

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019348.D
 Acq On : 28 Aug 2024 22:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 01:42:42 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	102514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	164427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	111135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	77833	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.055	65	57716	56.165	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.320%	
35) Dibromofluoromethane	7.622	113	56456	52.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.020%	
50) Toluene-d8	10.103	98	202968	52.460	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.920%	
62) 4-Bromofluorobenzene	12.408	95	57473	43.575	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.160%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.861	85	33495	44.534	ug/l	99
3) Chloromethane	2.062	50	61503	45.366	ug/l	97
4) Vinyl Chloride	2.196	62	69816	41.692	ug/l	100
5) Bromomethane	2.586	94	51419	50.328	ug/l	93
6) Chloroethane	2.727	64	46304	42.867	ug/l	96
7) Trichlorofluoromethane	3.037	101	89353	35.293	ug/l	98
8) Diethyl Ether	3.446	74	26172	47.892	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.806	101	49483	43.964	ug/l	98
10) Methyl Iodide	3.989	142	54813	49.684	ug/l	94
11) Tert butyl alcohol	4.842	59	18741	206.875	ug/l #	83
12) 1,1-Dichloroethene	3.781	96	46643	45.613	ug/l	94
13) Acrolein	3.641	56	9621	113.933	ug/l	92
14) Allyl chloride	4.366	41	70411	51.790	ug/l	91
15) Acrylonitrile	5.037	53	58876	263.305	ug/l	97
16) Acetone	3.854	43	46391	243.426	ug/l #	81
17) Carbon Disulfide	4.092	76	125973	43.677	ug/l	99
18) Methyl Acetate	4.379	43	32958	56.348	ug/l	91
19) Methyl tert-butyl Ether	5.098	73	129439	52.211	ug/l	96
20) Methylene Chloride	4.604	84	58581	49.366	ug/l	95
21) trans-1,2-Dichloroethene	5.098	96	54667	47.851	ug/l	91
22) Diisopropyl ether	6.000	45	169839	54.569	ug/l #	89
23) Vinyl Acetate	5.945	43	649899	263.746	ug/l	96
24) 1,1-Dichloroethane	5.903	63	98351	51.672	ug/l	100
25) 2-Butanone	6.878	43	76867	250.449	ug/l #	87
26) 2,2-Dichloropropane	6.872	77	72484	47.027	ug/l	98
27) cis-1,2-Dichloroethene	6.872	96	66895	49.756	ug/l	98
28) Bromochloromethane	7.232	49	42655	53.424	ug/l	93
29) Tetrahydrofuran	7.250	42	52679	267.008	ug/l	88
30) Chloroform	7.409	83	109584	51.668	ug/l	98
31) Cyclohexane	7.695	56	71381	48.426	ug/l	96
32) 1,1,1-Trichloroethane	7.610	97	96811	51.940	ug/l	97
36) 1,1-Dichloropropene	7.829	75	72655	49.213	ug/l	98
37) Ethyl Acetate	6.970	43	35965	54.985	ug/l	97
38) Carbon Tetrachloride	7.805	117	87072	50.892	ug/l	96
39) Methylcyclohexane	9.103	83	84997	44.864	ug/l	91
40) Benzene	8.073	78	228270	50.415	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	50812	142.328	ug/l #	37
42) 1,2-Dichloroethane	8.146	62	64435	52.699	ug/l	96
43) Isopropyl Acetate	8.189	43	69846	52.801	ug/l #	80
44) Trichloroethene	8.860	130	62142	49.186	ug/l	96
45) 1,2-Dichloropropane	9.134	63	51452	51.003	ug/l	98
46) Dibromomethane	9.225	93	32687	49.956	ug/l	99
47) Bromodichloromethane	9.414	83	84874	52.872	ug/l	99
48) Methyl methacrylate	9.213	41	32852	55.725	ug/l	85
49) 1,4-Dioxane	9.219	88	8520	1074.929	ug/l #	94
51) 4-Methyl-2-Pentanone	9.994	43	191444	272.674	ug/l	91
52) Toluene	10.170	92	151936	51.120	ug/l	95
53) t-1,3-Dichloropropene	10.390	75	70115	52.653	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	81019	50.590	ug/l #	86
55) 1,1,2-Trichloroethane	10.567	97	38973	46.269	ug/l	97
56) Ethyl methacrylate	10.439	69	58325	52.901	ug/l #	82
57) 1,3-Dichloropropane	10.713	76	60841	44.309	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	137876	263.608	ug/l	97
59) 2-Hexanone	10.762	43	102322	212.130	ug/l	93
60) Dibromochloromethane	10.908	129	52868	46.082	ug/l	97
61) 1,2-Dibromoethane	11.012	107	36290	44.575	ug/l	97
64) Tetrachloroethene	10.646	164	58085	59.795	ug/l	98
65) Chlorobenzene	11.438	112	129794	50.720	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	49068	54.525	ug/l	99
67) Ethyl Benzene	11.518	91	240238	54.088	ug/l	97
68) m/p-Xylenes	11.627	106	198066	112.385	ug/l	98
69) o-Xylene	11.957	106	88185	54.033	ug/l	96
70) Styrene	11.969	104	151178	54.320	ug/l	98
71) Bromoform	12.133	173	25345	49.268	ug/l #	95
73) Isopropylbenzene	12.255	105	219263	36.755	ug/l	98
74) N-amyl acetate	12.072	43	50290	38.660	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	37231	35.056	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	47047	61.293	ug/l #	100
77) Bromobenzene	12.530	156	48307	33.718	ug/l	98
78) n-propylbenzene	12.597	91	256694	35.995	ug/l	100
79) 2-Chlorotoluene	12.682	91	145387	36.364	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	182065	37.463	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	10965	35.280	ug/l	90
82) 4-Chlorotoluene	12.780	91	171368	41.198	ug/l	99
83) tert-Butylbenzene	12.999	119	221300	49.310	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	248189	51.241	ug/l	98
85) sec-Butylbenzene	13.176	105	320429	48.994	ug/l	98
86) p-Isopropyltoluene	13.292	119	272792	50.780	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	140282	49.650	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	138083	49.165	ug/l	99
89) n-Butylbenzene	13.621	91	240939	49.194	ug/l	99
90) Hexachloroethane	13.877	117	52700	49.771	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	123496	49.697	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7772	49.745	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	68034	48.548	ug/l	98
94) Hexachlorobutadiene	15.023	225	38468	52.701	ug/l	97
95) Naphthalene	15.145	128	122014	48.786	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	58667	49.636	ug/l	99

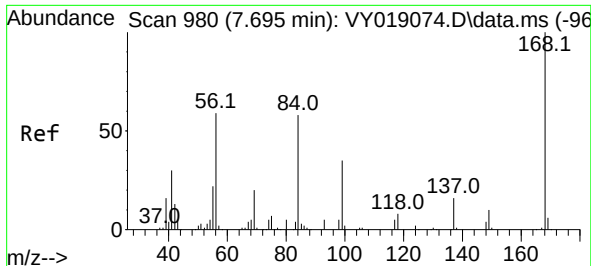
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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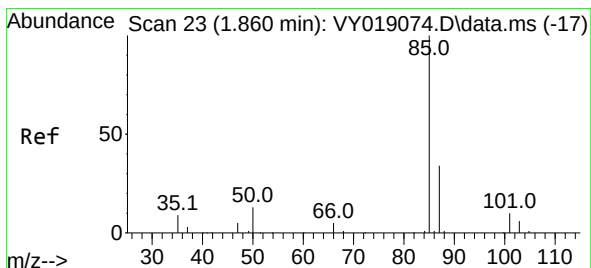
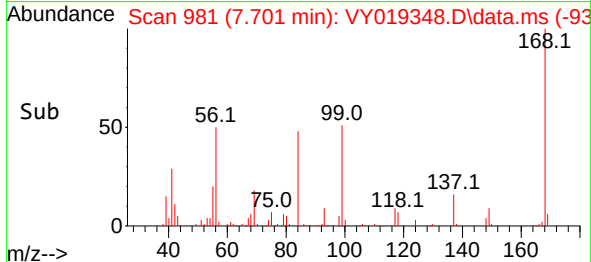
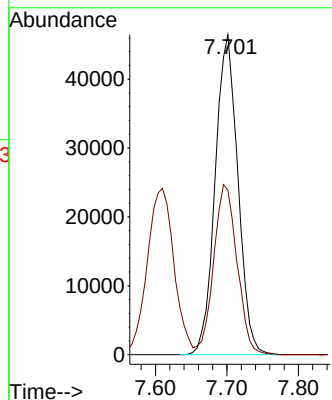
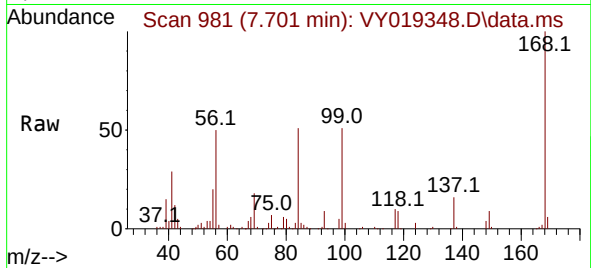
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019348.D
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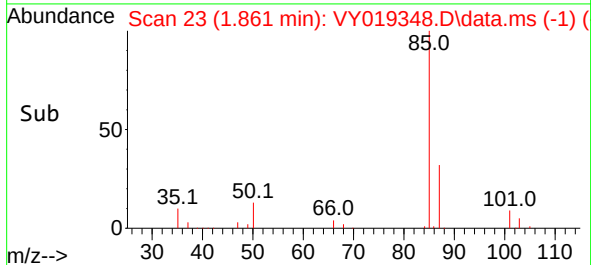
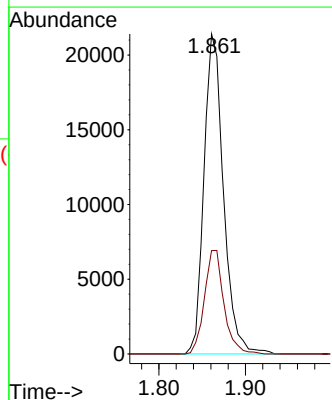
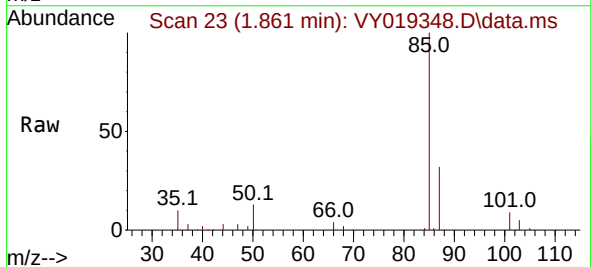
Instrument :
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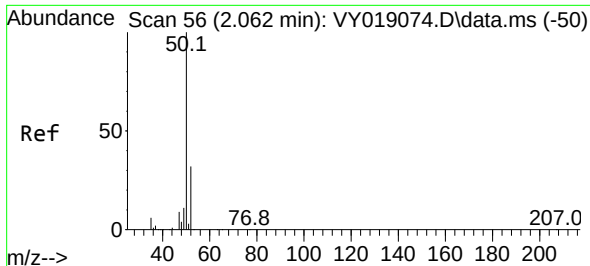
Tgt Ion:168 Resp: 102514
Ion Ratio Lower Upper
168 100
99 51.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 44.534 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion: 85 Resp: 33495
Ion Ratio Lower Upper
85 100
87 32.3 16.0 48.0

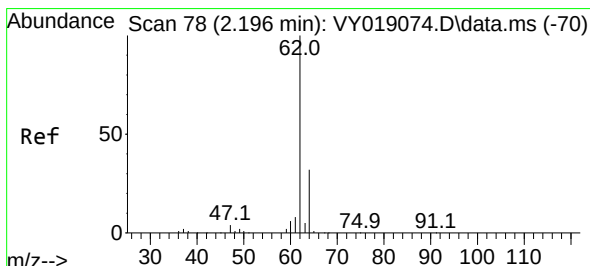
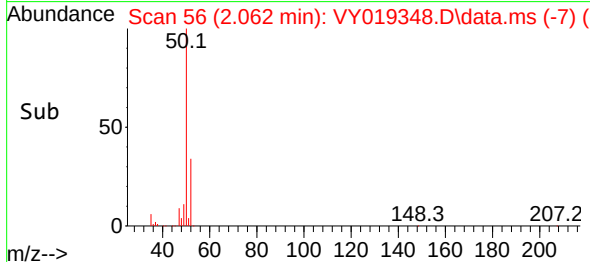
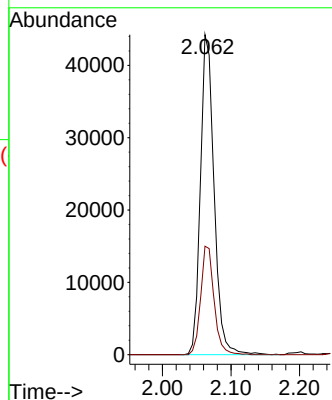
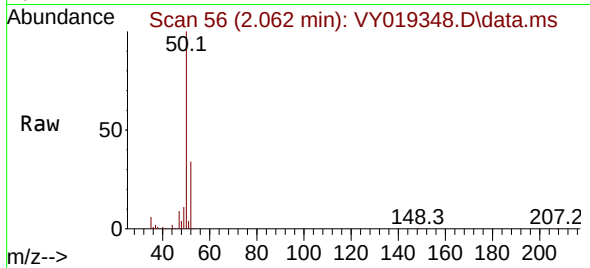




#3
Chloromethane
Concen: 45.366 ug/l
RT: 2.062 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

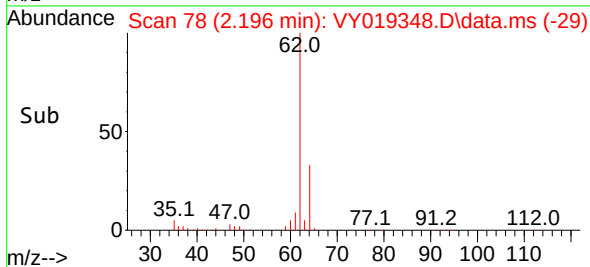
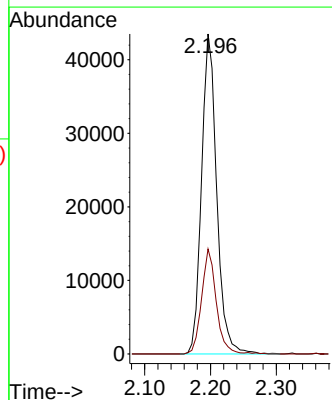
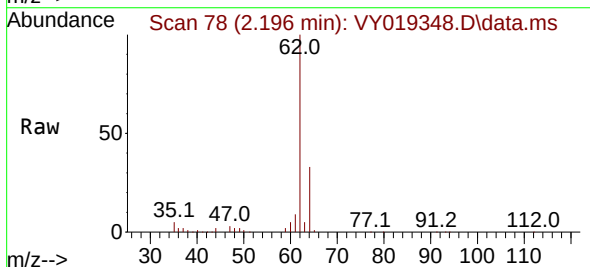
Instrument :
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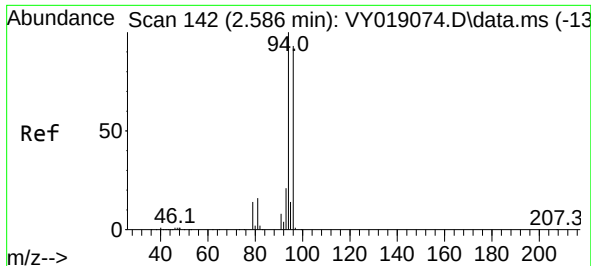
Tgt Ion: 50 Resp: 61503
Ion Ratio Lower Upper
50 100
52 33.9 25.6 38.4



#4
Vinyl Chloride
Concen: 41.692 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion: 62 Resp: 69816
Ion Ratio Lower Upper
62 100
64 32.8 26.1 39.1

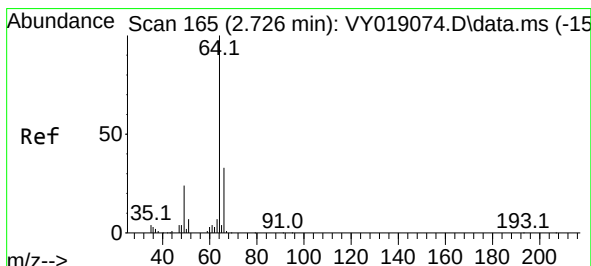
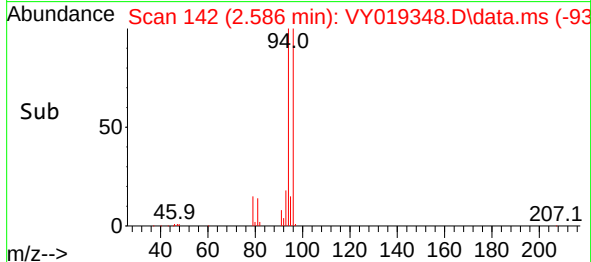
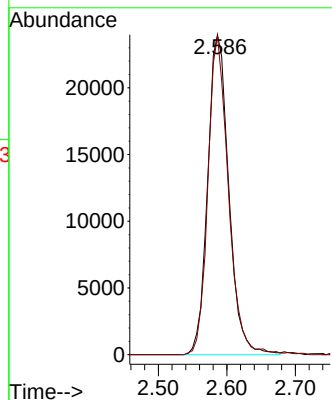
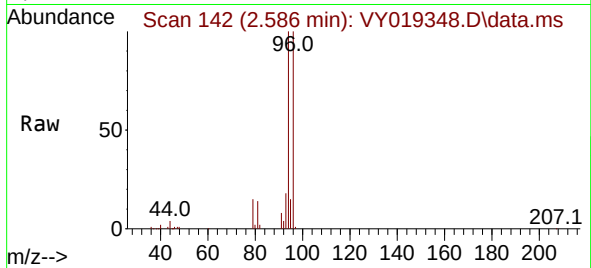




#5
Bromomethane
Concen: 50.328 ug/l
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

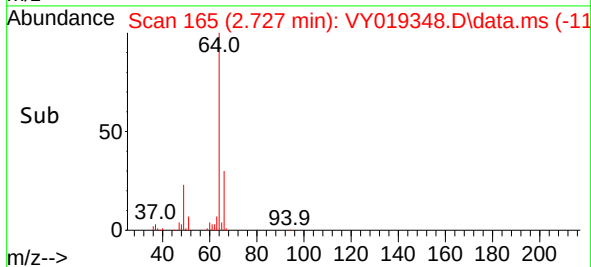
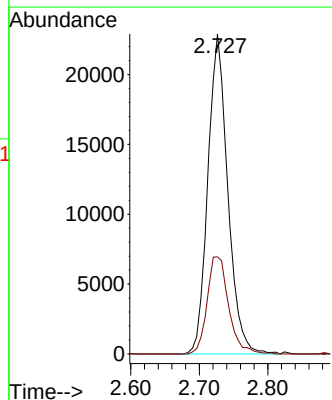
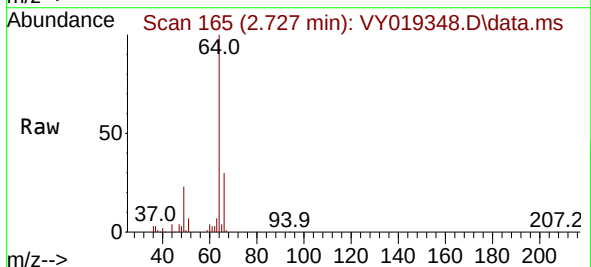
Instrument :
MSVOA_Y
ClientSampleId :

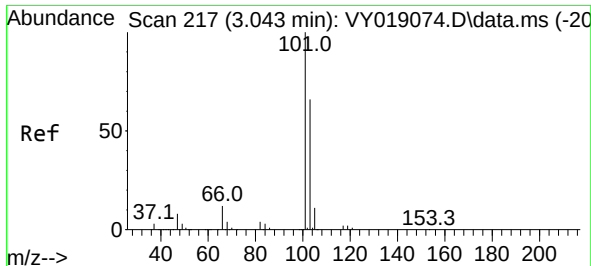
Tgt Ion: 94 Resp: 51419
Ion Ratio Lower Upper
94 100
96 99.6 74.1 111.1



#6
Chloroethane
Concen: 42.867 ug/l
RT: 2.727 min Scan# 165
Delta R.T. 0.001 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion: 64 Resp: 46304
Ion Ratio Lower Upper
64 100
66 30.4 26.1 39.1

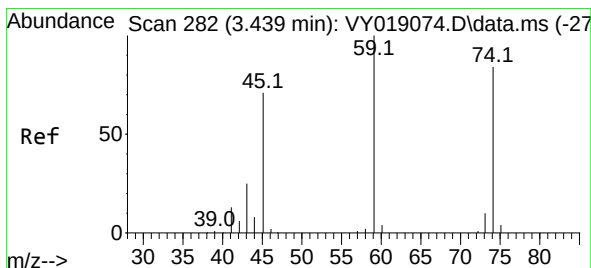
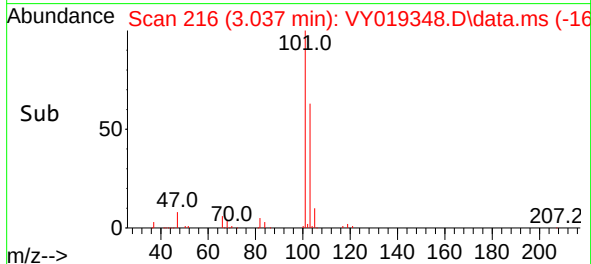
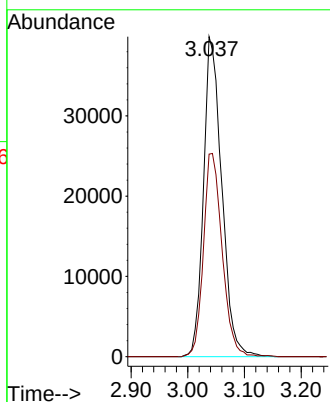
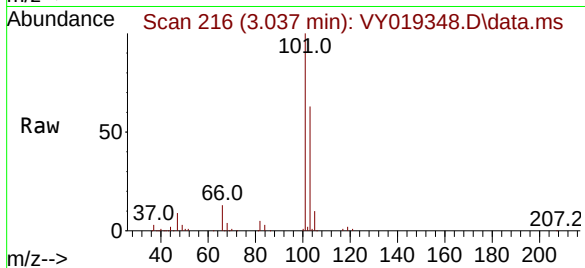




#7
 Trichlorofluoromethane
 Concen: 35.293 ug/l
 RT: 3.037 min Scan# 216
 Delta R.T. -0.006 min
 Lab File: VY019348.D
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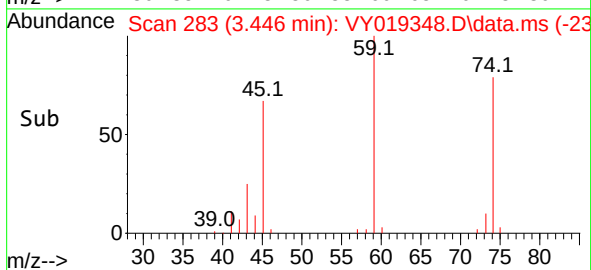
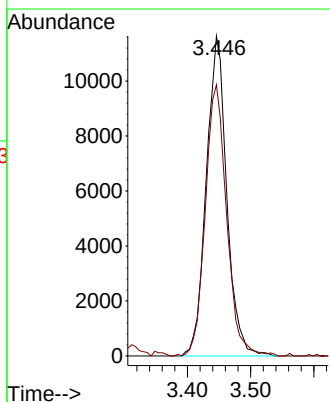
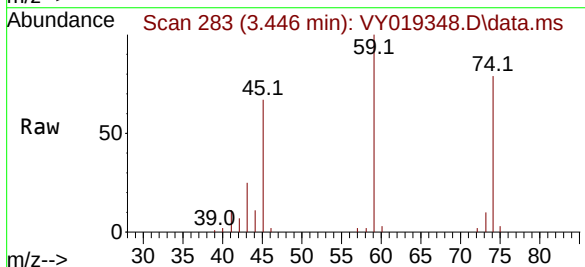
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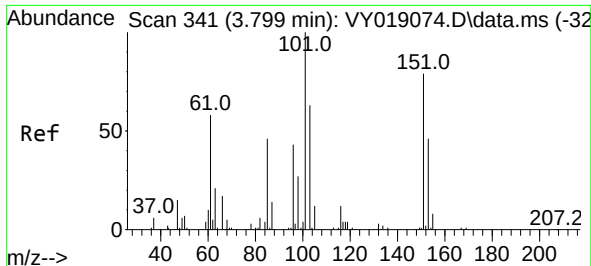
Tgt Ion:101 Resp: 89353
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 47.892 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019348.D
 Acq: 28 Aug 2024 22:40

Tgt Ion: 74 Resp: 26172
 Ion Ratio Lower Upper
 74 100
 45 88.5 41.3 124.1

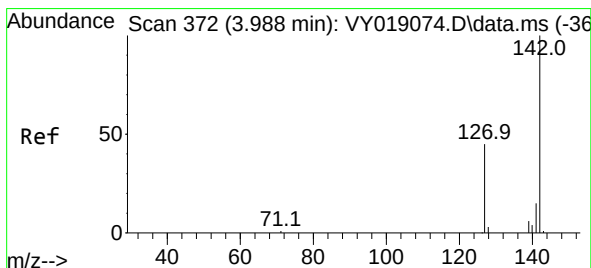
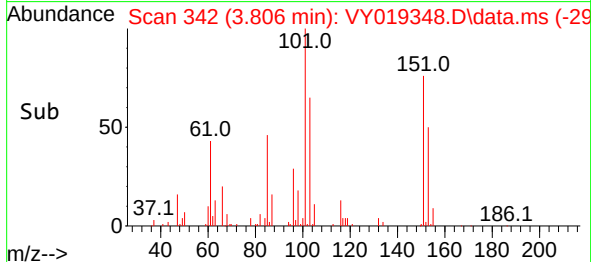
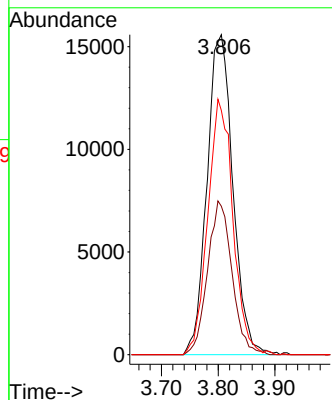
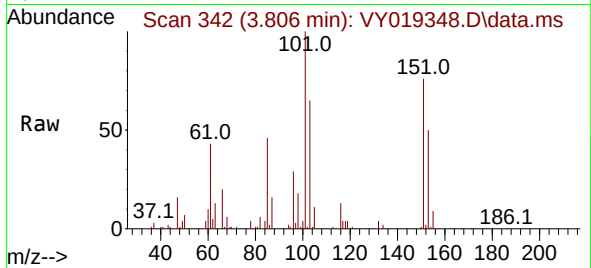




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.964 ug/l
RT: 3.806 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019348.D
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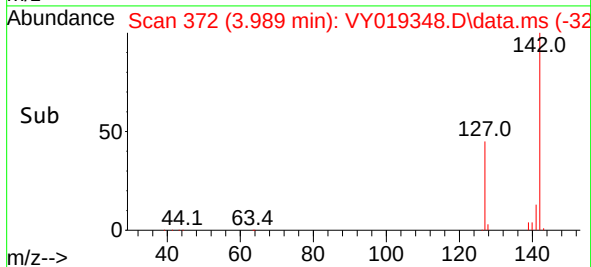
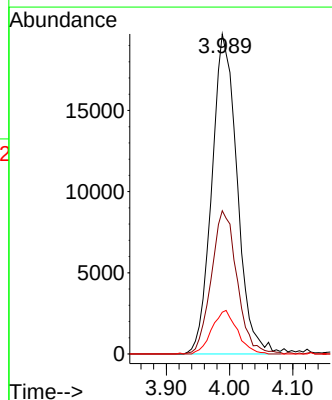
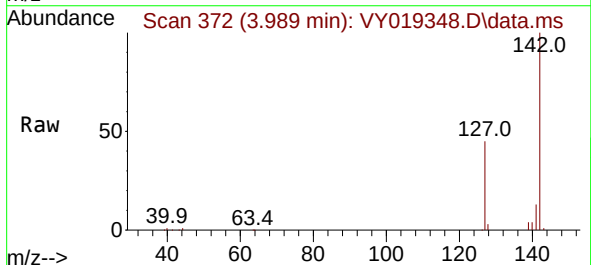
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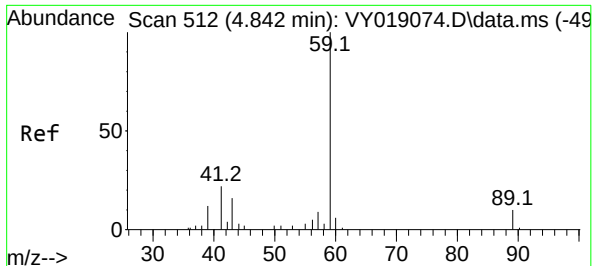
Tgt Ion:101 Resp: 49483
Ion Ratio Lower Upper
101 100
85 45.3 34.5 51.7
151 77.5 61.7 92.5



#10
Methyl Iodide
Concen: 49.684 ug/l
RT: 3.989 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

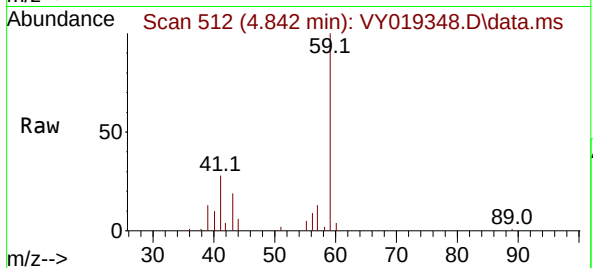
Tgt Ion:142 Resp: 54813
Ion Ratio Lower Upper
142 100
127 45.4 32.8 49.2
141 13.7 11.4 17.2



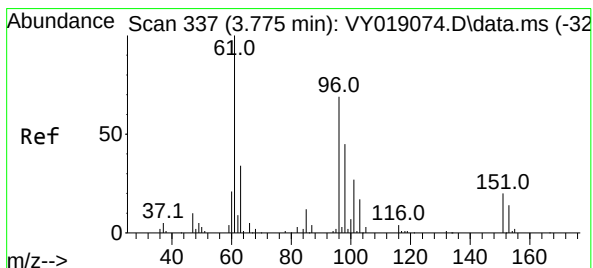
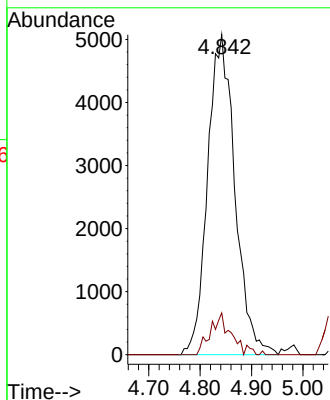
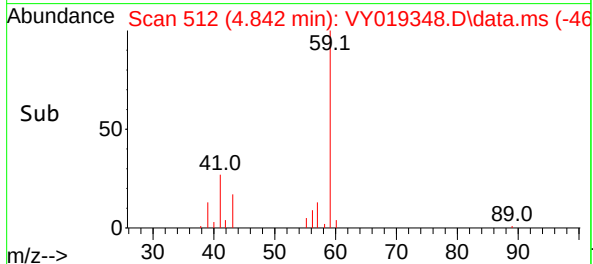


#11
Tert butyl alcohol
Concen: 206.875 ug/l
RT: 4.842 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

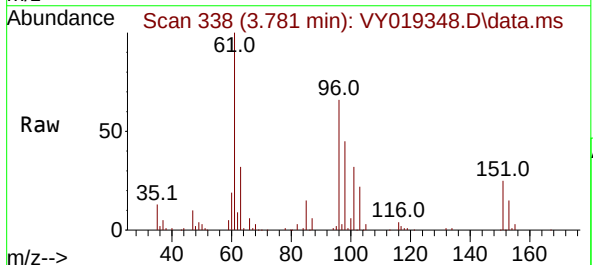
Instrument :
MSVOA_Y
ClientSampleId :



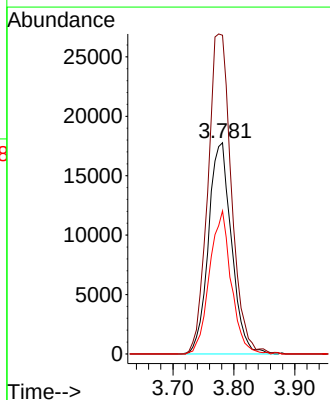
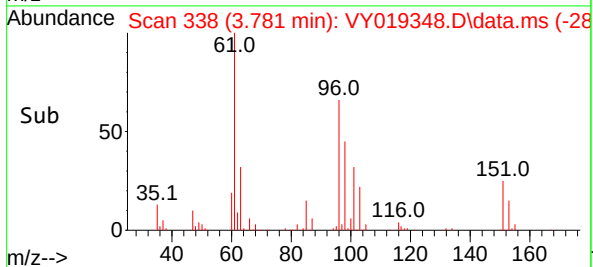
Tgt Ion: 59 Resp: 18741
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.6#

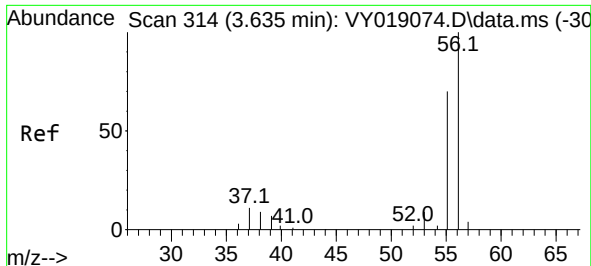


#12
1,1-Dichloroethene
Concen: 45.613 ug/l
RT: 3.781 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40



Tgt Ion: 96 Resp: 46643
Ion Ratio Lower Upper
96 100
61 151.0 114.6 171.8
98 67.7 50.8 76.2





#13

Acrolein

Concen: 113.933 ug/l

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

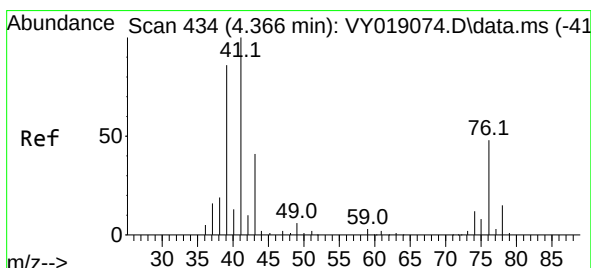
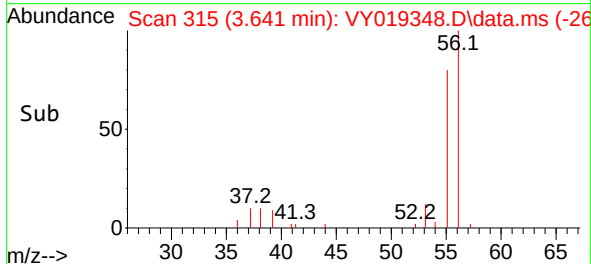
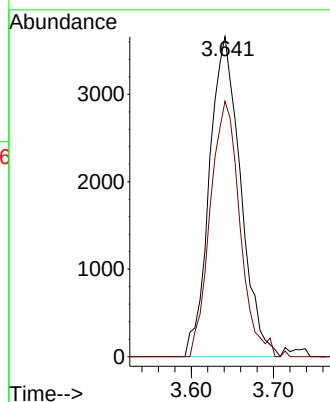
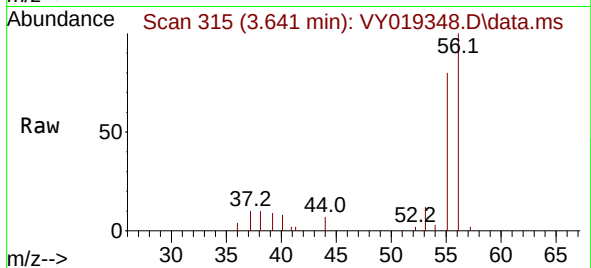
ClientSampleId :

Tgt Ion: 56 Resp: 9621

Ion Ratio Lower Upper

56 100

55 76.0 55.7 83.5



#14

Allyl chloride

Concen: 51.790 ug/l

RT: 4.366 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

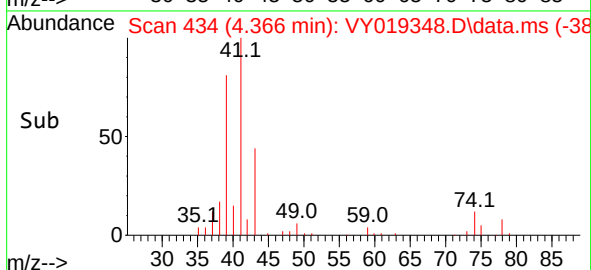
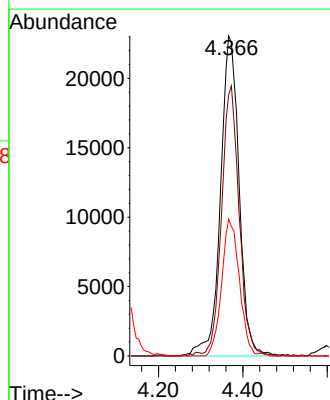
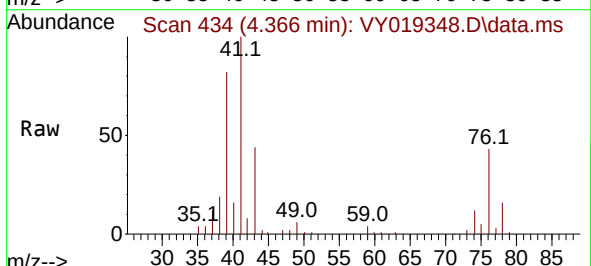
Tgt Ion: 41 Resp: 70411

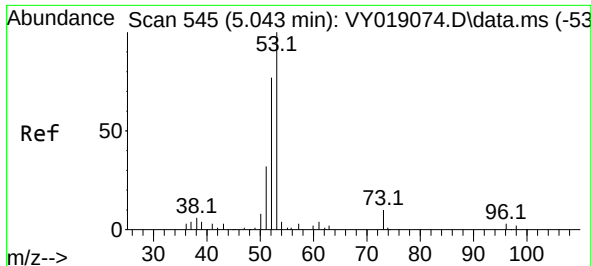
Ion Ratio Lower Upper

41 100

39 79.4 58.3 87.5

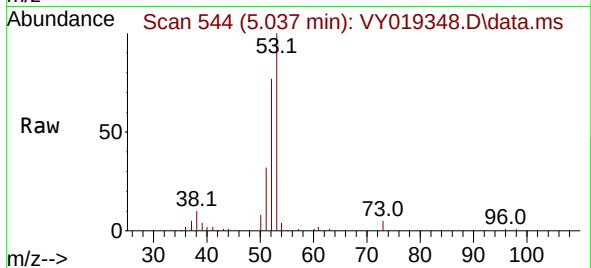
76 40.6 39.0 58.6



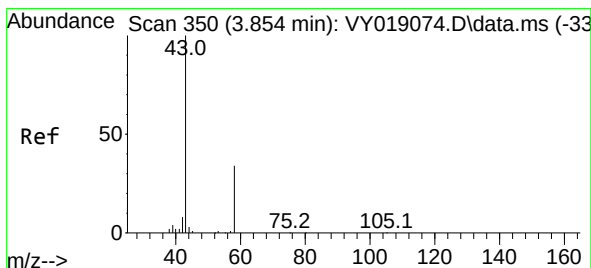
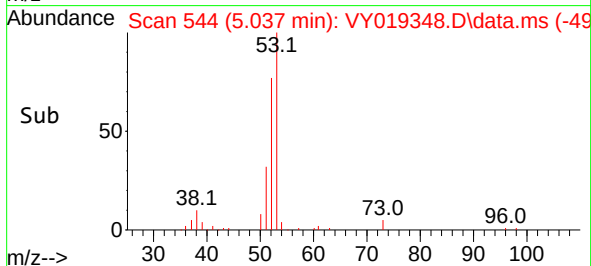
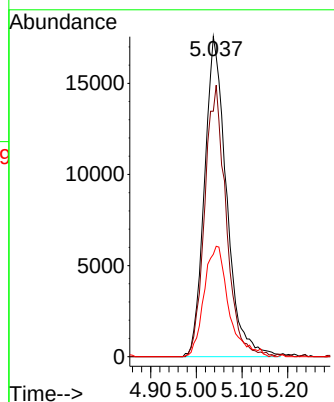


#15
Acrylonitrile
Concen: 263.305 ug/l
RT: 5.037 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Instrument :
MSVOA_Y
ClientSampleId :

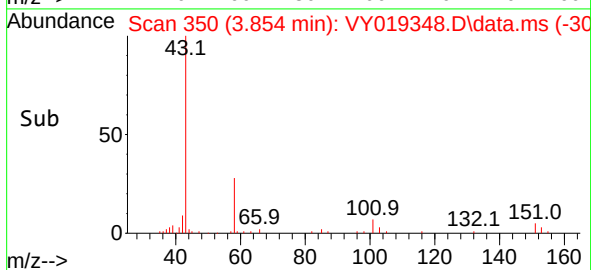
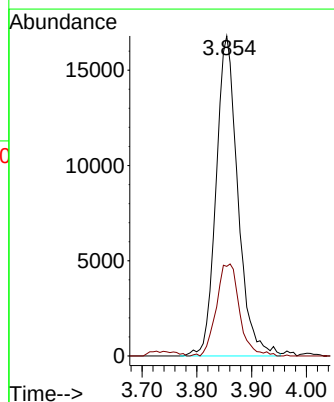
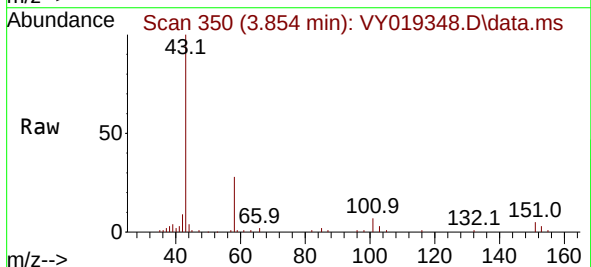


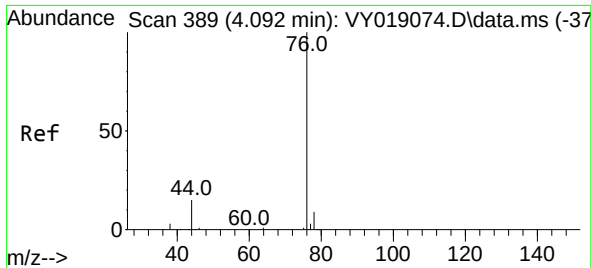
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.2	64.7	97.1
51	38.6	28.4	42.6



#16
Acetone
Concen: 243.426 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.0	31.7	47.5

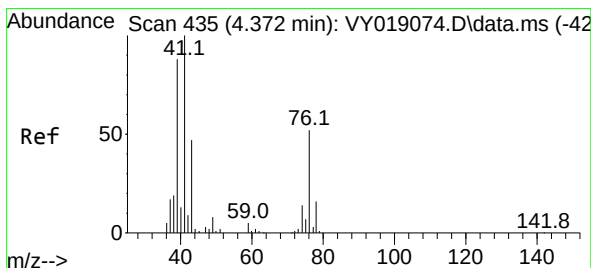
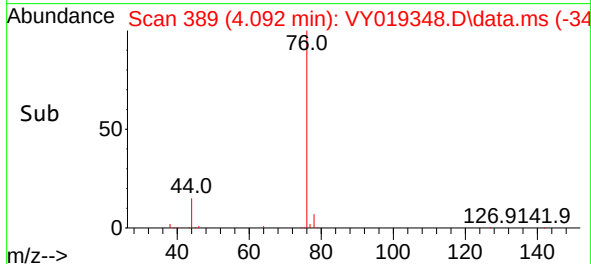
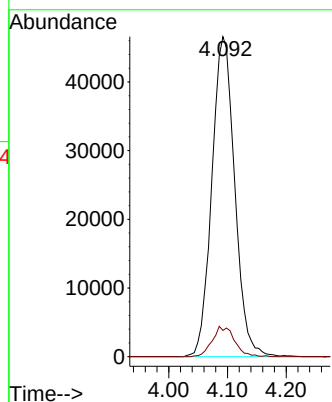
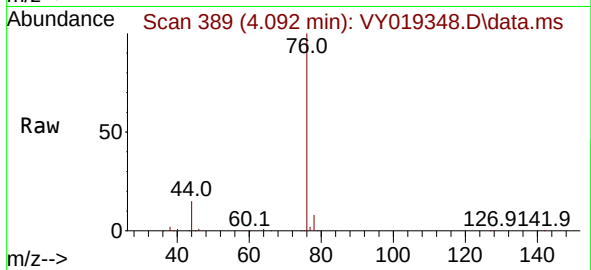




#17
Carbon Disulfide
Concen: 43.677 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

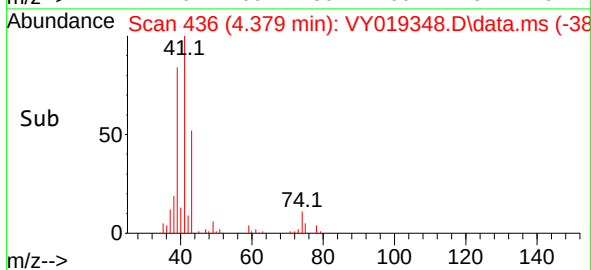
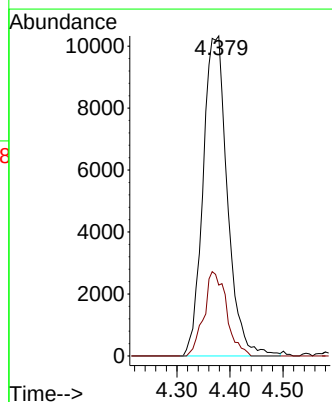
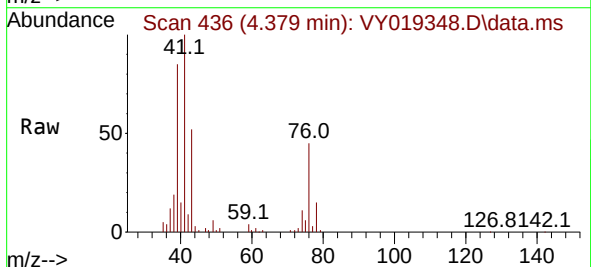
Instrument :
MSVOA_Y
ClientSampleId :

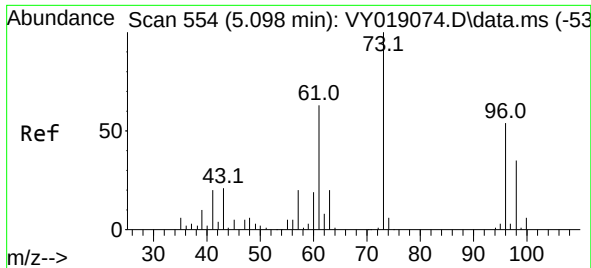
Tgt Ion: 76 Resp: 125973
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#18
Methyl Acetate
Concen: 56.348 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion: 43 Resp: 32958
Ion Ratio Lower Upper
43 100
74 24.5 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 52.211 ug/l

RT: 5.098 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

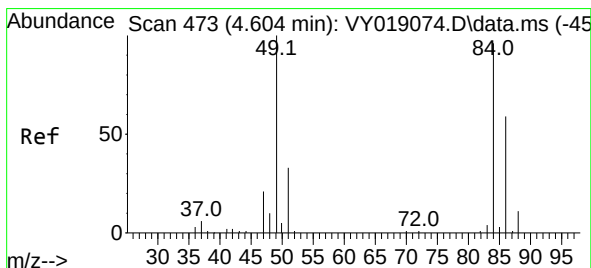
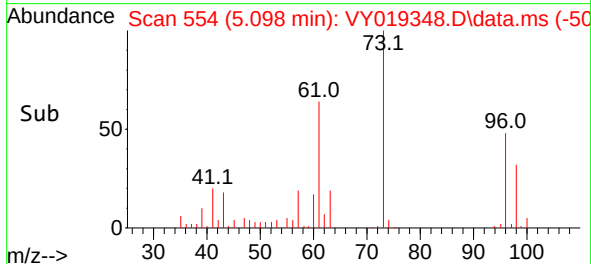
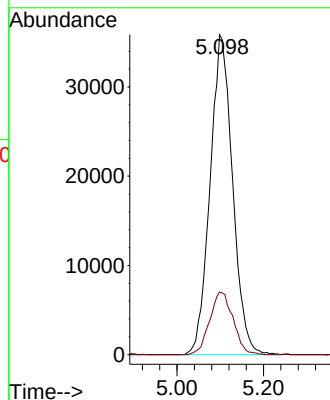
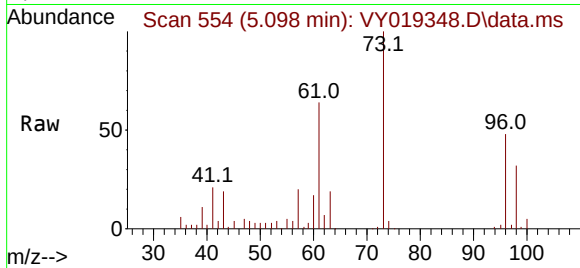
ClientSampleId :

Tgt Ion: 73 Resp: 129439

Ion Ratio Lower Upper

73 100

57 19.6 17.3 25.9



#20

Methylene Chloride

Concen: 49.366 ug/l

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Tgt Ion: 84 Resp: 58581

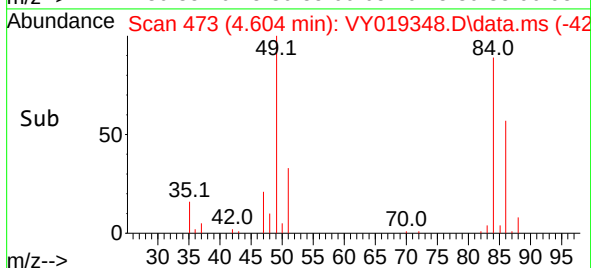
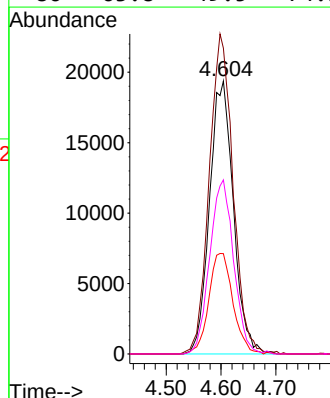
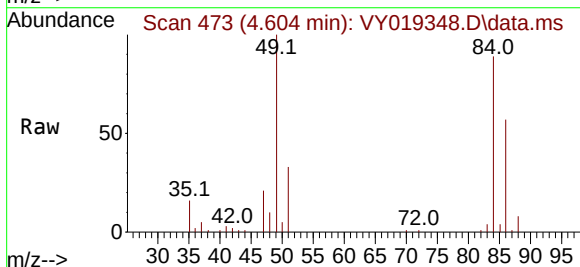
Ion Ratio Lower Upper

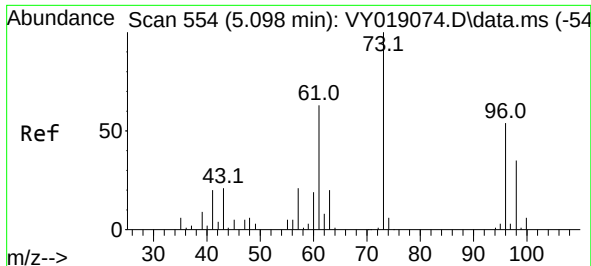
84 100

49 112.1 84.4 126.6

51 36.8 26.0 39.0

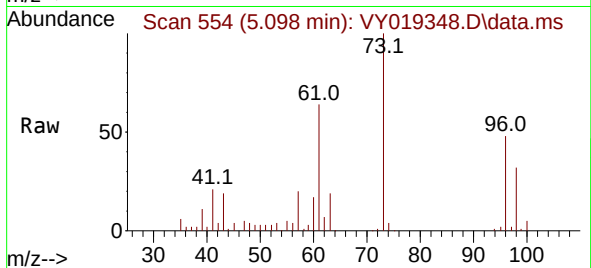
86 63.8 49.5 74.3



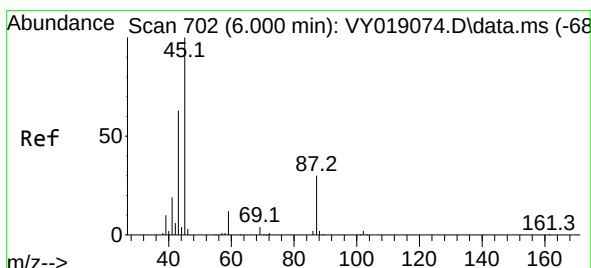
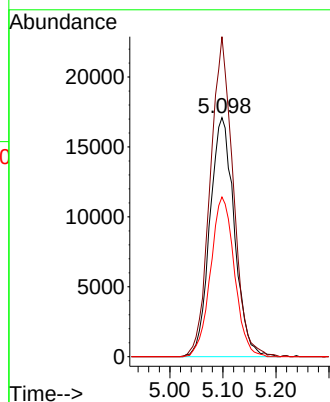
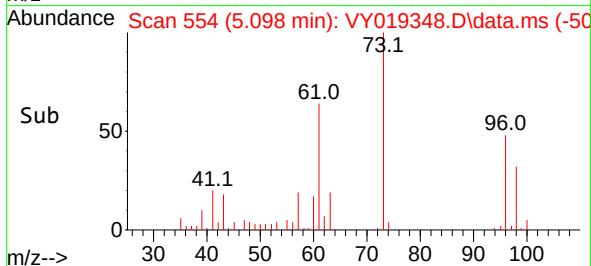


#21
trans-1,2-Dichloroethene
Concen: 47.851 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Instrument :
MSVOA_Y
ClientSampleId :

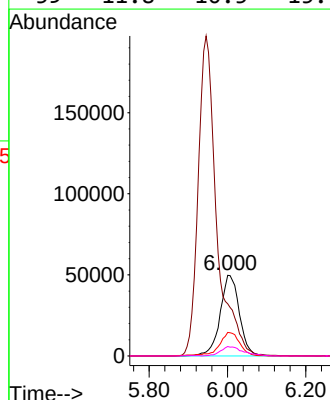
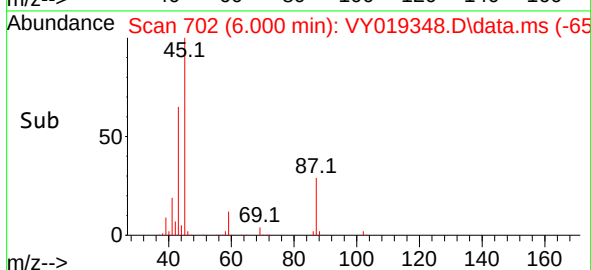
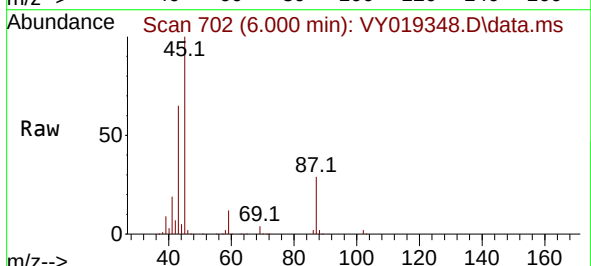


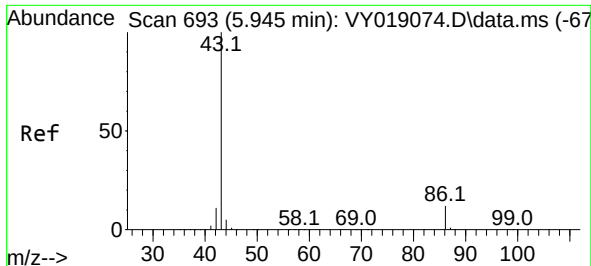
Tgt Ion: 96 Resp: 54667
Ion Ratio Lower Upper
96 100
61 133.9 97.5 146.3
98 66.8 50.5 75.7



#22
Diisopropyl ether
Concen: 54.569 ug/l
RT: 6.000 min Scan# 702
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion: 45 Resp: 169839
Ion Ratio Lower Upper
45 100
43 64.3 42.2 63.2#
87 29.1 25.0 37.6
59 11.8 10.5 15.7

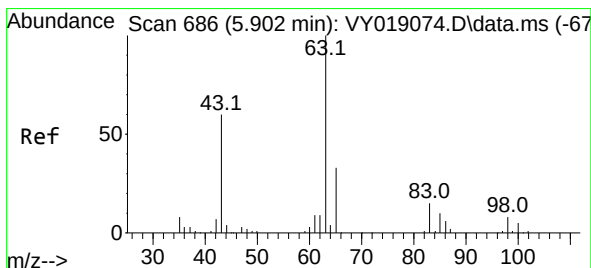
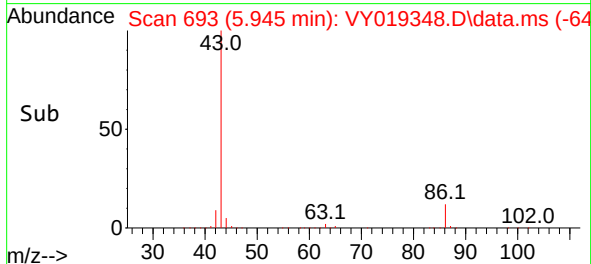
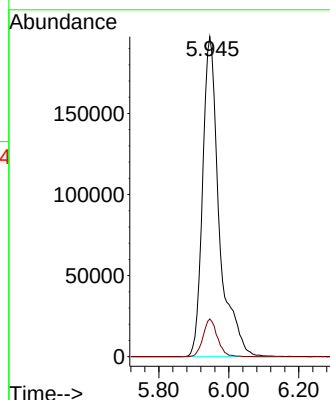
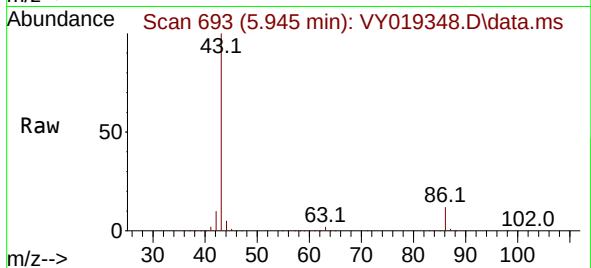




#23
 Vinyl Acetate
 Concen: 263.746 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019348.D
 Acq: 28 Aug 2024 22:40

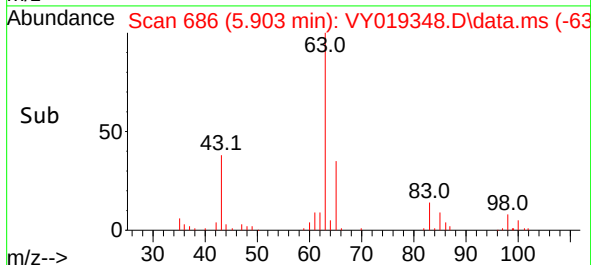
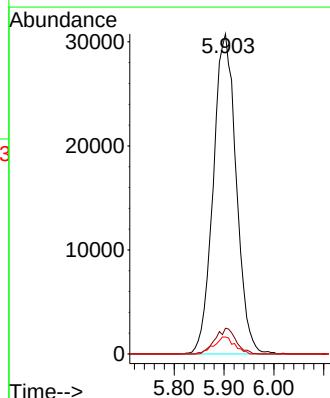
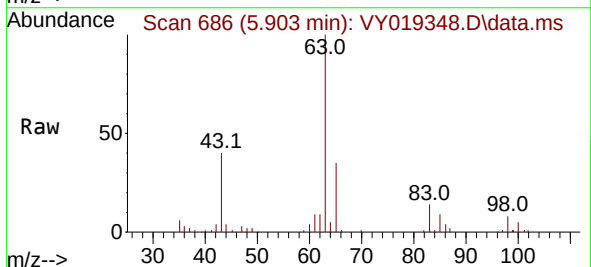
Instrument :
 MSVOA_Y
 ClientSampleId :

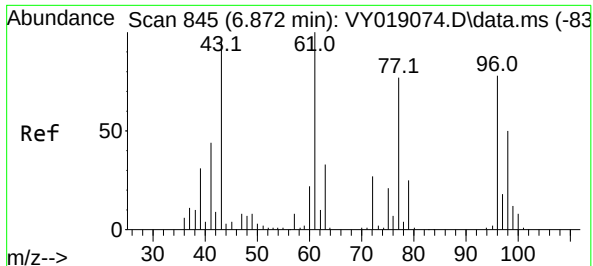
Tgt Ion: 43 Resp: 649899
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 51.672 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019348.D
 Acq: 28 Aug 2024 22:40

Tgt Ion: 63 Resp: 98351
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.2
 100 5.3 2.6 8.0





#25

2-Butanone

Concen: 250.449 ug/l

RT: 6.878 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

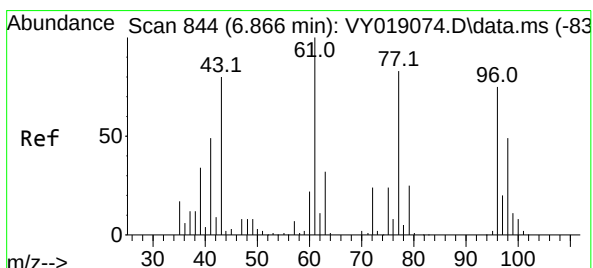
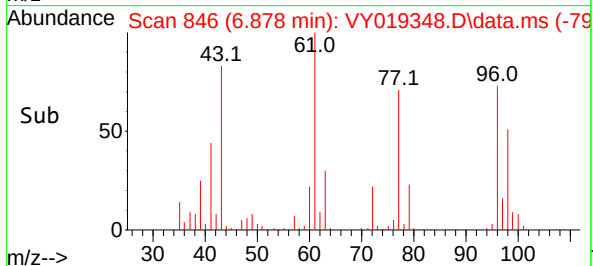
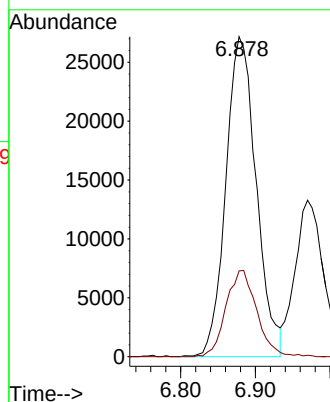
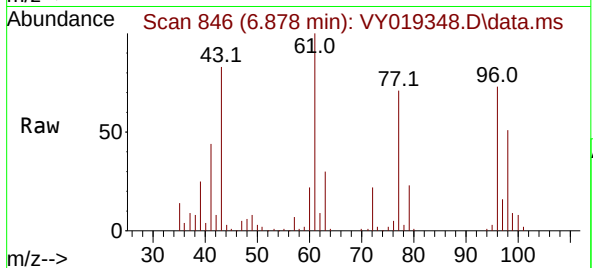
ClientSampleId :

Tgt Ion: 43 Resp: 76867

Ion Ratio Lower Upper

43 100

72 26.8 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 47.027 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019348.D

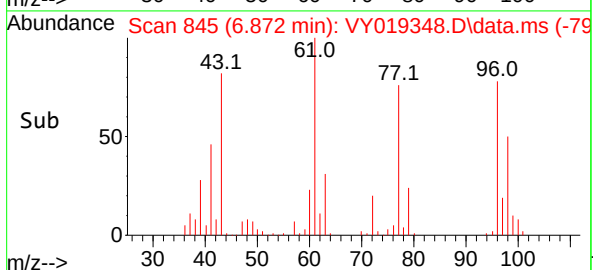
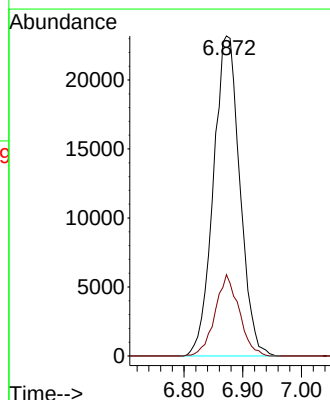
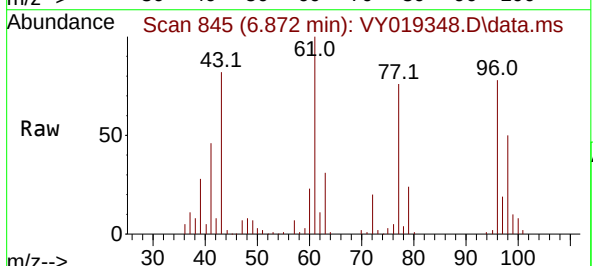
Acq: 28 Aug 2024 22:40

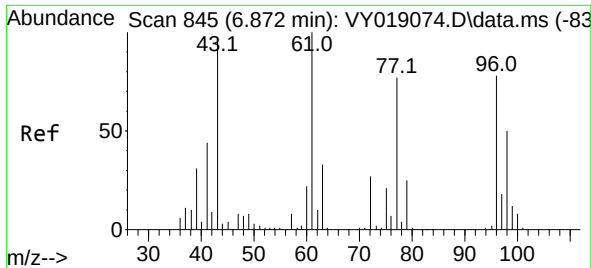
Tgt Ion: 77 Resp: 72484

Ion Ratio Lower Upper

77 100

97 23.1 12.0 36.1

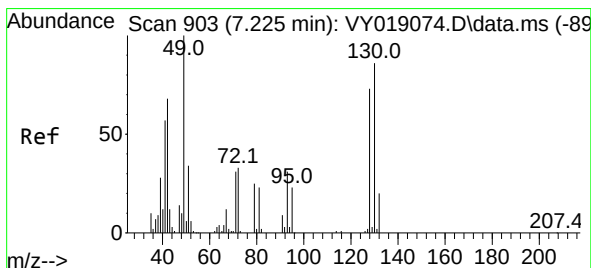
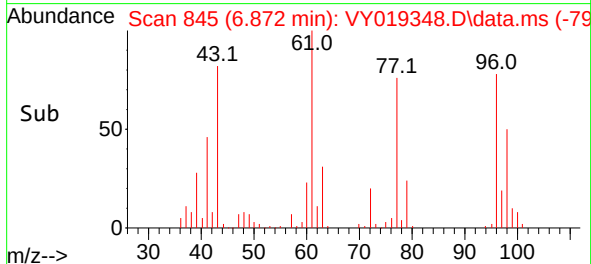
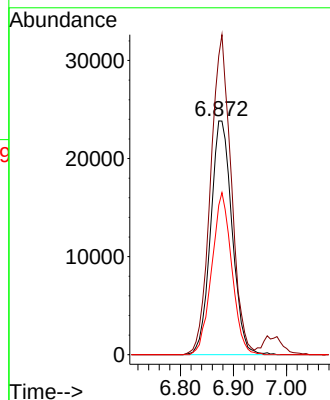
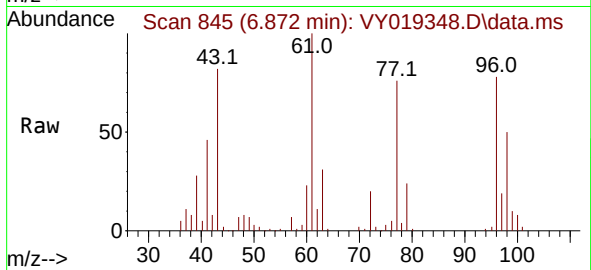




#27
 cis-1,2-Dichloroethene
 Concen: 49.756 ug/l
 RT: 6.872 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: VY019348.D
 Acq: 28 Aug 2024 22:40

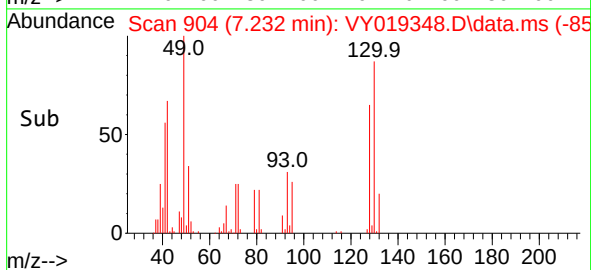
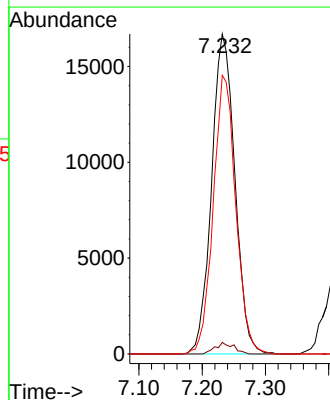
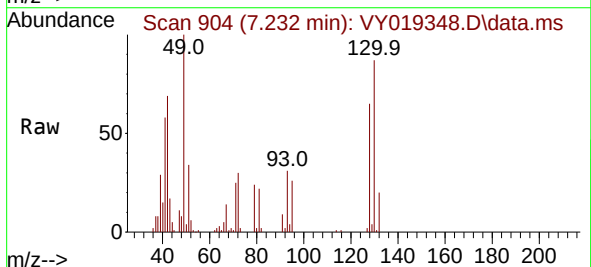
Instrument :
 MSVOA_Y
 ClientSampleId :

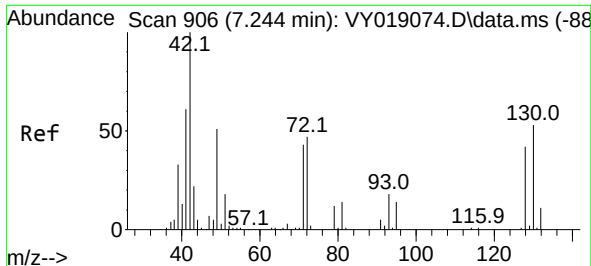
Tgt Ion:	96	Resp:	66895
Ion	Ratio	Lower	Upper
96	100		
61	131.4	0.0	256.2
98	64.9	0.0	130.0



#28
 Bromochloromethane
 Concen: 53.424 ug/l
 RT: 7.232 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY019348.D
 Acq: 28 Aug 2024 22:40

Tgt Ion:	49	Resp:	42655
Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.6
130	84.1	72.7	109.1





#29

Tetrahydrofuran

Concen: 267.008 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

ClientSampleId :

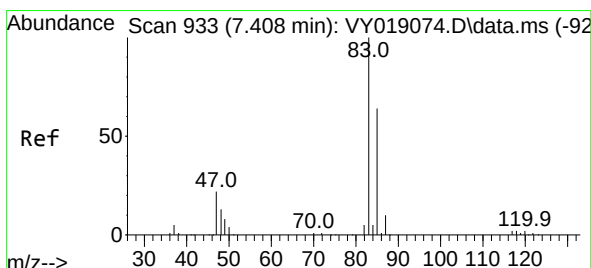
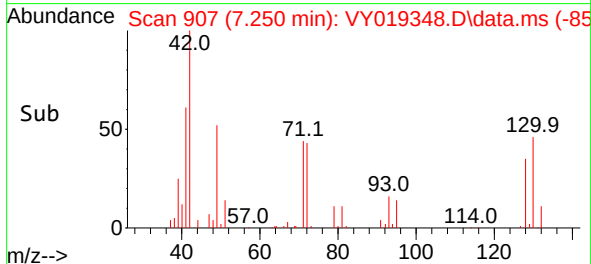
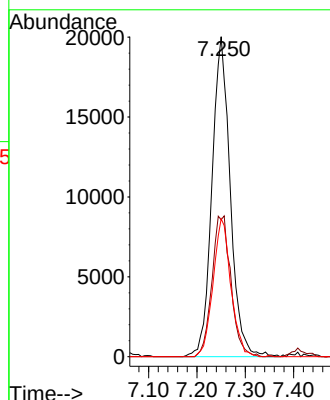
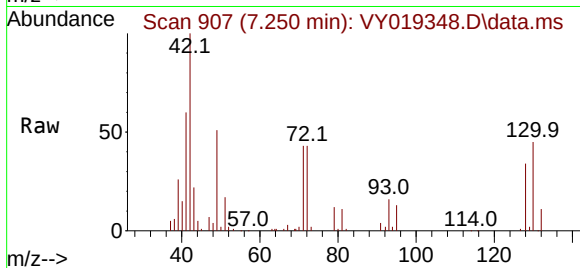
Tgt Ion: 42 Resp: 52679

Ion Ratio Lower Upper

42 100

72 45.5 43.0 64.4

71 42.2 40.8 61.2



#30

Chloroform

Concen: 51.668 ug/l

RT: 7.409 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019348.D

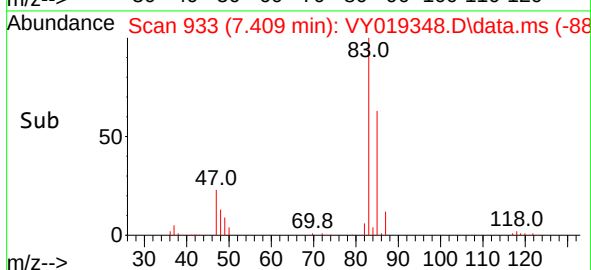
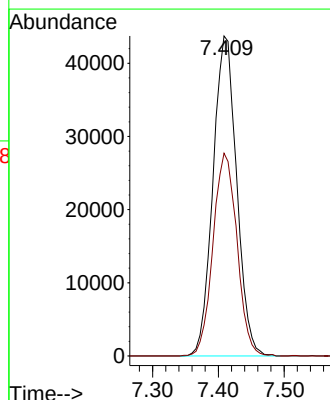
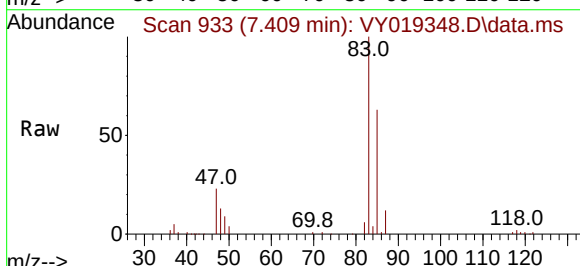
Acq: 28 Aug 2024 22:40

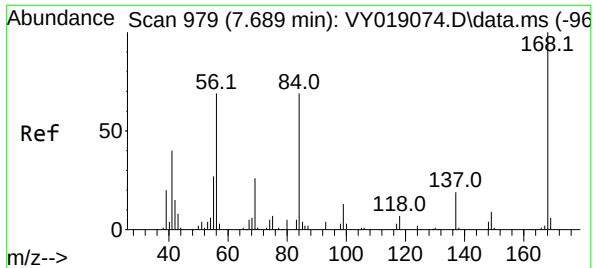
Tgt Ion: 83 Resp: 109584

Ion Ratio Lower Upper

83 100

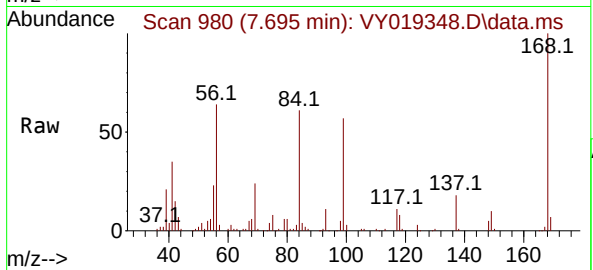
85 63.3 52.2 78.4



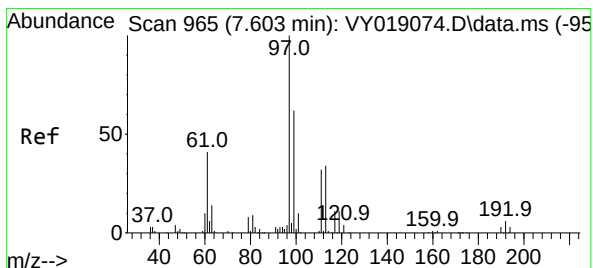
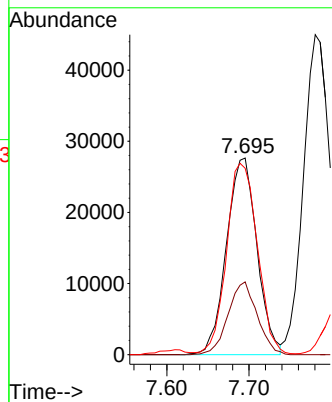
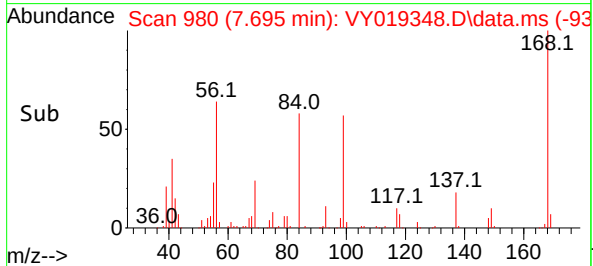


#31
Cyclohexane
Concen: 48.426 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Instrument :
MSVOA_Y
ClientSampleId :

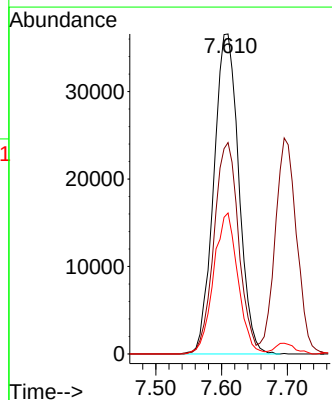
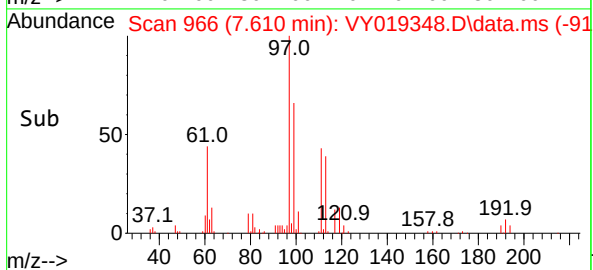
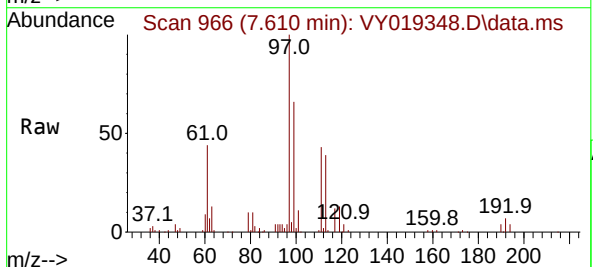


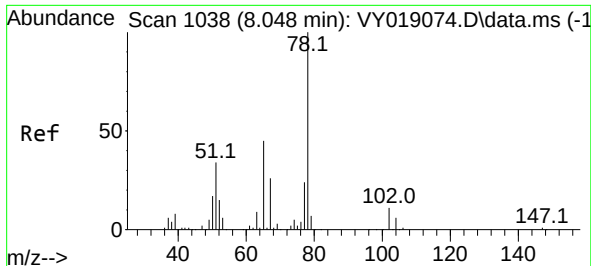
Tgt Ion: 56 Resp: 71381
Ion Ratio Lower Upper
56 100
69 36.1 28.7 43.1
84 92.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 51.940 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion: 97 Resp: 96811
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 43.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 56.165 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

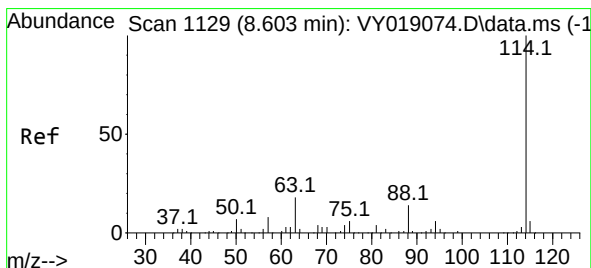
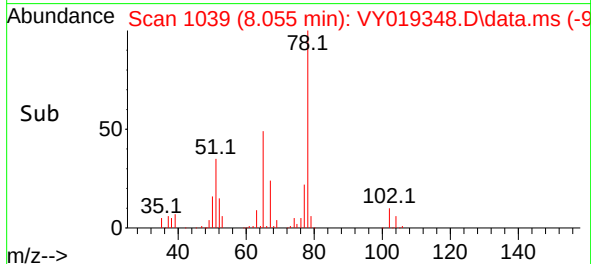
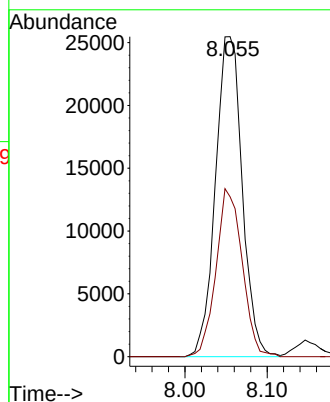
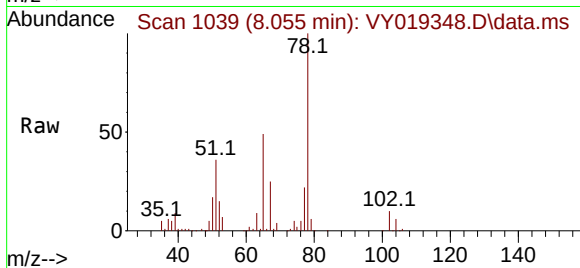
ClientSampleId :

Tgt Ion: 65 Resp: 57716

Ion Ratio Lower Upper

65 100

67 51.2 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: VY019348.D

Acq: 28 Aug 2024 22:40

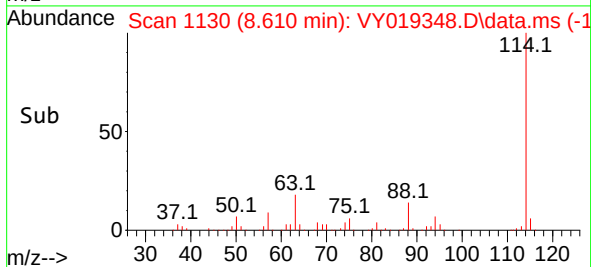
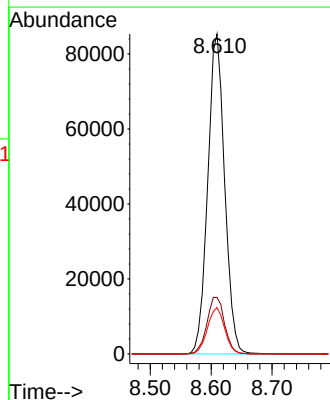
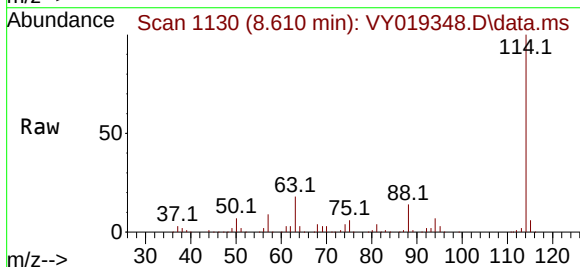
Tgt Ion: 114 Resp: 164427

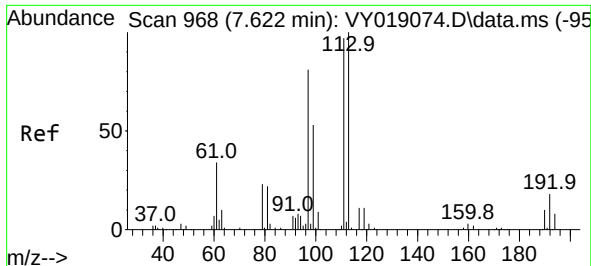
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.5 0.0 27.2

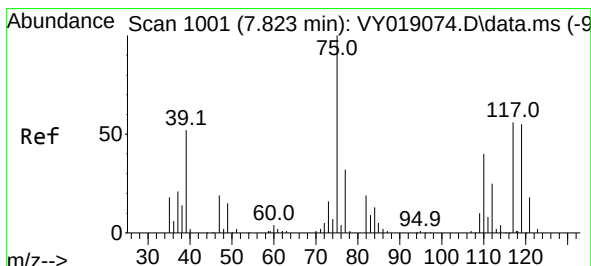
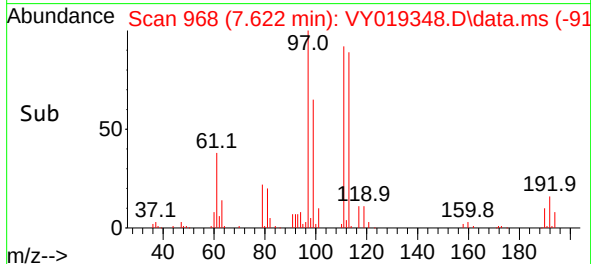
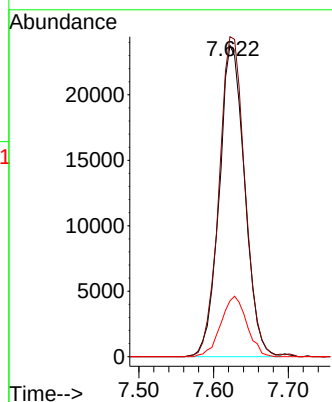
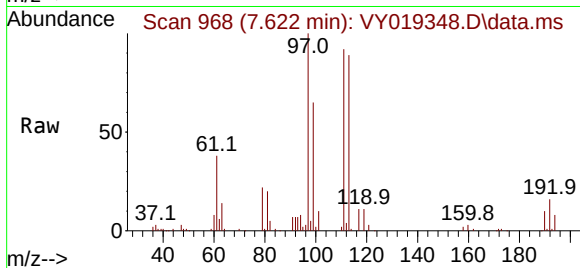




#35
Dibromofluoromethane
Concen: 52.511 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

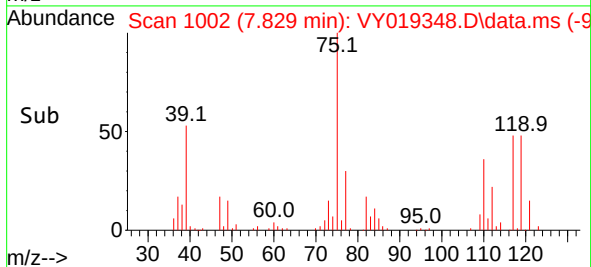
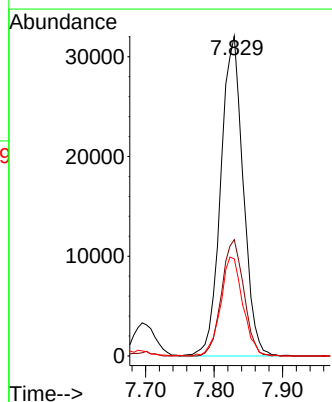
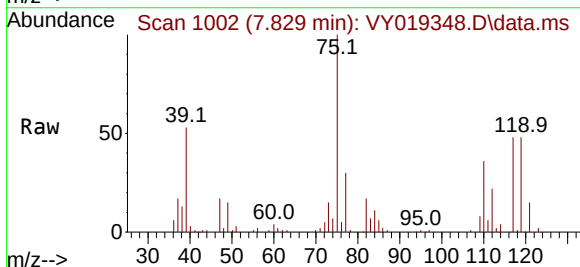
Instrument :
MSVOA_Y
ClientSampleId :

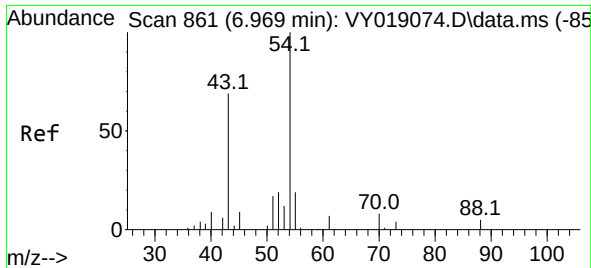
Tgt Ion:113 Resp: 56456
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 19.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.213 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion: 75 Resp: 72655
Ion Ratio Lower Upper
75 100
110 36.0 19.0 57.0
77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 54.985 ug/l

RT: 6.970 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY019348.D

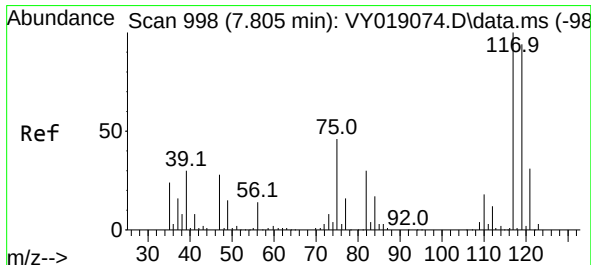
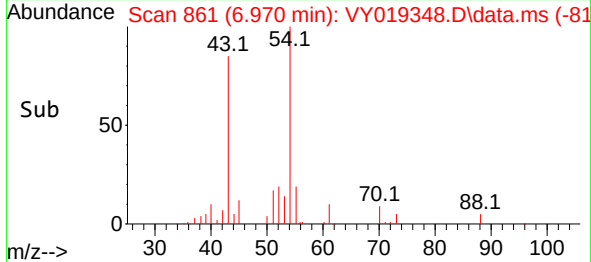
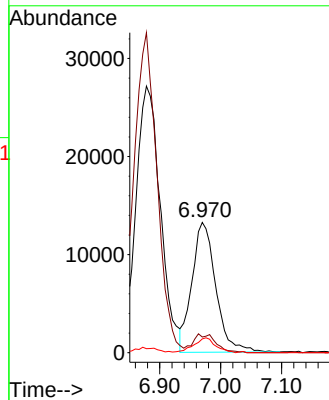
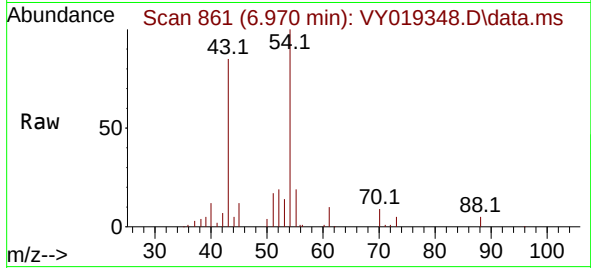
Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	35965
Ion	Ratio	Lower	Upper
43	100		
61	13.9	12.6	19.0
70	10.4	7.8	11.8



#38

Carbon Tetrachloride

Concen: 50.892 ug/l

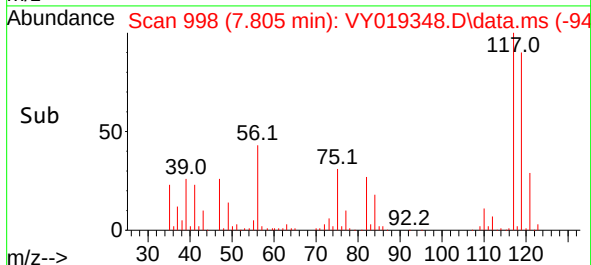
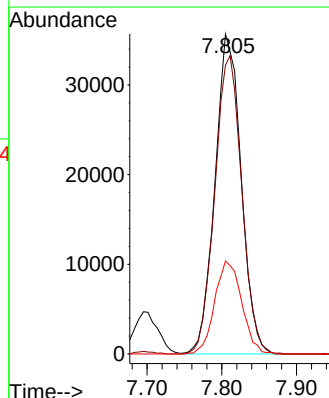
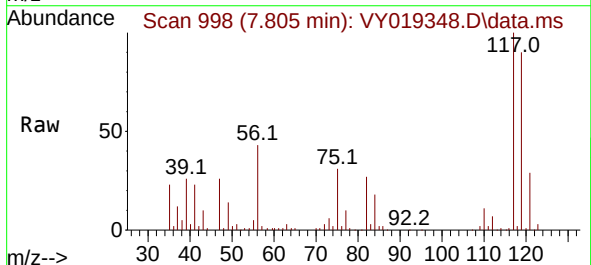
RT: 7.805 min Scan# 998

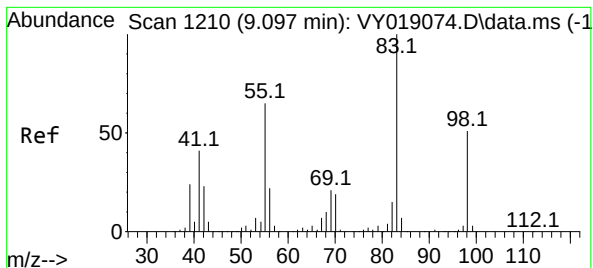
Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Tgt Ion:	117	Resp:	87072
Ion	Ratio	Lower	Upper
117	100		
119	90.3	75.8	113.6
121	29.0	24.0	36.0





#39

Methylcyclohexane

Concen: 44.864 ug/l

RT: 9.103 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

ClientSampleId :

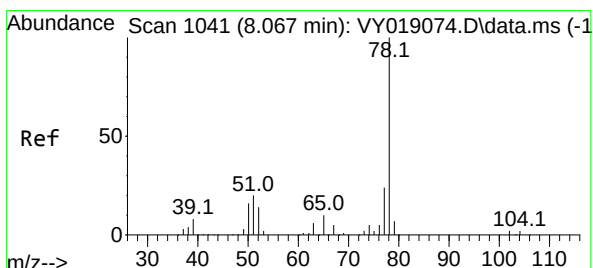
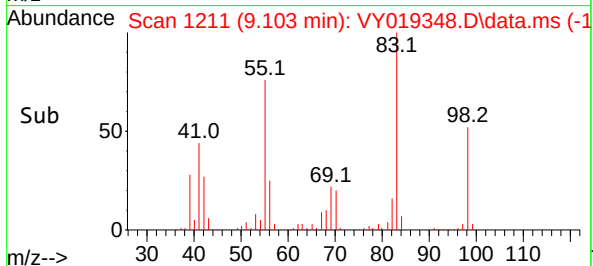
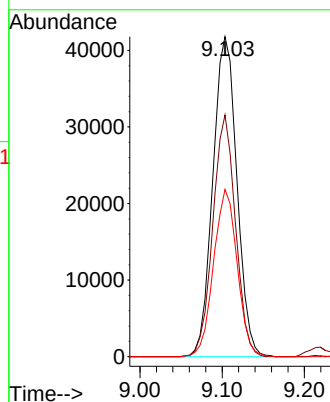
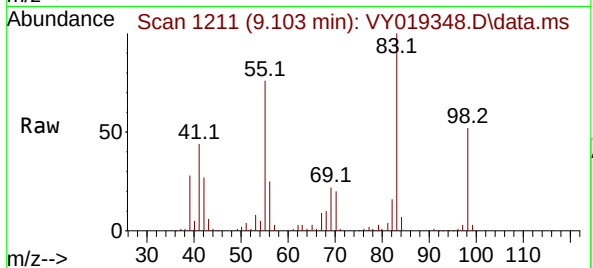
Tgt Ion: 83 Resp: 84997

Ion Ratio Lower Upper

83 100

55 75.5 51.5 77.3

98 52.2 40.5 60.7



#40

Benzene

Concen: 50.415 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019348.D

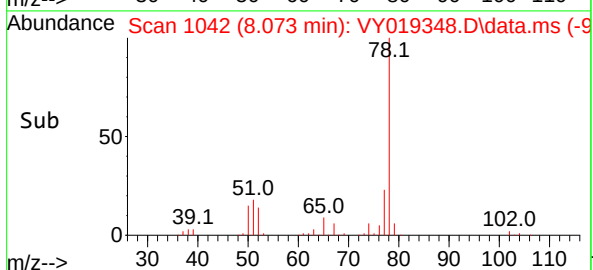
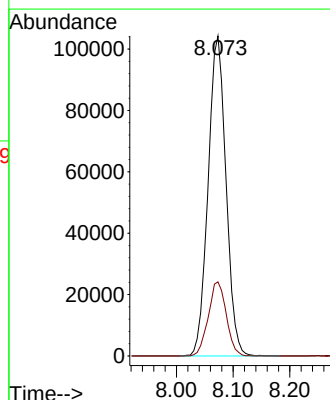
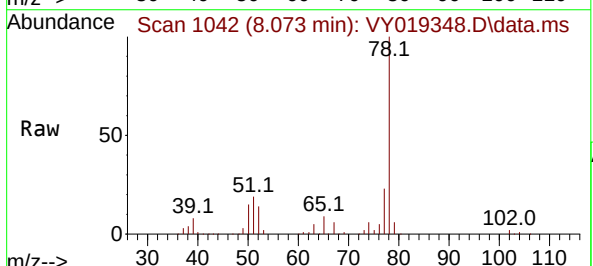
Acq: 28 Aug 2024 22:40

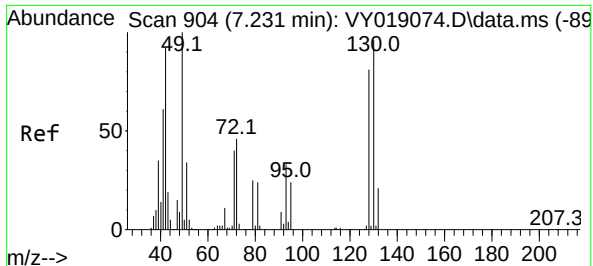
Tgt Ion: 78 Resp: 228270

Ion Ratio Lower Upper

78 100

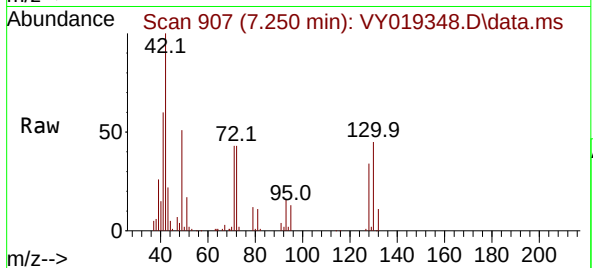
77 23.2 19.5 29.3



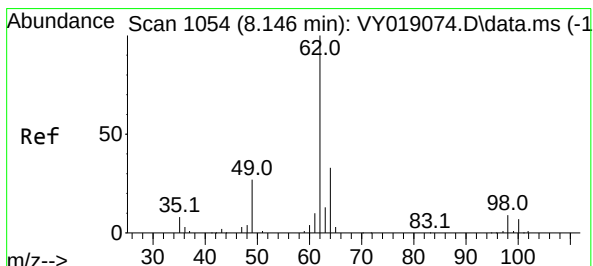
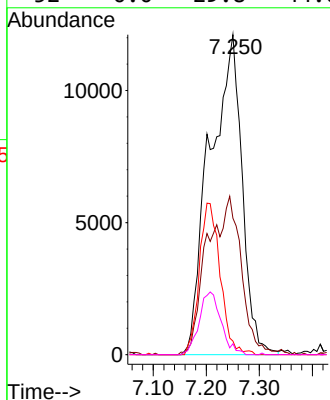
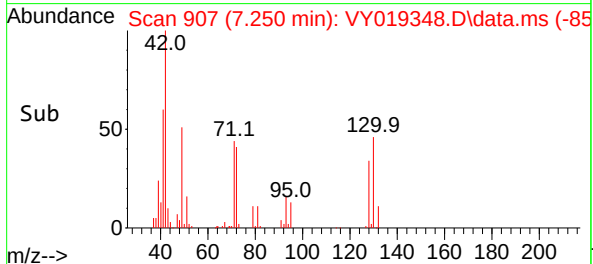


#41
Methacrylonitrile
Concen: 142.328 ug/l
RT: 7.250 min Scan# 904
Delta R.T. 0.019 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Instrument :
MSVOA_Y
ClientSampleId :

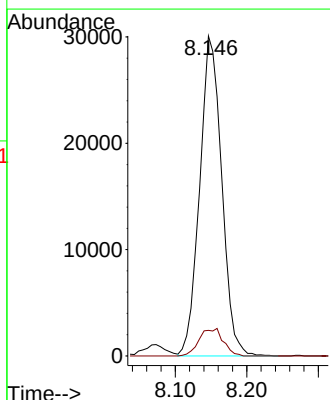
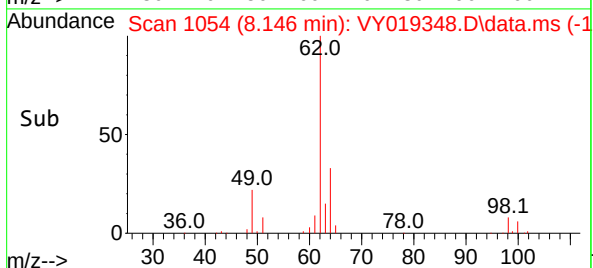
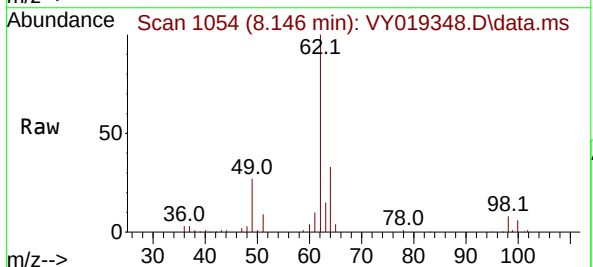


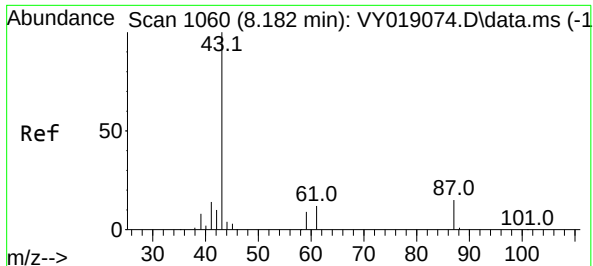
Tgt Ion: 41 Resp: 50812
Ion Ratio Lower Upper
41 100
39 52.4 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 52.699 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion: 62 Resp: 64435
Ion Ratio Lower Upper
62 100
98 9.3 0.0 22.0





#43

Isopropyl Acetate

Concen: 52.801 ug/l

RT: 8.189 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

ClientSampleId :

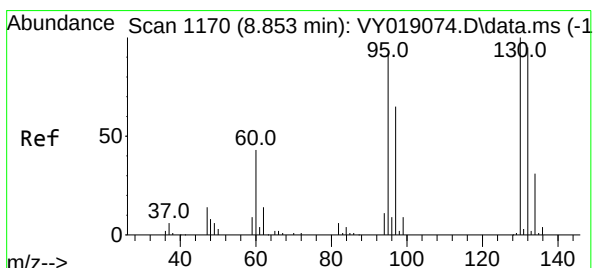
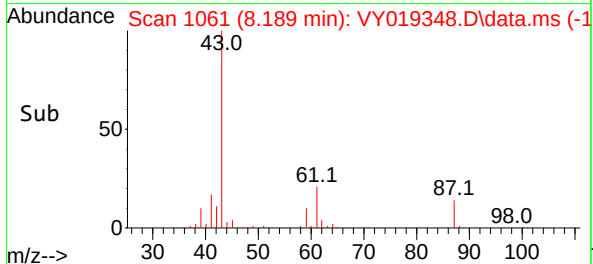
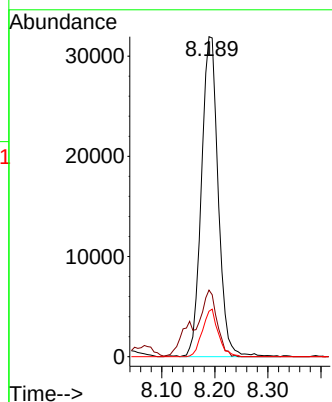
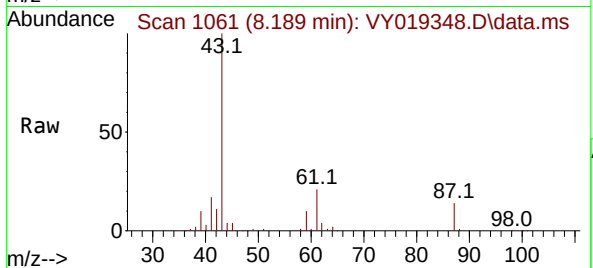
Tgt Ion: 43 Resp: 69846

Ion Ratio Lower Upper

43 100

61 19.2 27.9 41.9#

87 14.1 13.1 19.7



#44

Trichloroethene

Concen: 49.186 ug/l

RT: 8.860 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY019348.D

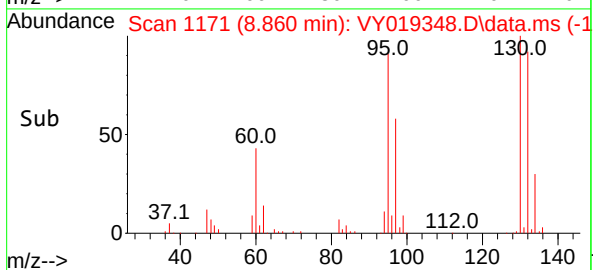
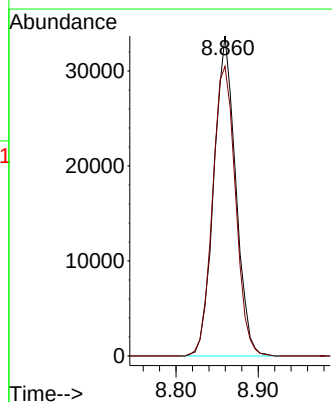
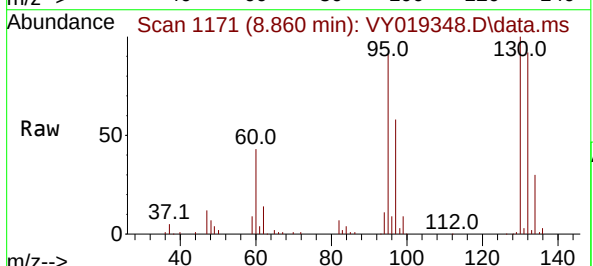
Acq: 28 Aug 2024 22:40

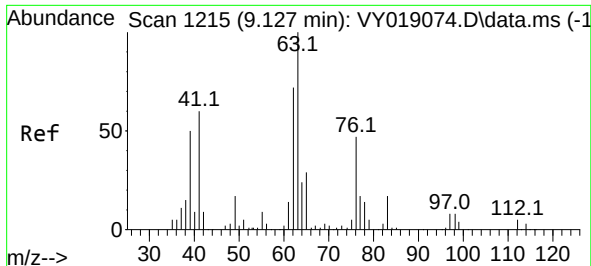
Tgt Ion:130 Resp: 62142

Ion Ratio Lower Upper

130 100

95 90.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 51.003 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

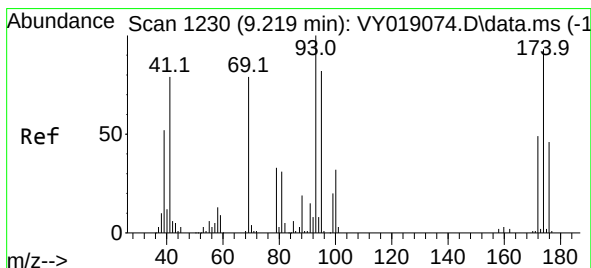
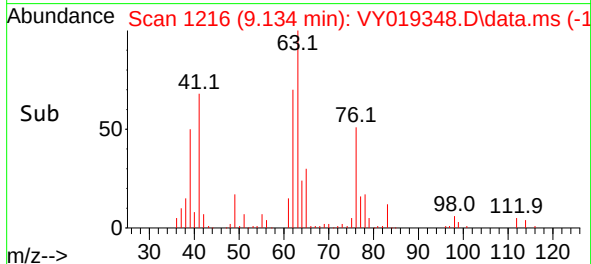
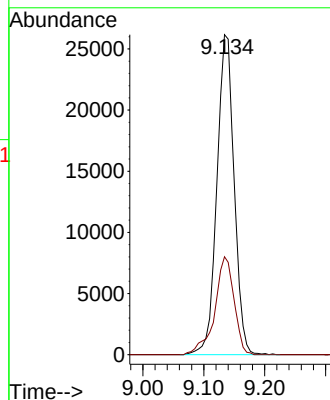
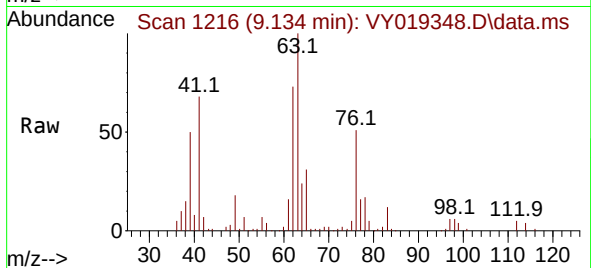
ClientSampleId :

Tgt Ion: 63 Resp: 51452

Ion Ratio Lower Upper

63 100

65 30.6 25.4 38.2



#46

Dibromomethane

Concen: 49.956 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

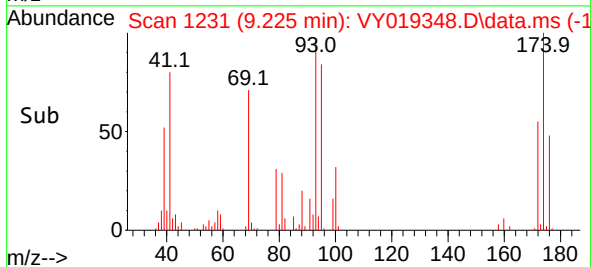
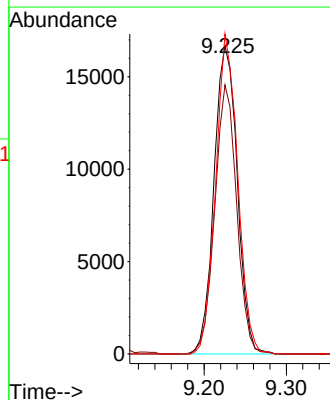
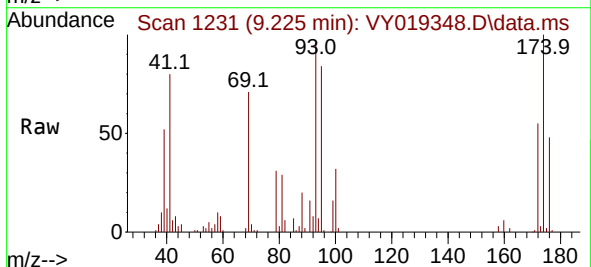
Tgt Ion: 93 Resp: 32687

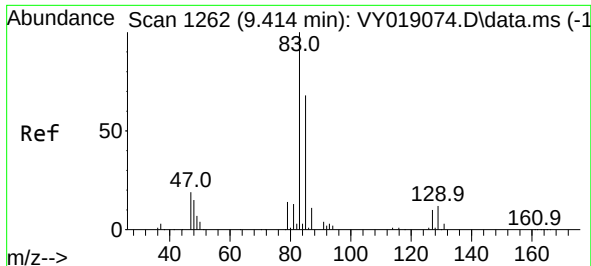
Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

174 98.7 80.9 121.3

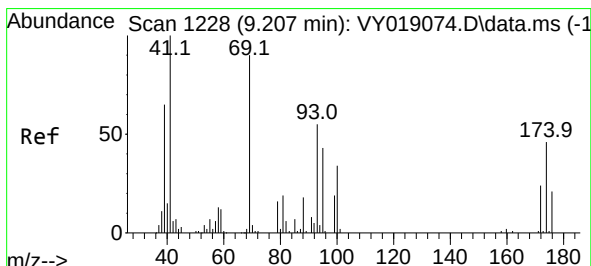
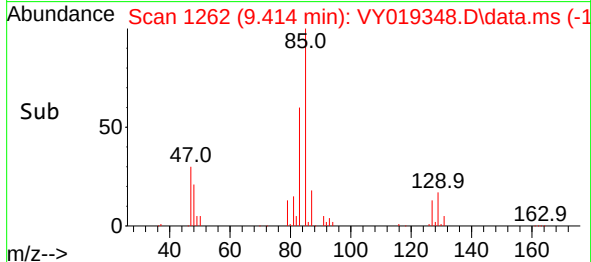
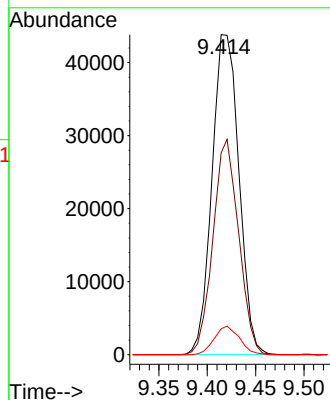
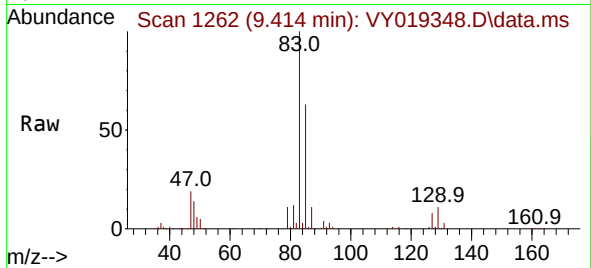




#47
Bromodichloromethane
Concen: 52.872 ug/l
RT: 9.414 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

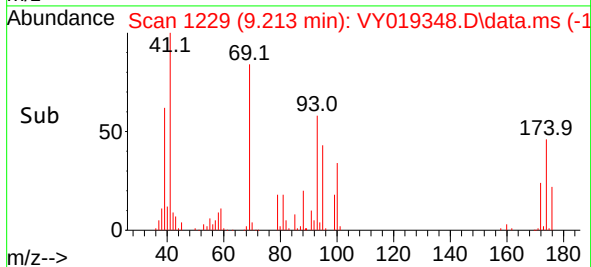
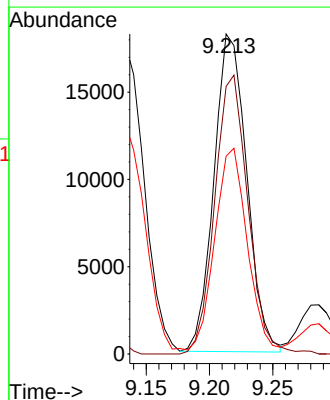
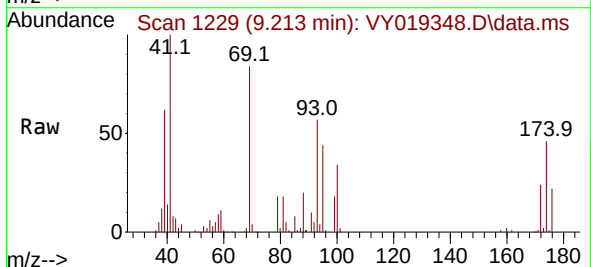
Instrument :
MSVOA_Y
ClientSampleId :

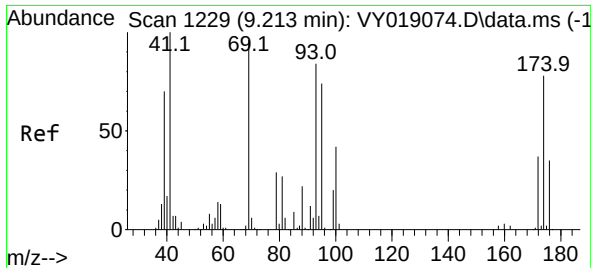
Tgt Ion: 83 Resp: 84874
Ion Ratio Lower Upper
83 100
85 63.0 50.1 75.1
127 8.1 7.4 11.0



#48
Methyl methacrylate
Concen: 55.725 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion: 41 Resp: 32852
Ion Ratio Lower Upper
41 100
69 89.0 84.1 126.1
39 64.3 43.6 65.4





#49

1,4-Dioxane

Concen: 1074.929 ug/l

RT: 9.219 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

ClientSampleId :

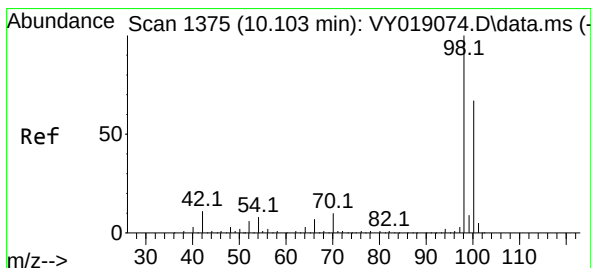
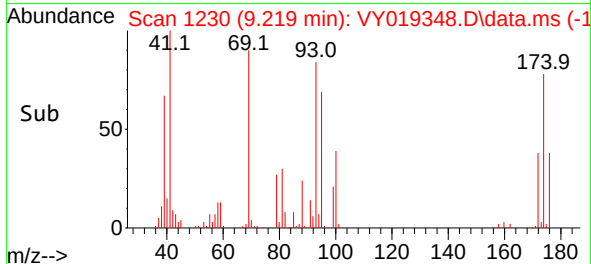
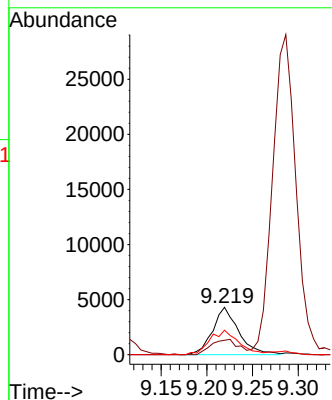
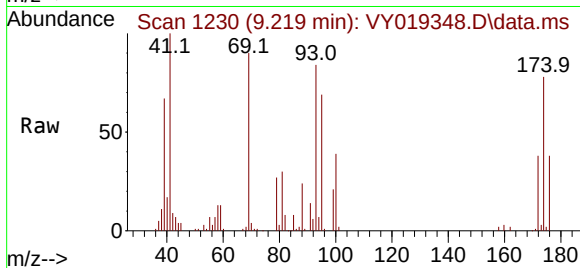
Tgt Ion: 88 Resp: 8520

Ion Ratio Lower Upper

88 100

43 33.6 0.0 0.0#

58 56.9 49.3 73.9



#50

Toluene-d8

Concen: 52.460 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019348.D

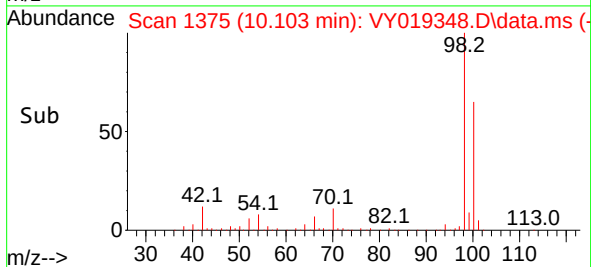
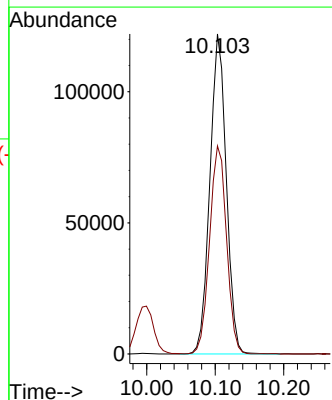
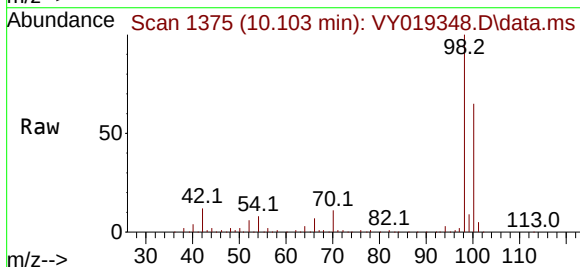
Acq: 28 Aug 2024 22:40

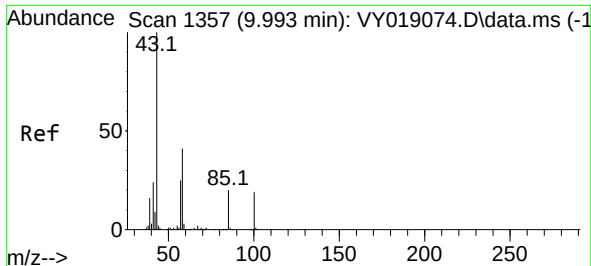
Tgt Ion: 98 Resp: 202968

Ion Ratio Lower Upper

98 100

100 67.2 52.0 78.0

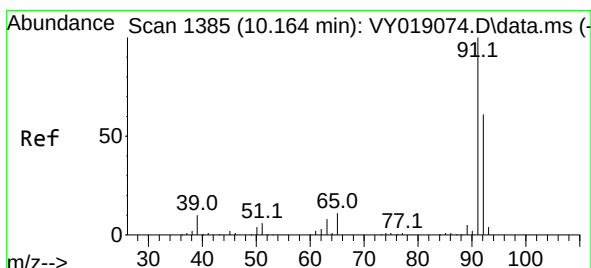
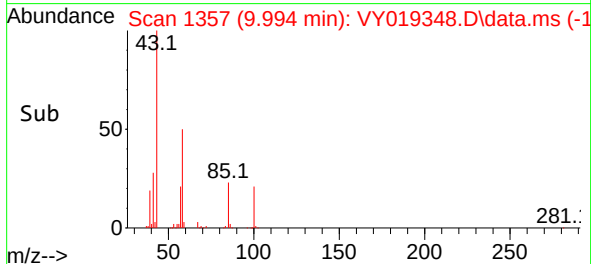
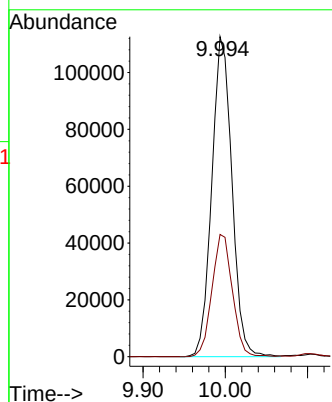
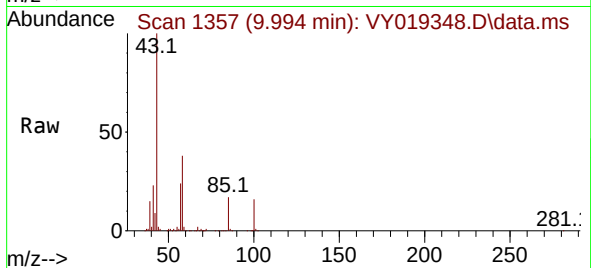




#51
4-Methyl-2-Pentanone
Concen: 272.674 ug/l
RT: 9.994 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

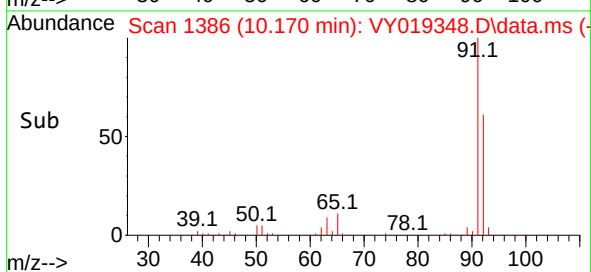
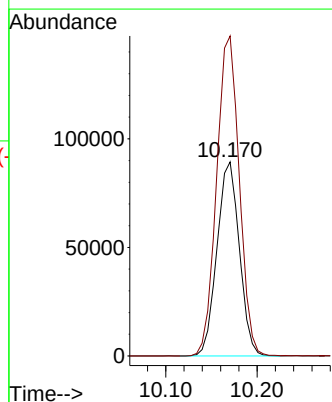
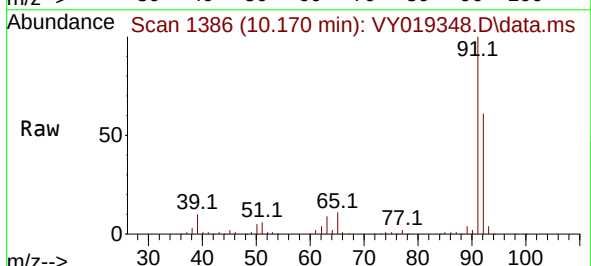
Instrument :
MSVOA_Y
ClientSampleId :

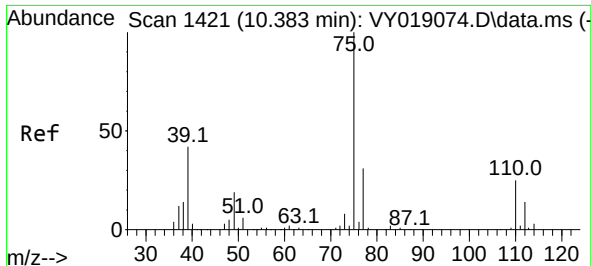
Tgt Ion: 43 Resp: 191444
Ion Ratio Lower Upper
43 100
58 38.8 35.7 53.5



#52
Toluene
Concen: 51.120 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion: 92 Resp: 151936
Ion Ratio Lower Upper
92 100
91 167.4 139.0 208.6

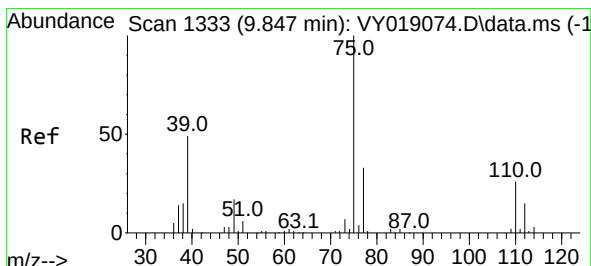
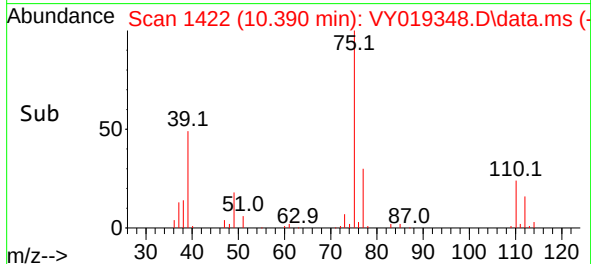
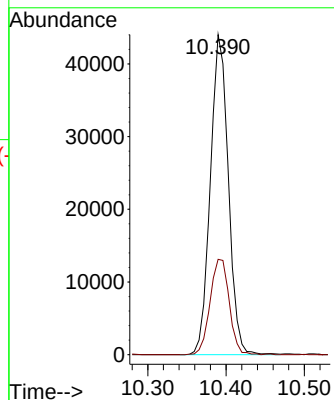
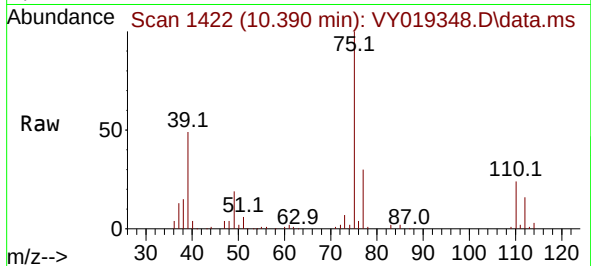




#53
t-1,3-Dichloropropene
Concen: 52.653 ug/l
RT: 10.390 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

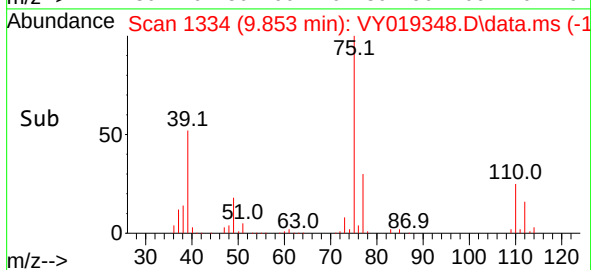
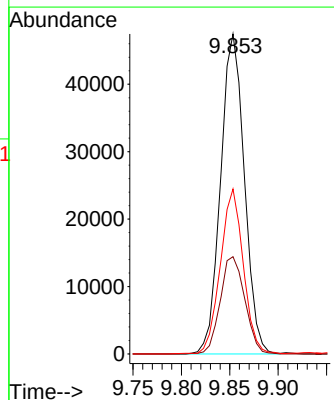
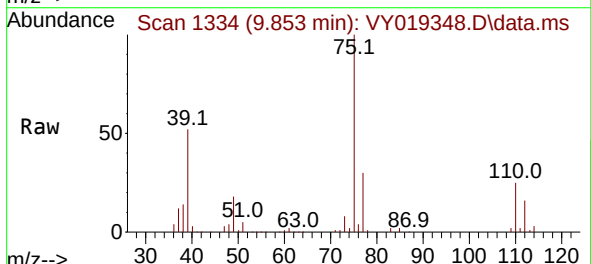
Instrument :
MSVOA_Y
ClientSampleId :

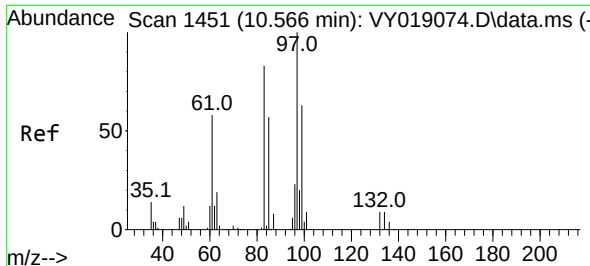
Tgt Ion: 75 Resp: 70115
Ion Ratio Lower Upper
75 100
77 29.8 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 50.590 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.006 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion: 75 Resp: 81019
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0
39 51.4 29.8 44.6#

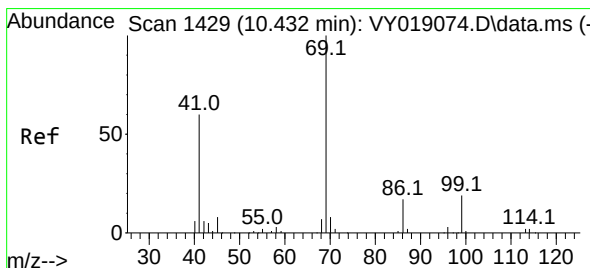
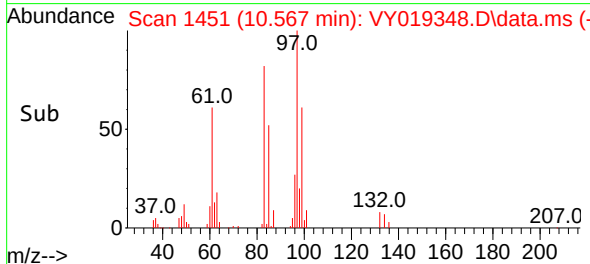
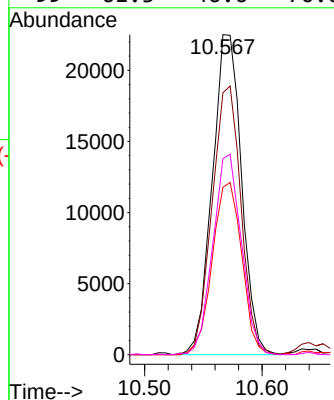
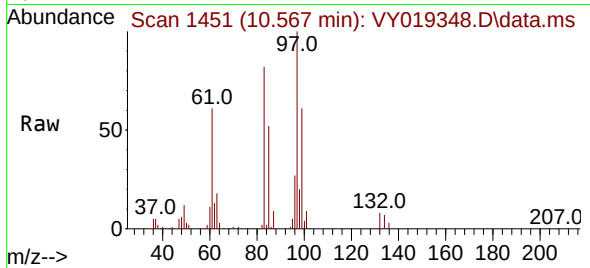




#55
1,1,2-Trichloroethane
Concen: 46.269 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

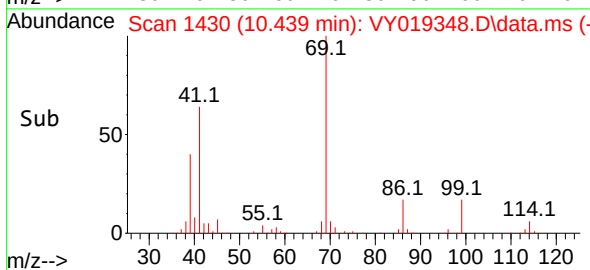
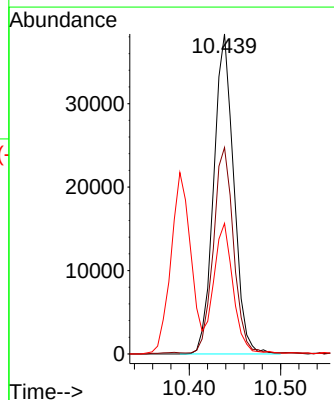
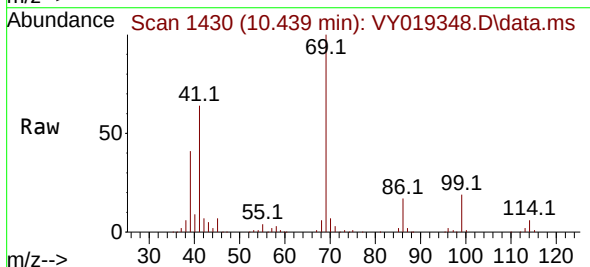
Instrument :
MSVOA_Y
ClientSampleId :

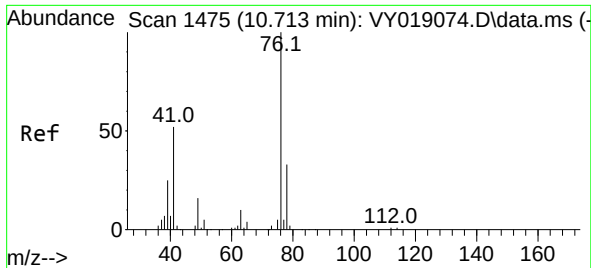
Tgt Ion:	97	Resp:	38973
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.5	101.3
85	52.3	42.9	64.3
99	61.3	46.6	70.0



#56
Ethyl methacrylate
Concen: 52.901 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion:	69	Resp:	58325
Ion	Ratio	Lower	Upper
69	100		
41	64.3	42.3	63.5#
39	39.4	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 44.309 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

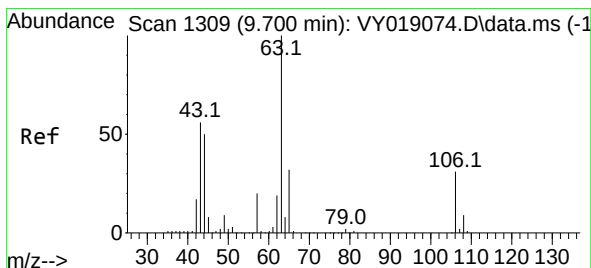
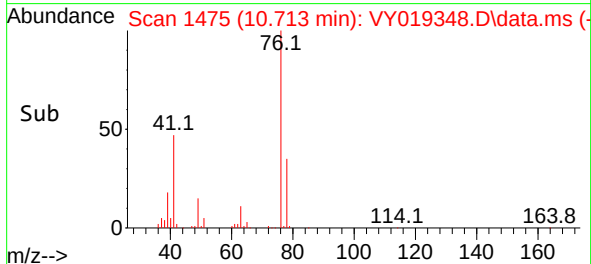
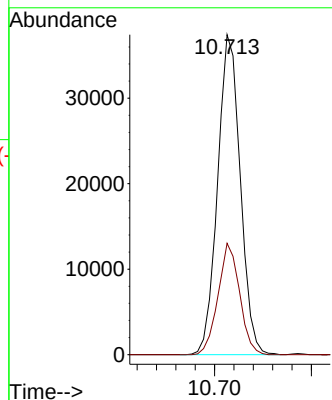
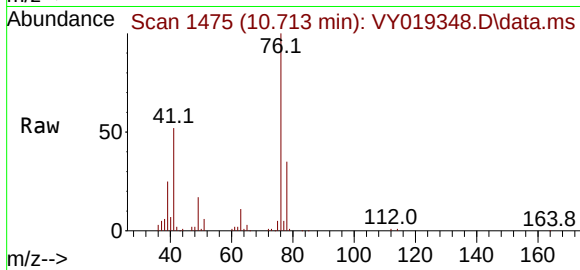
ClientSampleId :

Tgt Ion: 76 Resp: 60841

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 263.608 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019348.D

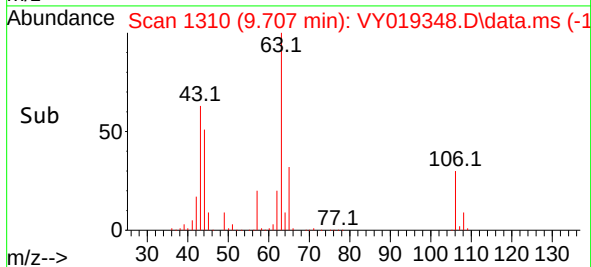
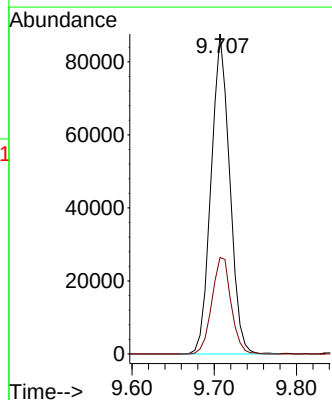
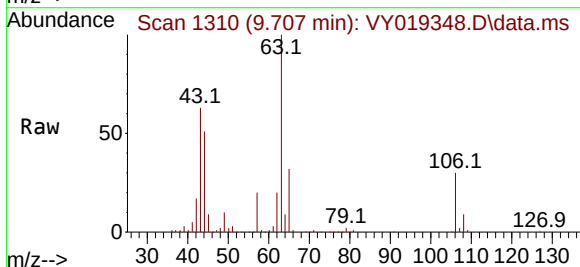
Acq: 28 Aug 2024 22:40

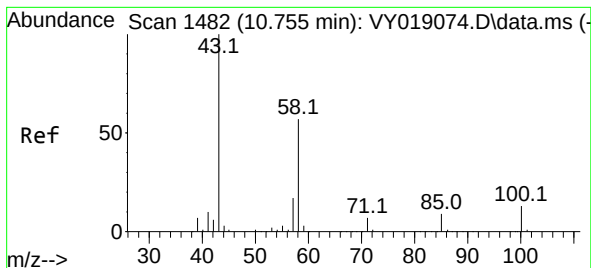
Tgt Ion: 63 Resp: 137876

Ion Ratio Lower Upper

63 100

106 31.1 23.7 35.5





#59

2-Hexanone

Concen: 212.130 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

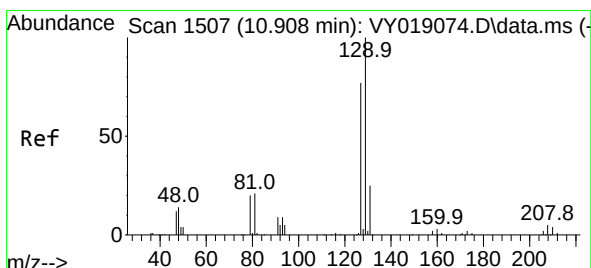
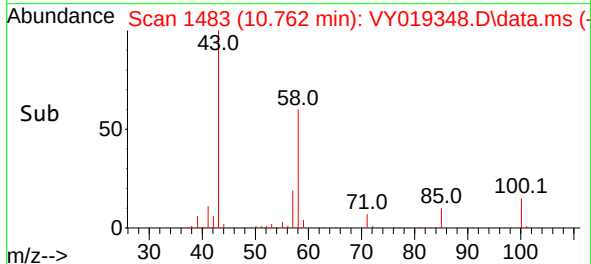
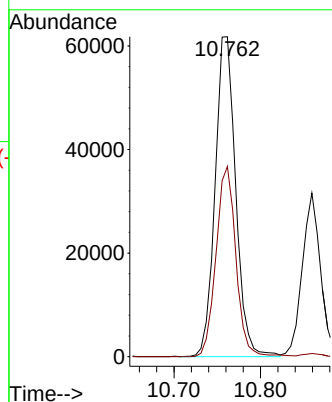
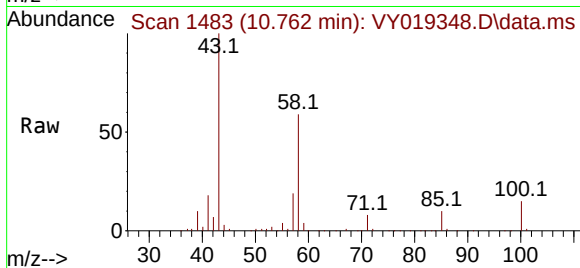
ClientSampleId :

Tgt Ion: 43 Resp: 102322

Ion Ratio Lower Upper

43 100

58 57.3 31.4 94.0



#60

Dibromochloromethane

Concen: 46.082 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019348.D

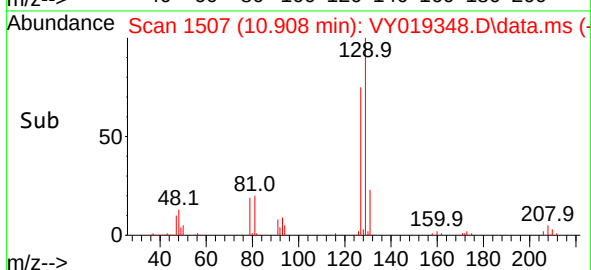
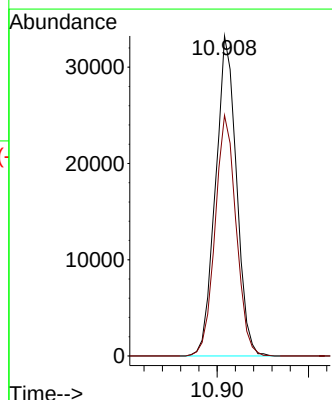
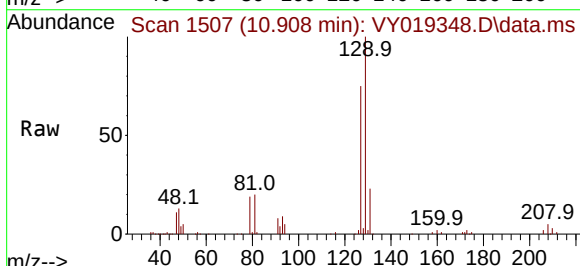
Acq: 28 Aug 2024 22:40

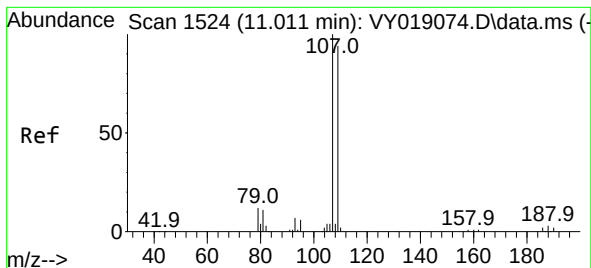
Tgt Ion:129 Resp: 52868

Ion Ratio Lower Upper

129 100

127 75.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 44.575 ug/l

RT: 11.012 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

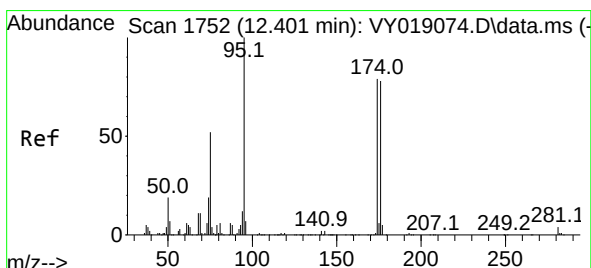
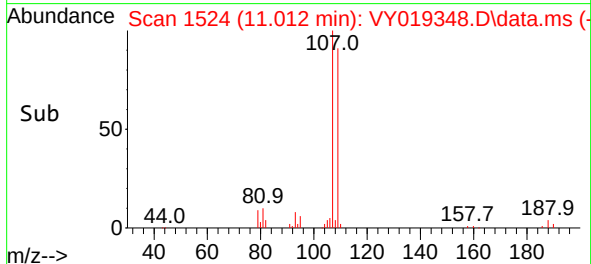
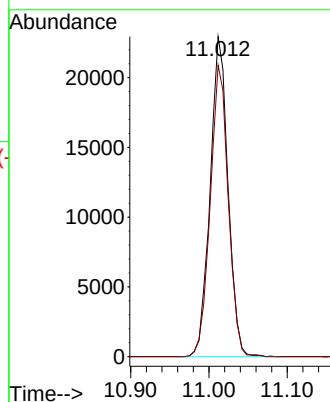
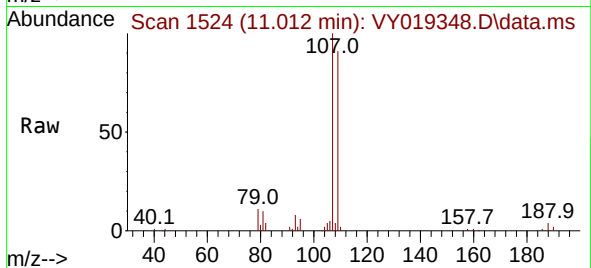
ClientSampleId :

Tgt Ion:107 Resp: 36290

Ion Ratio Lower Upper

107 100

109 92.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 43.575 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

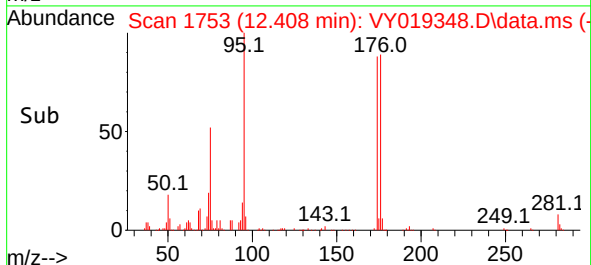
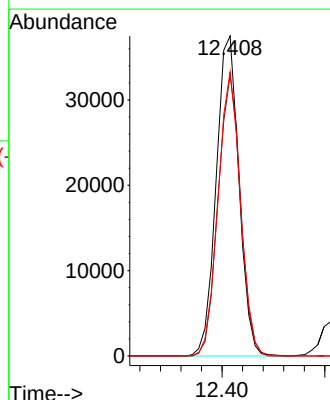
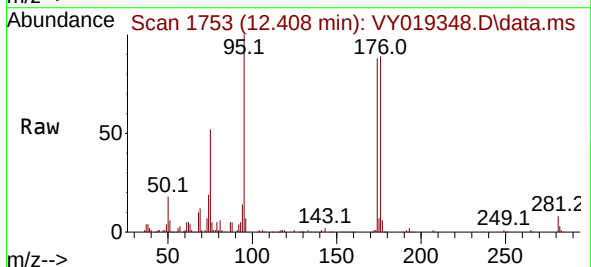
Tgt Ion: 95 Resp: 57473

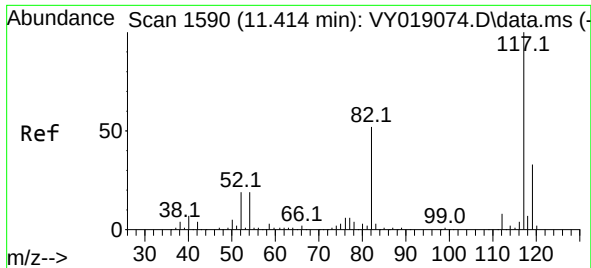
Ion Ratio Lower Upper

95 100

174 86.7 0.0 175.6

176 86.8 0.0 171.4

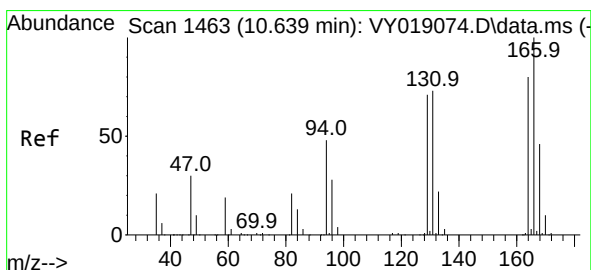
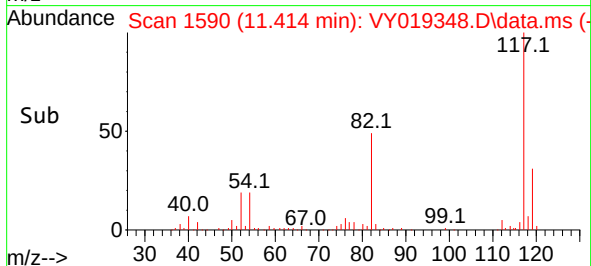
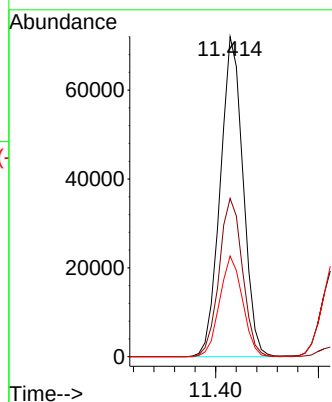
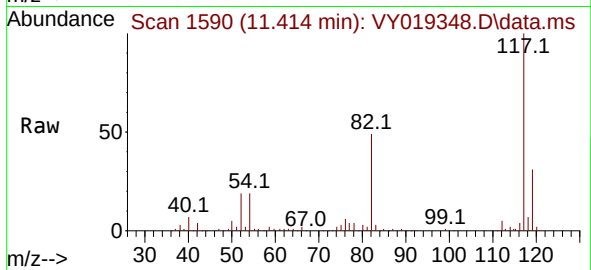




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

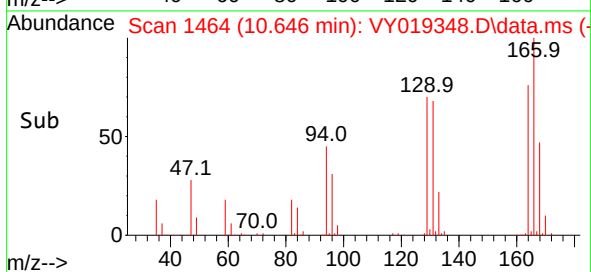
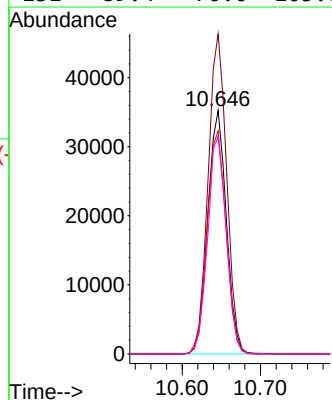
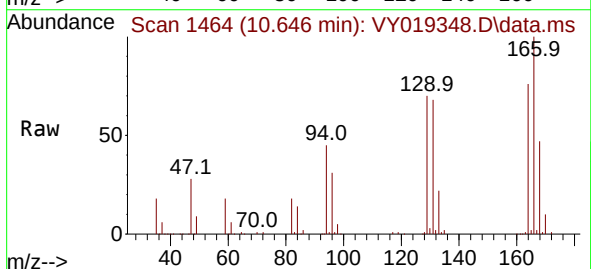
Instrument :
MSVOA_Y
ClientSampleId :

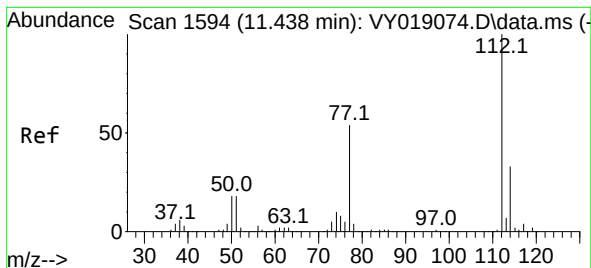
Tgt Ion:117 Resp: 111135
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 31.5 25.9 38.9



#64
Tetrachloroethene
Concen: 59.795 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion:164 Resp: 58085
Ion Ratio Lower Upper
164 100
166 131.4 102.6 154.0
129 91.6 72.0 108.0
131 89.4 70.0 105.0





#65

Chlorobenzene

Concen: 50.720 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

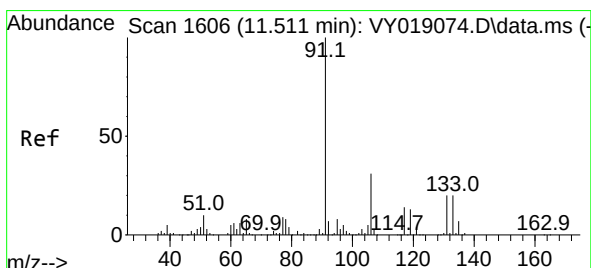
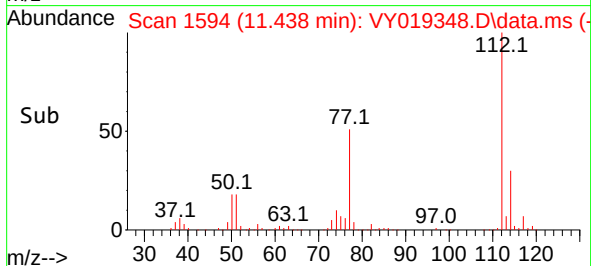
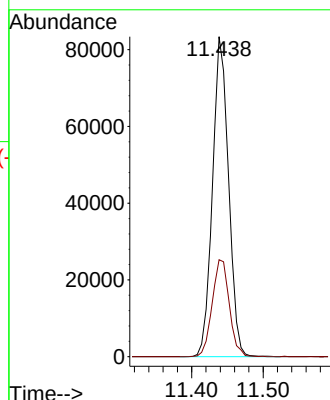
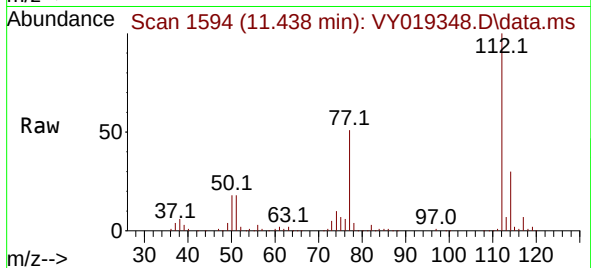
ClientSampleId :

Tgt Ion:112 Resp: 129794

Ion Ratio Lower Upper

112 100

114 30.3 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.525 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

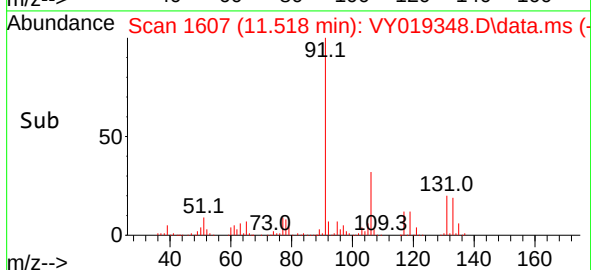
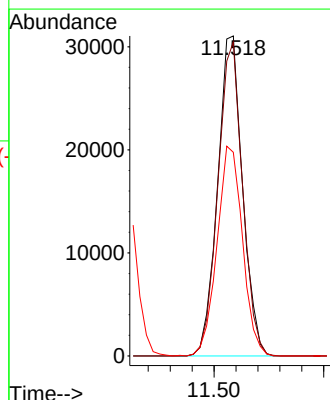
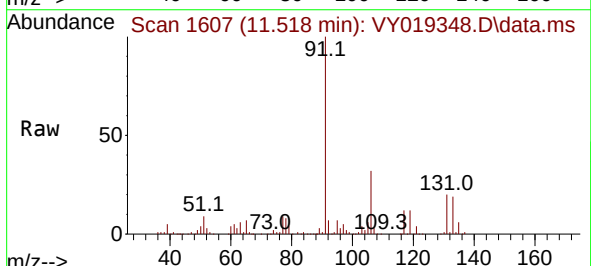
Tgt Ion:131 Resp: 49068

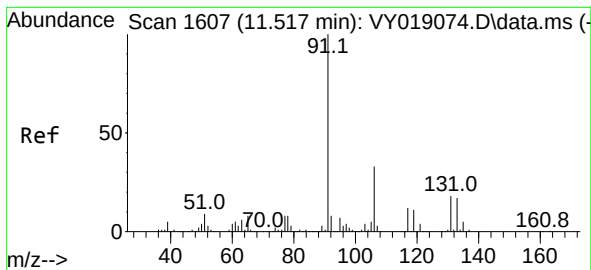
Ion Ratio Lower Upper

131 100

133 96.7 47.8 143.3

119 67.1 34.1 102.2





#67

Ethyl Benzene

Concen: 54.088 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

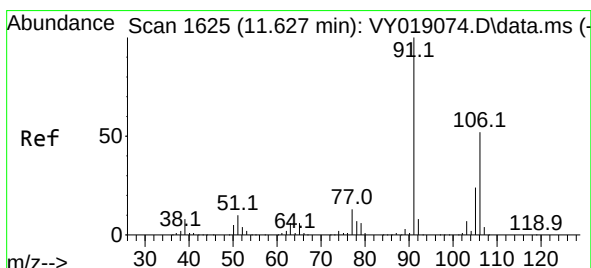
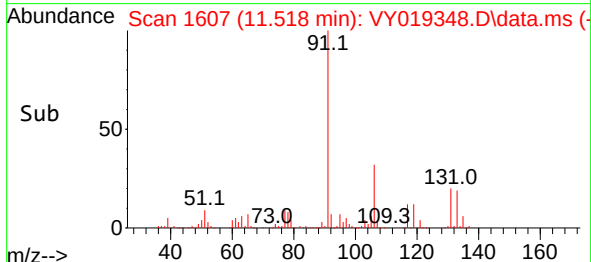
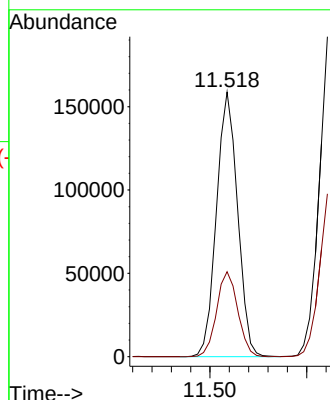
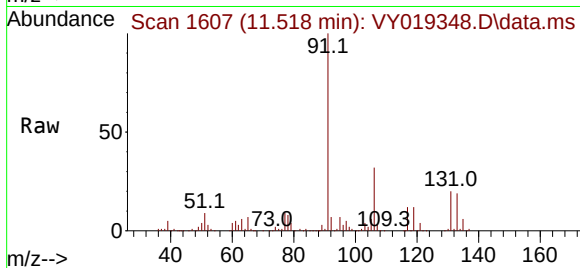
ClientSampleId :

Tgt Ion: 91 Resp: 240238

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 112.385 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019348.D

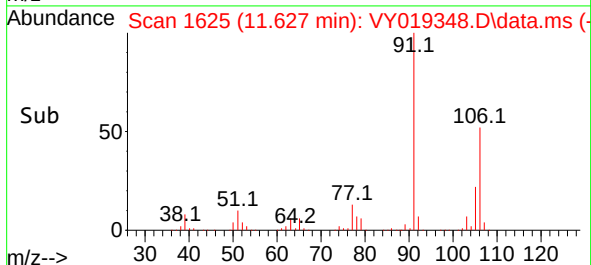
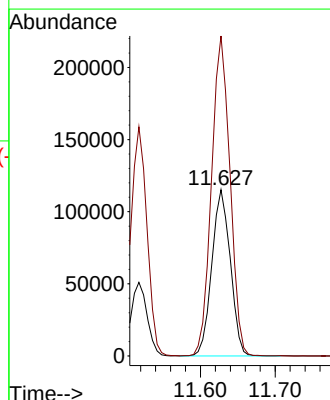
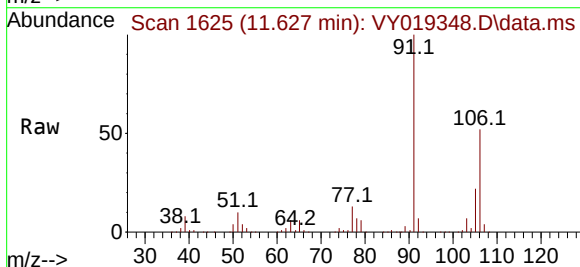
Acq: 28 Aug 2024 22:40

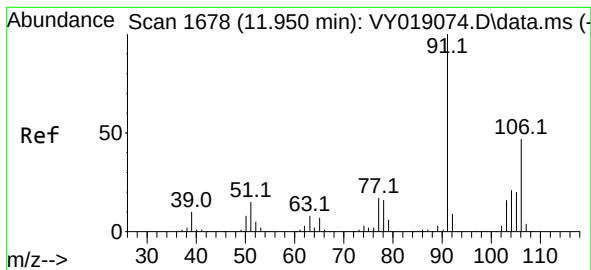
Tgt Ion:106 Resp: 198066

Ion Ratio Lower Upper

106 100

91 192.4 156.0 234.0

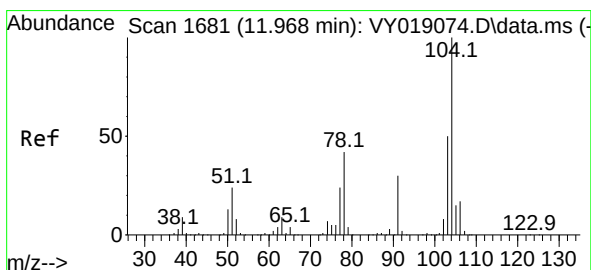
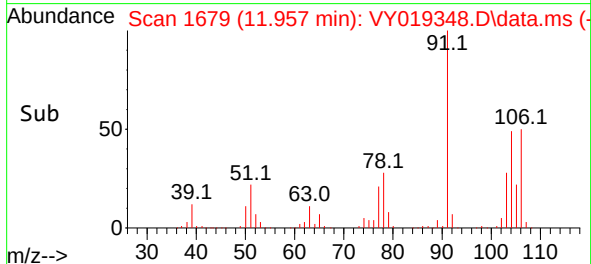
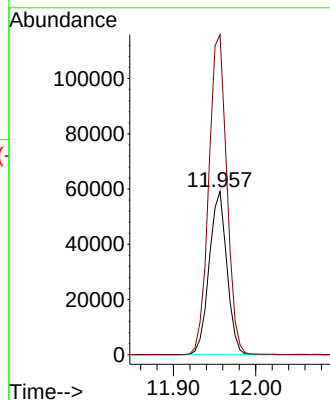
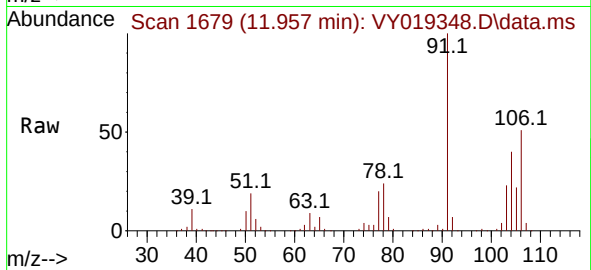




#69
o-Xylene
Concen: 54.033 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

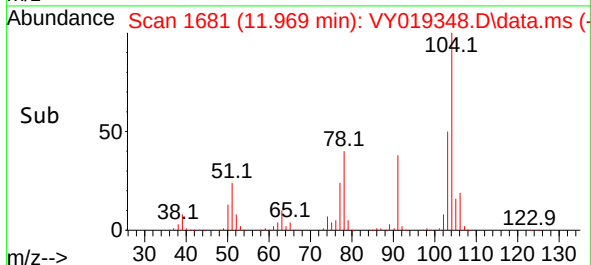
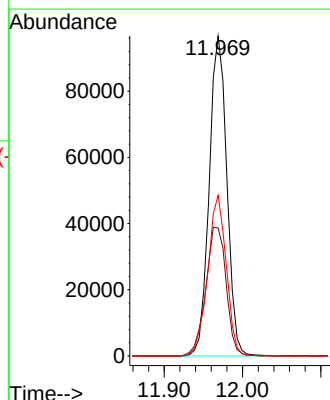
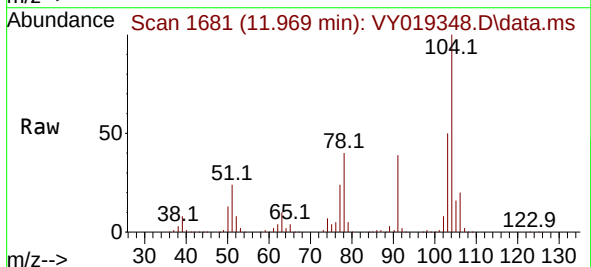
Instrument :
MSVOA_Y
ClientSampleId :

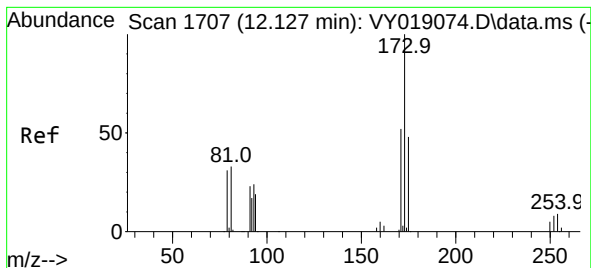
Tgt Ion:106 Resp: 88185
Ion Ratio Lower Upper
106 100
91 200.4 103.6 310.8



#70
Styrene
Concen: 54.320 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion:104 Resp: 151178
Ion Ratio Lower Upper
104 100
78 46.5 37.0 55.4
103 52.6 44.2 66.2





#71

Bromoform

Concen: 49.268 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY019348.D

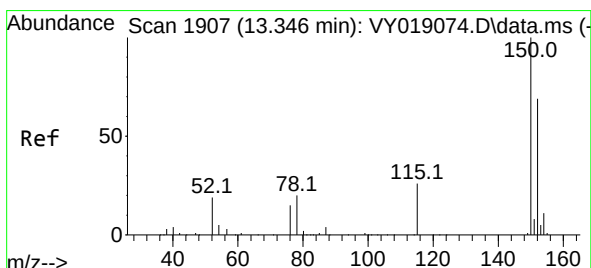
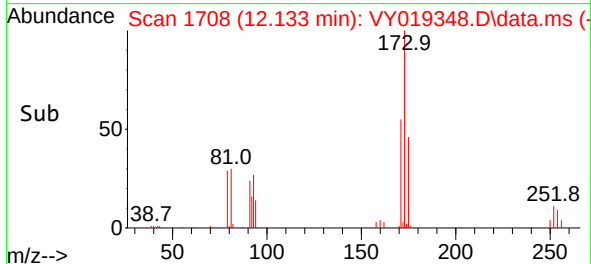
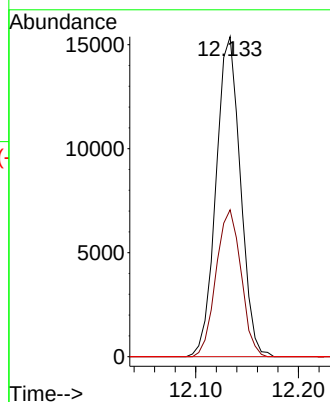
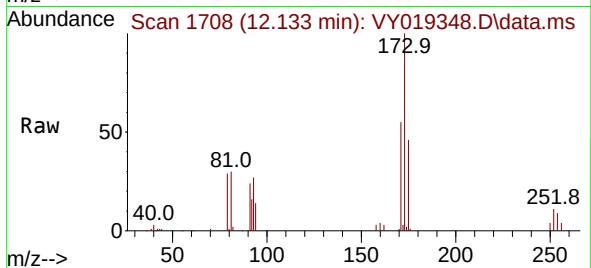
Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	25345
Ion Ratio	Lower	Upper
173	100	
175	47.0	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

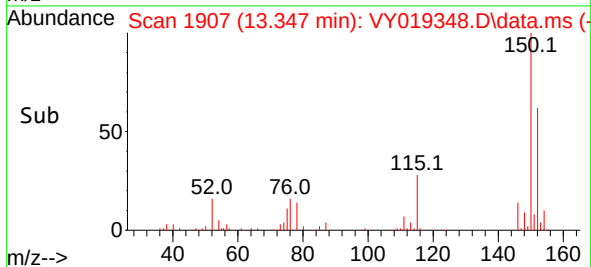
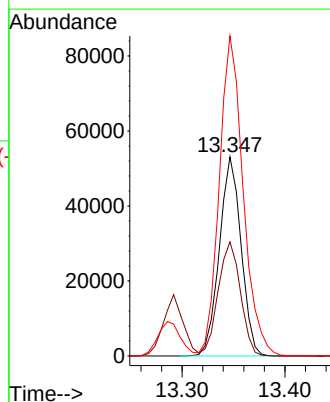
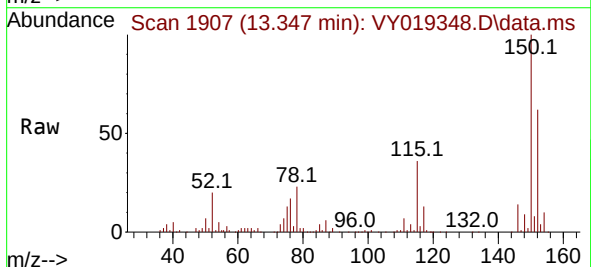
RT: 13.347 min Scan# 1907

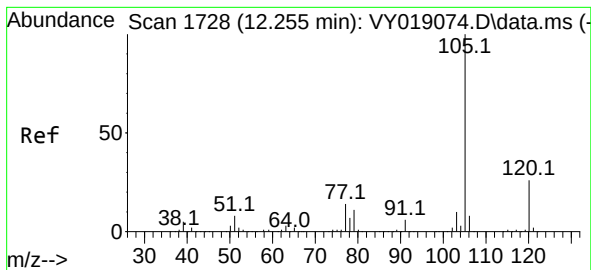
Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Tgt Ion:152	Resp:	77833
Ion Ratio	Lower	Upper
152	100	
115	58.7	28.2 84.7
150	176.2	0.0 345.6





#73

Isopropylbenzene

Concen: 36.755 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

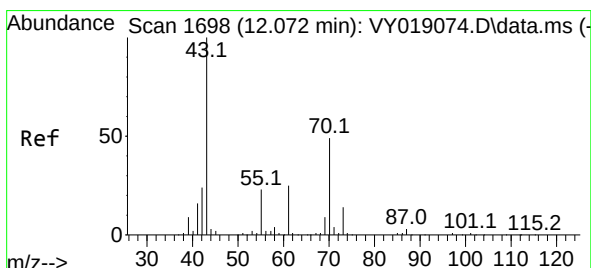
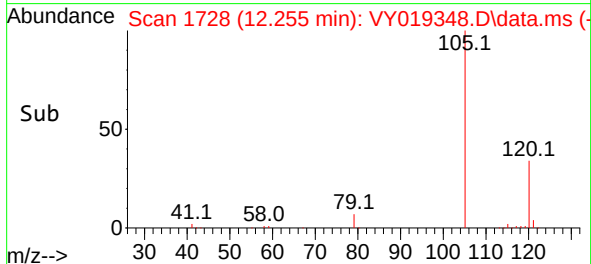
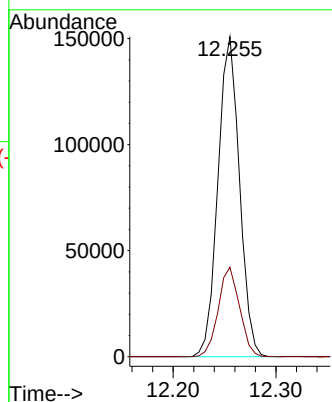
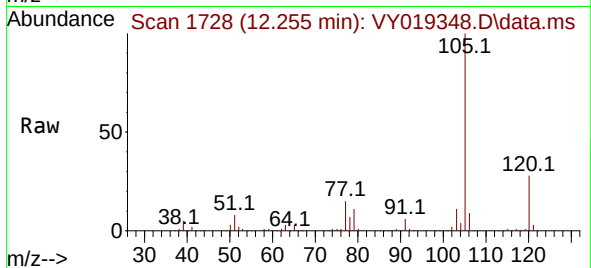
ClientSampleId :

Tgt Ion:105 Resp: 219263

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.1



#74

N-ethyl acetate

Concen: 38.660 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Tgt Ion: 43 Resp: 50290

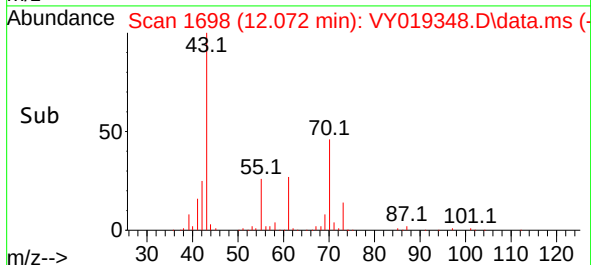
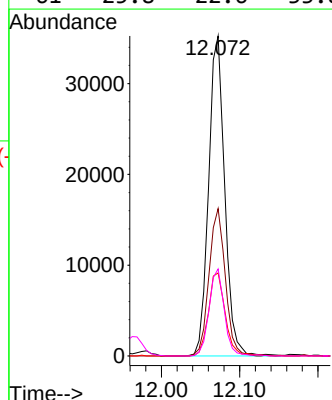
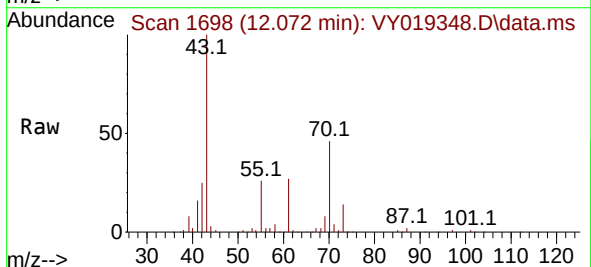
Ion Ratio Lower Upper

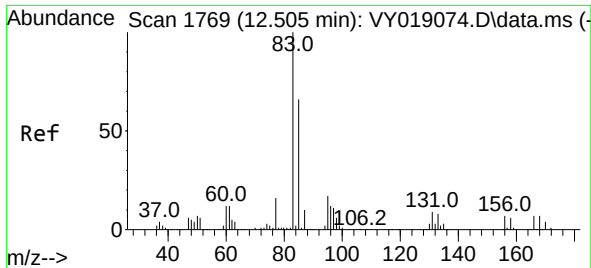
43 100

70 46.5 41.4 62.2

55 27.2 23.3 34.9

61 25.8 22.6 33.8

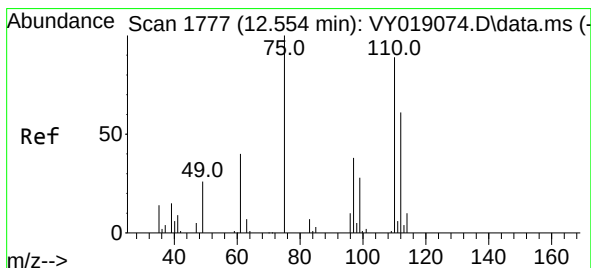
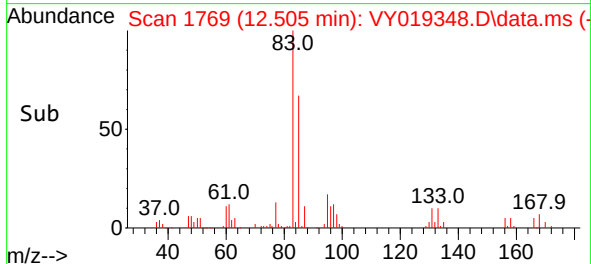
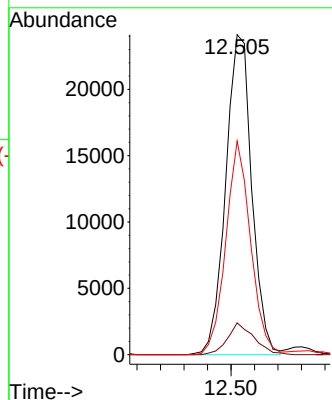
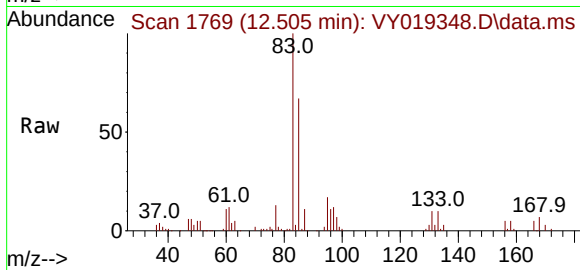




#75
 1,1,2,2-Tetrachloroethane
 Concen: 35.056 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY019348.D
 Acq: 28 Aug 2024 22:40

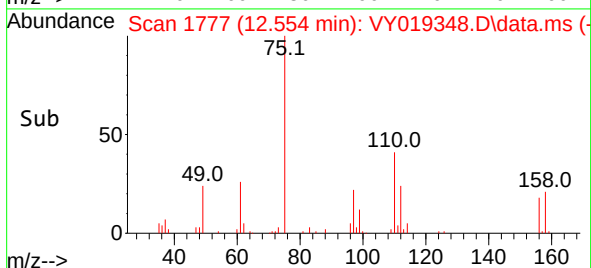
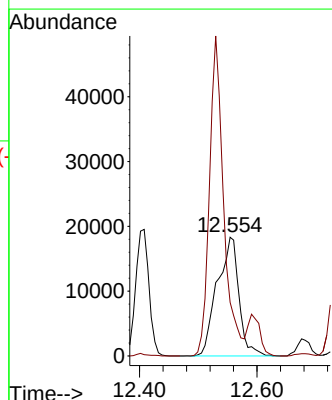
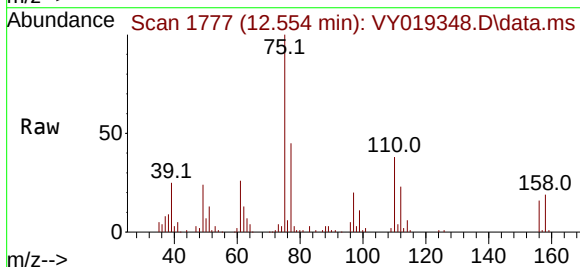
Instrument :
 MSVOA_Y
 ClientSampleId :

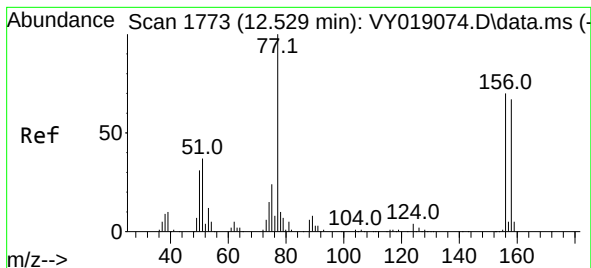
Tgt Ion: 83 Resp: 37231
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 14.9
 85 63.5 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 61.293 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY019348.D
 Acq: 28 Aug 2024 22:40

Tgt Ion: 75 Resp: 47047
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 33.718 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

ClientSampleId :

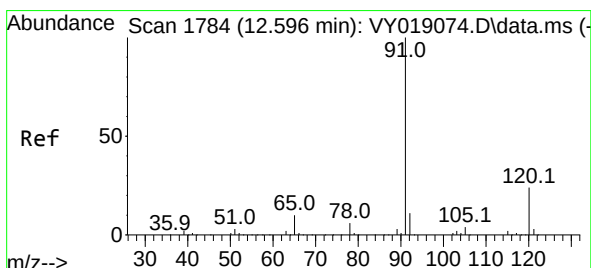
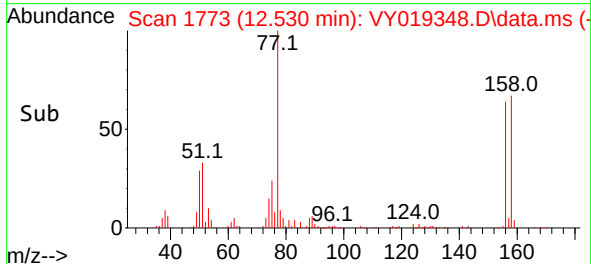
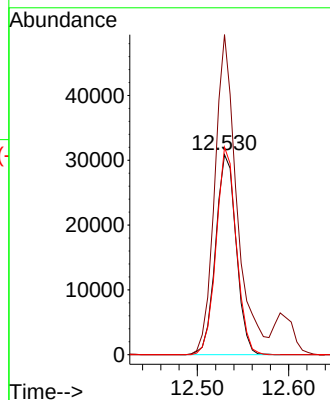
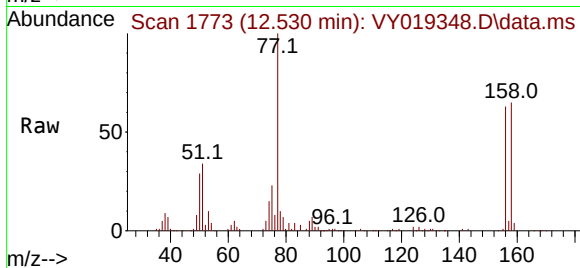
Tgt Ion:156 Resp: 48307

Ion Ratio Lower Upper

156 100

77 172.6 87.1 261.3

158 101.3 48.6 145.9



#78

n-propylbenzene

Concen: 35.995 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019348.D

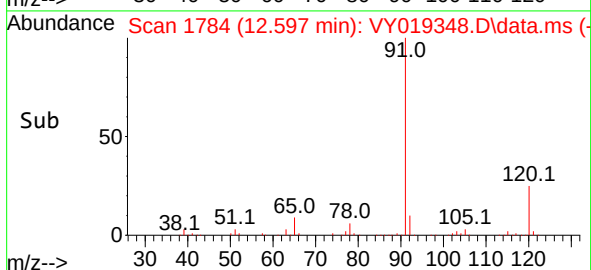
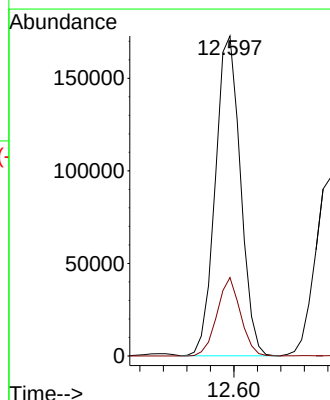
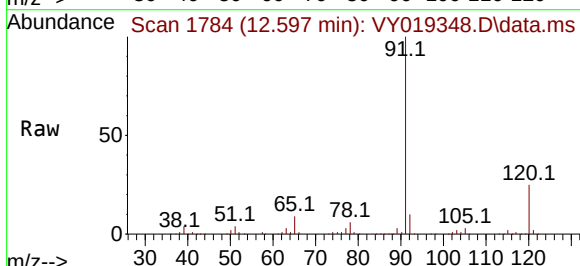
Acq: 28 Aug 2024 22:40

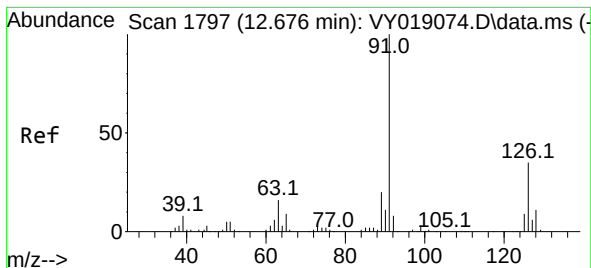
Tgt Ion: 91 Resp: 256694

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 36.364 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

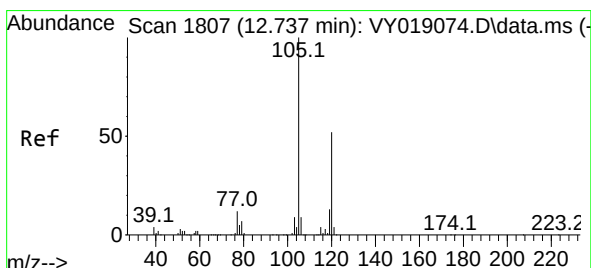
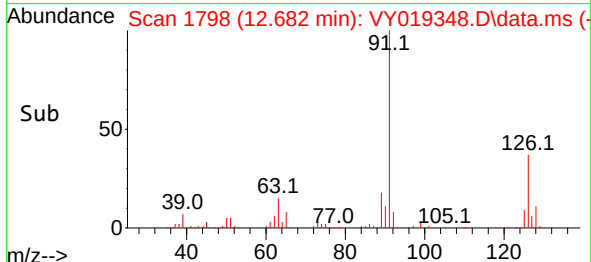
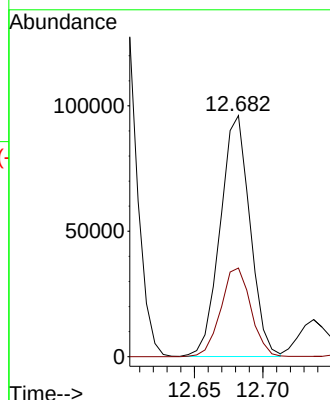
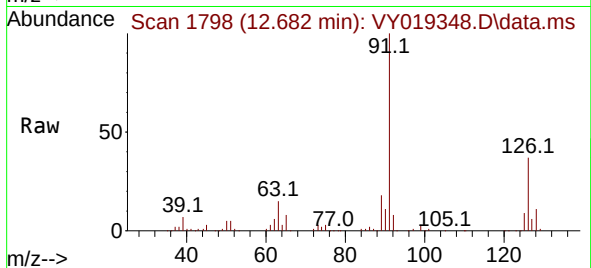
ClientSampleId :

Tgt Ion: 91 Resp: 145387

Ion Ratio Lower Upper

91 100

126 37.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 37.463 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019348.D

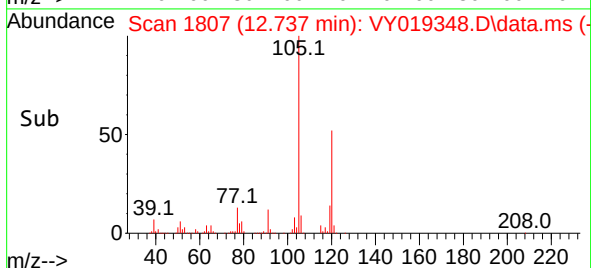
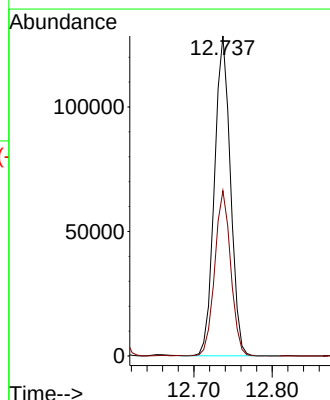
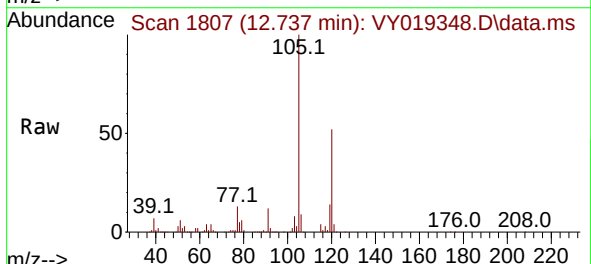
Acq: 28 Aug 2024 22:40

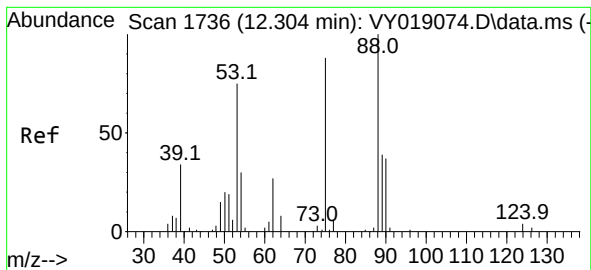
Tgt Ion: 105 Resp: 182065

Ion Ratio Lower Upper

105 100

120 51.6 25.1 75.2

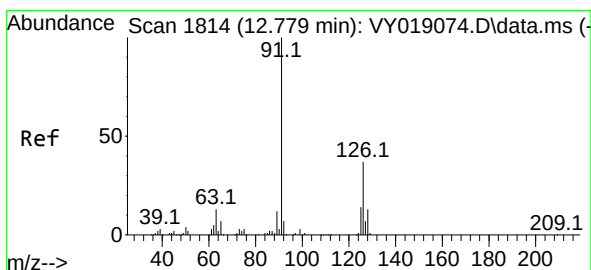
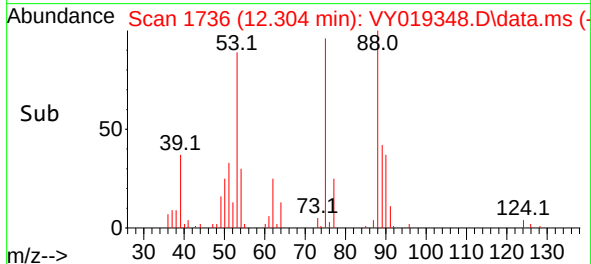
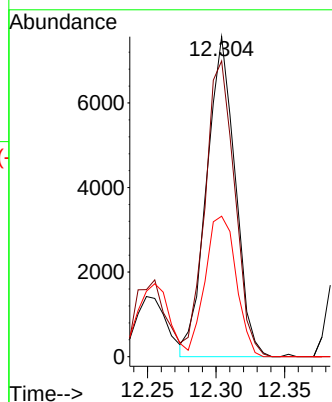
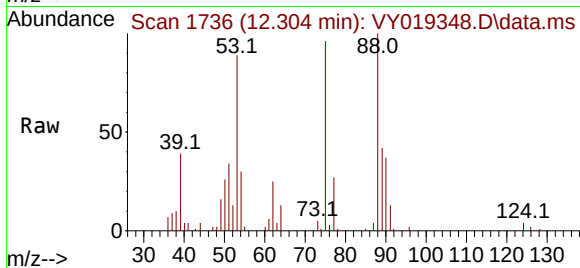




#81
trans-1,4-Dichloro-2-butene
Concen: 35.280 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

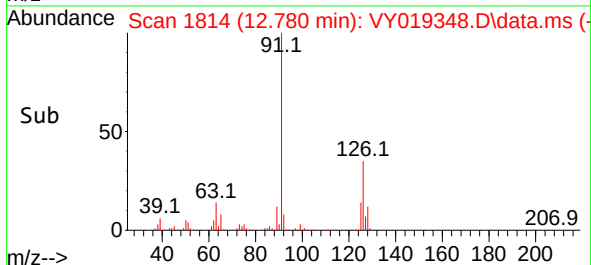
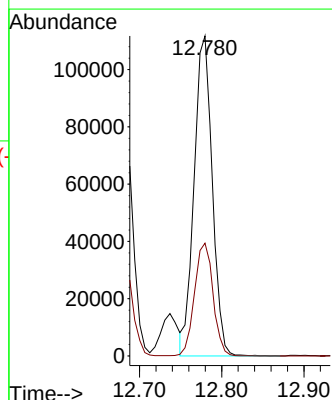
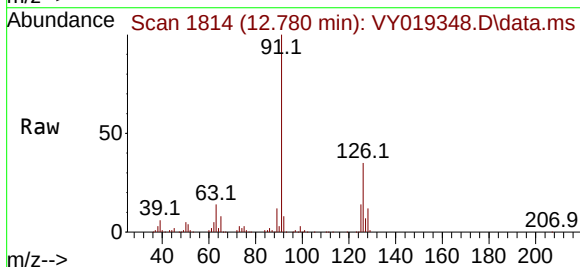
Instrument :
MSVOA_Y
ClientSampleId :

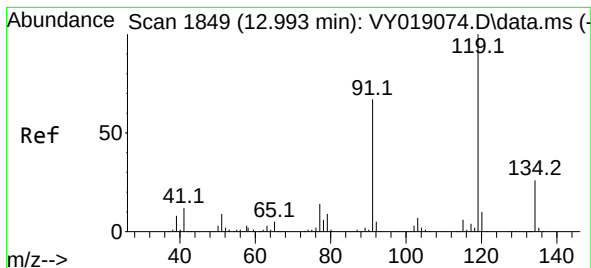
Tgt Ion:	75	Resp:	10965
Ion	Ratio	Lower	Upper
75	100		
53	95.8	66.8	100.2
89	47.5	35.8	53.6



#82
4-Chlorotoluene
Concen: 41.198 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019348.D
Acq: 28 Aug 2024 22:40

Tgt Ion:	91	Resp:	171368
Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.6	52.9





#83

tert-Butylbenzene

Concen: 49.310 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

ClientSampleId :

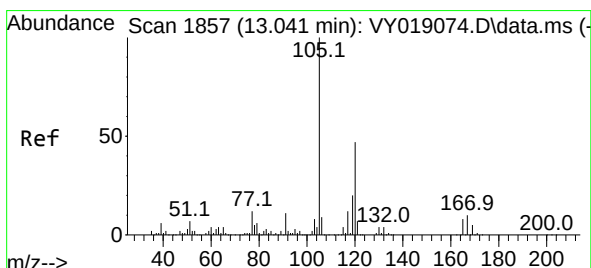
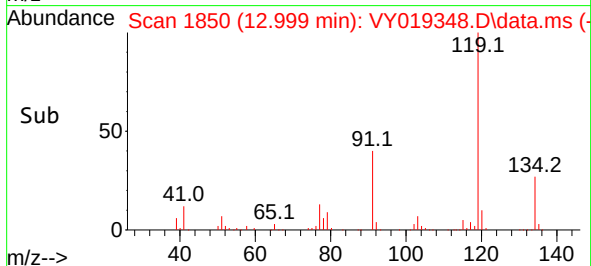
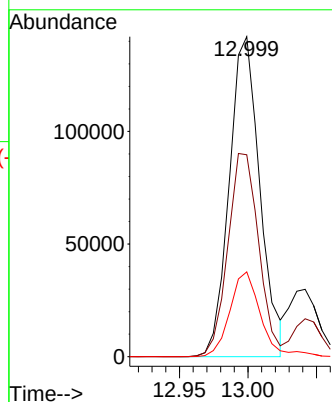
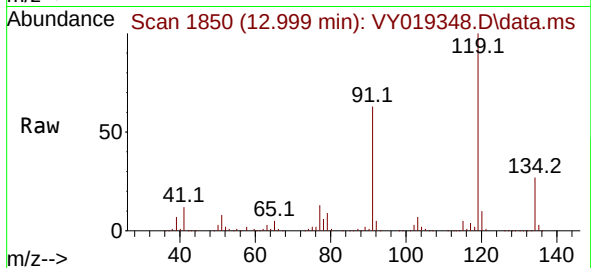
Tgt Ion:119 Resp: 221300

Ion Ratio Lower Upper

119 100

91 64.1 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.241 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019348.D

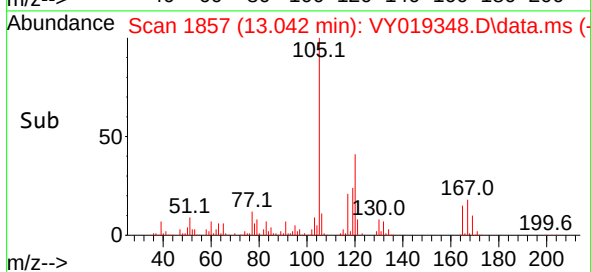
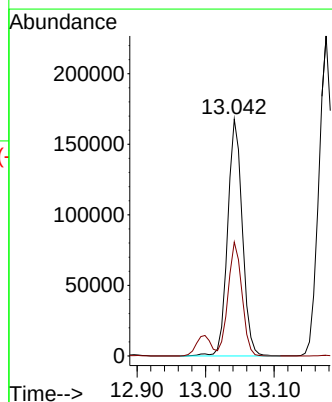
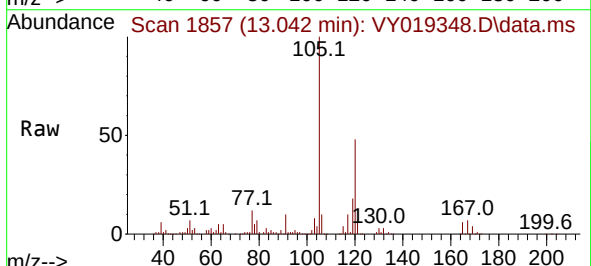
Acq: 28 Aug 2024 22:40

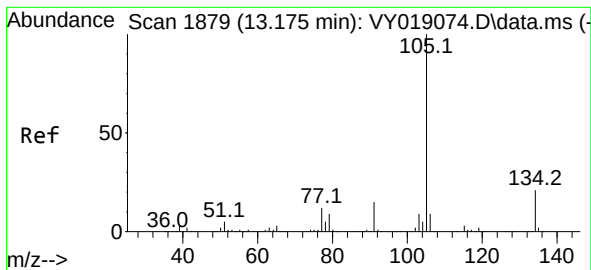
Tgt Ion:105 Resp: 248189

Ion Ratio Lower Upper

105 100

120 45.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 48.994 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

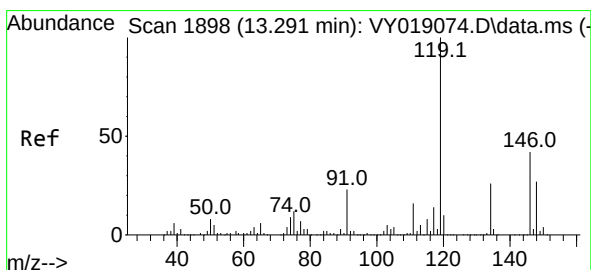
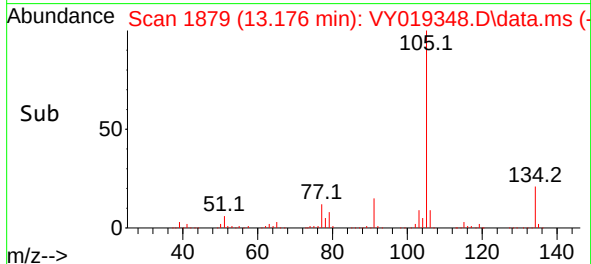
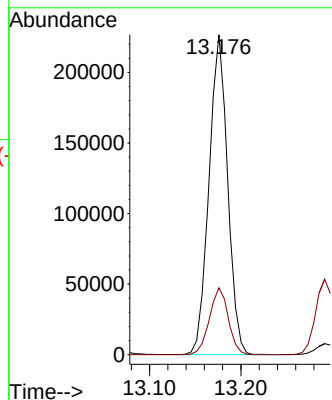
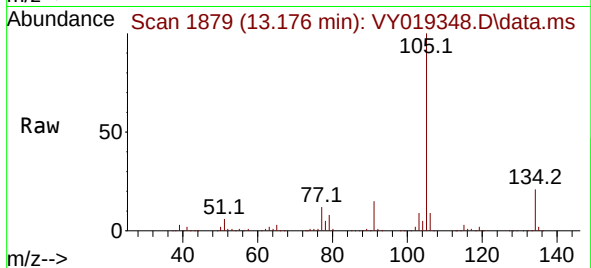
ClientSampleId :

Tgt Ion:105 Resp: 320429

Ion Ratio Lower Upper

105 100

134 21.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.780 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

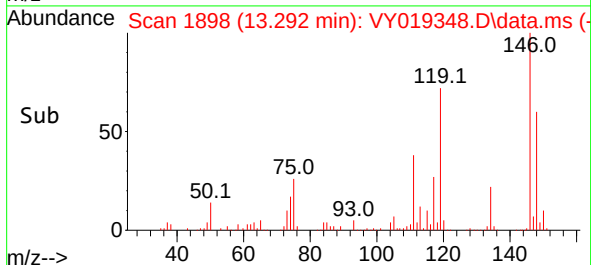
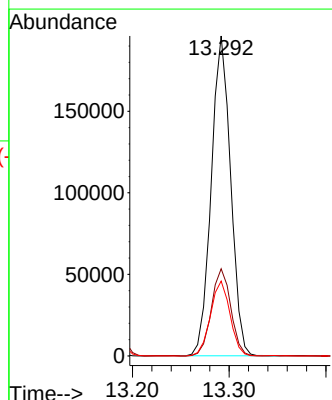
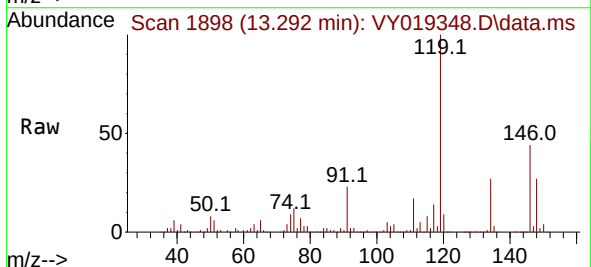
Tgt Ion:119 Resp: 272792

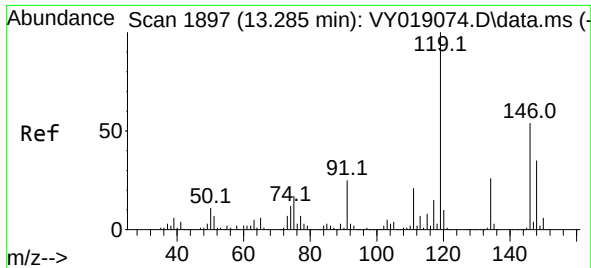
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 23.6 10.7 32.1

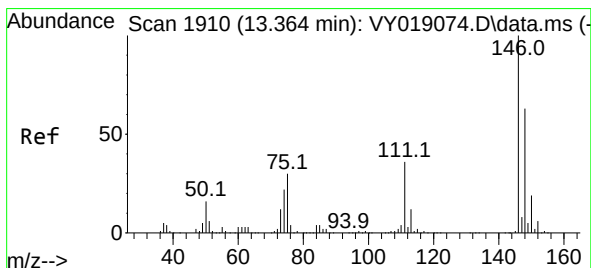
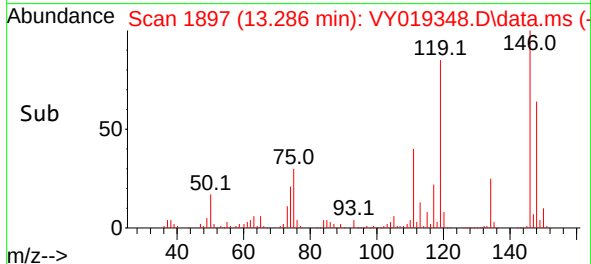
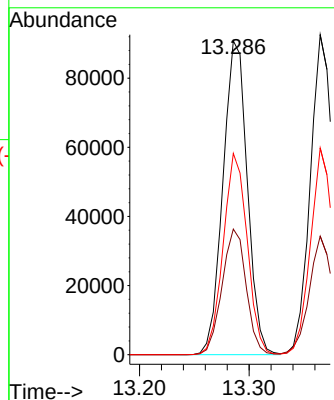
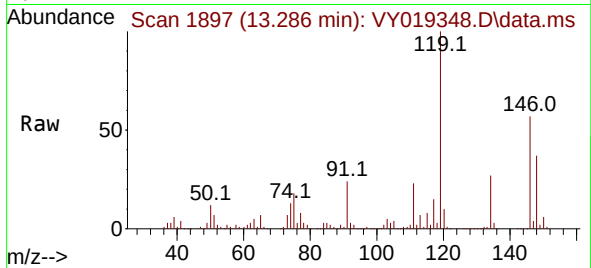




#87
 1,3-Dichlorobenzene
 Concen: 49.650 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY019348.D
 Acq: 28 Aug 2024 22:40

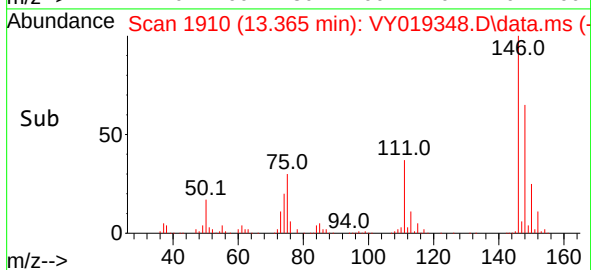
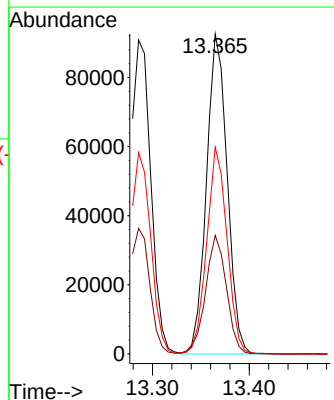
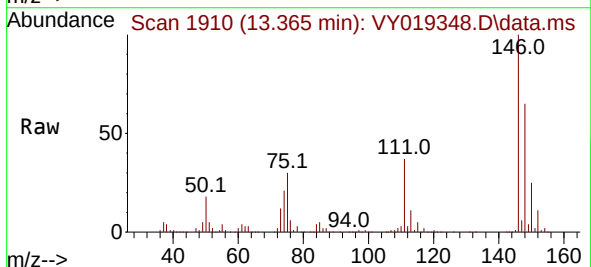
Instrument :
 MSVOA_Y
 ClientSampleId :

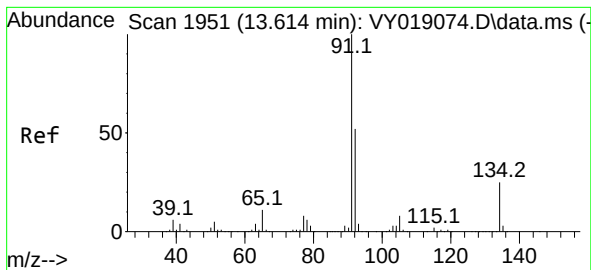
Tgt Ion:146 Resp: 140282
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.0 57.0
 148 63.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 49.165 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY019348.D
 Acq: 28 Aug 2024 22:40

Tgt Ion:146 Resp: 138083
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.4 55.4
 148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 49.194 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

ClientSampleId :

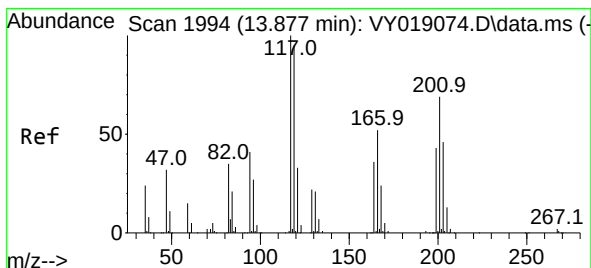
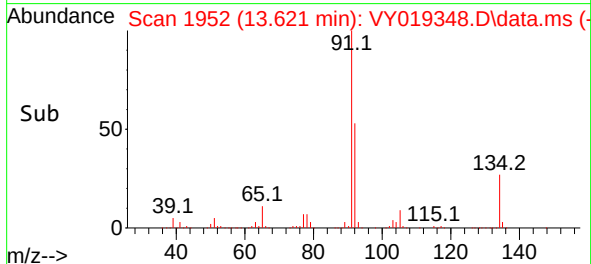
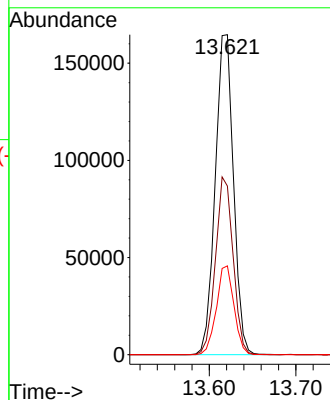
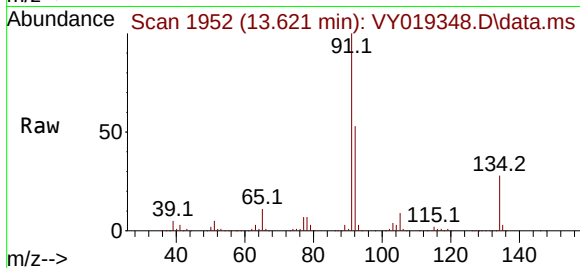
Tgt Ion: 91 Resp: 240939

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.7

134 26.8 12.9 38.7



#90

Hexachloroethane

Concen: 49.771 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY019348.D

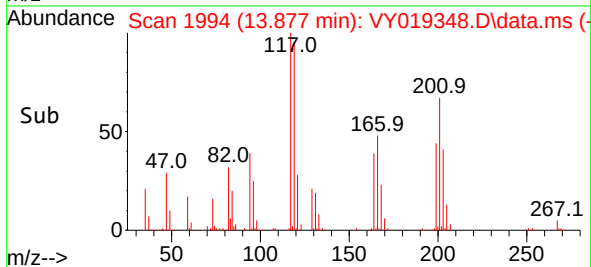
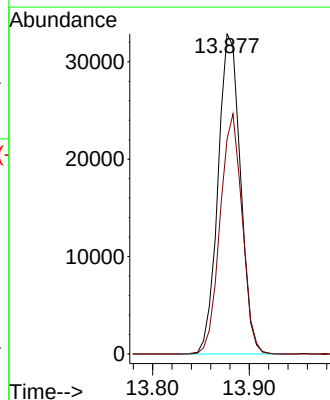
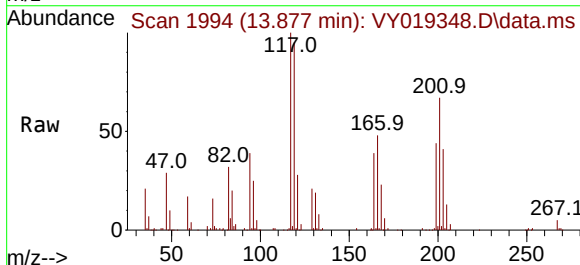
Acq: 28 Aug 2024 22:40

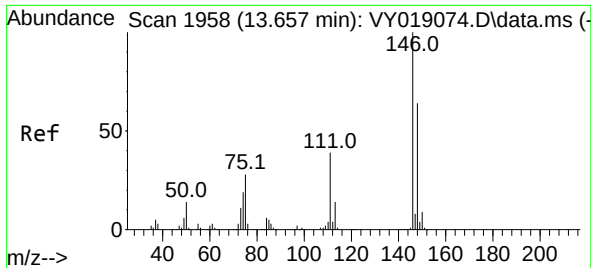
Tgt Ion: 117 Resp: 52700

Ion Ratio Lower Upper

117 100

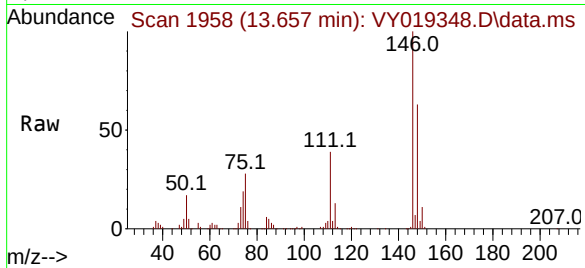
201 74.0 37.4 112.2



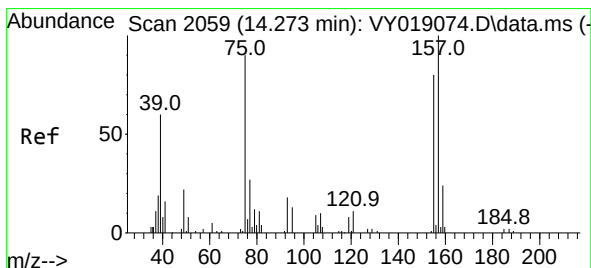
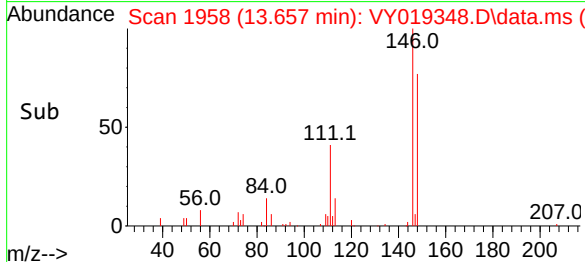
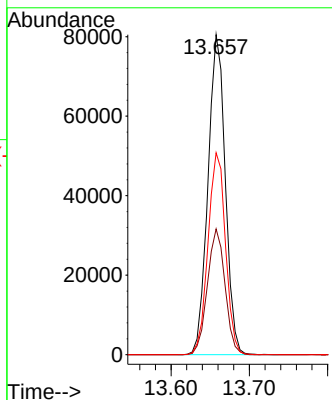


#91
 1,2-Dichlorobenzene
 Concen: 49.697 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY019348.D
 Acq: 28 Aug 2024 22:40

Instrument :
 MSVOA_Y
 ClientSampleId :

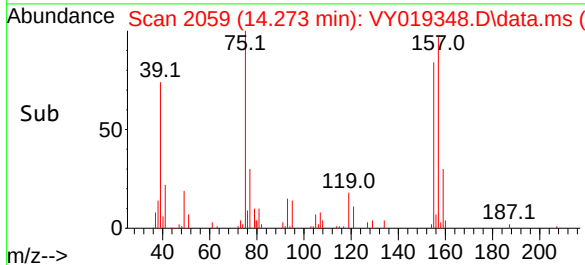
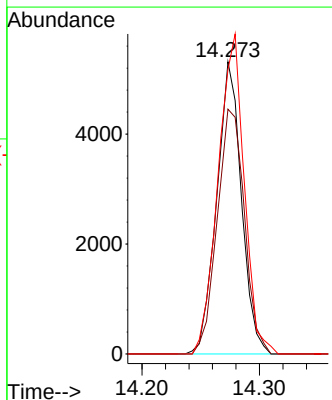
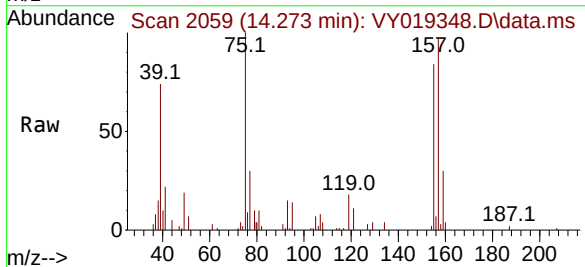


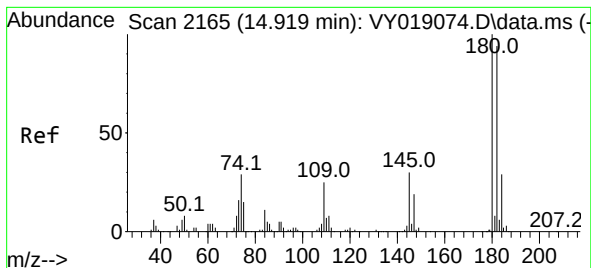
Tgt Ion:146 Resp: 123496
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.9 59.7
 148 63.7 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.745 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY019348.D
 Acq: 28 Aug 2024 22:40

Tgt Ion: 75 Resp: 7772
 Ion Ratio Lower Upper
 75 100
 155 92.2 48.6 145.8
 157 115.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 48.548 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

ClientSampleId :

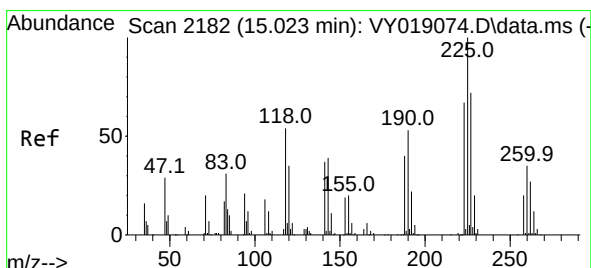
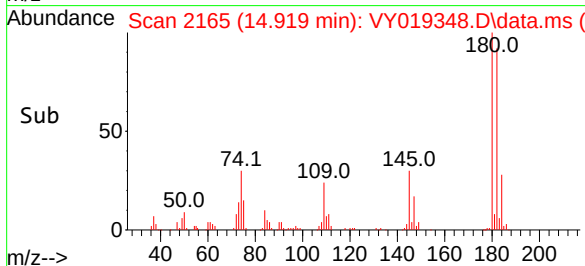
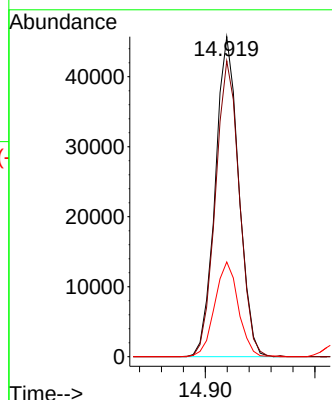
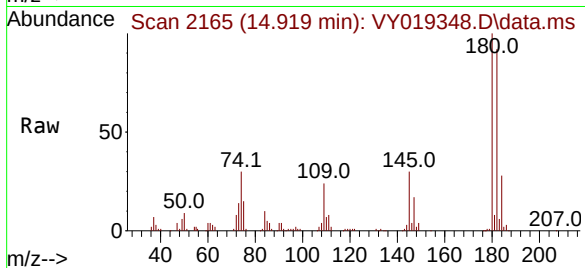
Tgt Ion:180 Resp: 68034

Ion Ratio Lower Upper

180 100

182 94.0 47.9 143.8

145 29.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.701 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

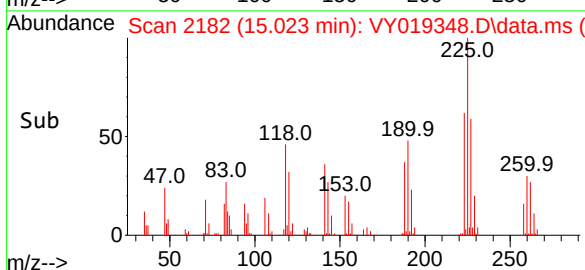
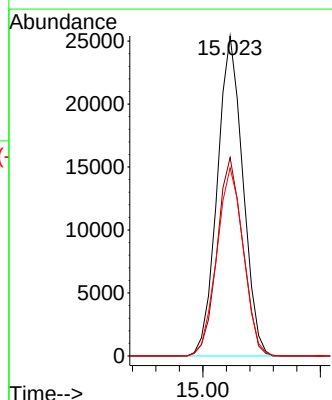
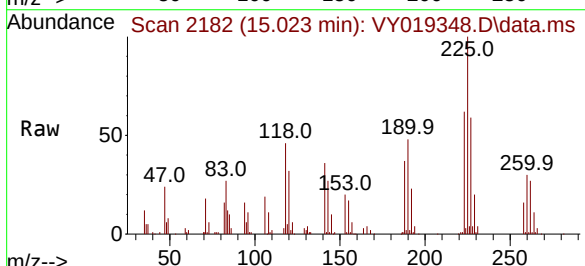
Tgt Ion:225 Resp: 38468

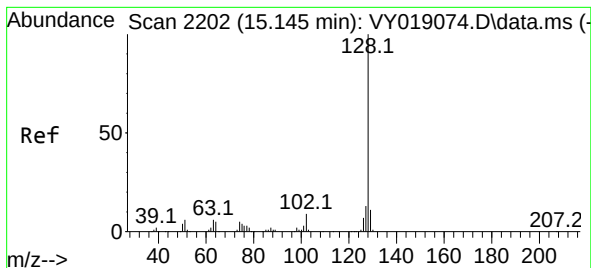
Ion Ratio Lower Upper

225 100

223 62.2 30.4 91.2

227 61.1 31.9 95.9





#95

Naphthalene

Concen: 48.786 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Instrument :

MSVOA_Y

ClientSampleId :

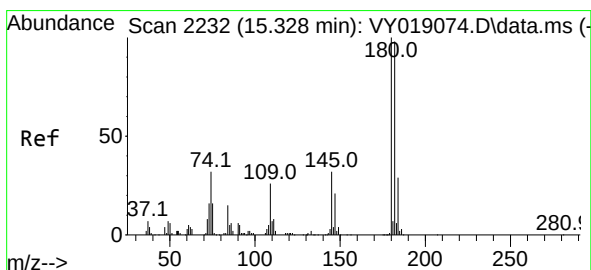
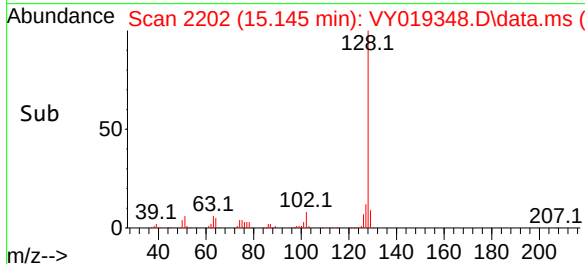
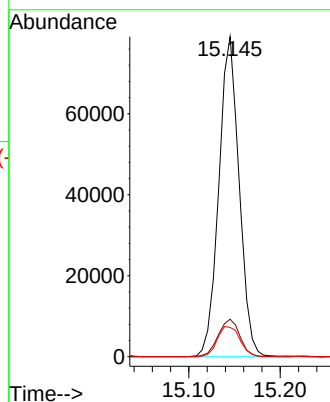
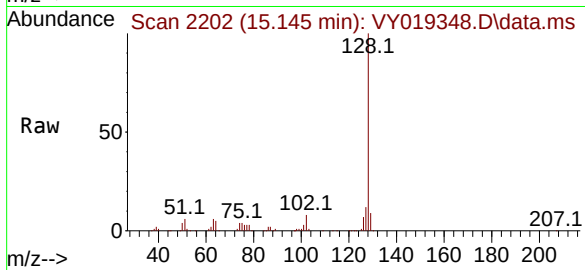
Tgt Ion:128 Resp: 122014

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.636 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019348.D

Acq: 28 Aug 2024 22:40

Tgt Ion:180 Resp: 58667

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.9

145 30.1 15.4 46.1

