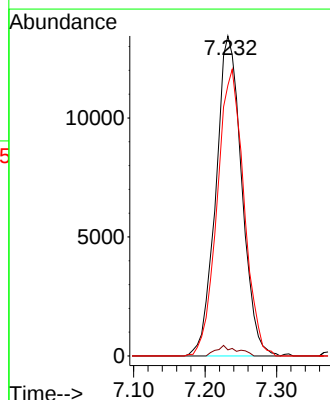
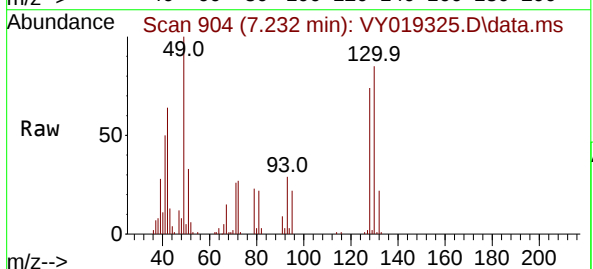
Tgt Ion: 49 Resp: 33838

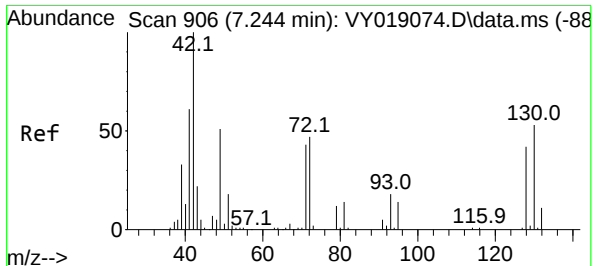
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 92.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 232.112 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

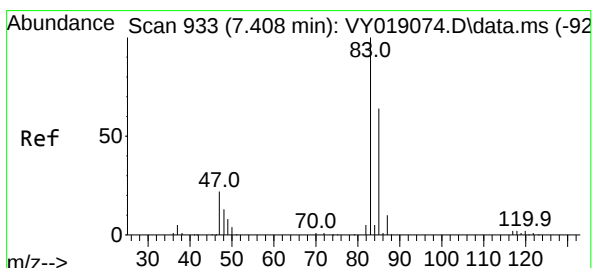
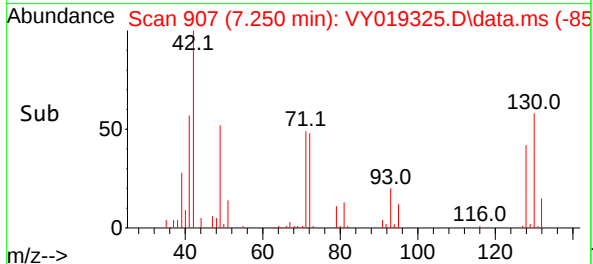
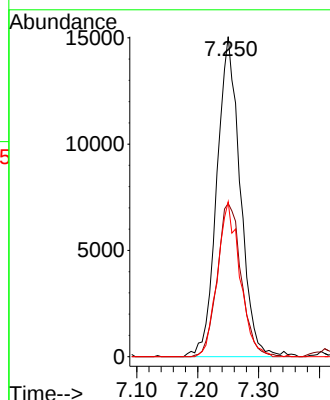
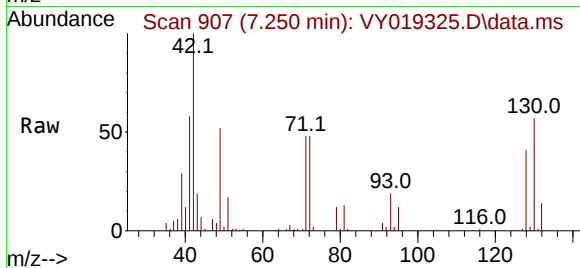
Tgt Ion: 42 Resp: 40029

Ion Ratio Lower Upper

42 100

72 49.4 43.0 64.4

71 46.7 40.8 61.2



#30

Chloroform

Concen: 48.501 ug/l

RT: 7.409 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019325.D

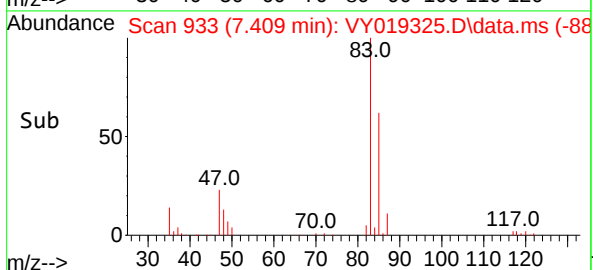
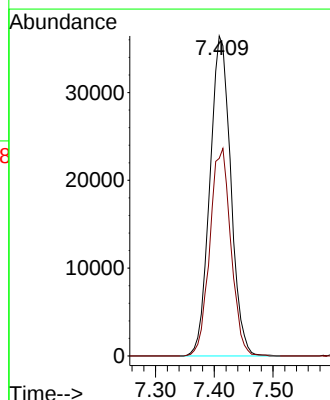
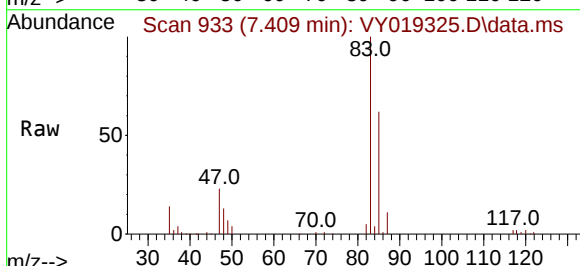
Acq: 28 Aug 2024 12:38

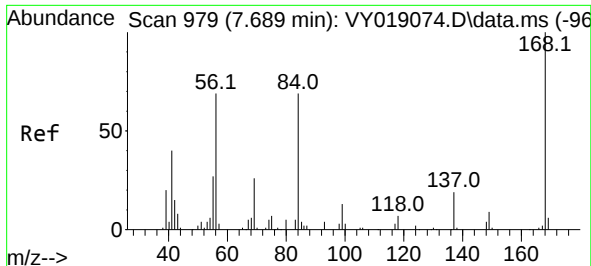
Tgt Ion: 83 Resp: 89915

Ion Ratio Lower Upper

83 100

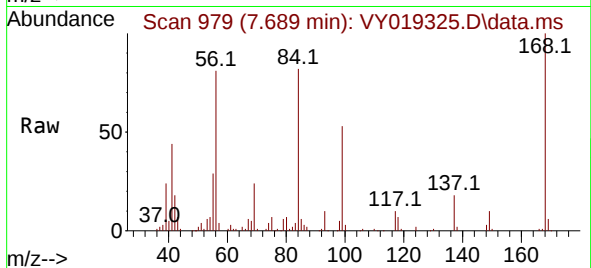
85 61.8 52.2 78.4



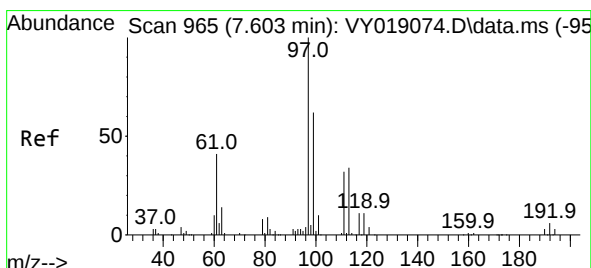
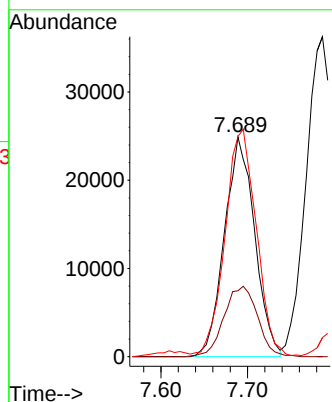
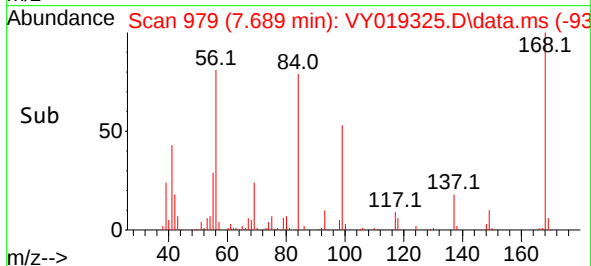


#31
Cyclohexane
Concen: 46.788 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

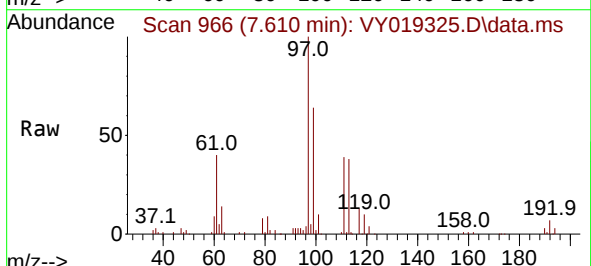
Instrument :
MSVOA_Y
ClientSampleId :



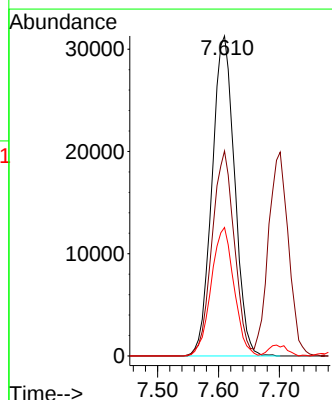
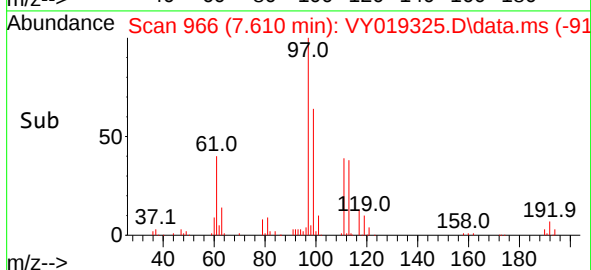
Tgt Ion: 56 Resp: 60470
Ion Ratio Lower Upper
56 100
69 30.0 28.7 43.1
84 97.9 77.7 116.5

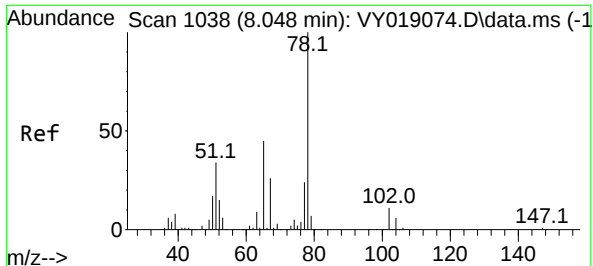


#32
1,1,1-Trichloroethane
Concen: 49.460 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38



Tgt Ion: 97 Resp: 80582
Ion Ratio Lower Upper
97 100
99 63.5 50.3 75.5
61 40.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 43.738 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

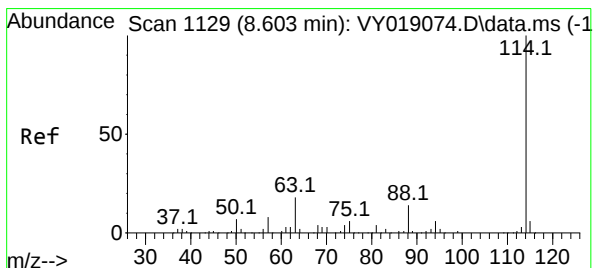
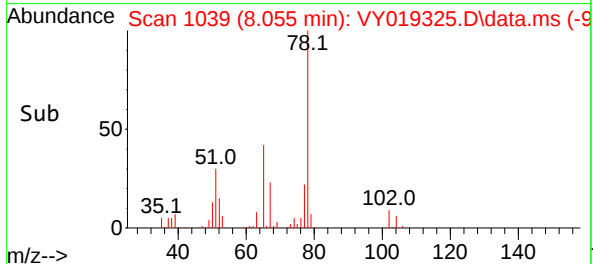
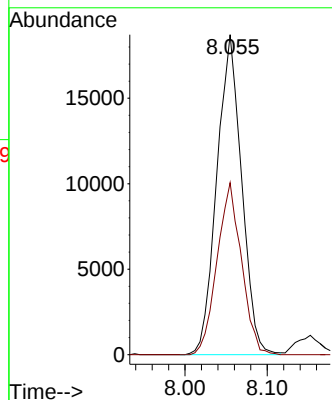
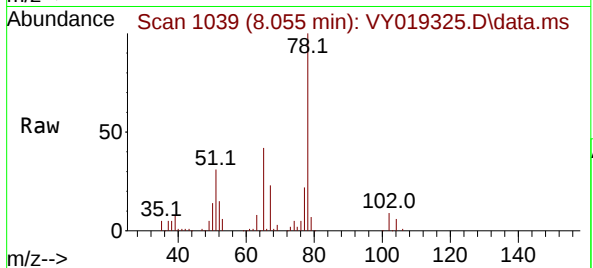
ClientSampleId :

Tgt Ion: 65 Resp: 39288

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

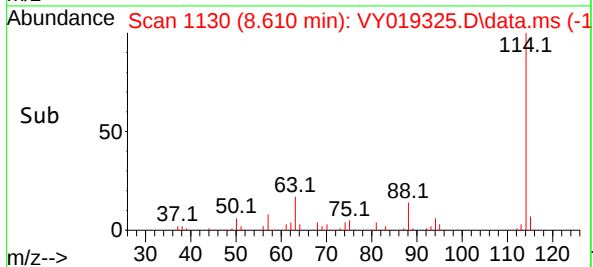
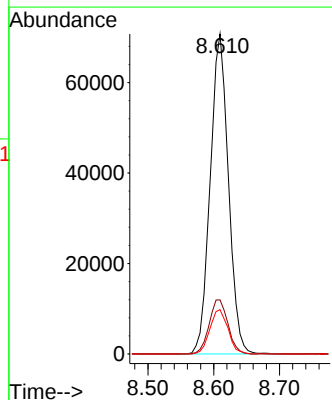
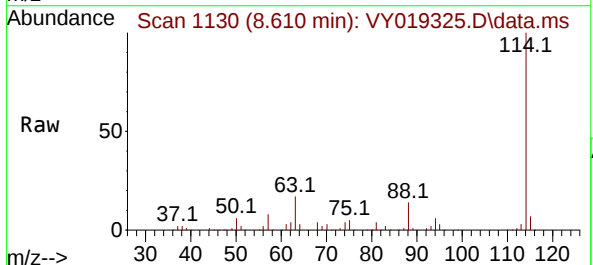
Tgt Ion: 114 Resp: 136315

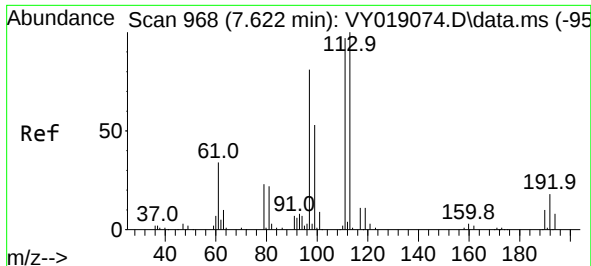
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

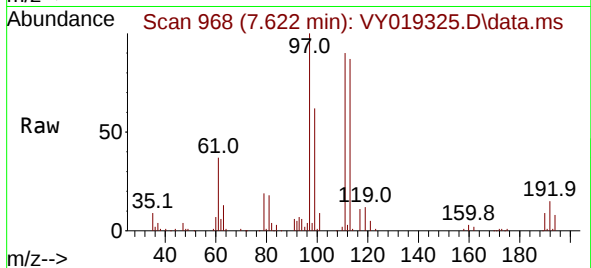
88 13.8 0.0 27.2



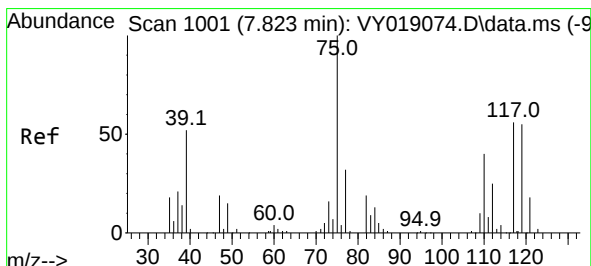
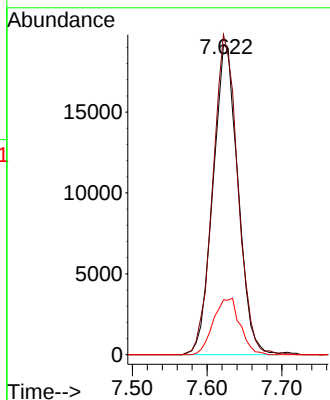
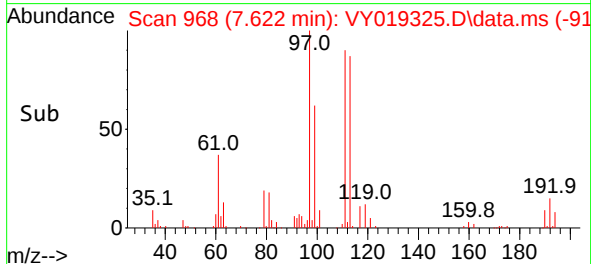


#35
Dibromofluoromethane
Concen: 50.059 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Instrument :
MSVOA_Y
ClientSampleId :

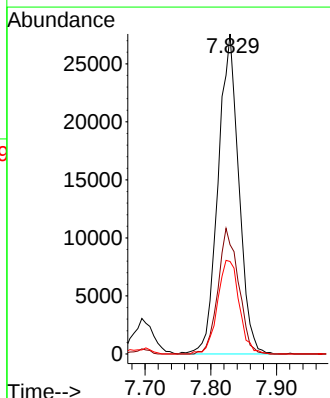
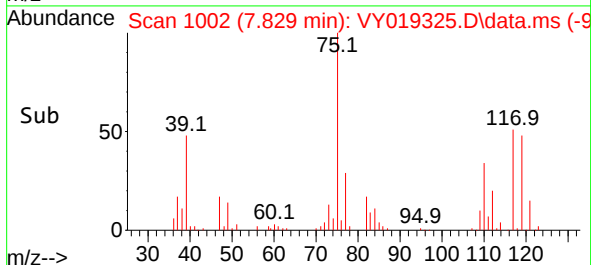
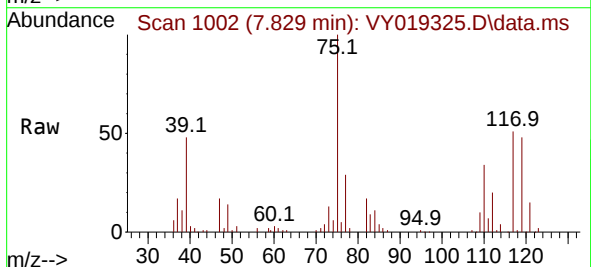


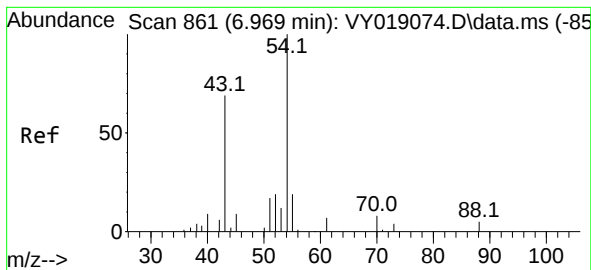
Tgt Ion:113 Resp: 44618
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 19.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.361 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Tgt Ion: 75 Resp: 60414
Ion Ratio Lower Upper
75 100
110 38.8 19.0 57.0
77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 52.462 ug/l

RT: 6.970 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019325.D

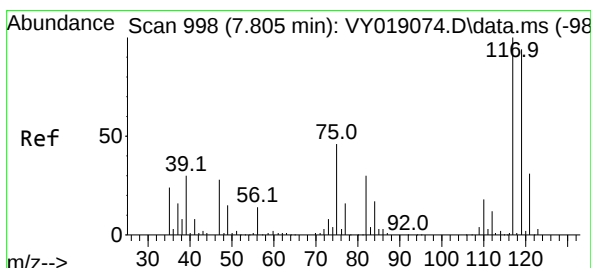
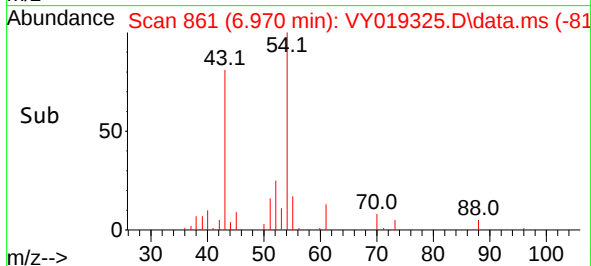
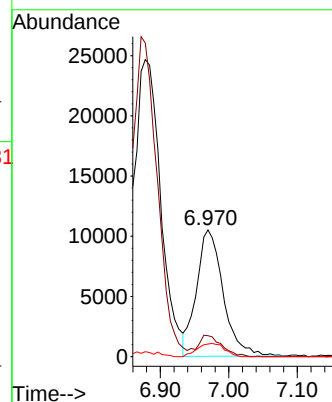
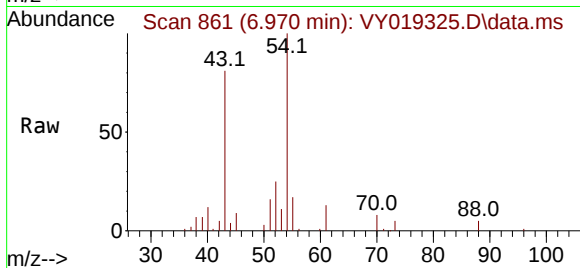
Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	28448
Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.6	19.0
70	10.6	7.8	11.8



#38

Carbon Tetrachloride

Concen: 51.837 ug/l

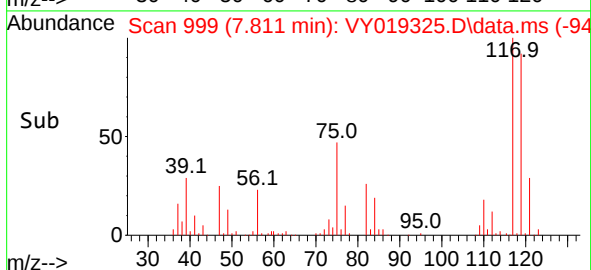
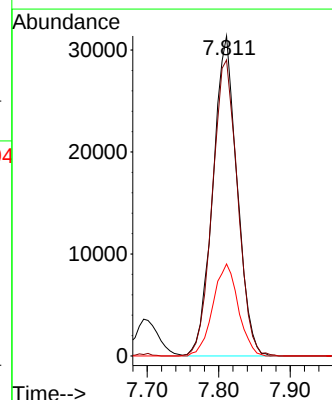
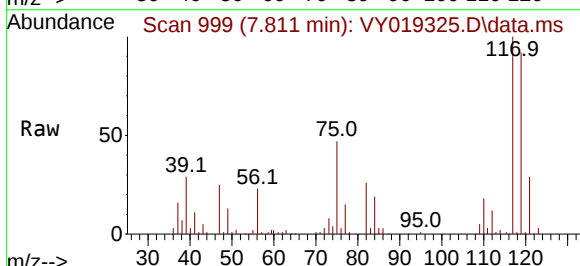
RT: 7.811 min Scan# 999

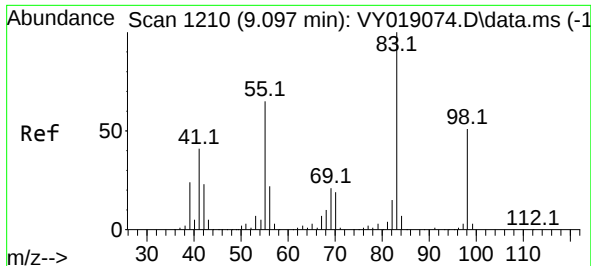
Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Tgt Ion:	117	Resp:	73526
Ion	Ratio	Lower	Upper
117	100		
119	92.5	75.8	113.6
121	28.8	24.0	36.0





#39

Methylcyclohexane

Concen: 49.364 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

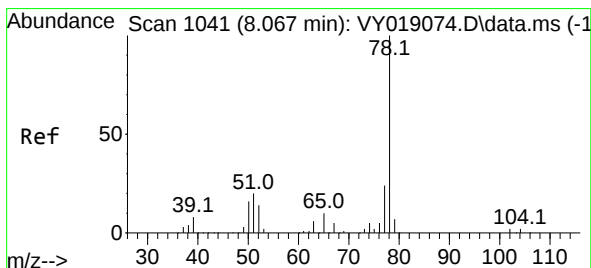
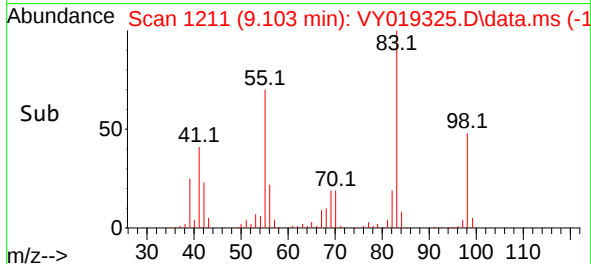
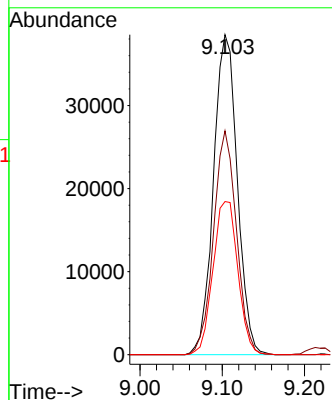
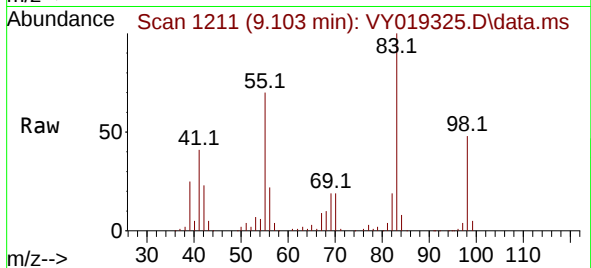
Tgt Ion: 83 Resp: 77533

Ion Ratio Lower Upper

83 100

55 70.0 51.5 77.3

98 47.9 40.5 60.7



#40

Benzene

Concen: 50.445 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019325.D

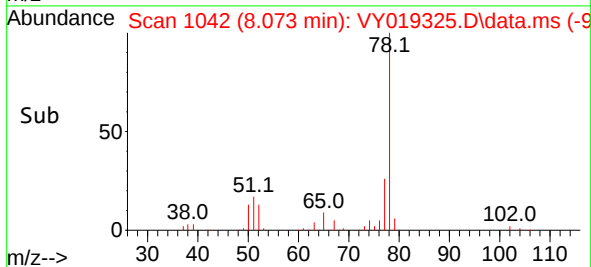
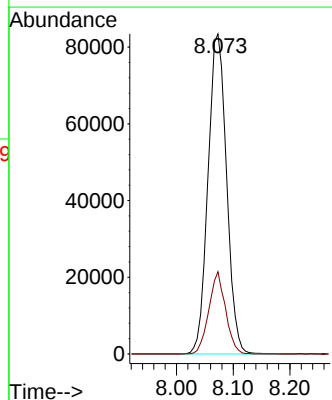
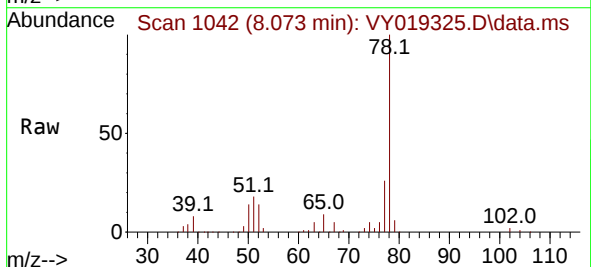
Acq: 28 Aug 2024 12:38

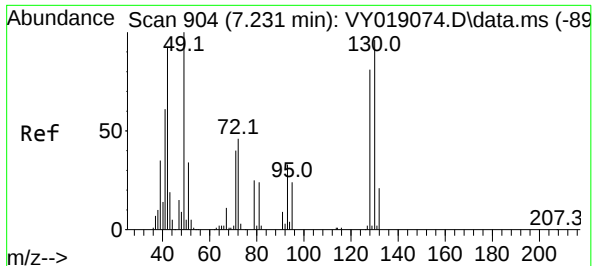
Tgt Ion: 78 Resp: 189357

Ion Ratio Lower Upper

78 100

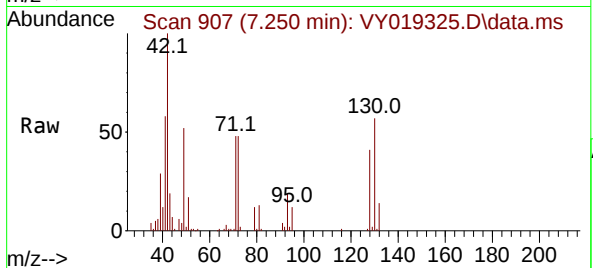
77 25.7 19.5 29.3



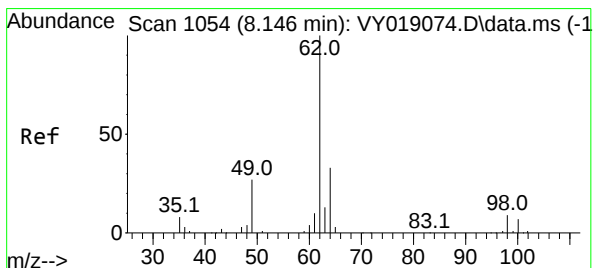
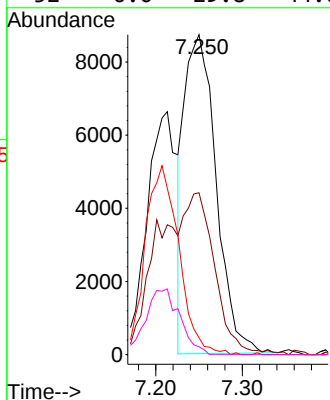
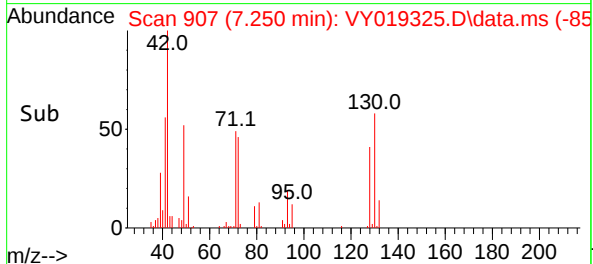


#41
Methacrylonitrile
Concen: 75.636 ug/l
RT: 7.250 min Scan# 904
Delta R.T. 0.019 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Instrument :
MSVOA_Y
ClientSampleId :

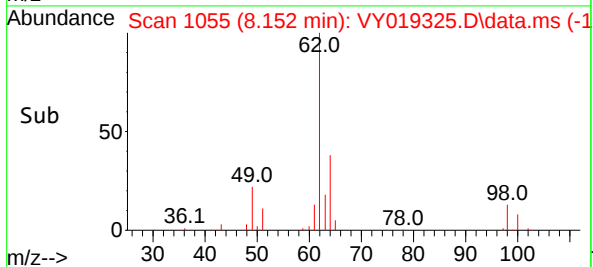
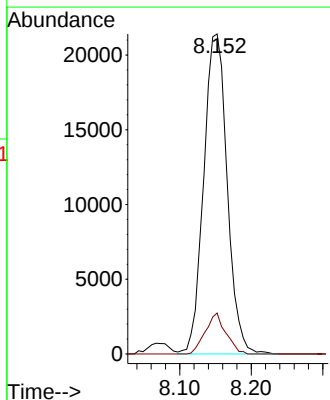
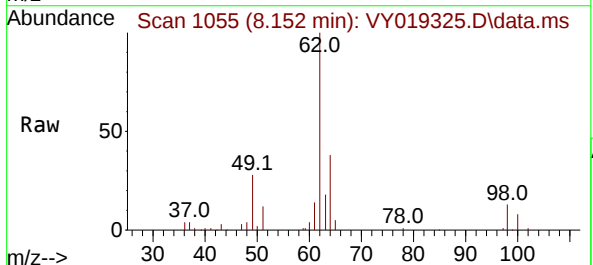


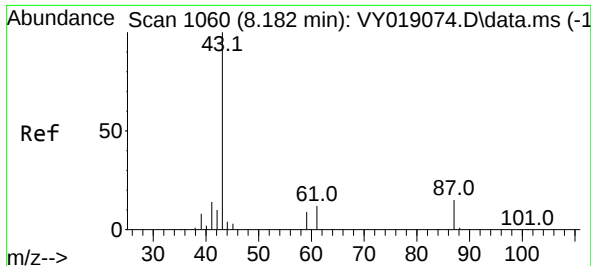
Tgt Ion:	41	Resp:	22386
Ion	Ratio	Lower	Upper
41	100		
39	89.6	48.0	72.0#
67	0.0	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 48.244 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Tgt Ion:	62	Resp:	48903
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.0

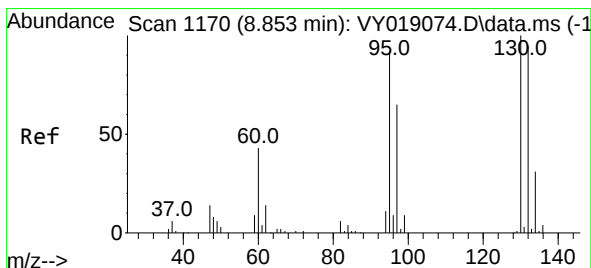
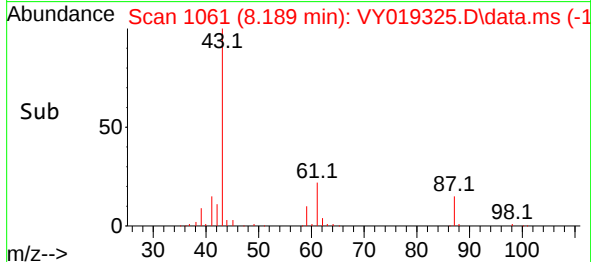
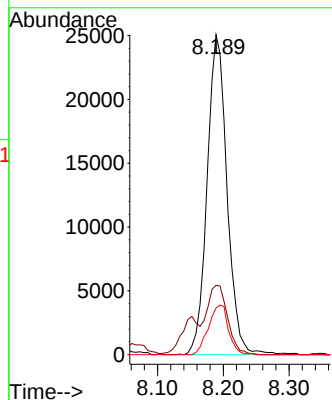
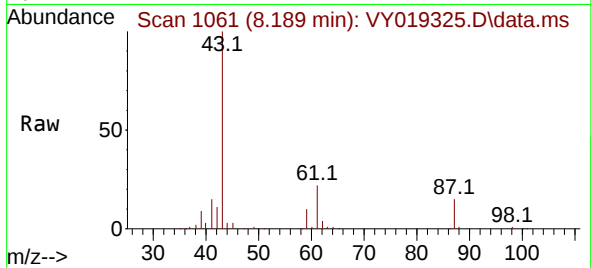




#43
Isopropyl Acetate
Concen: 48.167 ug/l
RT: 8.189 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

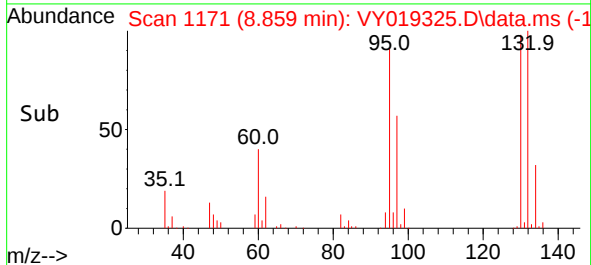
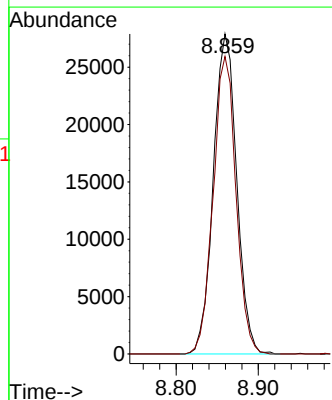
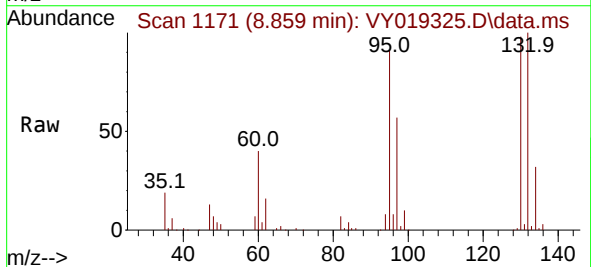
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 52823
Ion Ratio Lower Upper
43 100
61 22.6 27.9 41.9#
87 15.6 13.1 19.7



#44
Trichloroethene
Concen: 52.375 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Tgt Ion:130 Resp: 54857
Ion Ratio Lower Upper
130 100
95 92.9 0.0 188.0

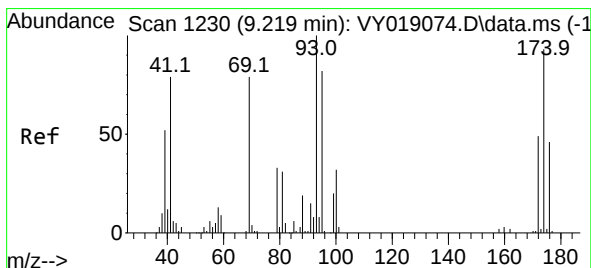
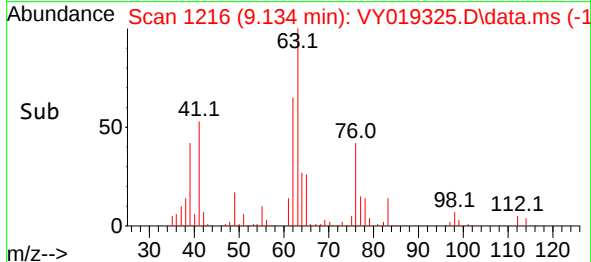
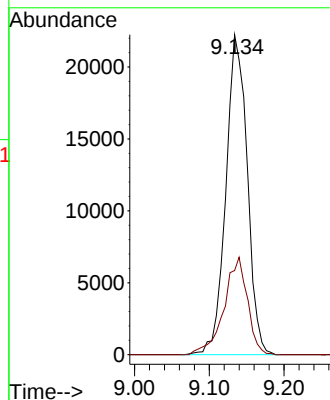
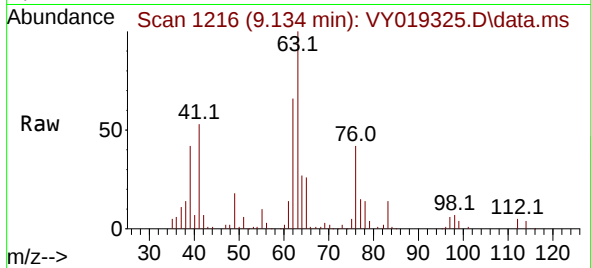




#45
1,2-Dichloropropane
Concen: 52.863 ug/l
RT: 9.134 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

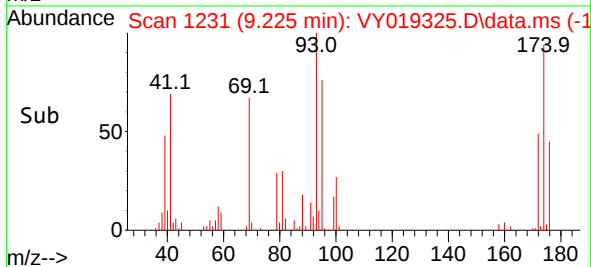
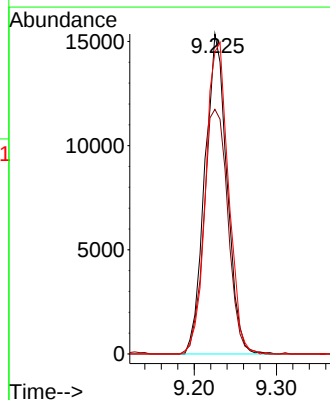
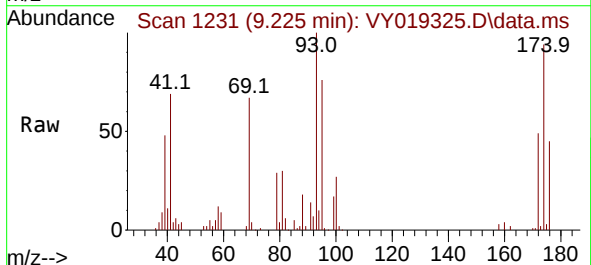
Instrument :
MSVOA_Y
ClientSampleId :

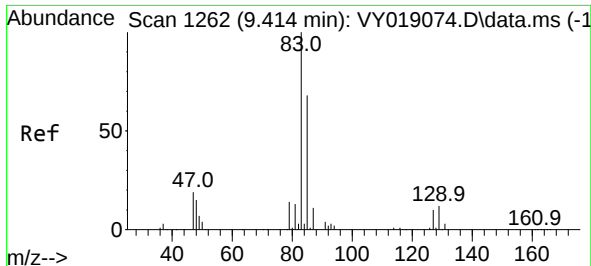
Tgt Ion: 63 Resp: 44211
Ion Ratio Lower Upper
63 100
65 26.3 25.4 38.2



#46
Dibromomethane
Concen: 53.112 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

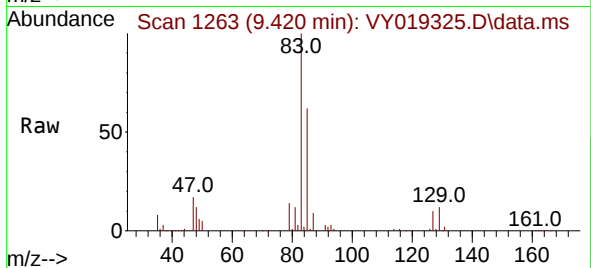
Tgt Ion: 93 Resp: 28810
Ion Ratio Lower Upper
93 100
95 83.4 66.2 99.4
174 99.5 80.9 121.3



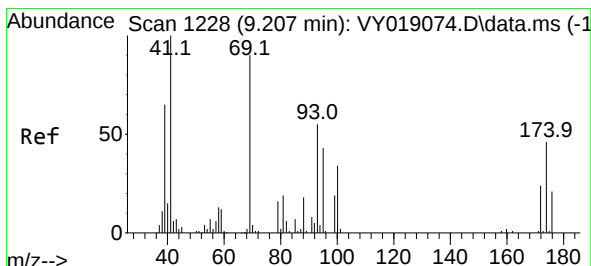
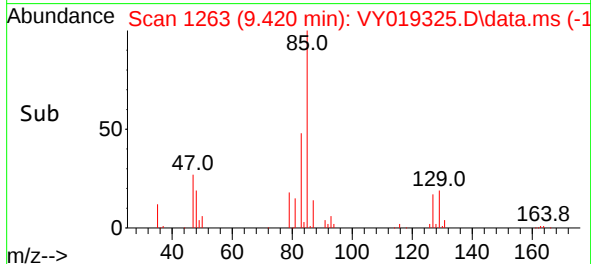
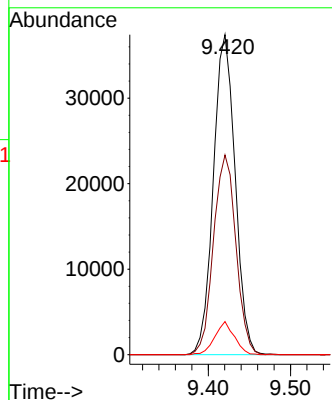


#47
Bromodichloromethane
Concen: 51.762 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Instrument :
MSVOA_Y
ClientSampleId :

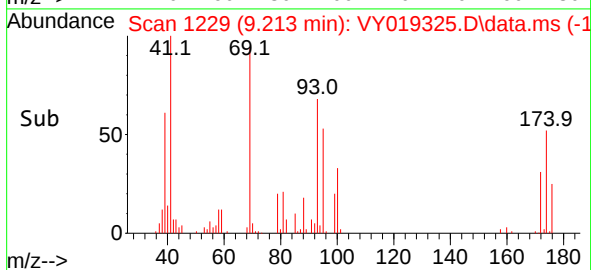
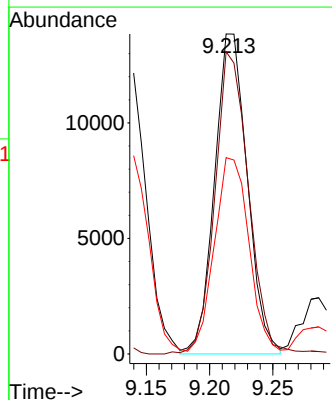
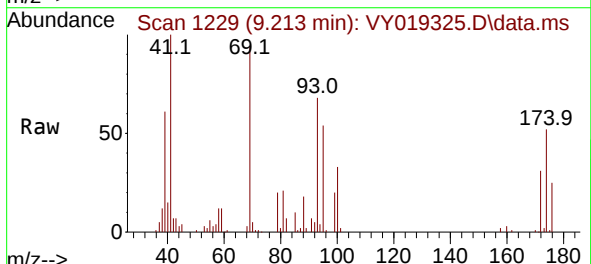


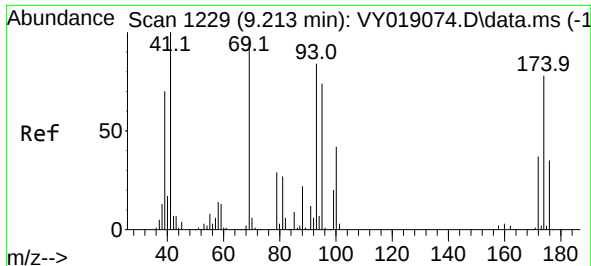
Tgt Ion: 83 Resp: 68886
Ion Ratio Lower Upper
83 100
85 62.4 50.1 75.1
127 10.4 7.4 11.0



#48
Methyl methacrylate
Concen: 51.002 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Tgt Ion: 41 Resp: 24927
Ion Ratio Lower Upper
41 100
69 96.9 84.1 126.1
39 63.3 43.6 65.4





#49

1,4-Dioxane

Concen: 1028.766 ug/l

RT: 9.225 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

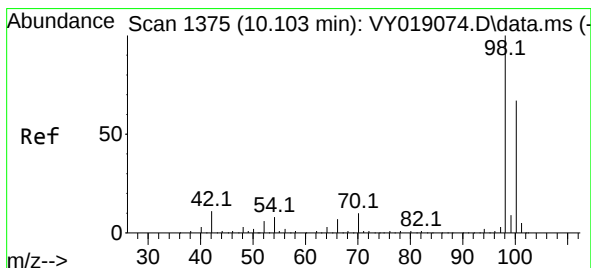
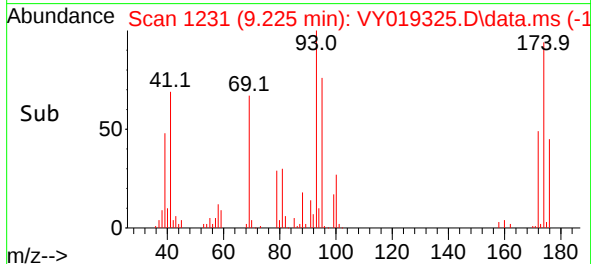
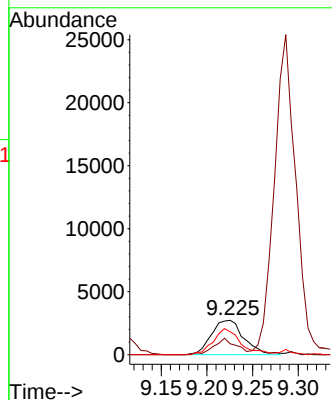
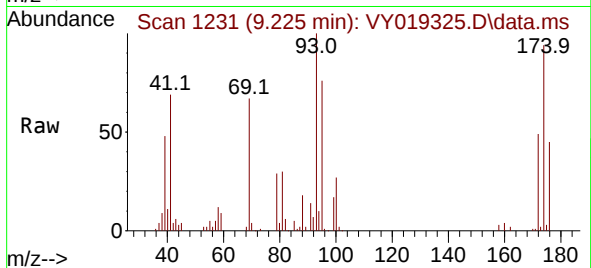
Tgt Ion: 88 Resp: 6760

Ion Ratio Lower Upper

88 100

43 32.4 0.0 0.0#

58 63.7 49.3 73.9



#50

Toluene-d8

Concen: 47.576 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019325.D

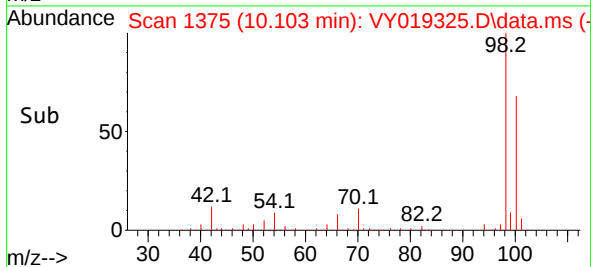
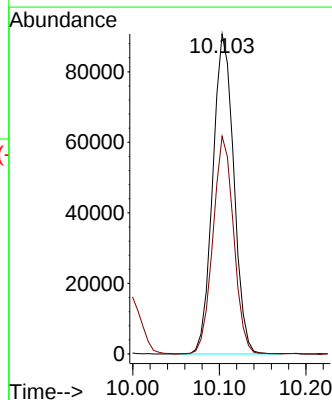
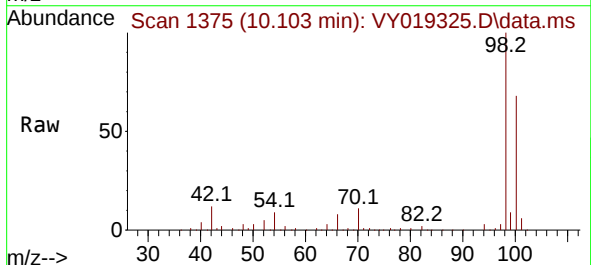
Acq: 28 Aug 2024 12:38

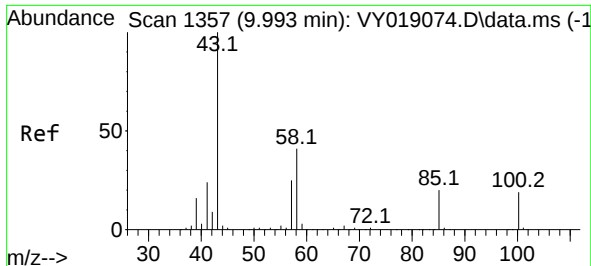
Tgt Ion: 98 Resp: 152602

Ion Ratio Lower Upper

98 100

100 67.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 262.233 ug/l

RT: 9.993 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

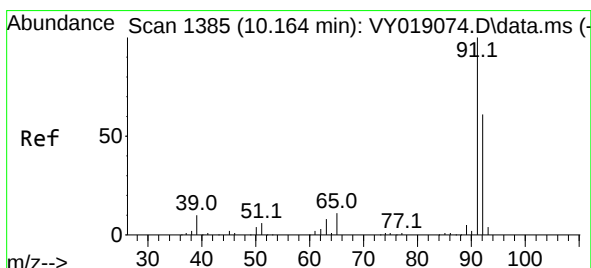
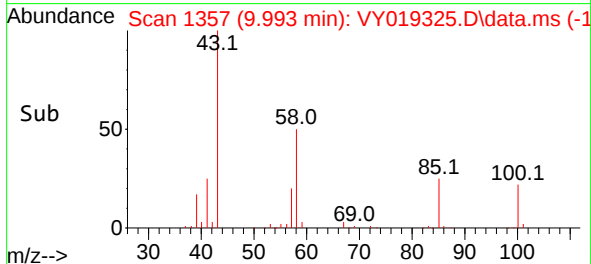
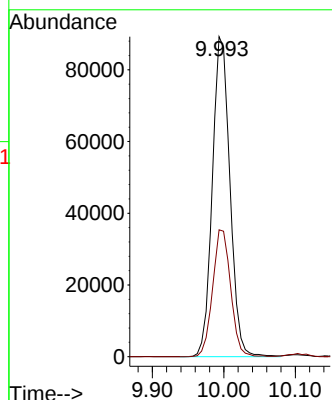
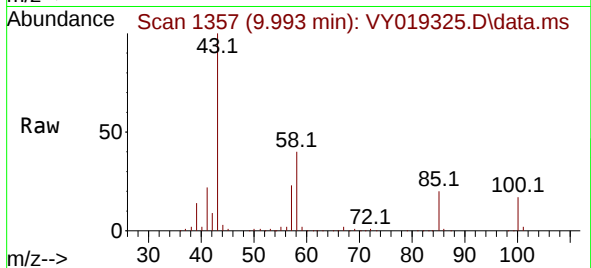
ClientSampleId :

Tgt Ion: 43 Resp: 152636

Ion Ratio Lower Upper

43 100

58 40.6 35.7 53.5



#52

Toluene

Concen: 51.481 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019325.D

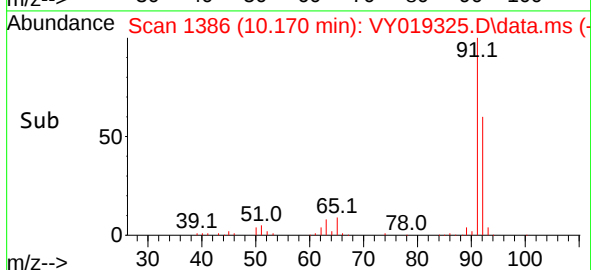
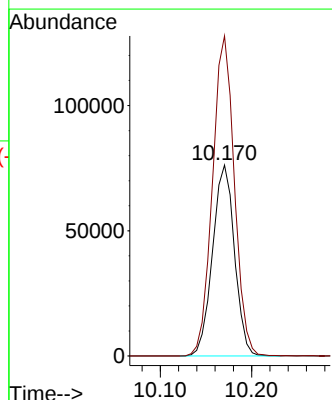
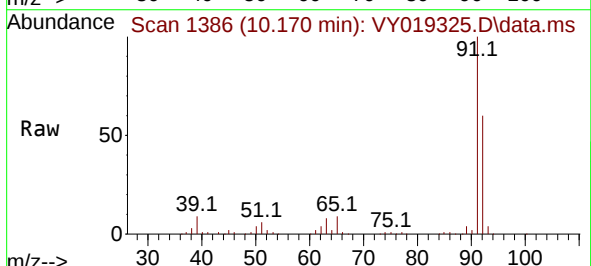
Acq: 28 Aug 2024 12:38

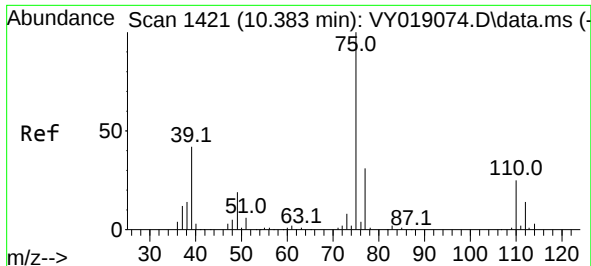
Tgt Ion: 92 Resp: 126851

Ion Ratio Lower Upper

92 100

91 167.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 53.790 ug/l

RT: 10.390 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

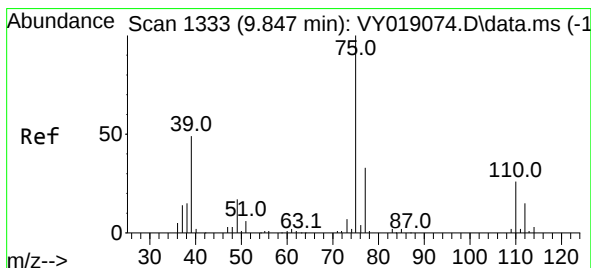
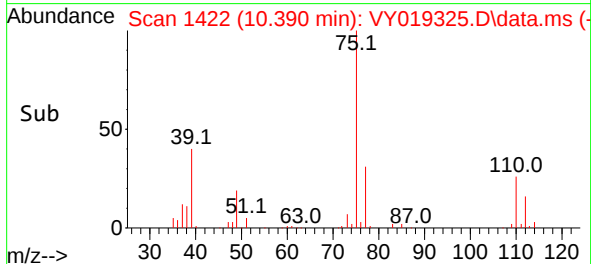
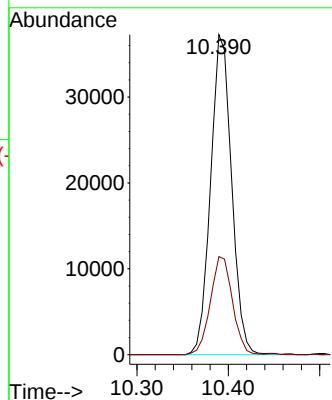
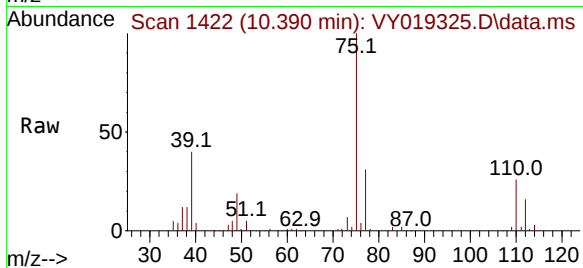
ClientSampleId :

Tgt Ion: 75 Resp: 59383

Ion Ratio Lower Upper

75 100

77 30.7 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 51.977 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

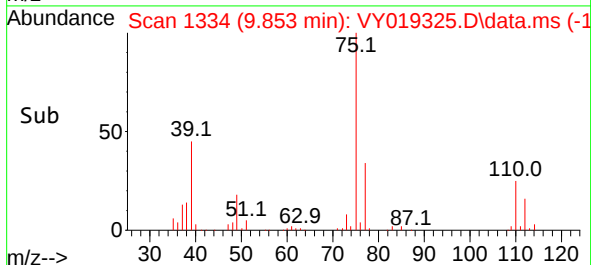
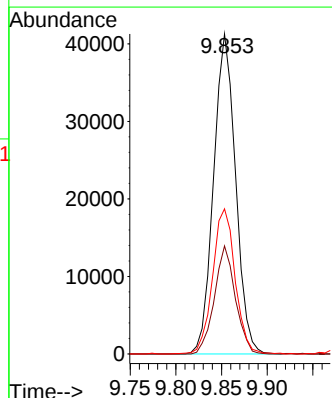
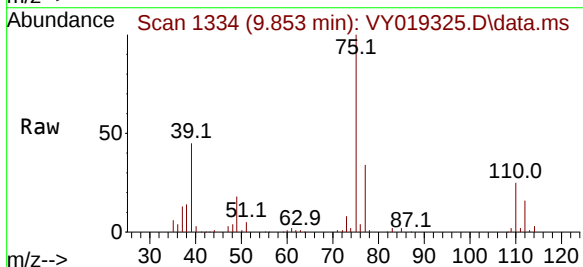
Tgt Ion: 75 Resp: 69008

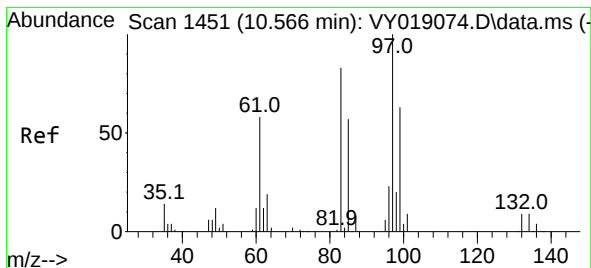
Ion Ratio Lower Upper

75 100

77 33.7 25.4 38.0

39 45.2 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 52.736 ug/l

RT: 10.573 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 36826

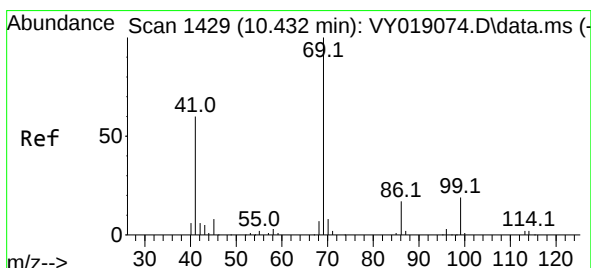
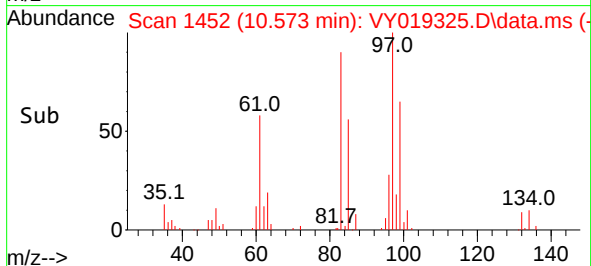
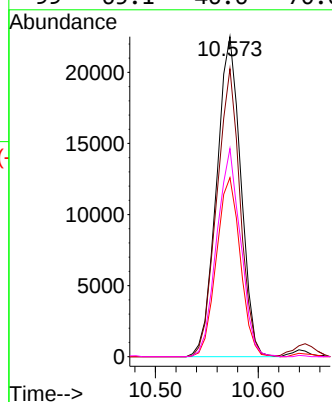
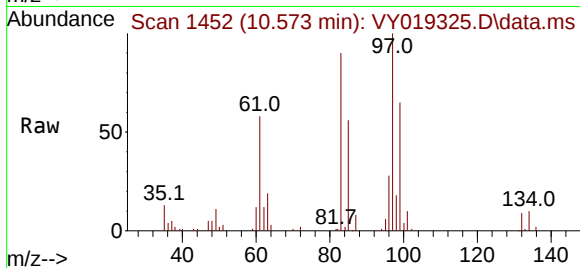
Ion Ratio Lower Upper

97 100

83 90.0 67.5 101.3

85 55.9 42.9 64.3

99 65.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 53.489 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

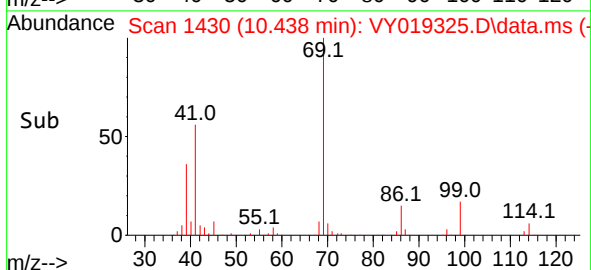
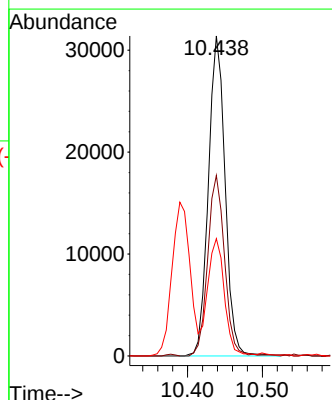
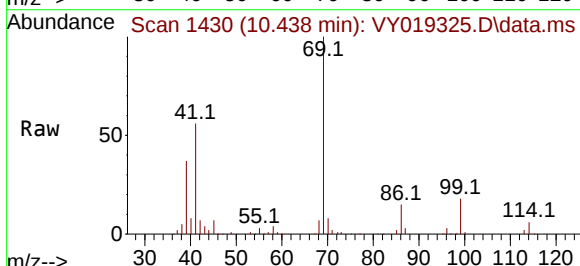
Tgt Ion: 69 Resp: 48890

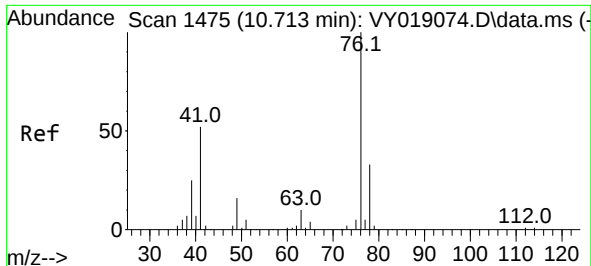
Ion Ratio Lower Upper

69 100

41 56.8 42.3 63.5

39 36.1 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 52.160 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

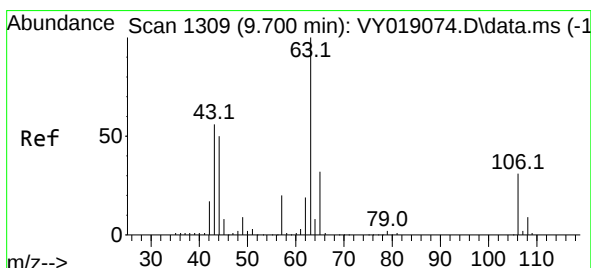
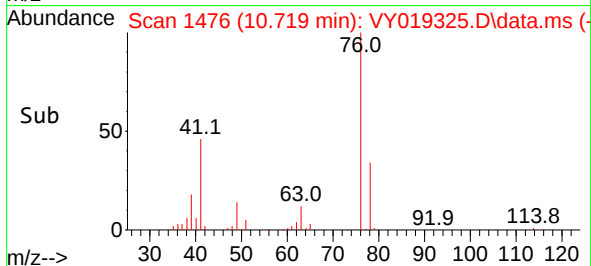
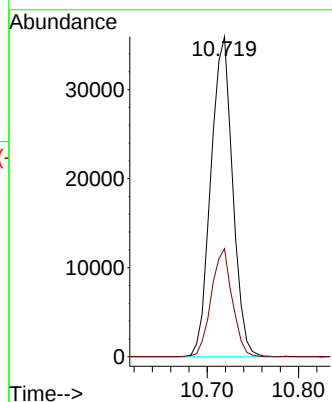
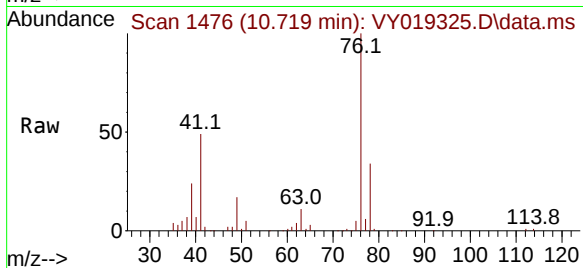
ClientSampleId :

Tgt Ion: 76 Resp: 59377

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 283.148 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019325.D

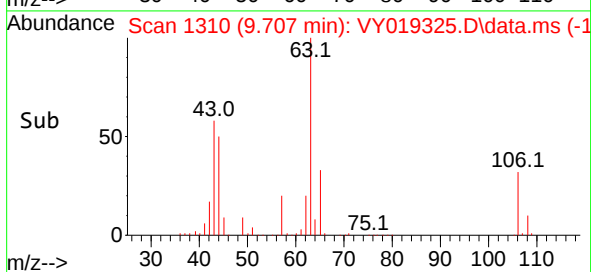
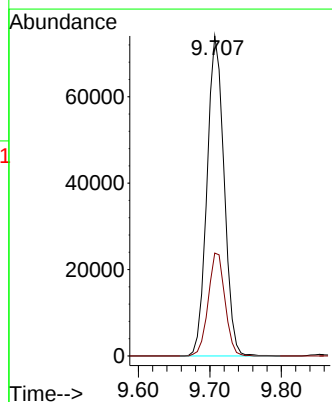
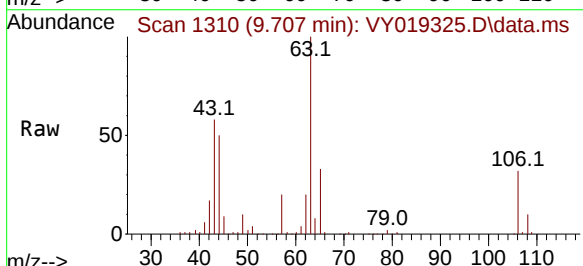
Acq: 28 Aug 2024 12:38

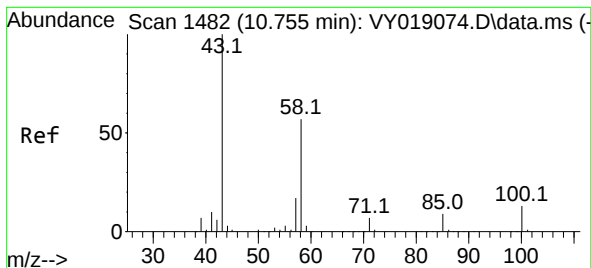
Tgt Ion: 63 Resp: 122776

Ion Ratio Lower Upper

63 100

106 31.5 23.7 35.5





#59

2-Hexanone

Concen: 275.137 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

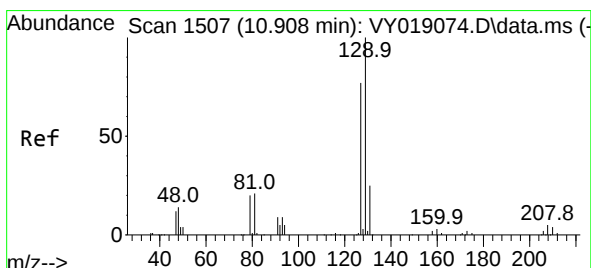
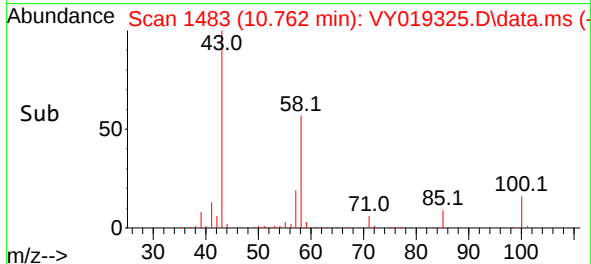
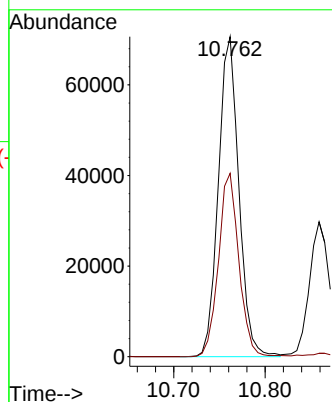
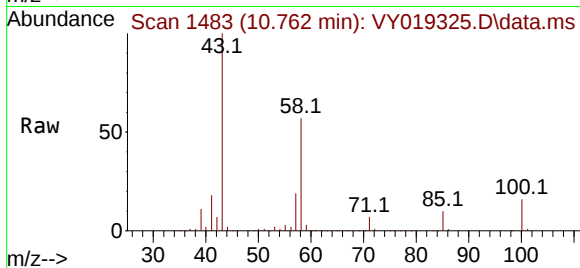
ClientSampleId :

Tgt Ion: 43 Resp: 110024

Ion Ratio Lower Upper

43 100

58 57.2 31.4 94.0



#60

Dibromochloromethane

Concen: 53.506 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY019325.D

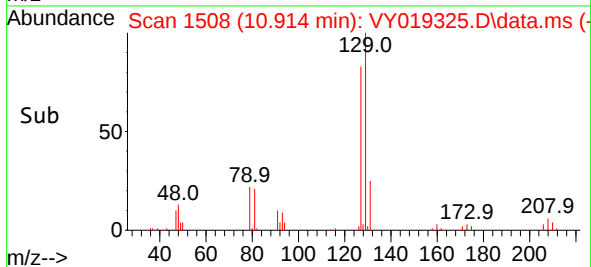
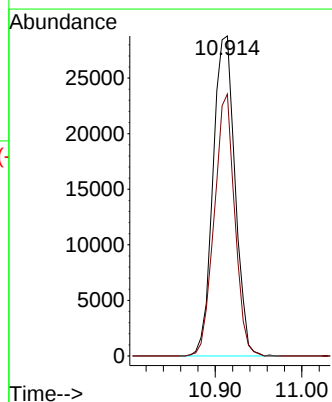
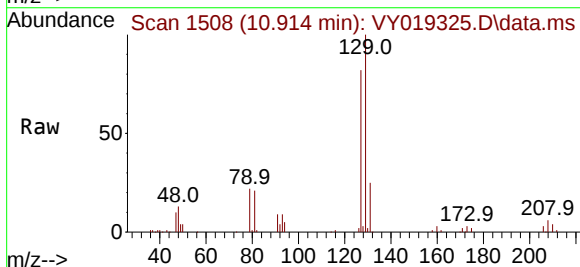
Acq: 28 Aug 2024 12:38

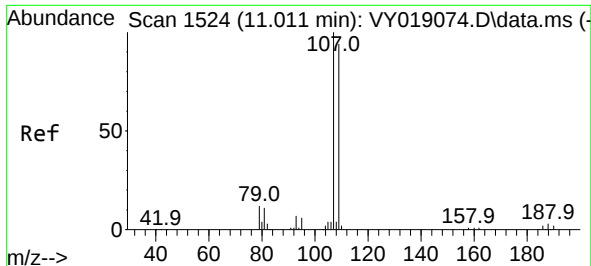
Tgt Ion:129 Resp: 50890

Ion Ratio Lower Upper

129 100

127 76.1 39.0 117.0

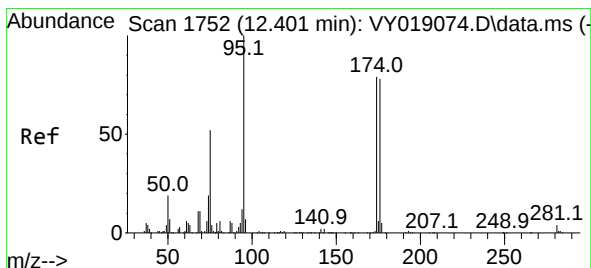
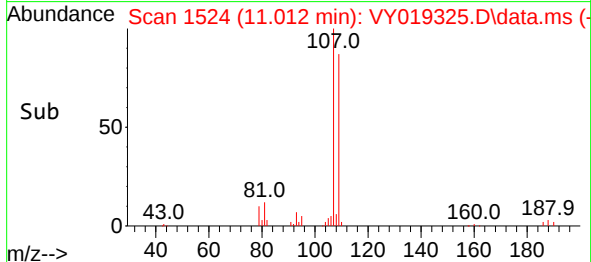
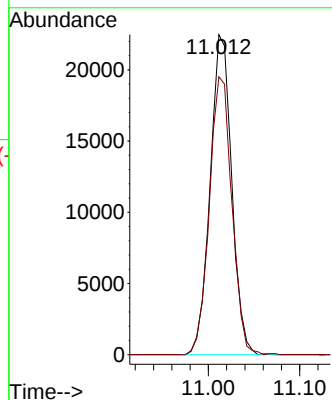
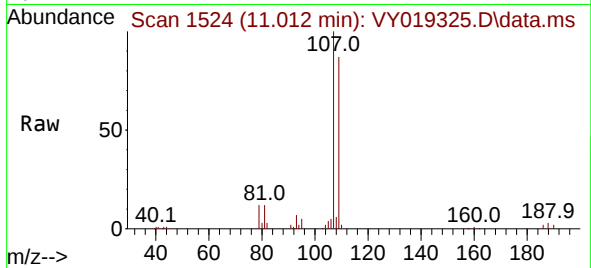




#61
1,2-Dibromoethane
Concen: 54.489 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

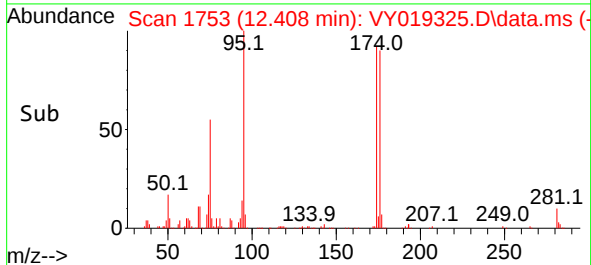
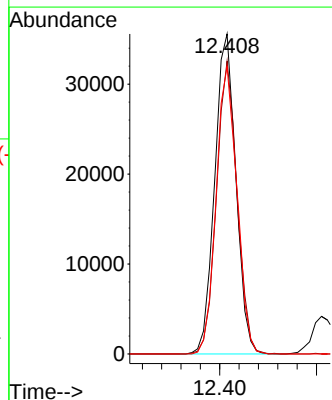
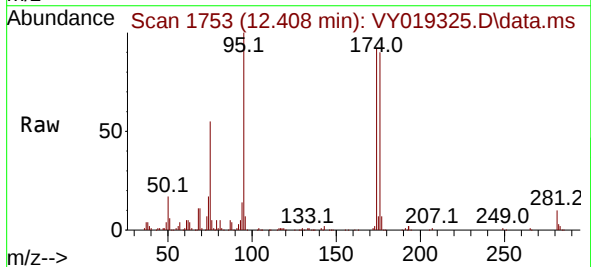
Instrument :
MSVOA_Y
ClientSampleId :

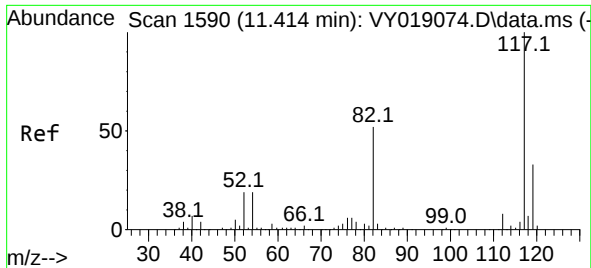
Tgt Ion:107 Resp: 36777
Ion Ratio Lower Upper
107 100
109 90.9 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.283 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Tgt Ion: 95 Resp: 53888
Ion Ratio Lower Upper
95 100
174 89.1 0.0 175.6
176 88.7 0.0 171.4

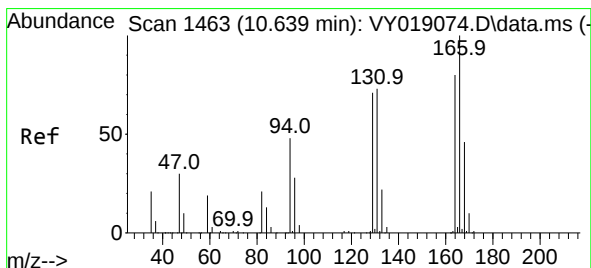
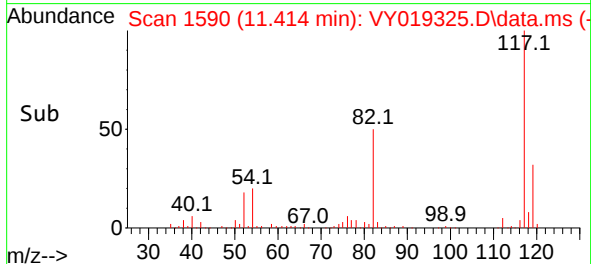
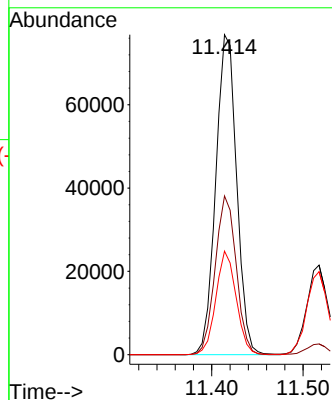
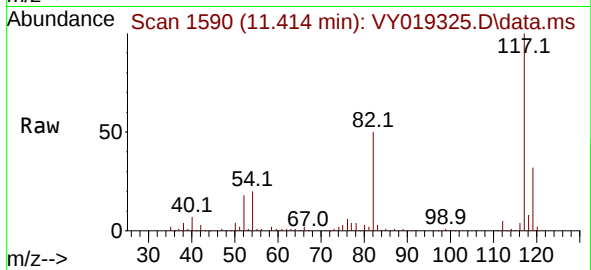




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

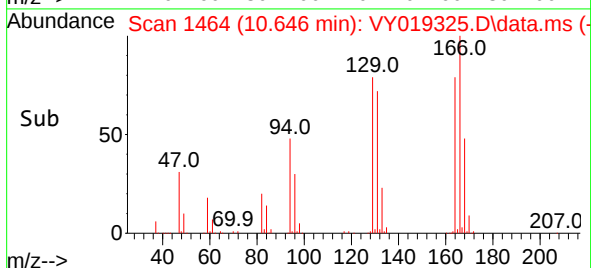
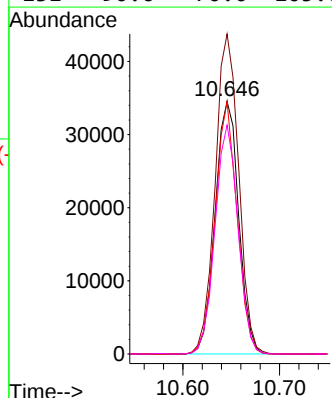
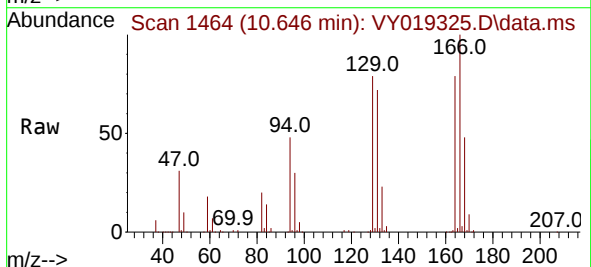
Instrument :
MSVOA_Y
ClientSampleId :

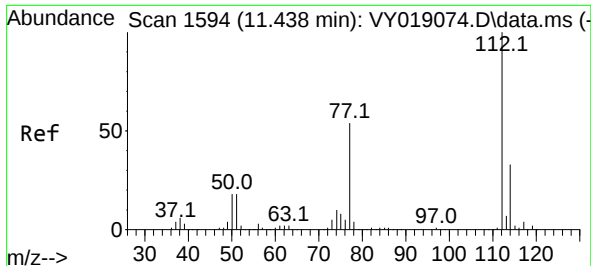
Tgt Ion:117 Resp: 122115
Ion Ratio Lower Upper
117 100
82 49.6 42.4 63.6
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 54.655 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Tgt Ion:164 Resp: 58338
Ion Ratio Lower Upper
164 100
166 126.6 102.6 154.0
129 99.8 72.0 108.0
131 90.6 70.0 105.0

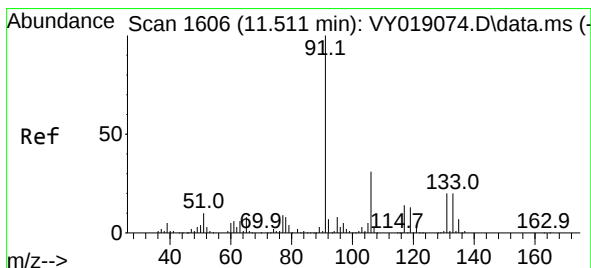
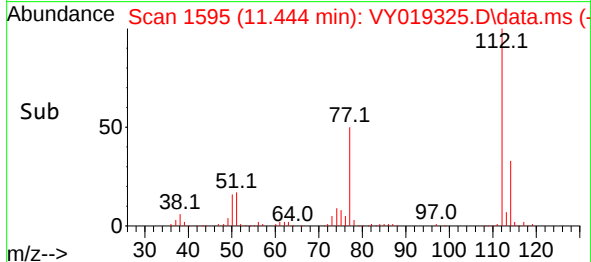
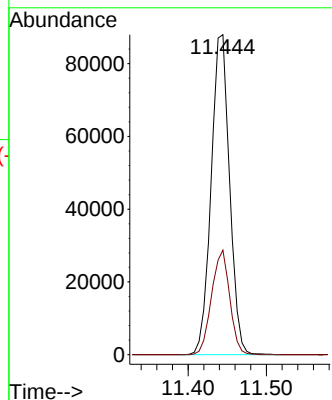
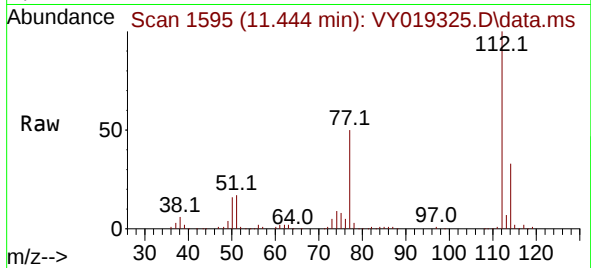




#65
Chlorobenzene
Concen: 51.115 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

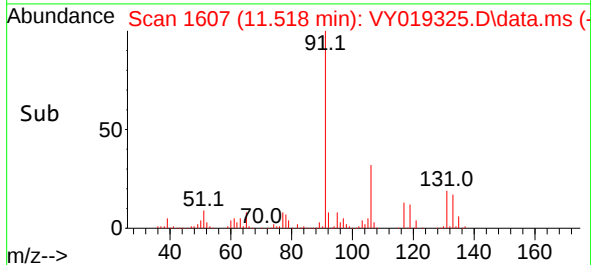
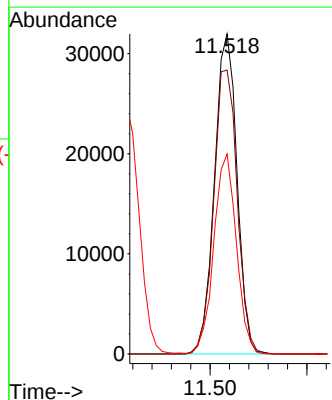
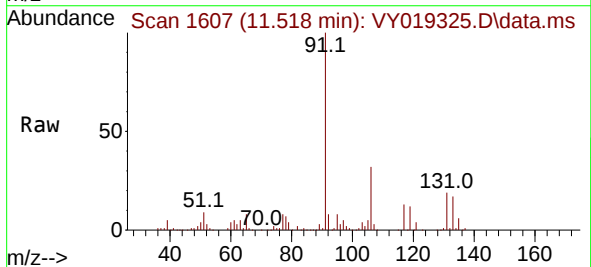
Instrument :
MSVOA_Y
ClientSampleId :

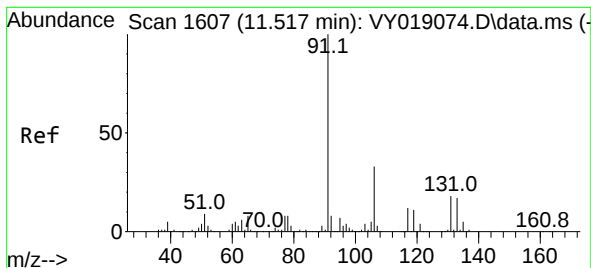
Tgt Ion:112 Resp: 143729
Ion Ratio Lower Upper
112 100
114 32.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.148 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Tgt Ion:131 Resp: 51566
Ion Ratio Lower Upper
131 100
133 93.1 47.8 143.3
119 62.8 34.1 102.2





#67

Ethyl Benzene

Concen: 50.118 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

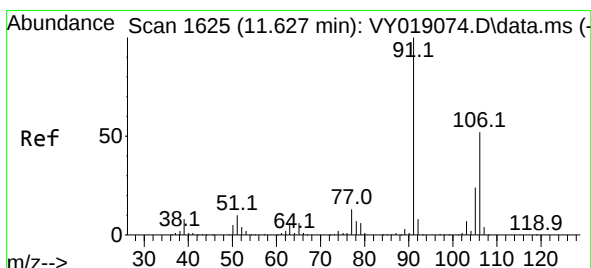
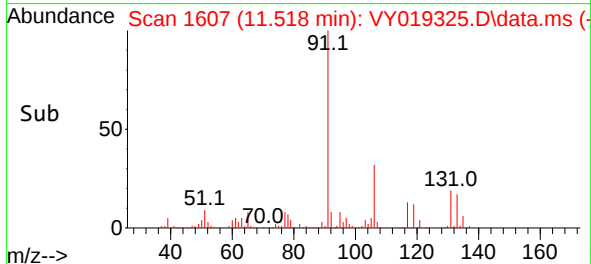
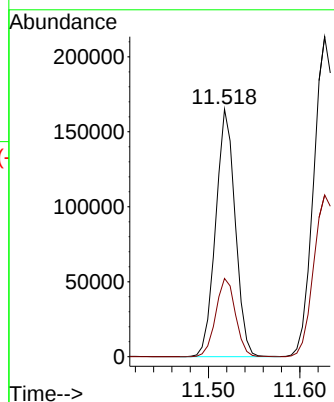
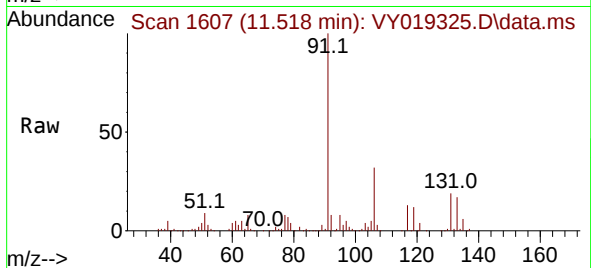
ClientSampleId :

Tgt Ion: 91 Resp: 244595

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 101.824 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019325.D

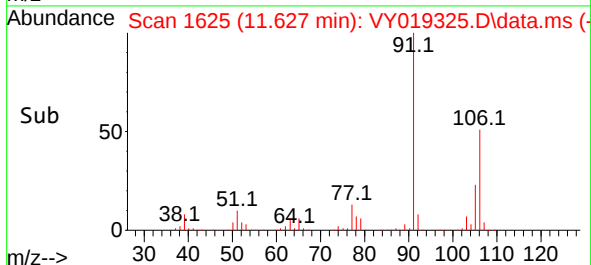
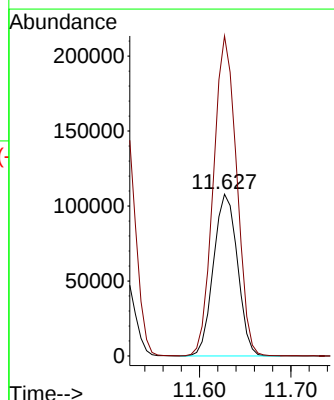
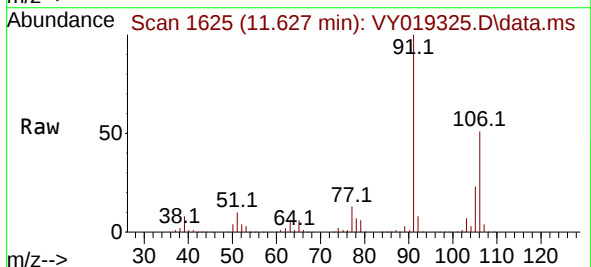
Acq: 28 Aug 2024 12:38

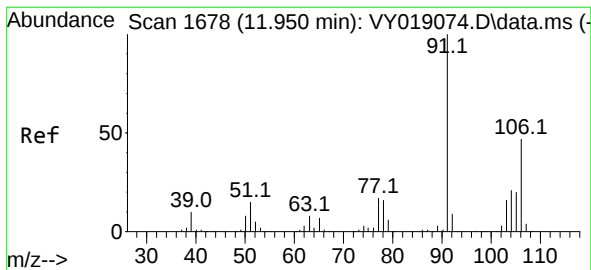
Tgt Ion:106 Resp: 197182

Ion Ratio Lower Upper

106 100

91 191.9 156.0 234.0





#69

o-Xylene

Concen: 51.912 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

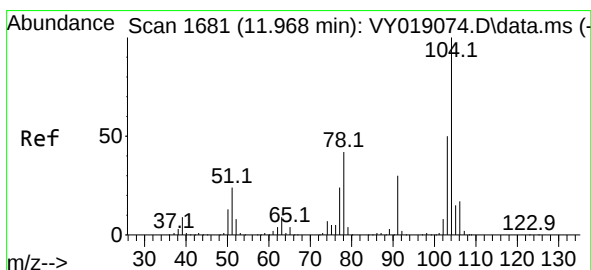
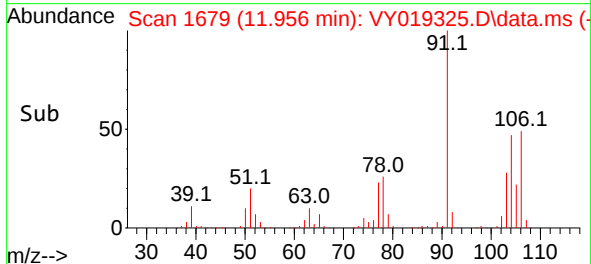
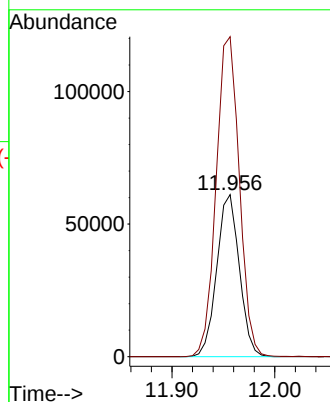
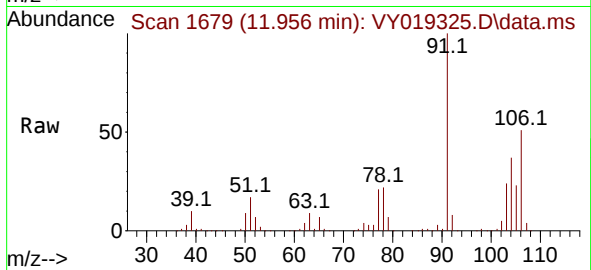
ClientSampleId :

Tgt Ion:106 Resp: 93094

Ion Ratio Lower Upper

106 100

91 203.0 103.6 310.8



#70

Styrene

Concen: 50.984 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

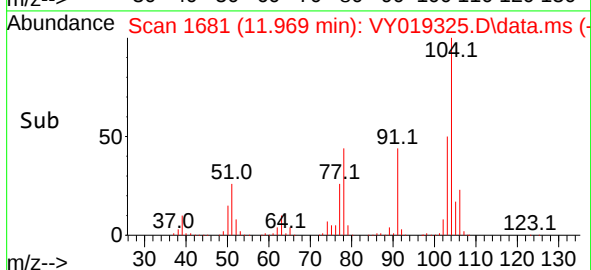
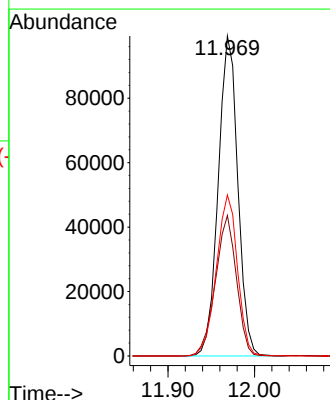
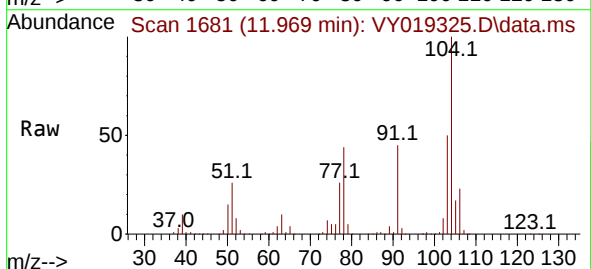
Tgt Ion:104 Resp: 155914

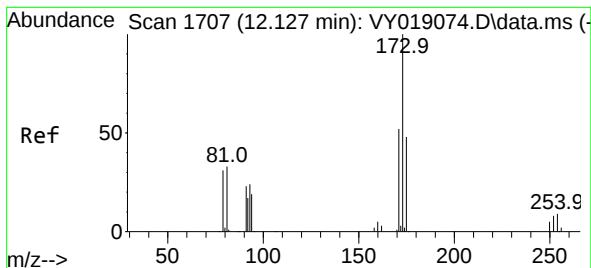
Ion Ratio Lower Upper

104 100

78 47.1 37.0 55.4

103 54.3 44.2 66.2





#71

Bromoform

Concen: 52.537 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

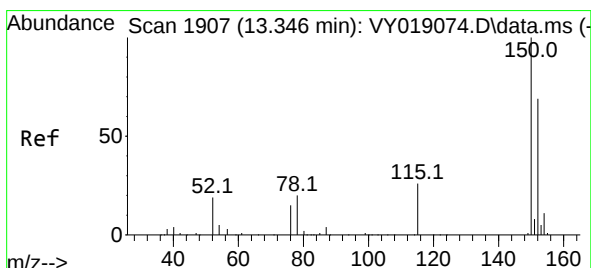
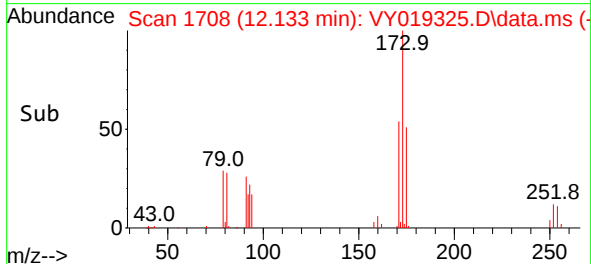
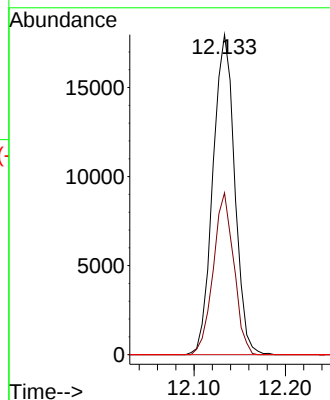
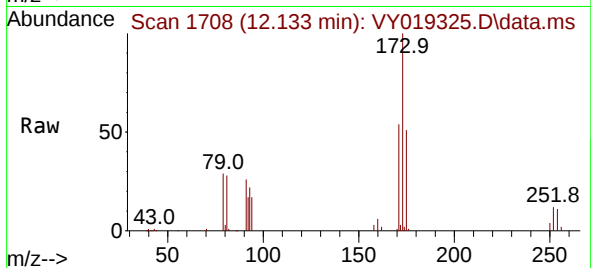
Tgt Ion:173 Resp: 29697

Ion Ratio Lower Upper

173 100

175 47.9 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: VY019325.D

Acq: 28 Aug 2024 12:38

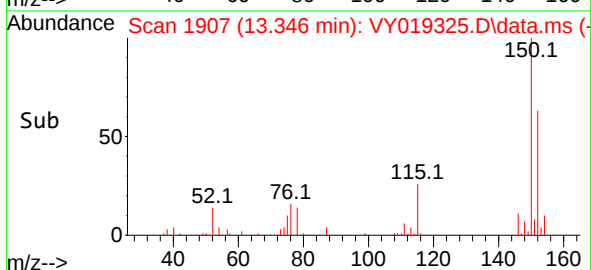
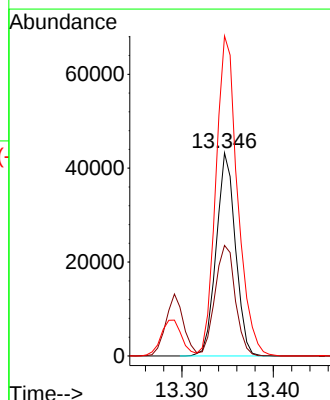
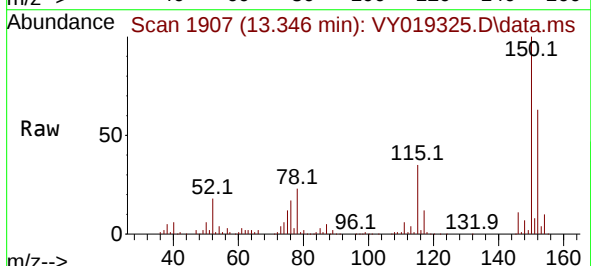
Tgt Ion:152 Resp: 63096

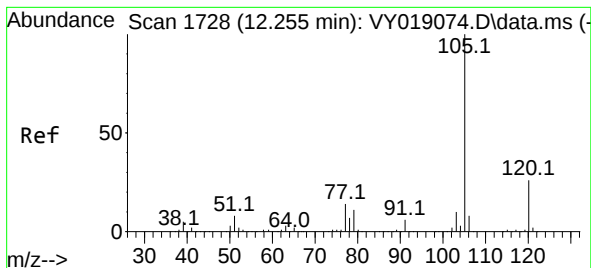
Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 178.1 0.0 345.6





#73

Isopropylbenzene

Concen: 49.684 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

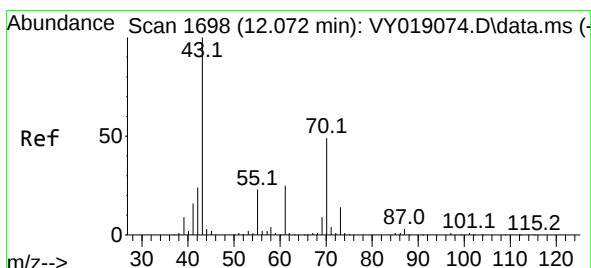
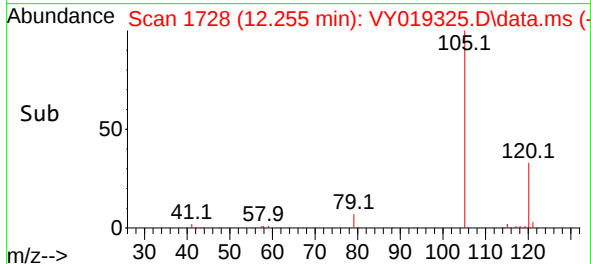
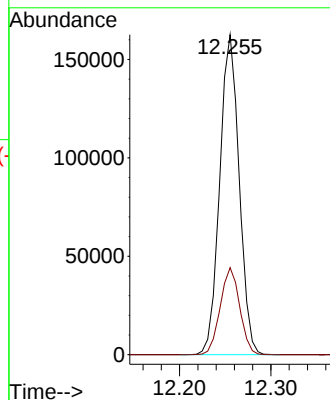
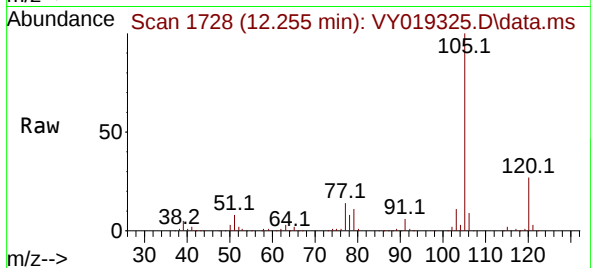
ClientSampleId :

Tgt Ion:105 Resp: 240273

Ion Ratio Lower Upper

105 100

120 27.2 13.4 40.1



#74

N-ethyl acetate

Concen: 49.201 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Tgt Ion: 43 Resp: 51884

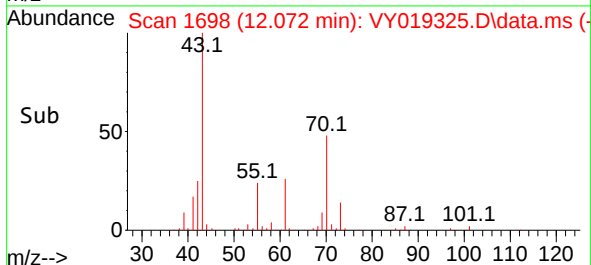
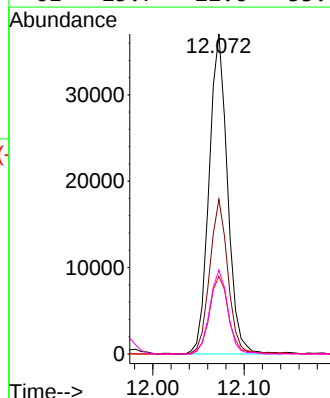
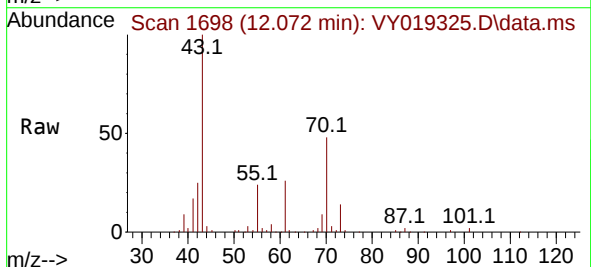
Ion Ratio Lower Upper

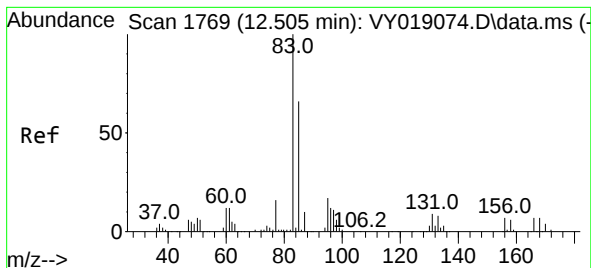
43 100

70 47.7 41.4 62.2

55 25.1 23.3 34.9

61 25.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.501 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

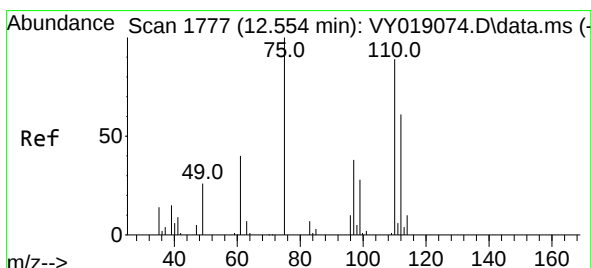
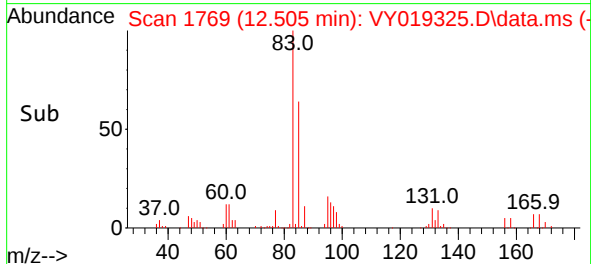
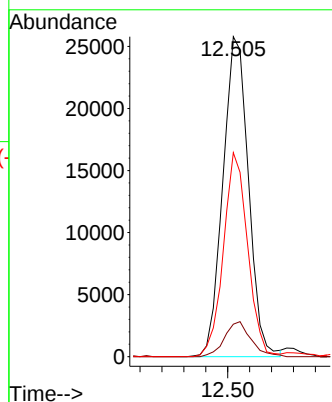
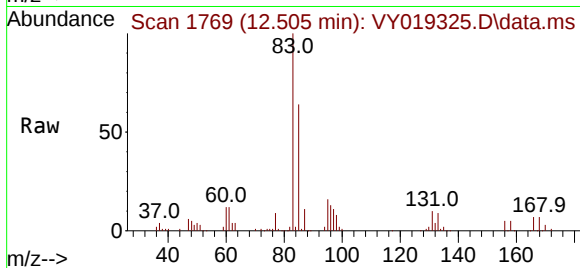
Tgt Ion: 83 Resp: 41757

Ion Ratio Lower Upper

83 100

131 11.3 5.0 14.9

85 60.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 84.527 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019325.D

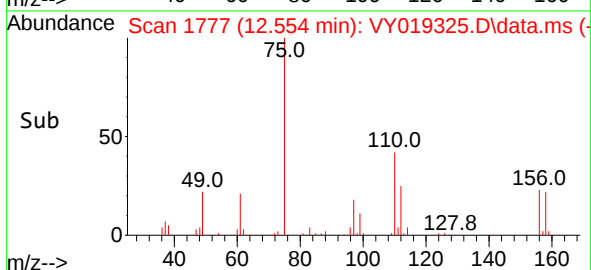
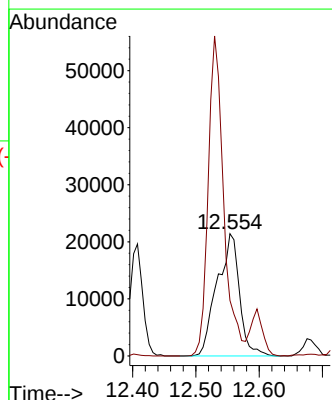
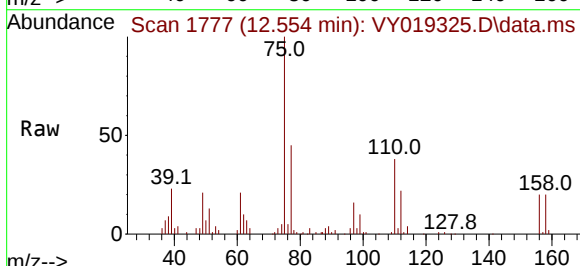
Acq: 28 Aug 2024 12:38

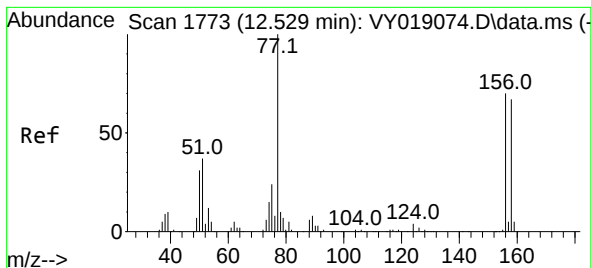
Tgt Ion: 75 Resp: 52596

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.589 ug/l

RT: 12.536 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

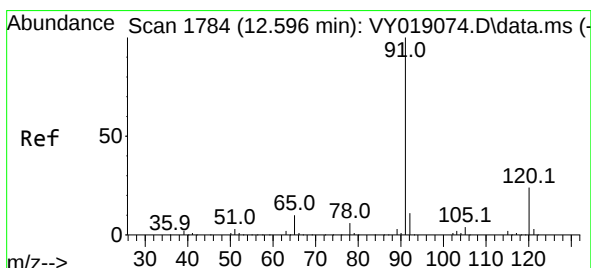
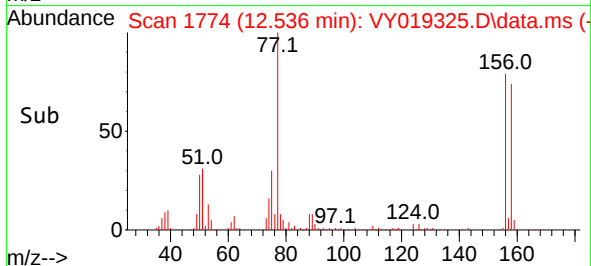
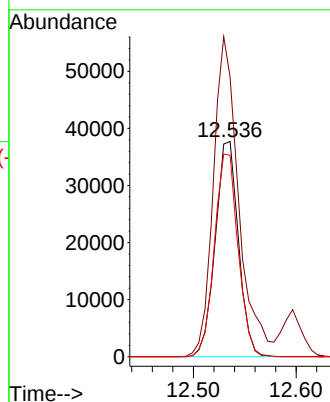
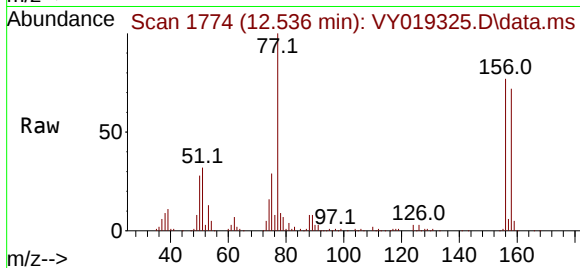
Tgt Ion:156 Resp: 58754

Ion Ratio Lower Upper

156 100

77 163.5 87.1 261.3

158 96.4 48.6 145.9



#78

n-propylbenzene

Concen: 50.205 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019325.D

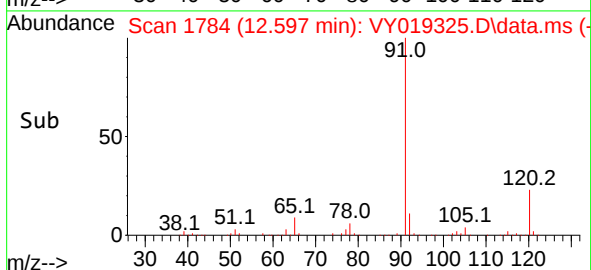
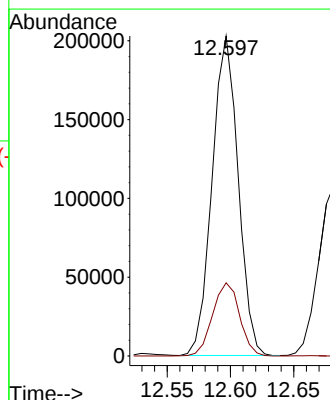
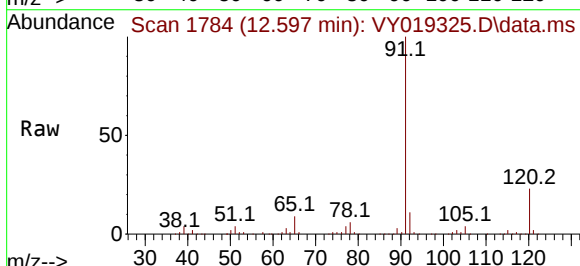
Acq: 28 Aug 2024 12:38

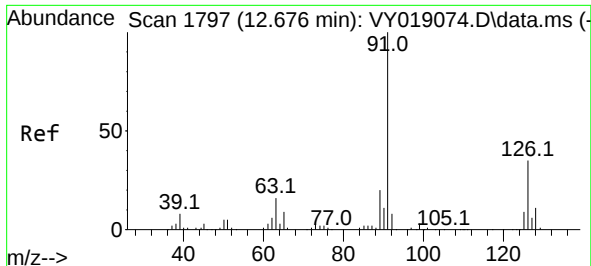
Tgt Ion: 91 Resp: 290242

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

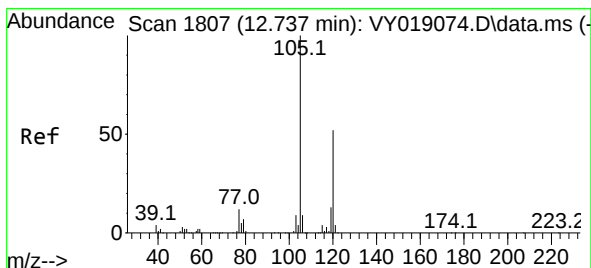
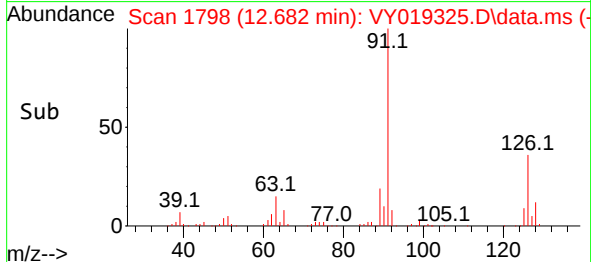
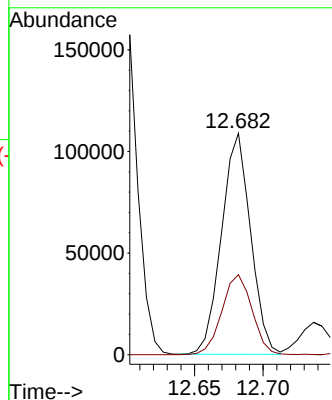
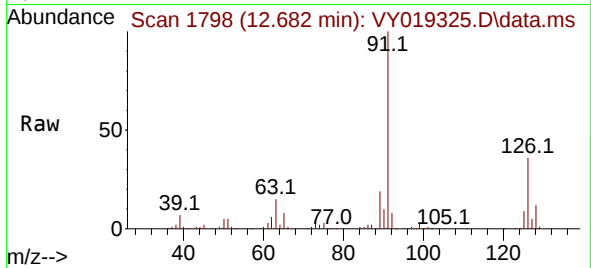




#79
2-Chlorotoluene
Concen: 49.632 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

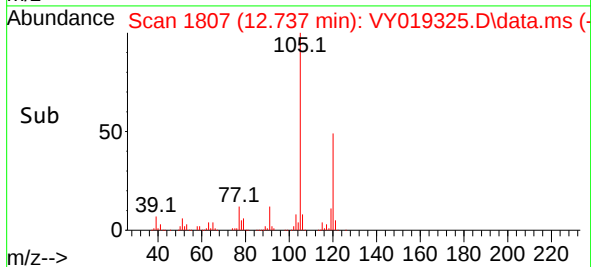
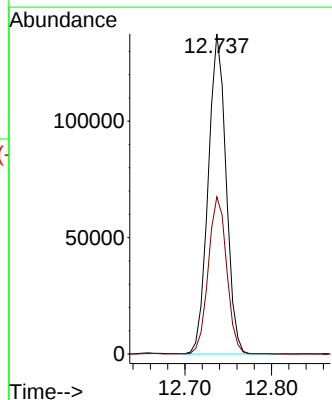
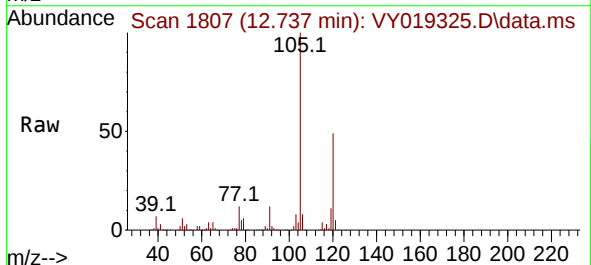
Instrument :
MSVOA_Y
ClientSampleId :

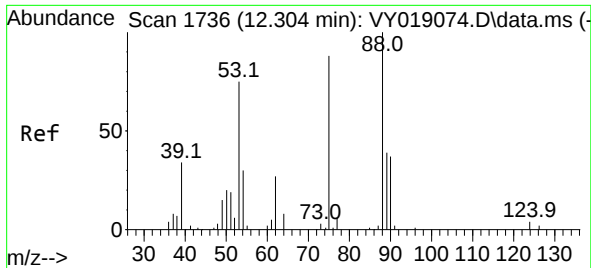
Tgt Ion: 91 Resp: 160863
Ion Ratio Lower Upper
91 100
126 37.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 49.956 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Tgt Ion:105 Resp: 196811
Ion Ratio Lower Upper
105 100
120 50.6 25.1 75.2

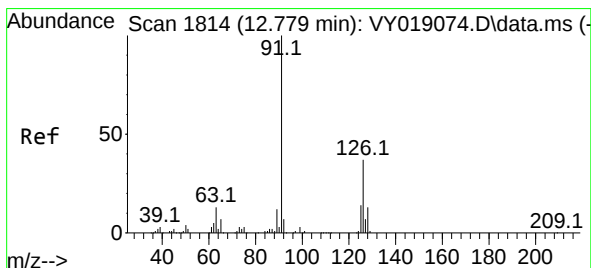
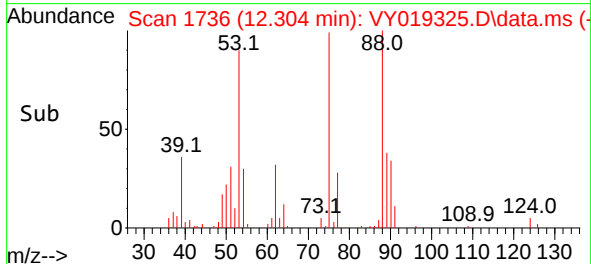
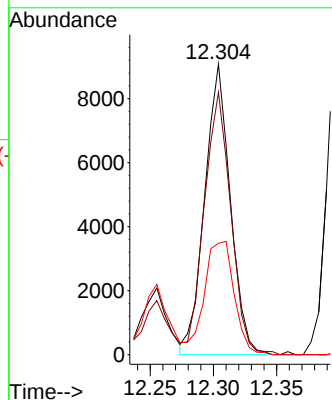
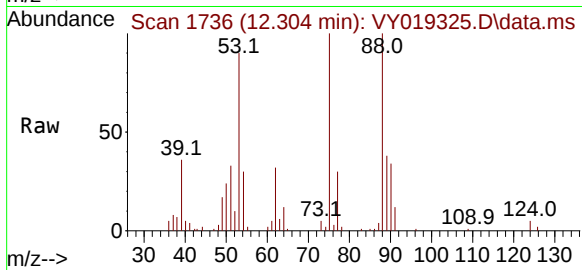




#81
trans-1,4-Dichloro-2-butene
Concen: 50.898 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

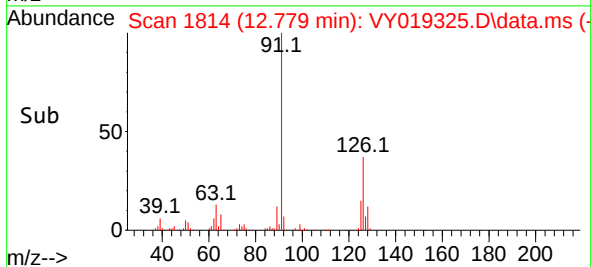
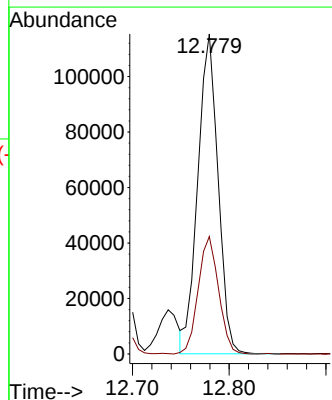
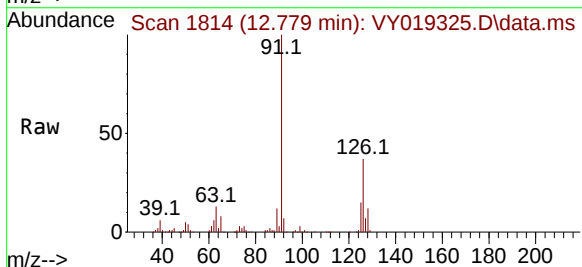
Instrument :
MSVOA_Y
ClientSampleId :

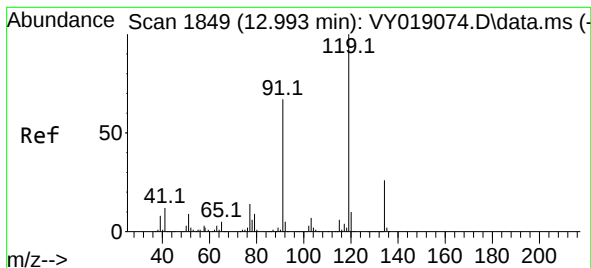
Tgt Ion:	75	Resp:	12824
Ion	Ratio	Lower	Upper
75	100		
53	93.5	66.8	100.2
89	45.8	35.8	53.6



#82
4-Chlorotoluene
Concen: 49.758 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Tgt Ion:	91	Resp:	167786
Ion	Ratio	Lower	Upper
91	100		
126	37.0	17.6	52.9





#83

tert-Butylbenzene

Concen: 50.074 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

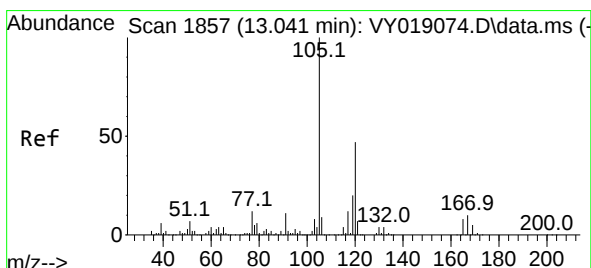
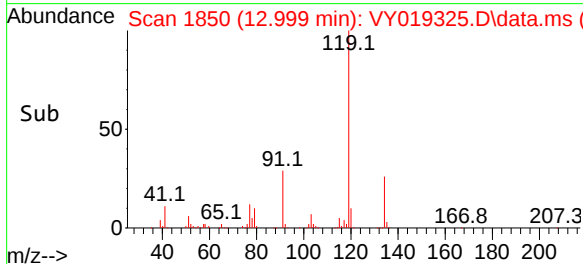
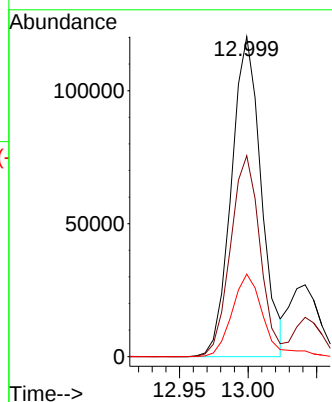
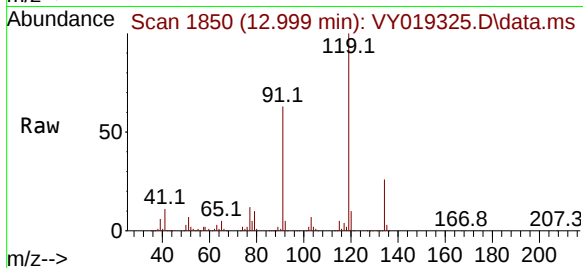
Tgt Ion:119 Resp: 182178

Ion Ratio Lower Upper

119 100

91 62.2 31.3 93.8

134 27.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.177 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019325.D

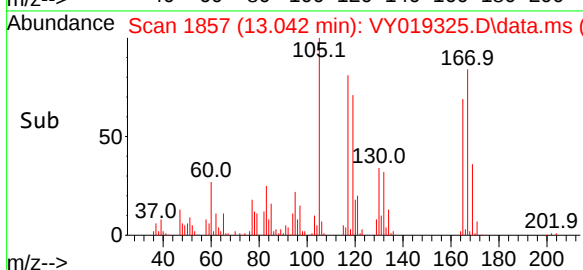
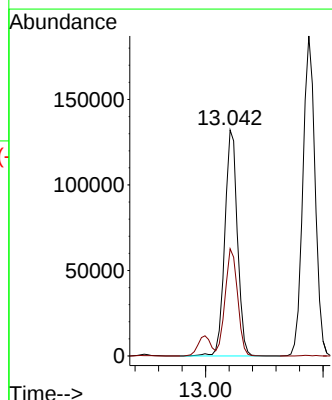
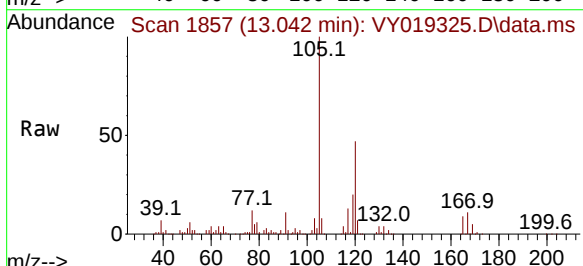
Acq: 28 Aug 2024 12:38

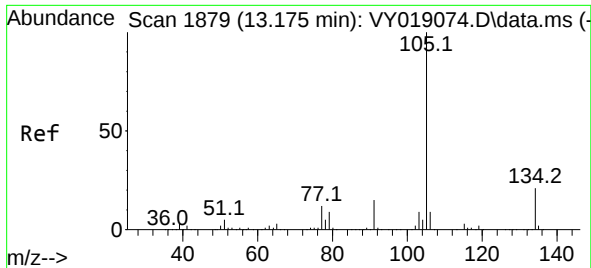
Tgt Ion:105 Resp: 197020

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6

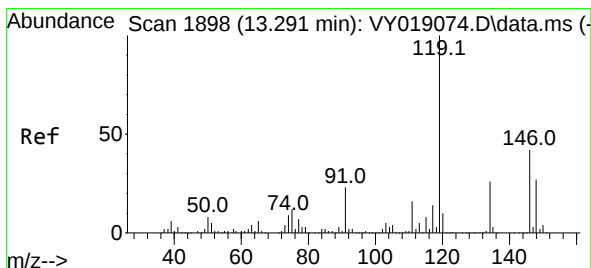
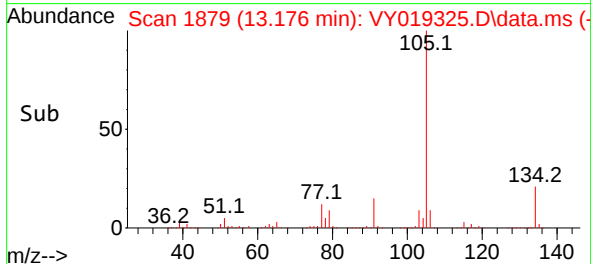
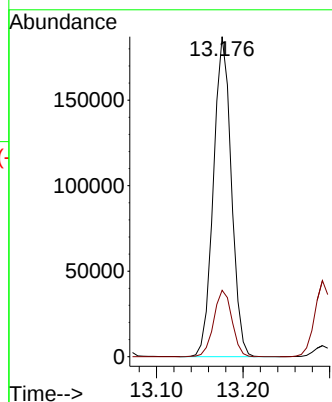
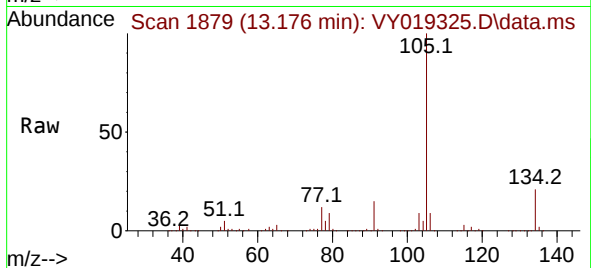




#85
 sec-Butylbenzene
 Concen: 50.772 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY019325.D
 Acq: 28 Aug 2024 12:38

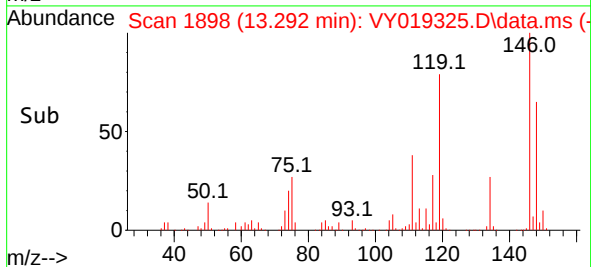
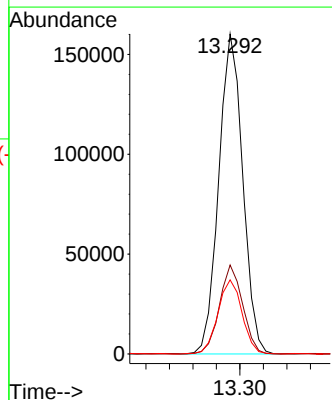
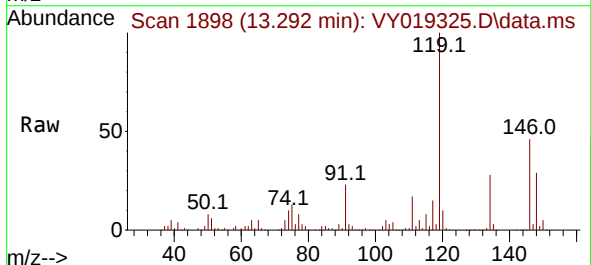
Instrument :
 MSVOA_Y
 ClientSampleId :

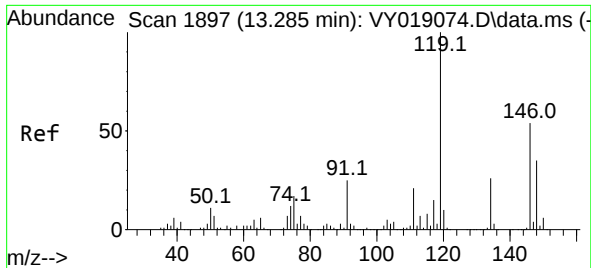
Tgt Ion:105 Resp: 269182
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 52.239 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019325.D
 Acq: 28 Aug 2024 12:38

Tgt Ion:119 Resp: 227496
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 23.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 51.604 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

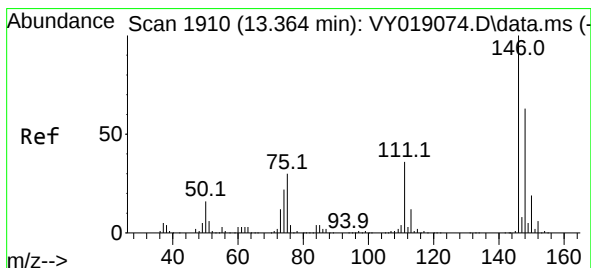
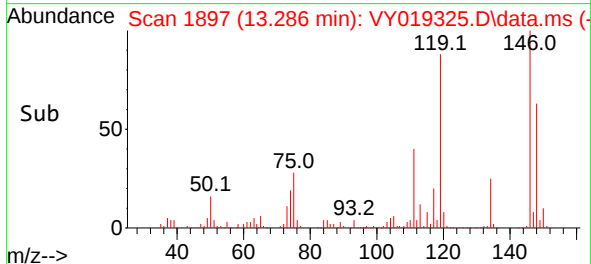
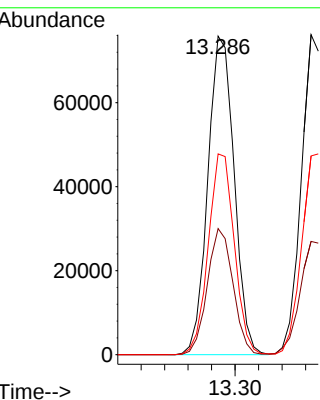
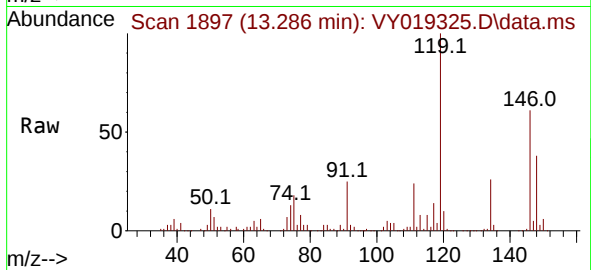
Tgt Ion:146 Resp: 118195

Ion Ratio Lower Upper

146 100

111 38.6 19.0 57.0

148 62.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.119 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

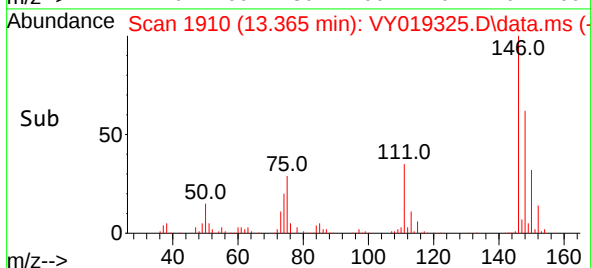
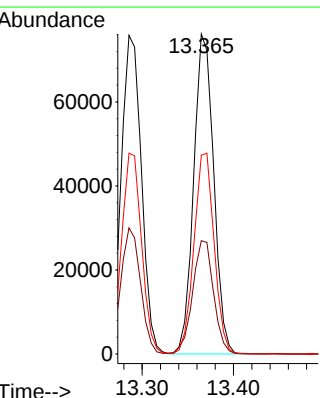
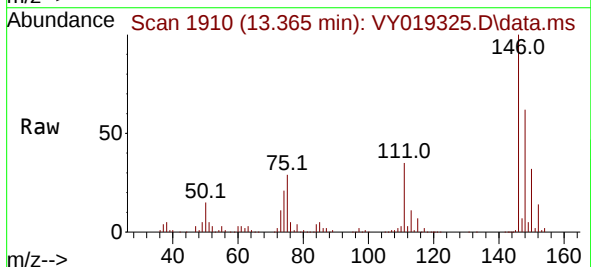
Tgt Ion:146 Resp: 116387

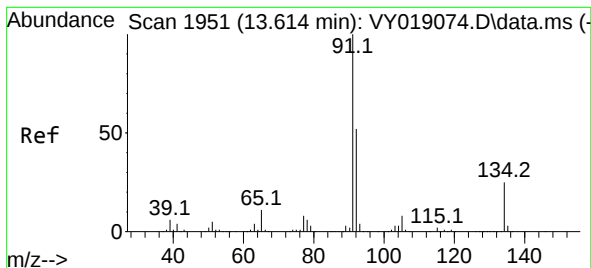
Ion Ratio Lower Upper

146 100

111 37.1 18.4 55.4

148 63.2 32.4 97.2





#89

n-Butylbenzene

Concen: 52.034 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019325.D

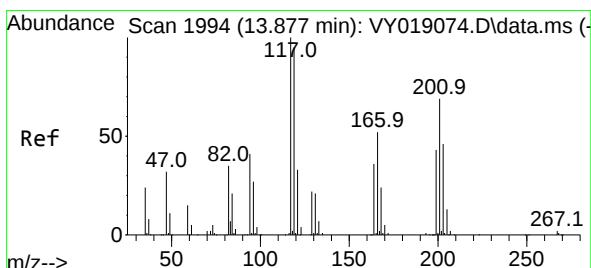
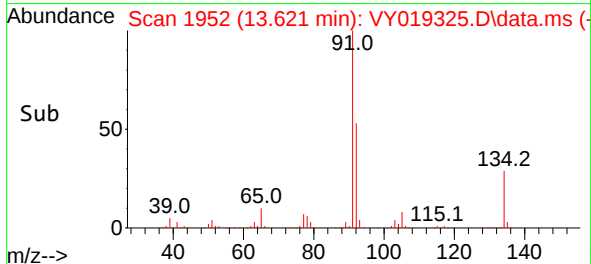
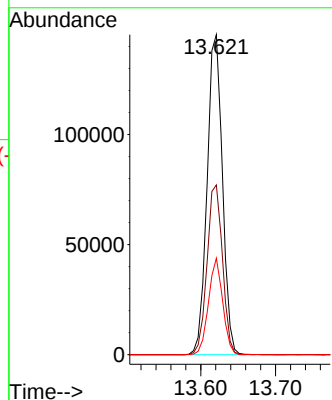
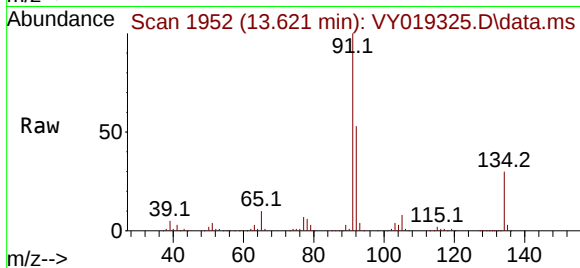
Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	206598
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.6	79.7
134	27.9	12.9	38.7



#90

Hexachloroethane

Concen: 51.360 ug/l

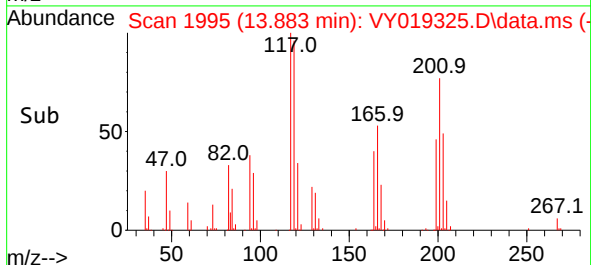
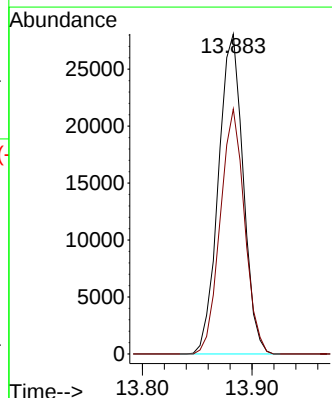
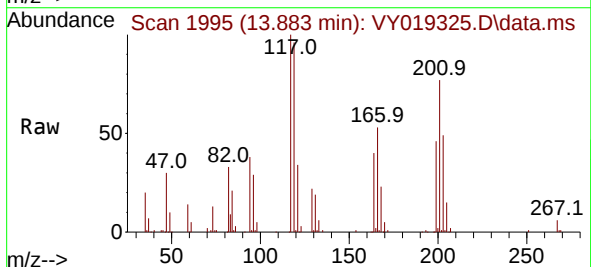
RT: 13.883 min Scan# 1995

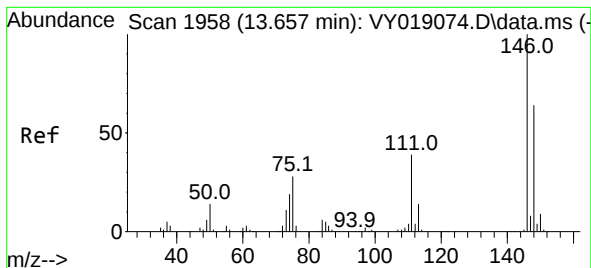
Delta R.T. 0.006 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Tgt Ion:	117	Resp:	44086
Ion	Ratio	Lower	Upper
117	100		
201	75.1	37.4	112.2

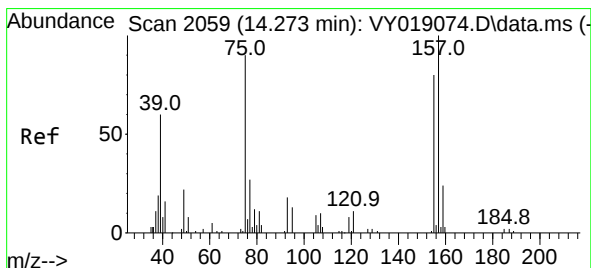
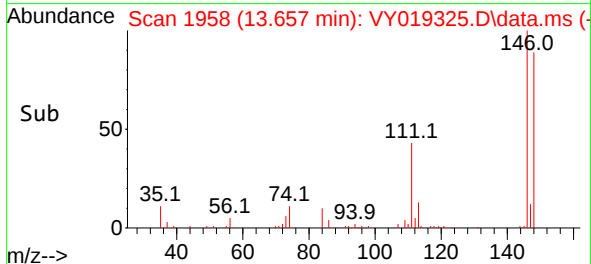
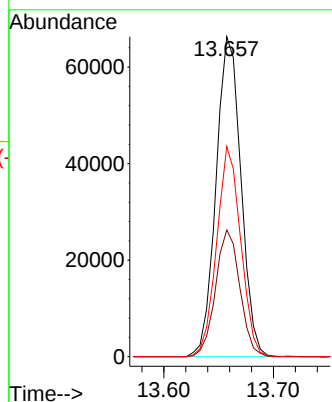
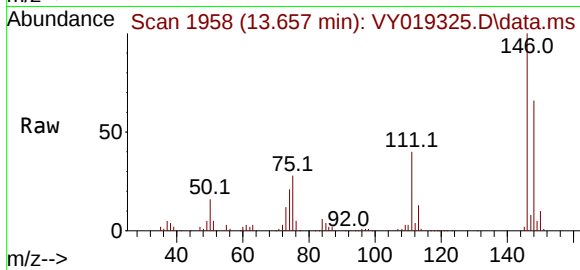




#91
1,2-Dichlorobenzene
Concen: 51.937 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

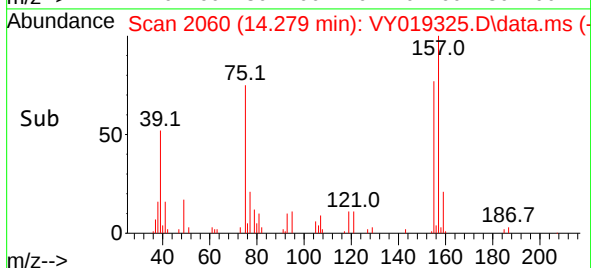
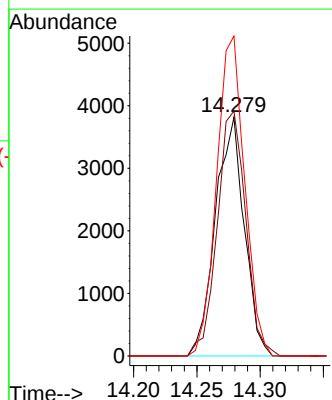
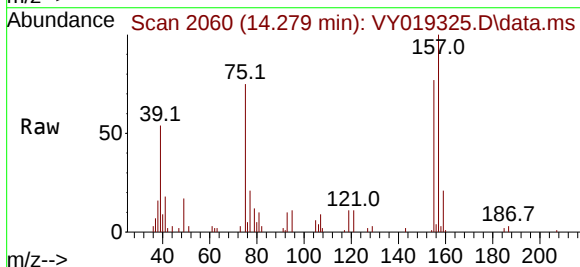
Instrument :
MSVOA_Y
ClientSampleId :

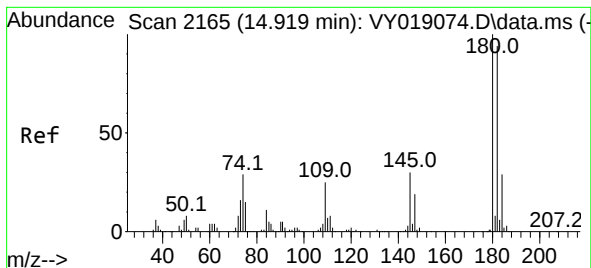
Tgt Ion:146 Resp: 104625
Ion Ratio Lower Upper
146 100
111 38.6 19.9 59.7
148 63.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.712 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY019325.D
Acq: 28 Aug 2024 12:38

Tgt Ion: 75 Resp: 6043
Ion Ratio Lower Upper
75 100
155 101.7 48.6 145.8
157 130.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 54.856 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

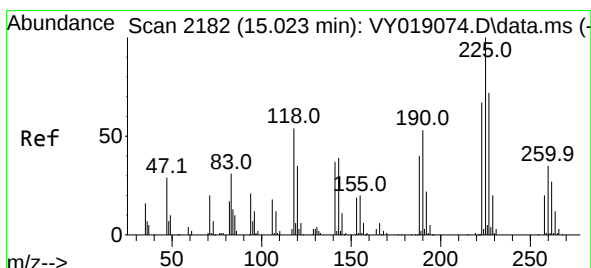
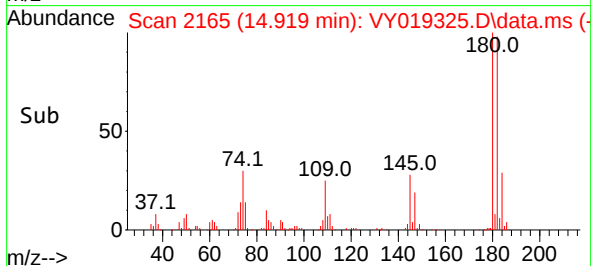
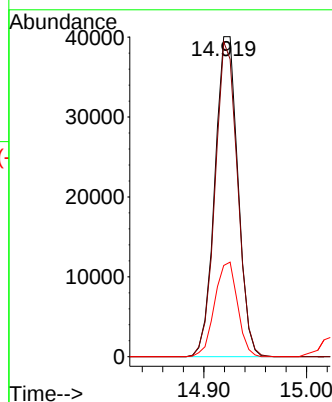
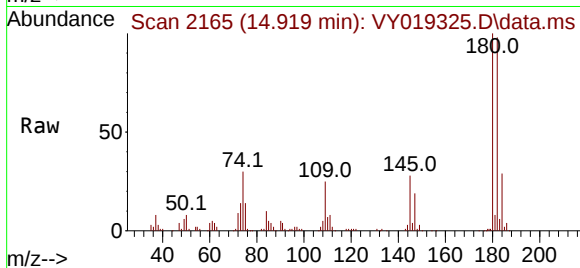
Tgt Ion:180 Resp: 62318

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.8

145 29.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 59.259 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

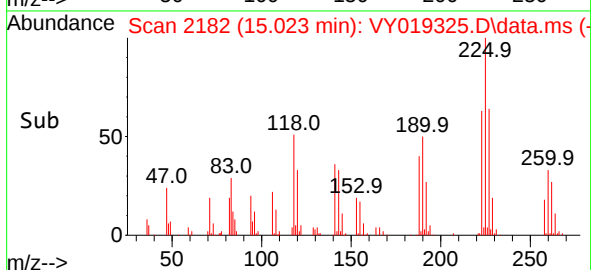
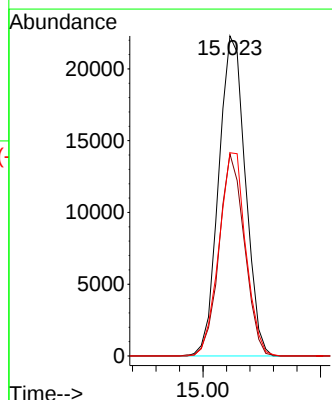
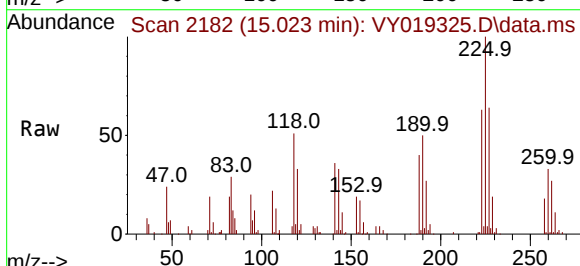
Tgt Ion:225 Resp: 35065

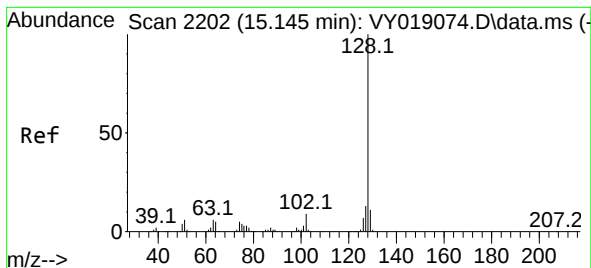
Ion Ratio Lower Upper

225 100

223 60.1 30.4 91.2

227 63.8 31.9 95.9





#95

Naphthalene

Concen: 56.218 ug/l

RT: 15.145 min Scan# 211

Delta R.T. 0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

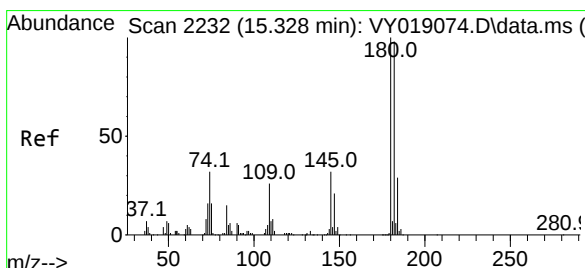
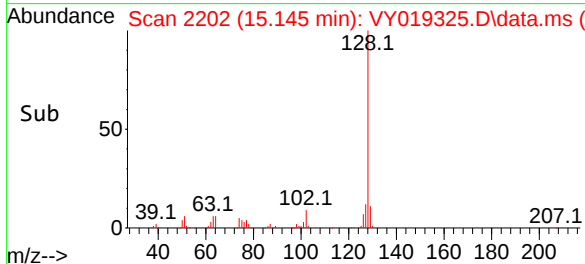
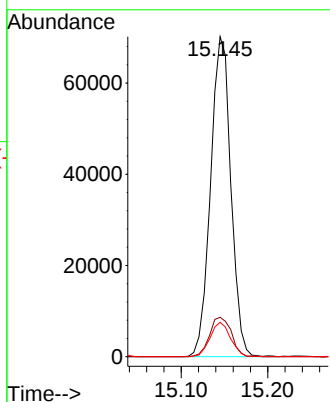
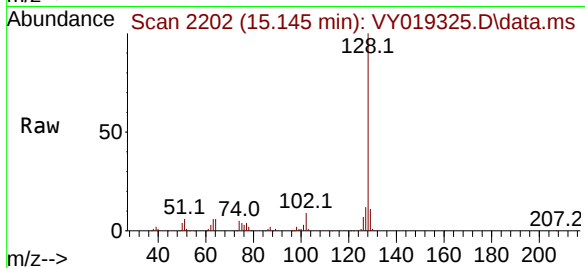
Tgt Ion:128 Resp: 113981

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 58.040 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019325.D

Acq: 28 Aug 2024 12:38

Tgt Ion:180 Resp: 55611

Ion Ratio Lower Upper

180 100

182 93.2 47.6 142.9

145 30.8 15.4 46.1

