

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019189.D
 Acq On : 21 Aug 2024 23:05
 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 22 01:22:52 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	117531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	194042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	172121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	87346	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	64833	55.029	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.060%	
35) Dibromofluoromethane	7.628	113	64247	50.638	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.280%	
50) Toluene-d8	10.103	98	230767	50.542	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.080%	
62) 4-Bromofluorobenzene	12.407	95	78175	50.225	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	36978	42.883	ug/l	99
3) Chloromethane	2.062	50	72806	46.842	ug/l	95
4) Vinyl Chloride	2.202	62	82178	42.804	ug/l	98
5) Bromomethane	2.592	94	55087	46.590	ug/l	91
6) Chloroethane	2.732	64	51922	41.838	ug/l	95
7) Trichlorofluoromethane	3.049	101	117987	40.648	ug/l	98
8) Diethyl Ether	3.452	74	29628	47.289	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.811	101	55377	42.914	ug/l	99
10) Methyl Iodide	4.000	142	71902	56.847	ug/l	94
11) Tert butyl alcohol	4.860	59	20655	196.949	ug/l #	85
12) 1,1-Dichloroethene	3.781	96	54261	46.283	ug/l	93
13) Acrolein	3.647	56	16445	180.363	ug/l	92
14) Allyl chloride	4.378	41	78611	50.433	ug/l	91
15) Acrylonitrile	5.049	53	63562	247.942	ug/l	98
16) Acetone	3.860	43	54932	251.413	ug/l #	87
17) Carbon Disulfide	4.098	76	154291	46.660	ug/l	97
18) Methyl Acetate	4.378	43	33813	50.424	ug/l	94
19) Methyl tert-butyl Ether	5.110	73	145763	51.283	ug/l	97
20) Methylene Chloride	4.610	84	69605	51.629	ug/l	95
21) trans-1,2-Dichloroethene	5.104	96	64125	48.958	ug/l	95
22) Diisopropyl ether	6.012	45	188391	52.796	ug/l #	92
23) Vinyl Acetate	5.951	43	708837	250.910	ug/l	95
24) 1,1-Dichloroethane	5.909	63	109181	50.033	ug/l	100
25) 2-Butanone	6.884	43	86081	244.635	ug/l	93
26) 2,2-Dichloropropane	6.872	77	86710	49.069	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	77362	50.189	ug/l	97
28) Bromochloromethane	7.238	49	47167	51.527	ug/l	95
29) Tetrahydrofuran	7.256	42	54789	242.220	ug/l	90
30) Chloroform	7.408	83	125844	51.754	ug/l	99
31) Cyclohexane	7.689	56	81300	48.077	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	108599	50.820	ug/l	96
36) 1,1-Dichloropropene	7.829	75	82865	47.562	ug/l	99
37) Ethyl Acetate	6.976	43	39229	50.822	ug/l	97
38) Carbon Tetrachloride	7.811	117	97395	48.238	ug/l	95
39) Methylcyclohexane	9.103	83	88590	39.624	ug/l	97
40) Benzene	8.073	78	262284	49.086	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	20953	49.733	ug/l	91
42) 1,2-Dichloroethane	8.146	62	74196	51.421	ug/l	96
43) Isopropyl Acetate	8.189	43	76192	48.807	ug/l #	82
44) Trichloroethene	8.859	130	68446	45.908	ug/l	95
45) 1,2-Dichloropropane	9.140	63	52923	44.454	ug/l	94
46) Dibromomethane	9.225	93	34435	44.596	ug/l	99
47) Bromodichloromethane	9.420	83	93898	49.566	ug/l	99
48) Methyl methacrylate	9.219	41	30517	43.864	ug/l	90
49) 1,4-Dioxane	9.225	88	7753	828.872	ug/l #	97
51) 4-Methyl-2-Pentanone	9.999	43	204630	246.972	ug/l	92
52) Toluene	10.170	92	175982	50.173	ug/l	94
53) t-1,3-Dichloropropene	10.396	75	81163	51.648	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	94299	49.896	ug/l #	88
55) 1,1,2-Trichloroethane	10.572	97	48776	49.069	ug/l	97
56) Ethyl methacrylate	10.438	69	65071	50.012	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	80547	49.707	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	151093	244.789	ug/l	97
59) 2-Hexanone	10.761	43	141106	247.888	ug/l	90
60) Dibromochloromethane	10.914	129	67875	50.133	ug/l	100
61) 1,2-Dibromoethane	11.017	107	48803	50.796	ug/l	95
64) Tetrachloroethene	10.646	164	75642	50.278	ug/l	98
65) Chlorobenzene	11.444	112	191565	48.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	69393	49.788	ug/l	96
67) Ethyl Benzene	11.517	91	331004	48.118	ug/l	97
68) m/p-Xylenes	11.627	106	263931	96.696	ug/l	99
69) o-Xylene	11.956	106	128293	50.756	ug/l	96
70) Styrene	11.969	104	216352	50.194	ug/l	97
71) Bromoform	12.133	173	40638	51.006	ug/l #	97
73) Isopropylbenzene	12.255	105	321213	47.981	ug/l	100
74) N-amyl acetate	12.072	43	72003	49.323	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.511	83	53939	45.257	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	69544	80.735	ug/l #	100
77) Bromobenzene	12.536	156	76439	47.543	ug/l	99
78) n-propylbenzene	12.596	91	379735	47.449	ug/l	99
79) 2-Chlorotoluene	12.682	91	217621	48.502	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	265453	48.673	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	16588	47.559	ug/l #	84
82) 4-Chlorotoluene	12.779	91	226153	48.447	ug/l	99
83) tert-Butylbenzene	12.999	119	235243	46.708	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	265563	48.856	ug/l	99
85) sec-Butylbenzene	13.176	105	343332	46.779	ug/l	98
86) p-Isopropyltoluene	13.298	119	292257	48.478	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	150213	47.375	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	149893	47.557	ug/l	98
89) n-Butylbenzene	13.621	91	255527	46.490	ug/l	99
90) Hexachloroethane	13.883	117	56210	47.304	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	132115	47.376	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	8563	48.839	ug/l	91
93) 1,2,4-Trichlorobenzene	14.925	180	73259	46.583	ug/l	97
94) Hexachlorobutadiene	15.029	225	40731	49.724	ug/l	98
95) Naphthalene	15.151	128	131970	47.020	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	63771	48.078	ug/l	99

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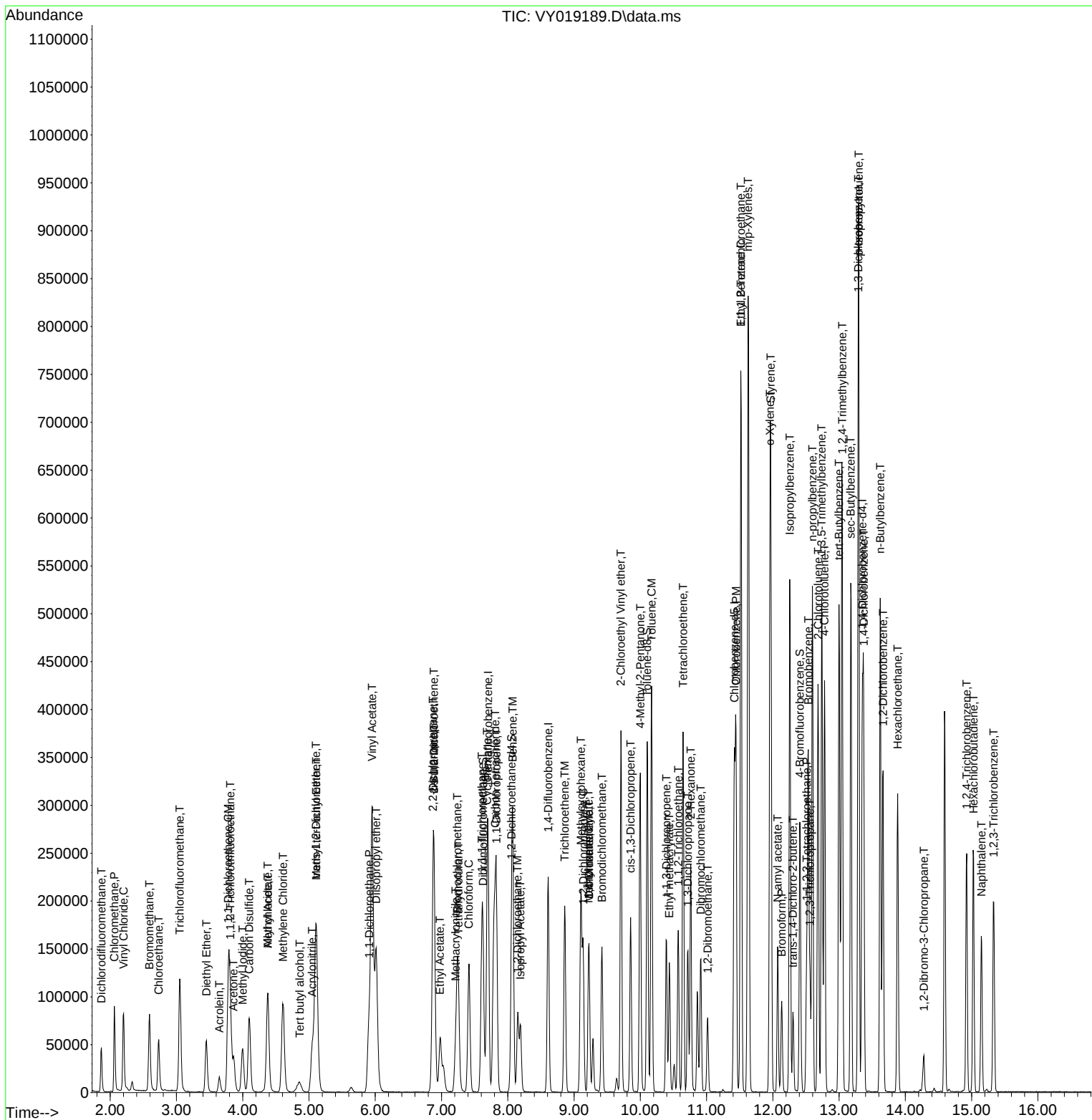
Instrument :
MSVOA_Y
ClientSampleId :

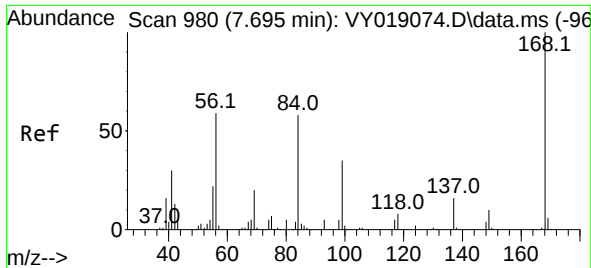
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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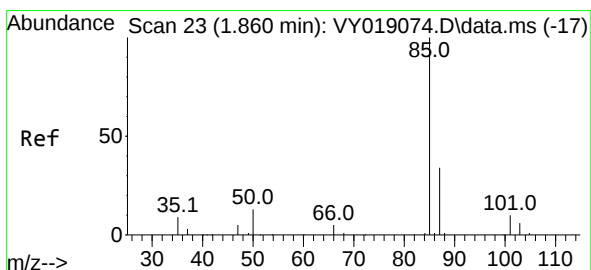
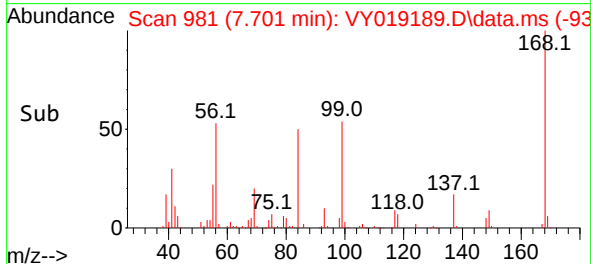
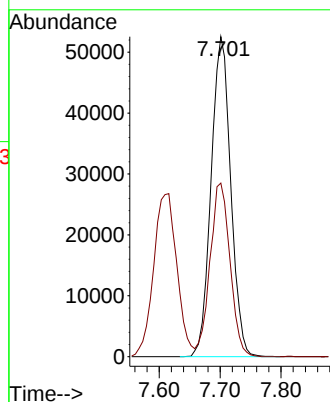
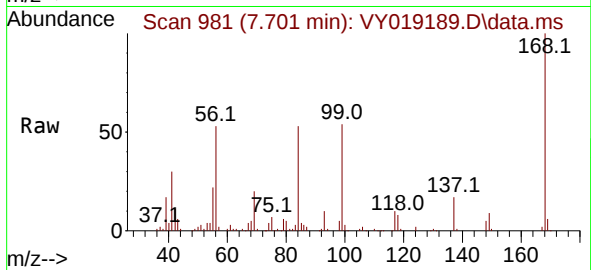




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019189.D
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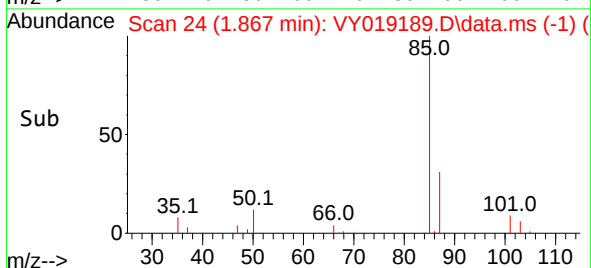
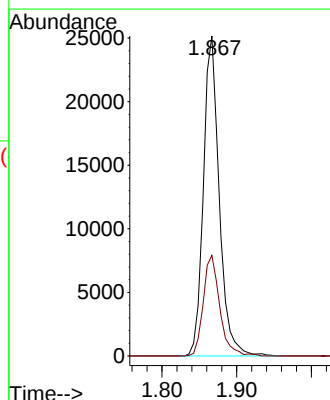
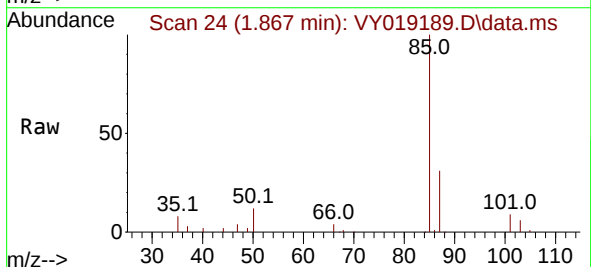
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 117531
Ion Ratio Lower Upper
168 100
99 54.2 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 42.883 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion: 85 Resp: 36978
Ion Ratio Lower Upper
85 100
87 31.5 16.0 48.0

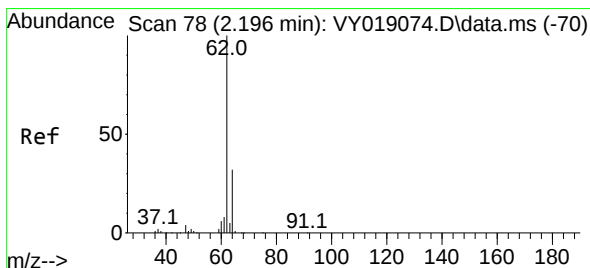
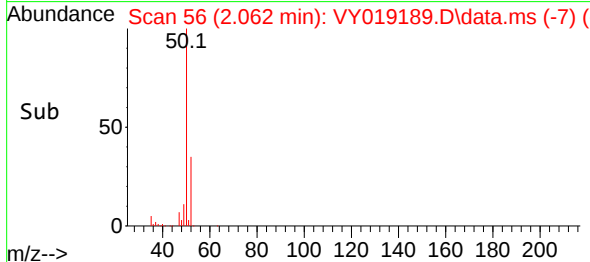
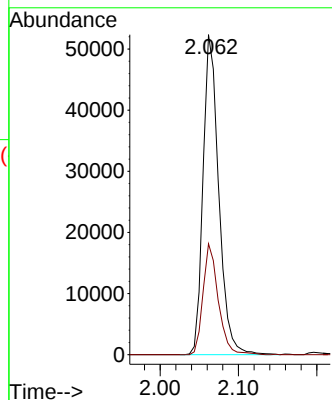
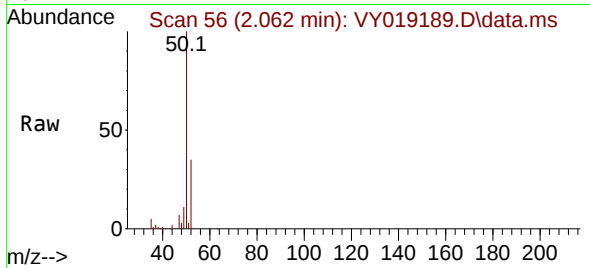




#3
Chloromethane
Concen: 46.842 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

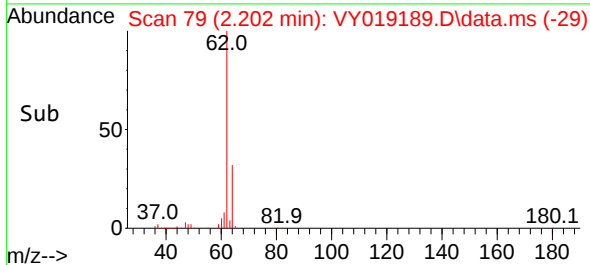
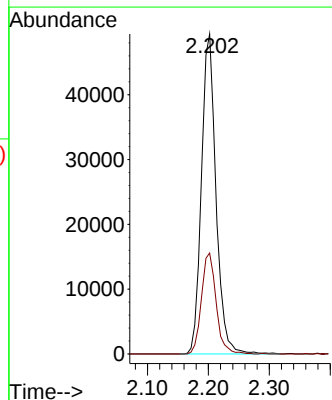
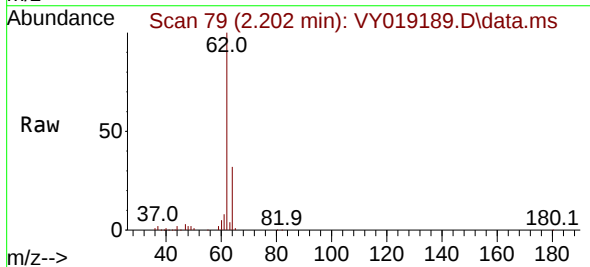
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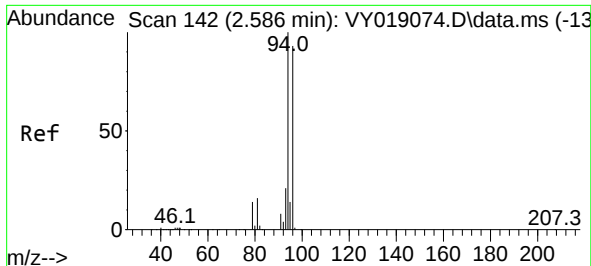
Tgt Ion: 50 Resp: 72806
Ion Ratio Lower Upper
50 100
52 34.7 25.6 38.4



#4
Vinyl Chloride
Concen: 42.804 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion: 62 Resp: 82178
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1

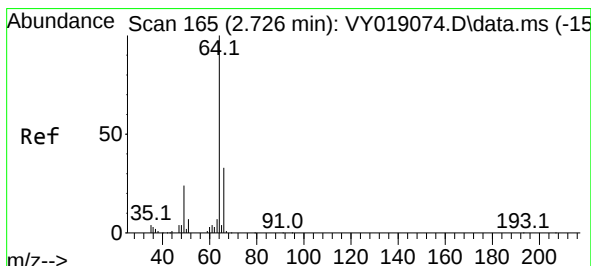
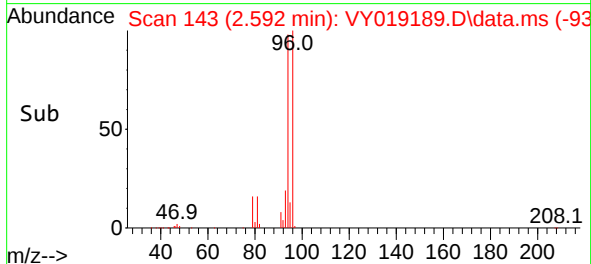
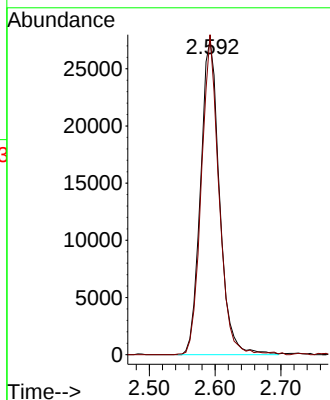
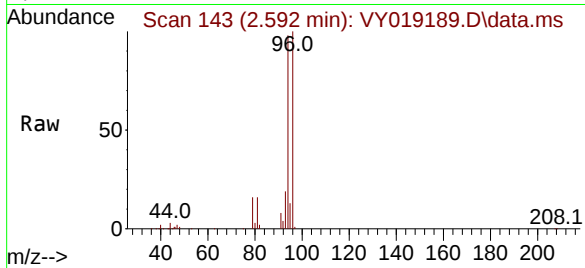




#5
Bromomethane
Concen: 46.590 ug/l
RT: 2.592 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

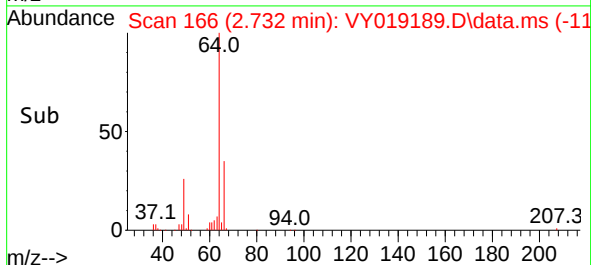
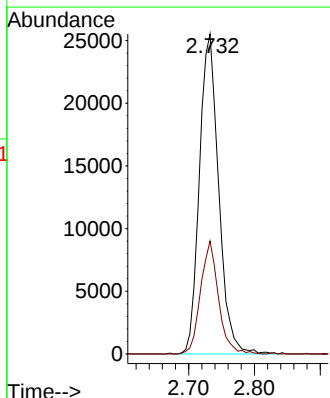
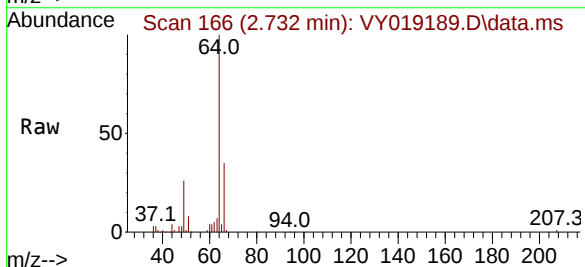
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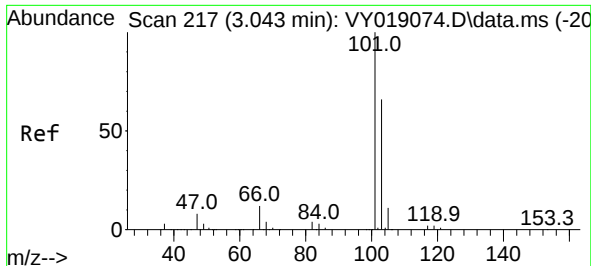
Tgt Ion: 94 Resp: 55087
Ion Ratio Lower Upper
94 100
96 101.6 74.1 111.1



#6
Chloroethane
Concen: 41.838 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion: 64 Resp: 51922
Ion Ratio Lower Upper
64 100
66 35.3 26.1 39.1

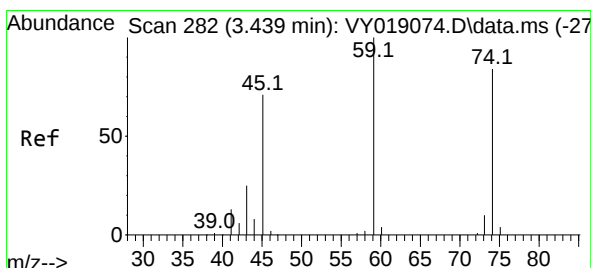
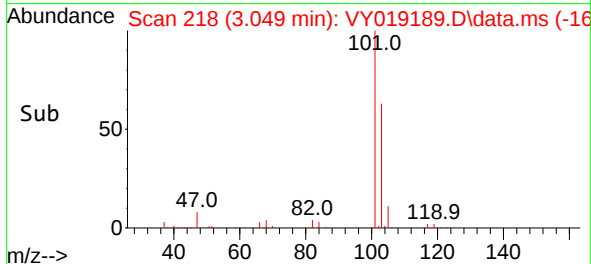
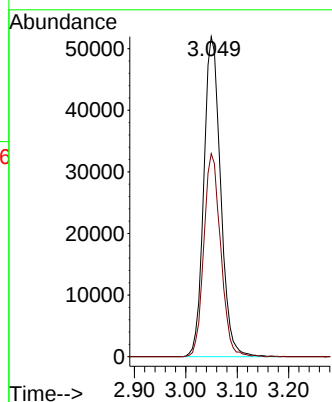
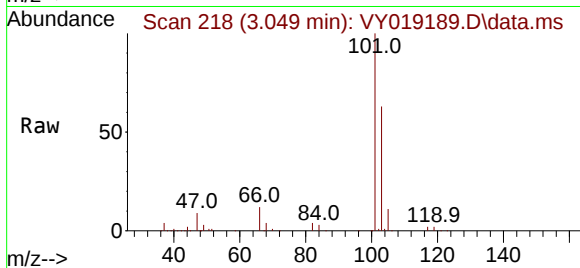




#7
 Trichlorofluoromethane
 Concen: 40.648 ug/l
 RT: 3.049 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VY019189.D
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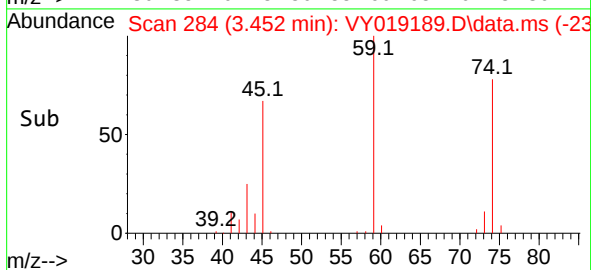
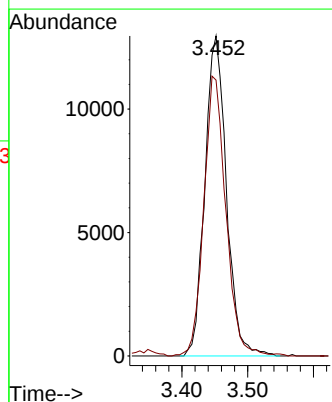
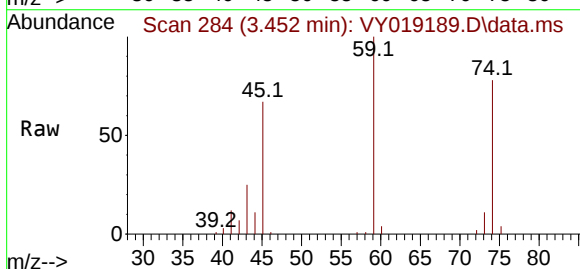
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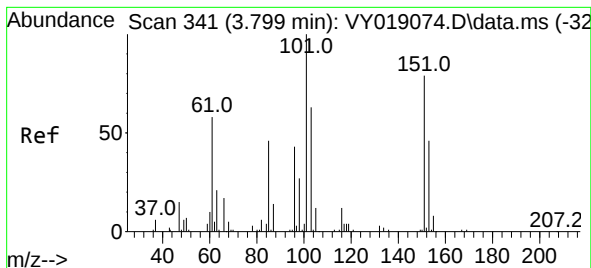
Tgt Ion:101 Resp: 117987
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 47.289 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.012 min
 Lab File: VY019189.D
 Acq: 21 Aug 2024 23:05

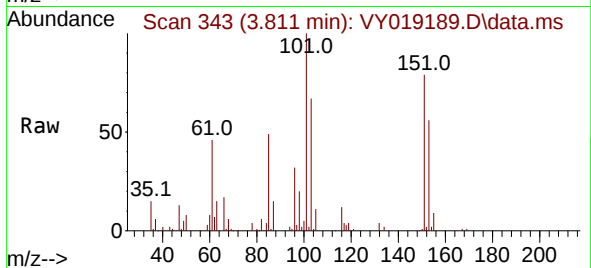
Tgt Ion: 74 Resp: 29628
 Ion Ratio Lower Upper
 74 100
 45 89.1 41.3 124.1



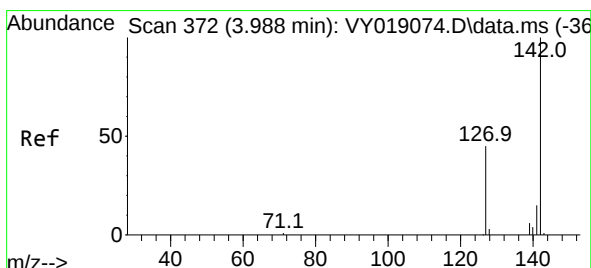
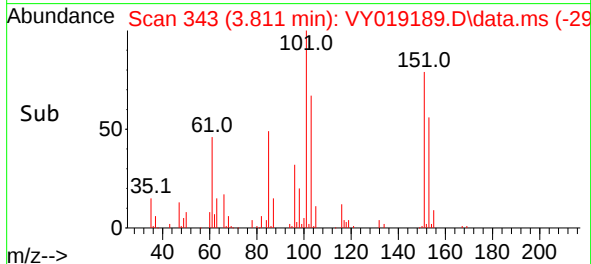
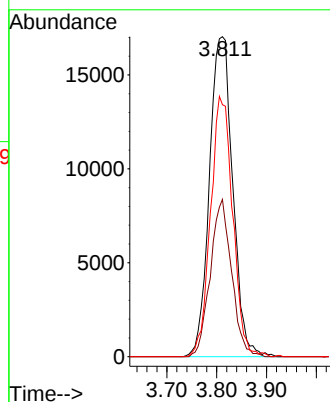


#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.914 ug/l
RT: 3.811 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY019189.D
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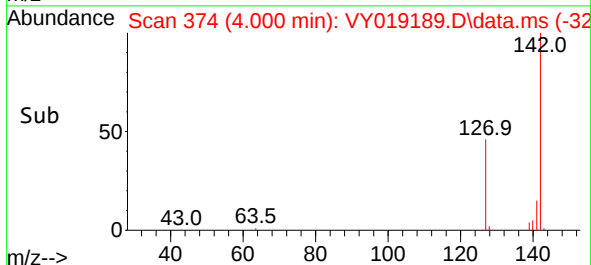
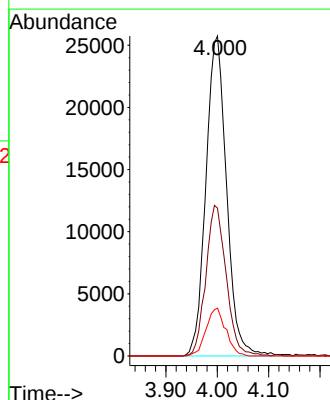
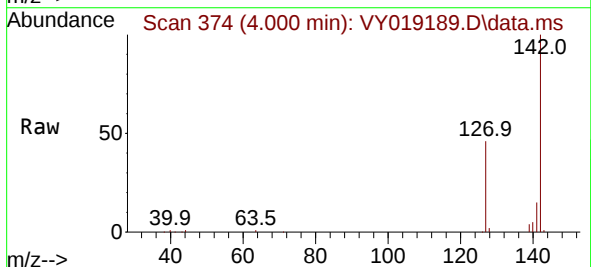


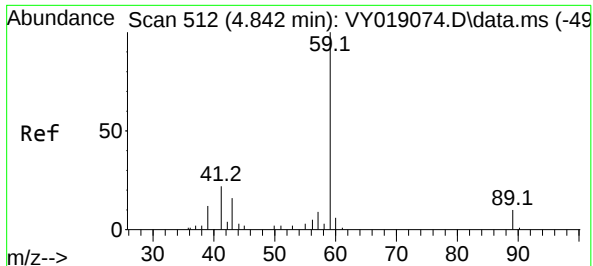
Tgt Ion:101 Resp: 55377
Ion Ratio Lower Upper
101 100
85 44.9 34.5 51.7
151 77.4 61.7 92.5



#10
Methyl Iodide
Concen: 56.847 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion:142 Resp: 71902
Ion Ratio Lower Upper
142 100
127 46.4 32.8 49.2
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 196.949 ug/l

RT: 4.860 min Scan# 512

Delta R.T. 0.018 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

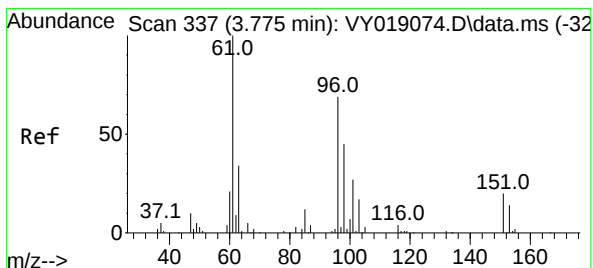
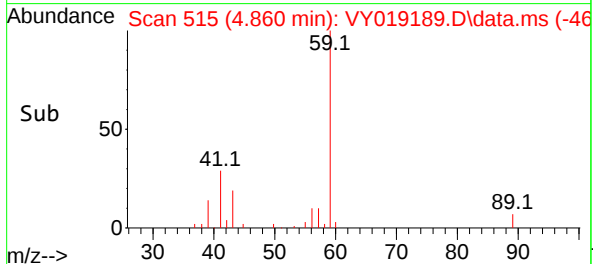
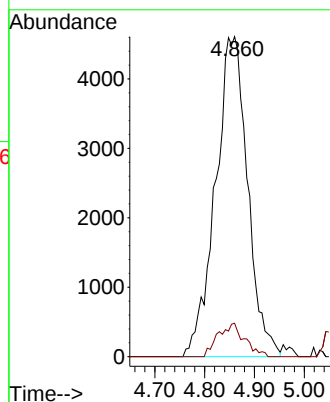
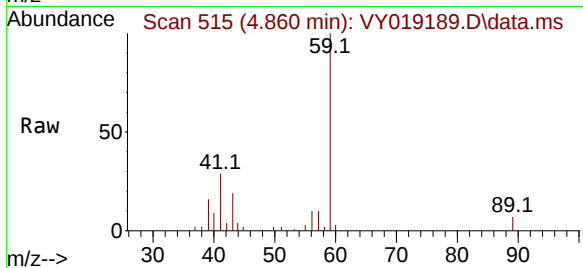
ClientSampleId :

Tgt Ion: 59 Resp: 20655

Ion Ratio Lower Upper

59 100

57 8.6 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 46.283 ug/l

RT: 3.781 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

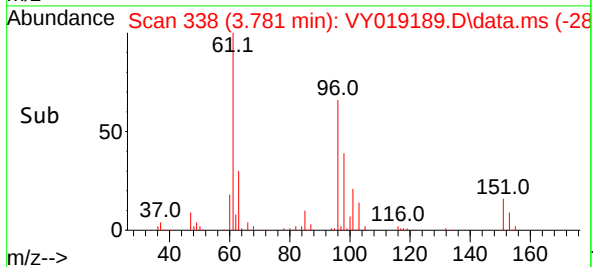
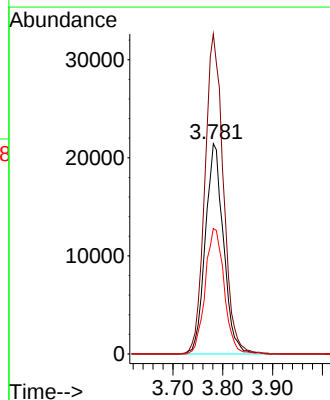
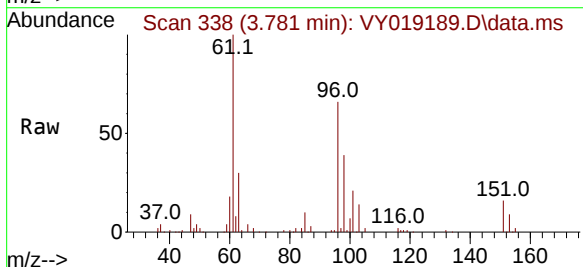
Tgt Ion: 96 Resp: 54261

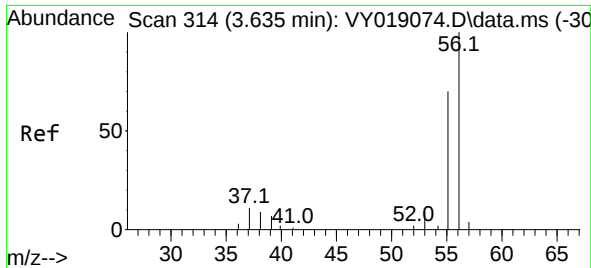
Ion Ratio Lower Upper

96 100

61 152.2 114.6 171.8

98 59.7 50.8 76.2





#13

Acrolein

Concen: 180.363 ug/l

RT: 3.647 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

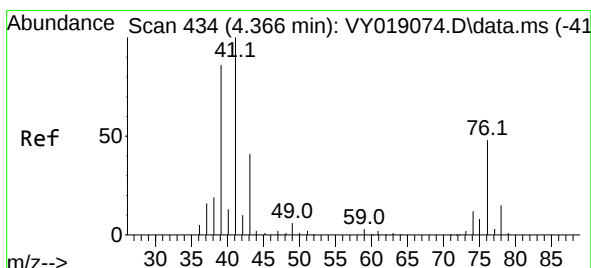
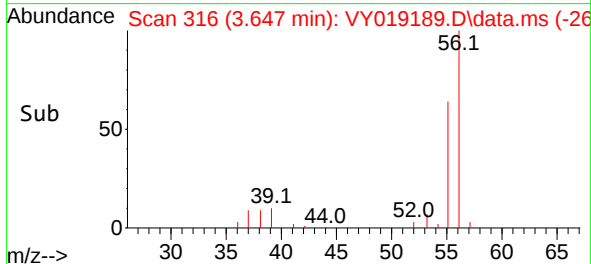
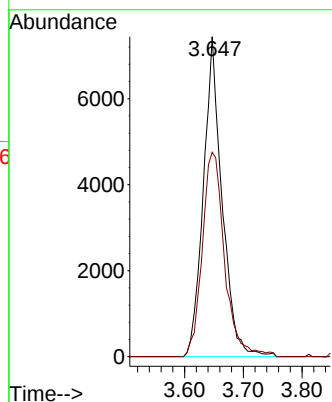
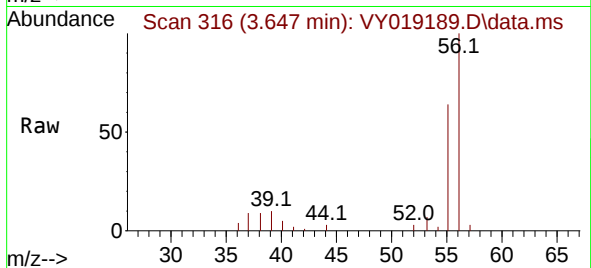
ClientSampleId :

Tgt Ion: 56 Resp: 16445

Ion Ratio Lower Upper

56 100

55 76.2 55.7 83.5



#14

Allyl chloride

Concen: 50.433 ug/l

RT: 4.378 min Scan# 436

Delta R.T. 0.012 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

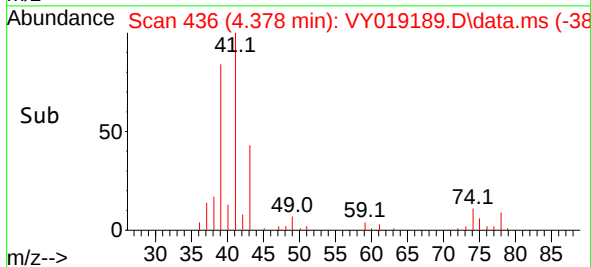
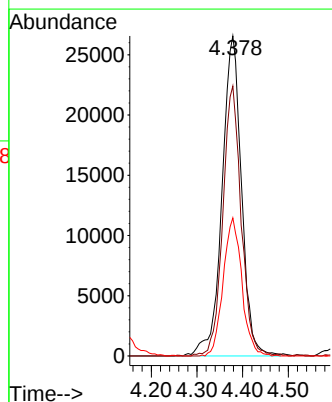
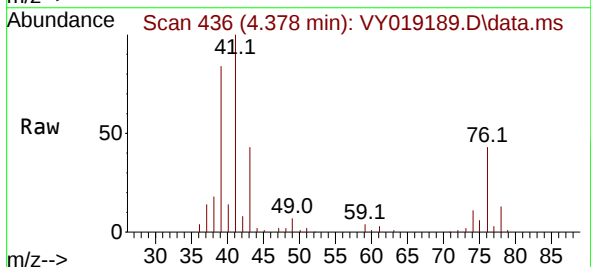
Tgt Ion: 41 Resp: 78611

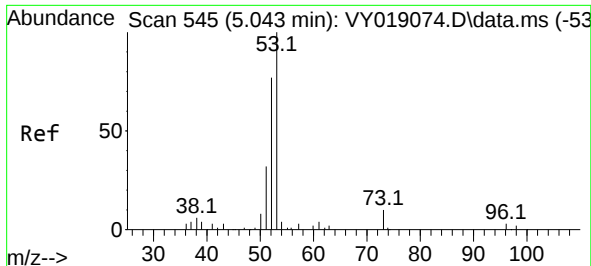
Ion Ratio Lower Upper

41 100

39 79.7 58.3 87.5

76 41.4 39.0 58.6

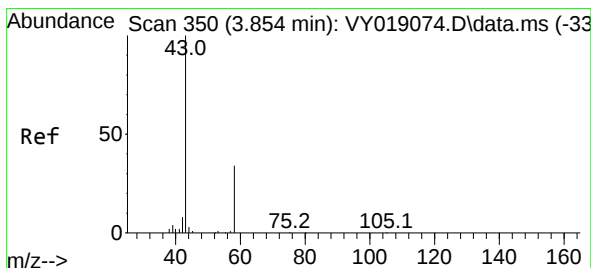
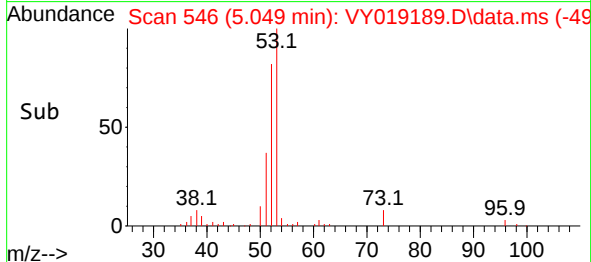
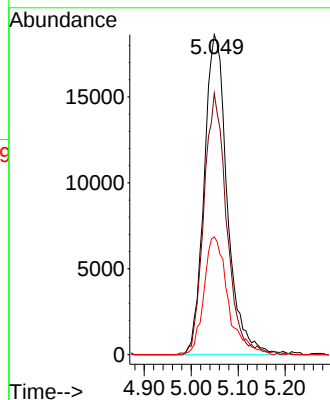
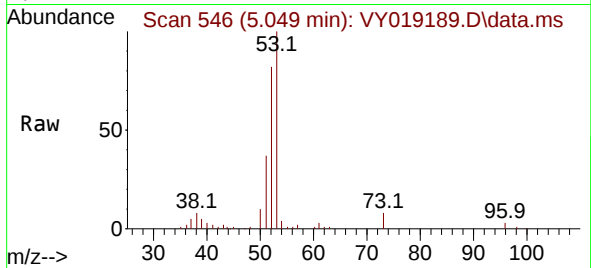




#15
Acrylonitrile
Concen: 247.942 ug/l
RT: 5.049 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

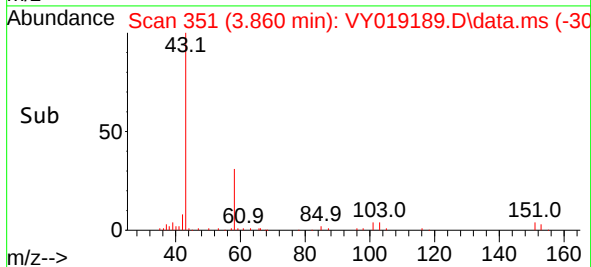
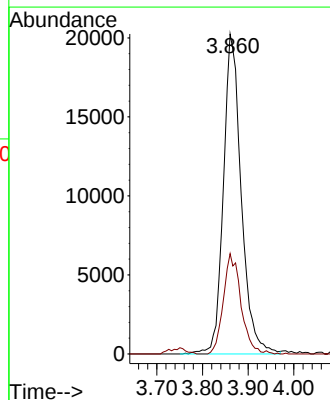
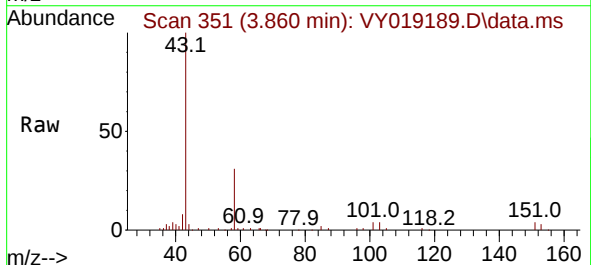
Instrument :
MSVOA_Y
ClientSampleId :

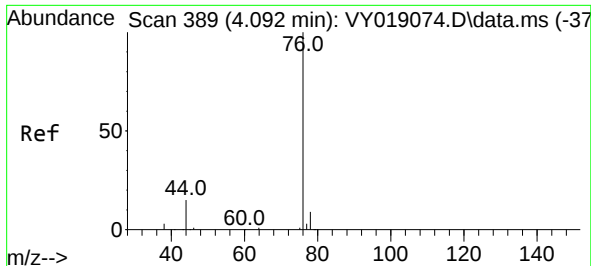
Tgt Ion: 53 Resp: 63562
Ion Ratio Lower Upper
53 100
52 80.7 64.7 97.1
51 38.5 28.4 42.6



#16
Acetone
Concen: 251.413 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion: 43 Resp: 54932
Ion Ratio Lower Upper
43 100
58 31.4 31.7 47.5#

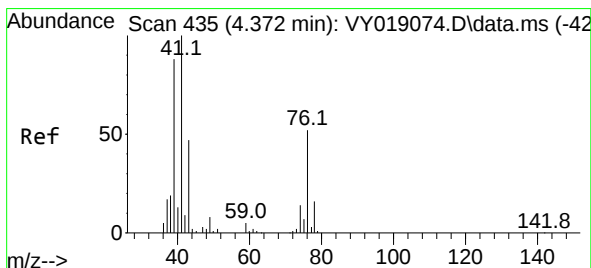
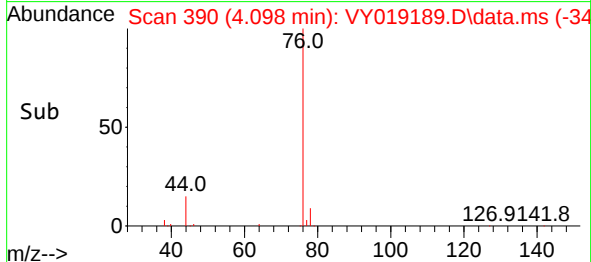
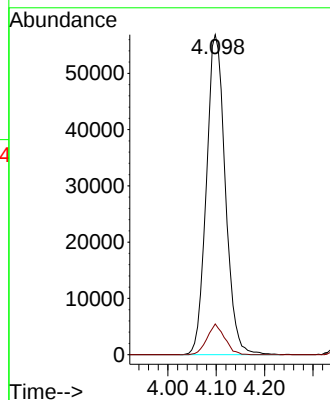
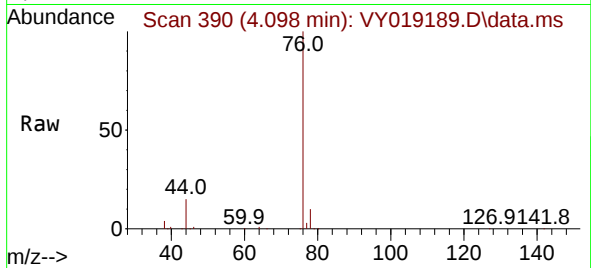




#17
Carbon Disulfide
Concen: 46.660 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

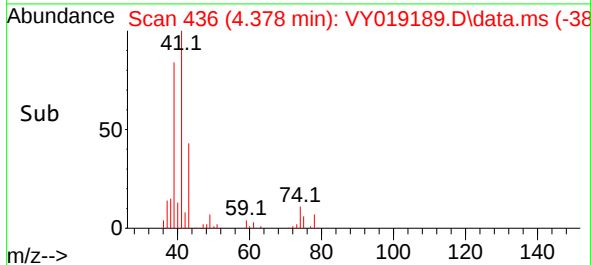
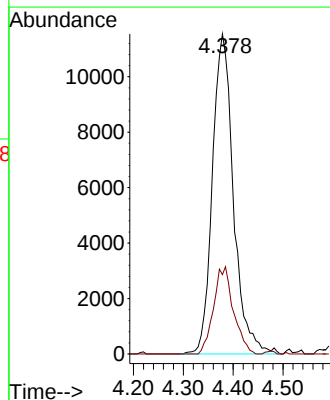
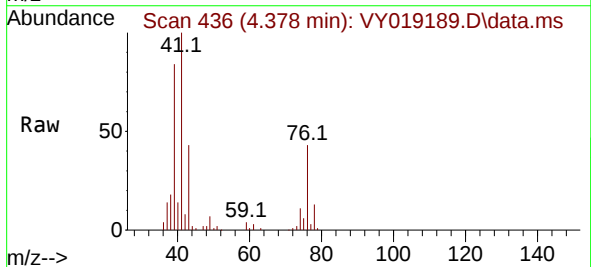
Instrument :
MSVOA_Y
ClientSampleId :

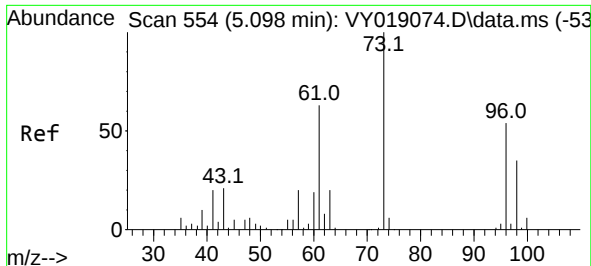
Tgt Ion: 76 Resp: 154291
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 50.424 ug/l
RT: 4.378 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion: 43 Resp: 33813
Ion Ratio Lower Upper
43 100
74 25.7 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 51.283 ug/l

RT: 5.110 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

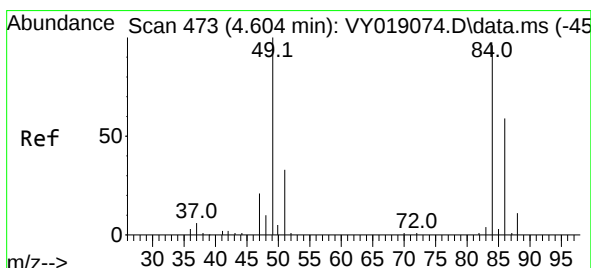
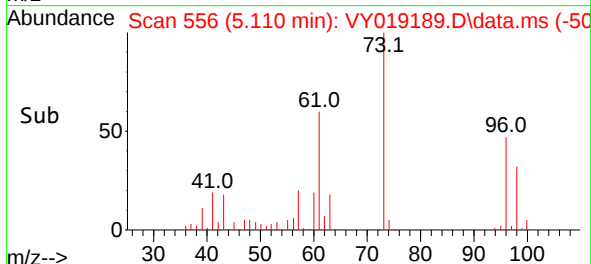
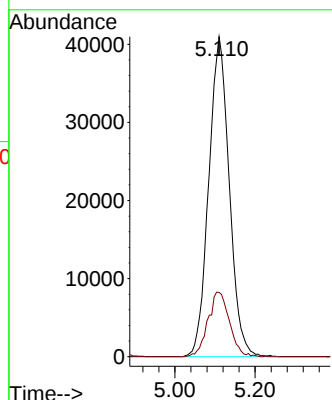
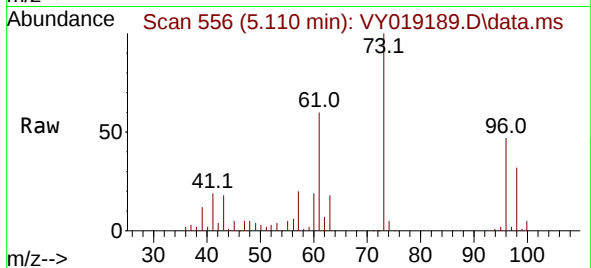
ClientSampleId :

Tgt Ion: 73 Resp: 145763

Ion Ratio Lower Upper

73 100

57 20.1 17.3 25.9



#20

Methylene Chloride

Concen: 51.629 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Tgt Ion: 84 Resp: 69605

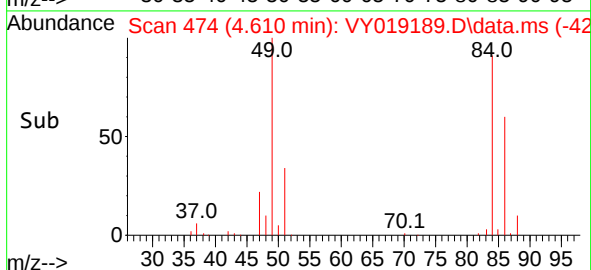
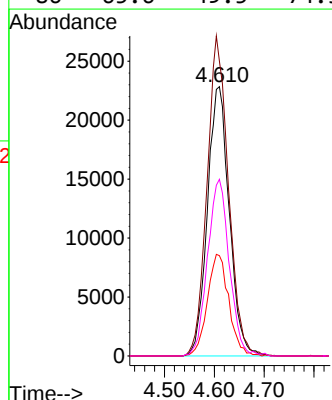
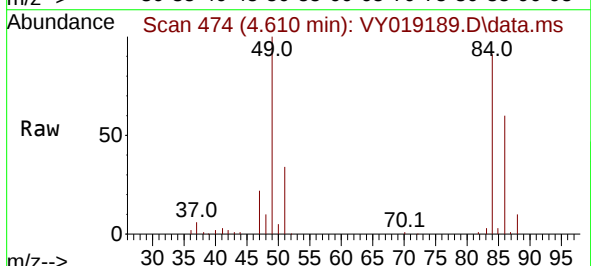
Ion Ratio Lower Upper

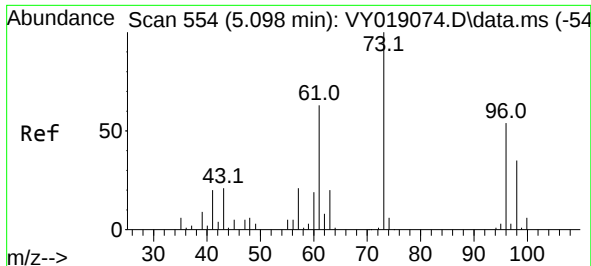
84 100

49 109.5 84.4 126.6

51 37.3 26.0 39.0

86 65.6 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 48.958 ug/l

RT: 5.104 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

ClientSampleId :

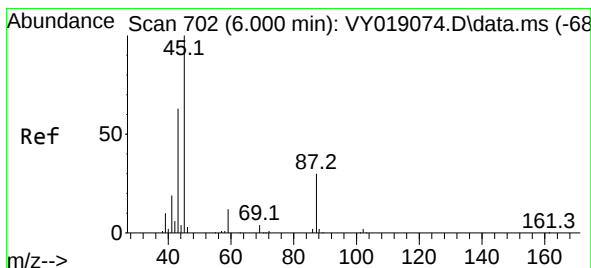
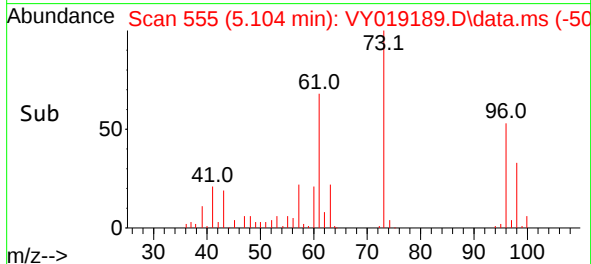
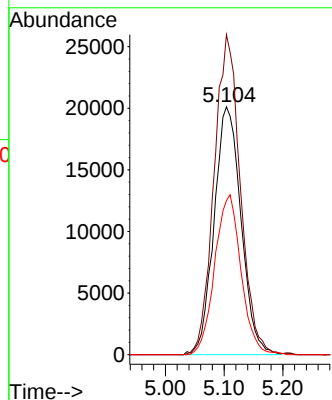
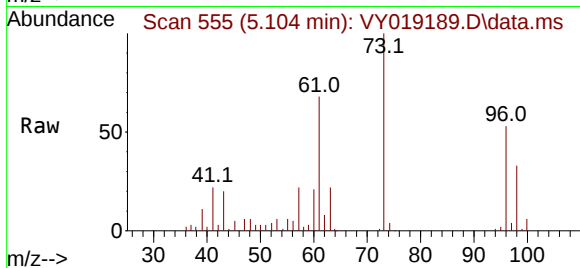
Tgt Ion: 96 Resp: 64125

Ion Ratio Lower Upper

96 100

61 129.1 97.5 146.3

98 62.2 50.5 75.7



#22

Diisopropyl ether

Concen: 52.796 ug/l

RT: 6.012 min Scan# 704

Delta R.T. 0.012 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Tgt Ion: 45 Resp: 188391

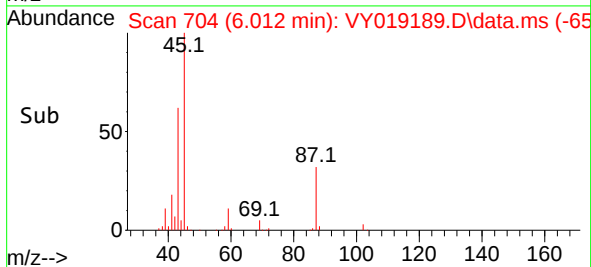
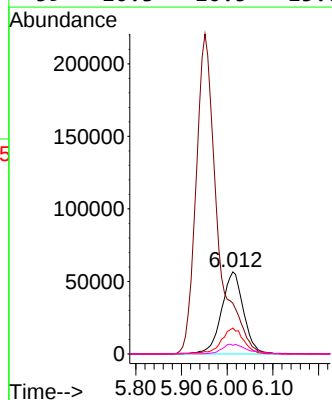
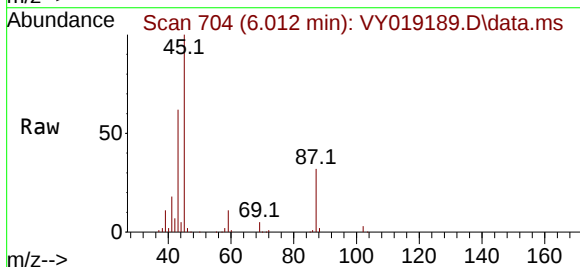
Ion Ratio Lower Upper

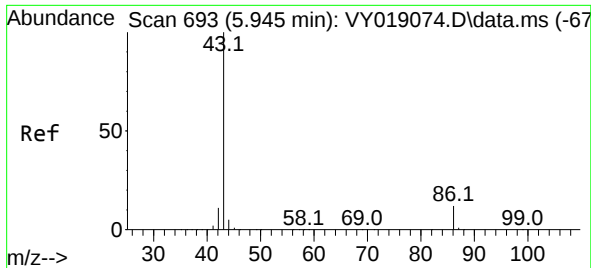
45 100

43 61.1 42.2 63.2

87 31.6 25.0 37.6

59 10.3 10.5 15.7#

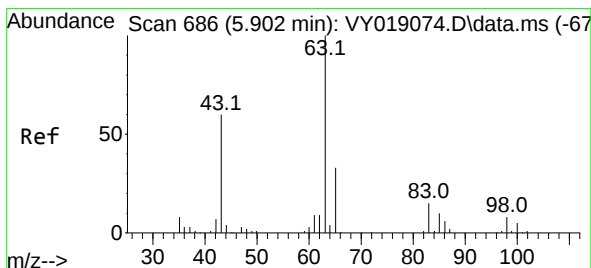
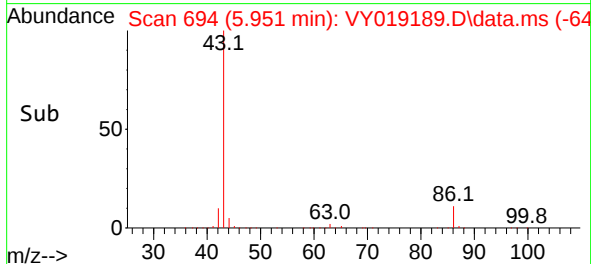
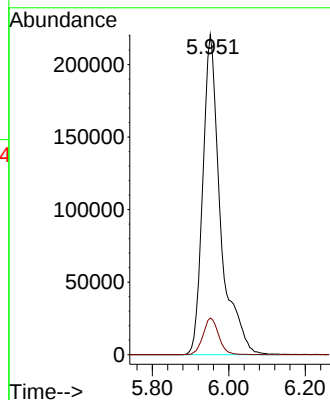
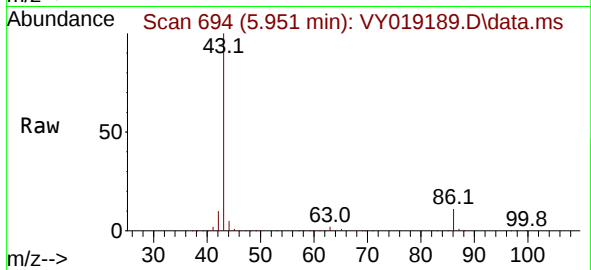




#23
 Vinyl Acetate
 Concen: 250.910 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY019189.D
 Acq: 21 Aug 2024 23:05

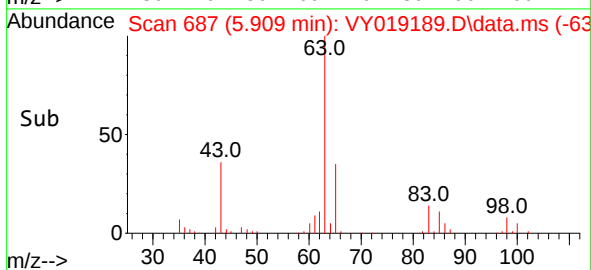
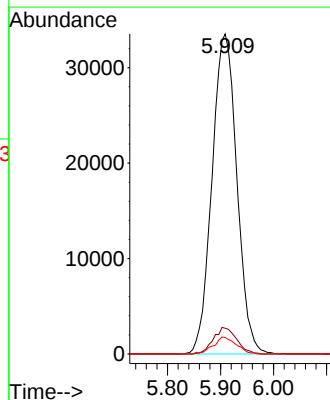
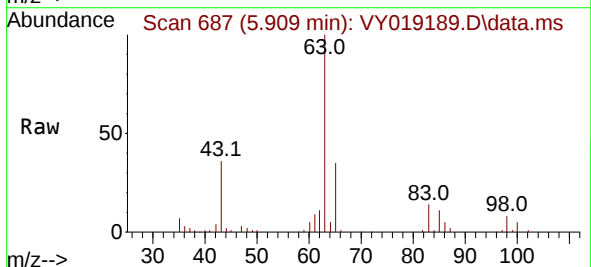
Instrument :
 MSVOA_Y
 ClientSampleId :

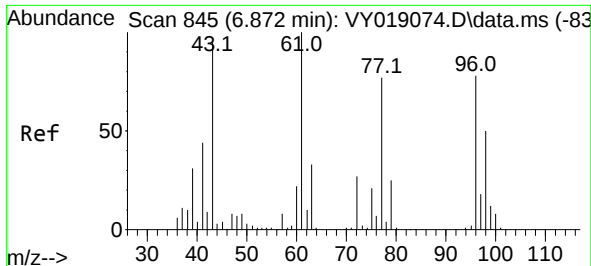
Tgt Ion: 43 Resp: 708837
 Ion Ratio Lower Upper
 43 100
 86 11.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 50.033 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019189.D
 Acq: 21 Aug 2024 23:05

Tgt Ion: 63 Resp: 109181
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 5.2 2.6 8.0





#25

2-Butanone

Concen: 244.635 ug/l

RT: 6.884 min Scan# 845

Delta R.T. 0.012 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

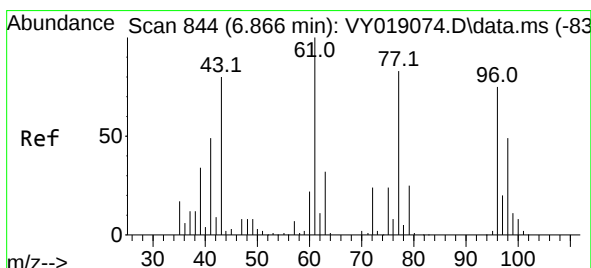
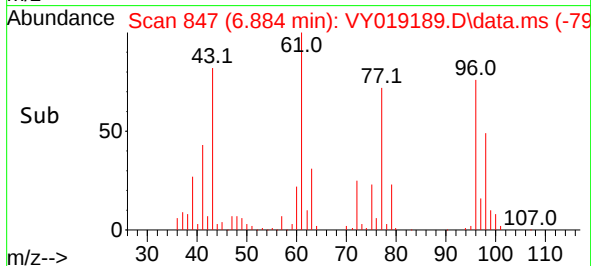
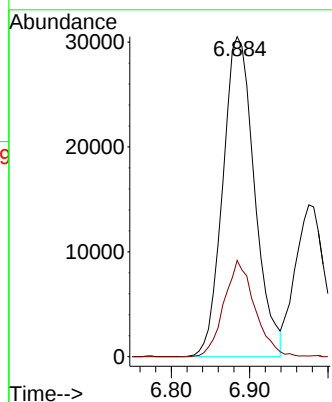
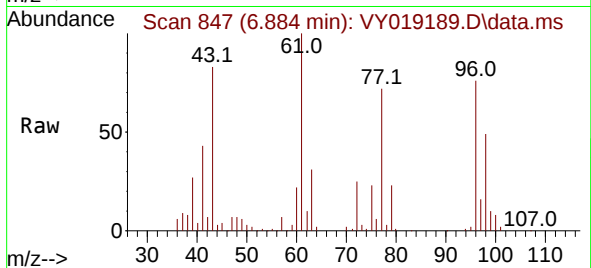
ClientSampleId :

Tgt Ion: 43 Resp: 86081

Ion Ratio Lower Upper

43 100

72 30.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 49.069 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019189.D

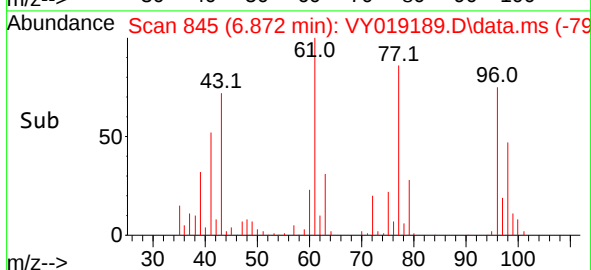
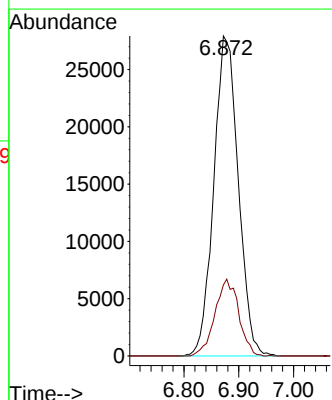
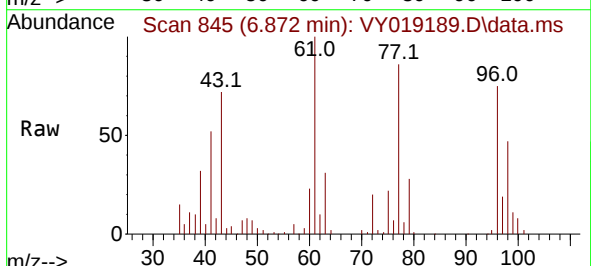
Acq: 21 Aug 2024 23:05

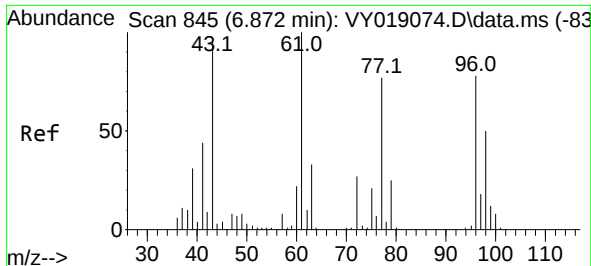
Tgt Ion: 77 Resp: 86710

Ion Ratio Lower Upper

77 100

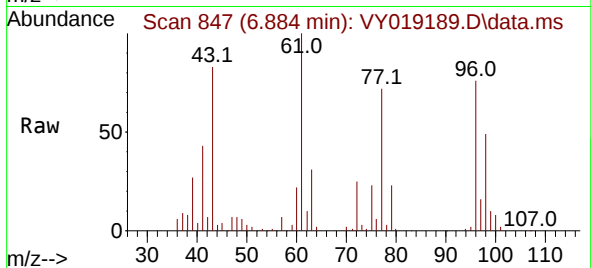
97 23.3 12.0 36.1



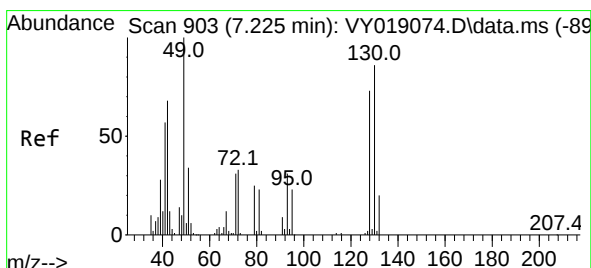
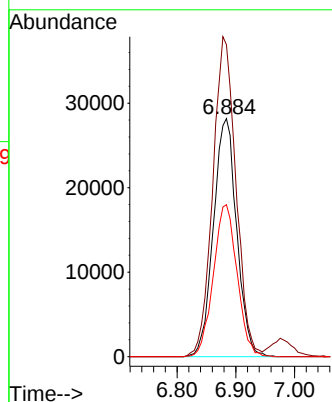
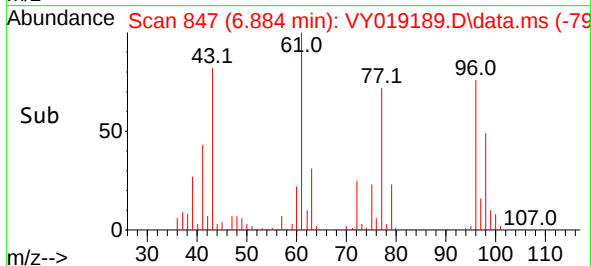


#27
 cis-1,2-Dichloroethene
 Concen: 50.189 ug/l
 RT: 6.884 min Scan# 845
 Delta R.T. 0.012 min
 Lab File: VY019189.D
 Acq: 21 Aug 2024 23:05

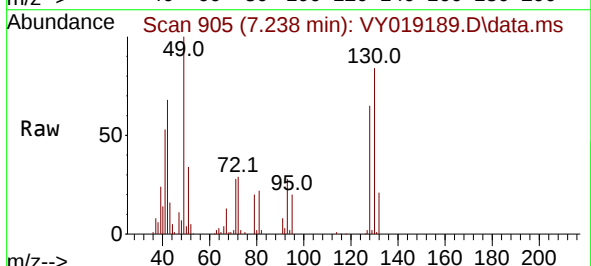
Instrument :
 MSVOA_Y
 ClientSampleId :



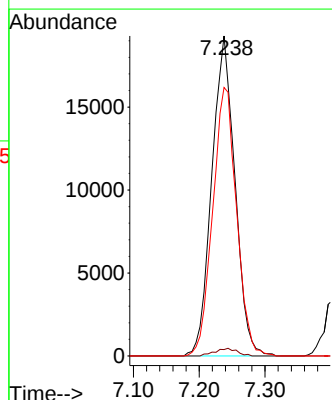
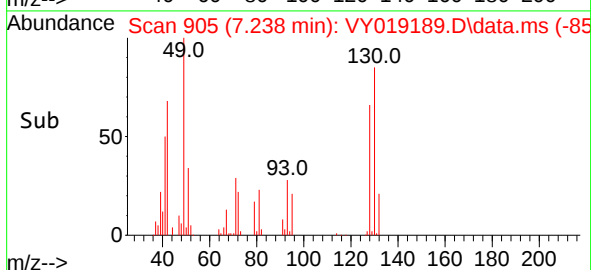
Tgt Ion:	96	Resp:	77362
Ion	Ratio	Lower	Upper
96	100		
61	134.1	0.0	256.2
98	65.1	0.0	130.0

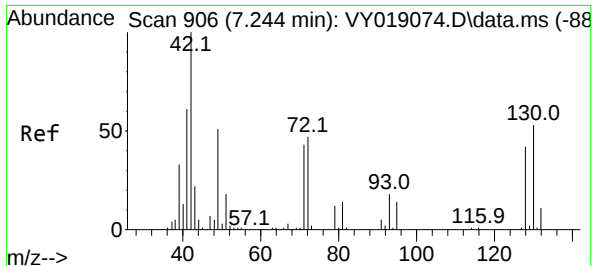


#28
 Bromochloromethane
 Concen: 51.527 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. 0.012 min
 Lab File: VY019189.D
 Acq: 21 Aug 2024 23:05



Tgt Ion:	49	Resp:	47167
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	86.5	72.7	109.1





#29

Tetrahydrofuran

Concen: 242.220 ug/l

RT: 7.256 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

ClientSampleId :

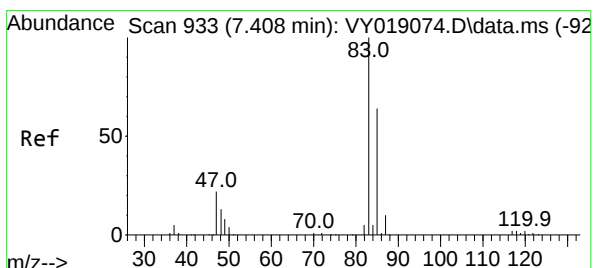
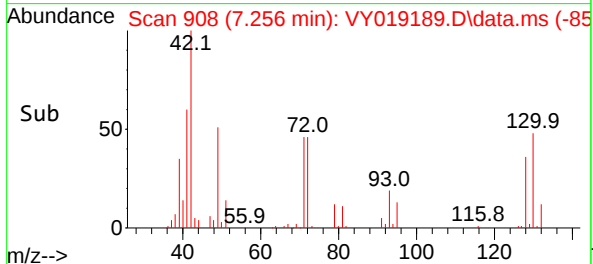
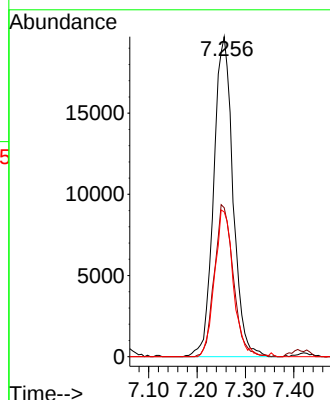
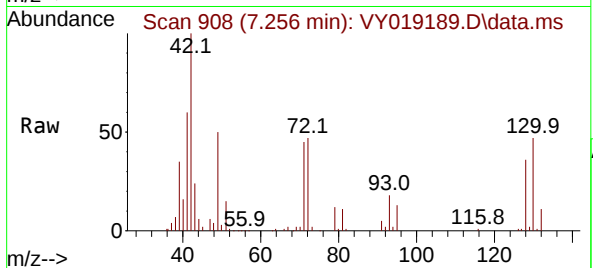
Tgt Ion: 42 Resp: 54789

Ion Ratio Lower Upper

42 100

72 46.3 43.0 64.4

71 44.2 40.8 61.2



#30

Chloroform

Concen: 51.754 ug/l

RT: 7.408 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019189.D

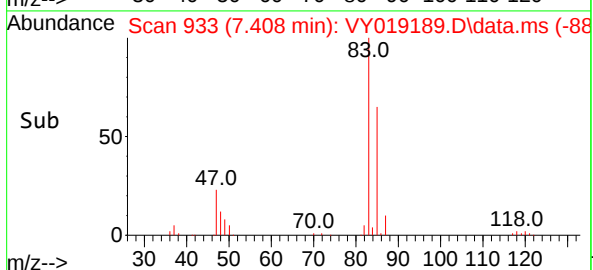
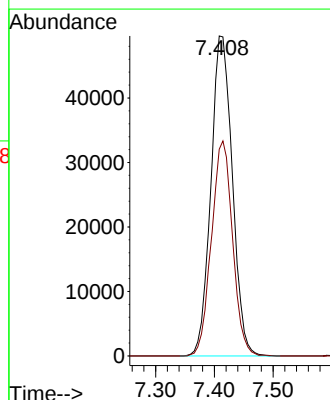
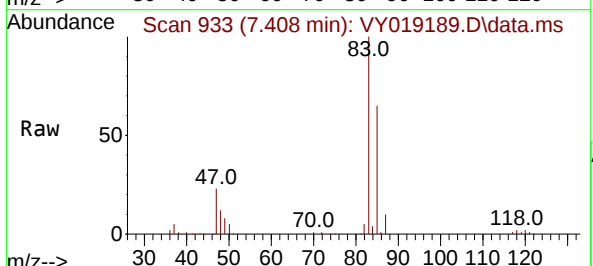
Acq: 21 Aug 2024 23:05

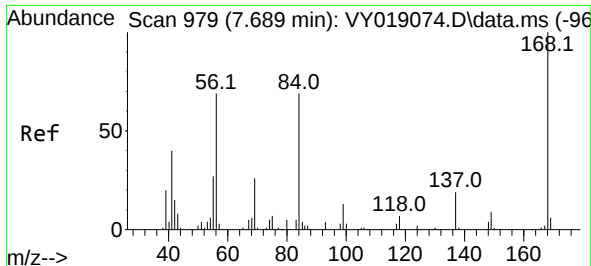
Tgt Ion: 83 Resp: 125844

Ion Ratio Lower Upper

83 100

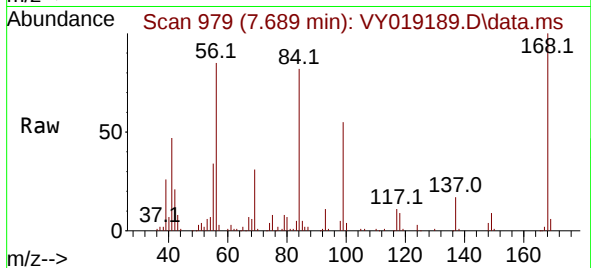
85 64.6 52.2 78.4



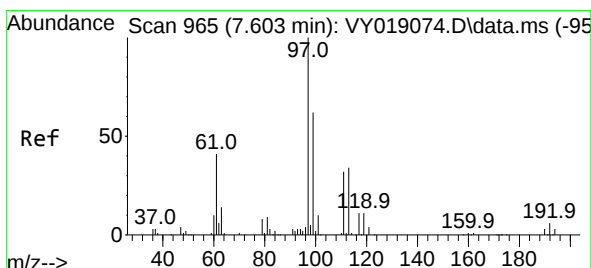
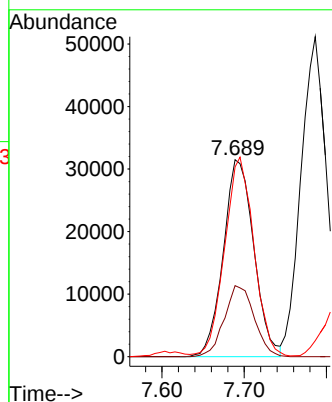
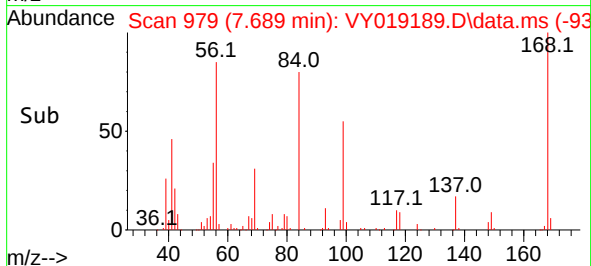


#31
Cyclohexane
Concen: 48.077 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

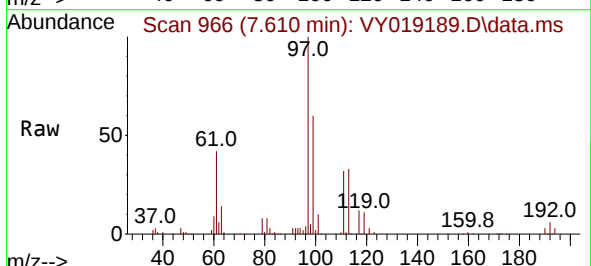
Instrument :
MSVOA_Y
ClientSampleId :



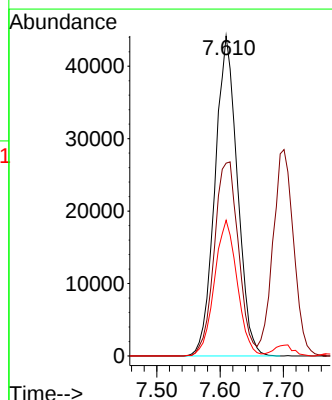
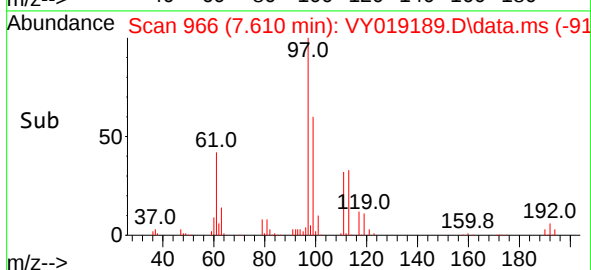
Tgt Ion: 56 Resp: 81300
Ion Ratio Lower Upper
56 100
69 36.1 28.7 43.1
84 94.5 77.7 116.5

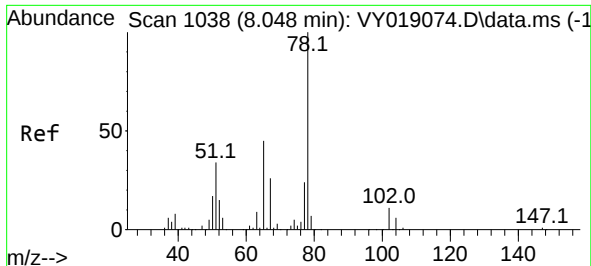


#32
1,1,1-Trichloroethane
Concen: 50.820 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05



Tgt Ion: 97 Resp: 108599
Ion Ratio Lower Upper
97 100
99 65.7 50.3 75.5
61 43.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.029 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

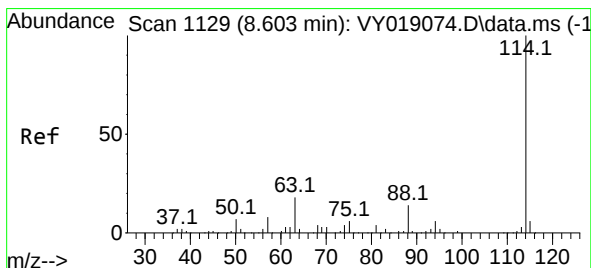
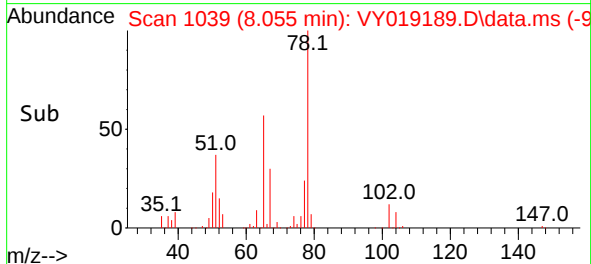
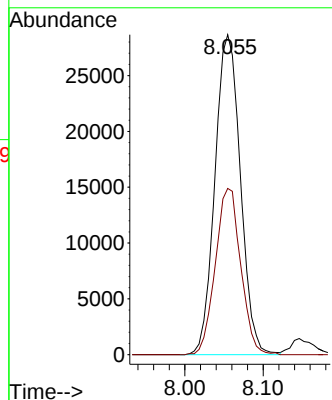
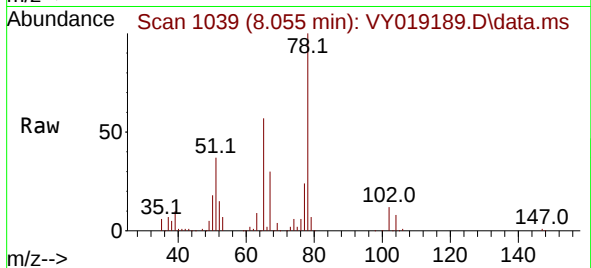
ClientSampleId :

Tgt Ion: 65 Resp: 64833

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

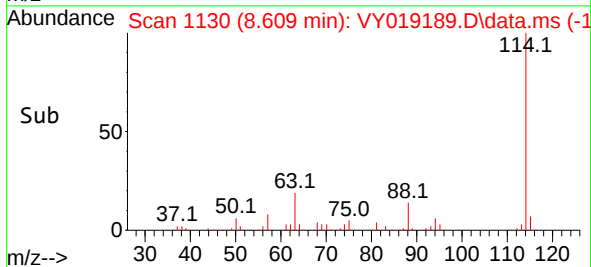
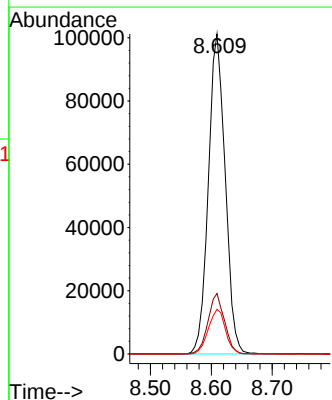
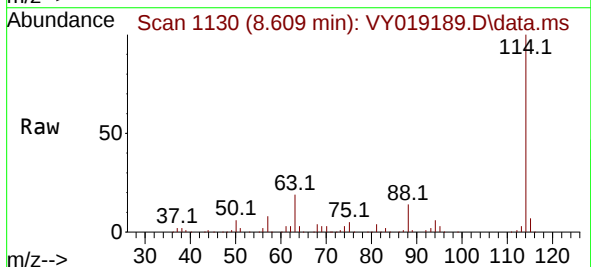
Tgt Ion: 114 Resp: 194042

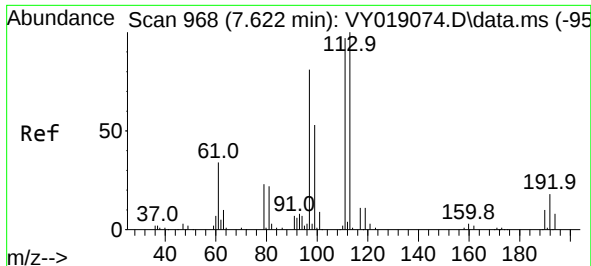
Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 14.0 0.0 27.2

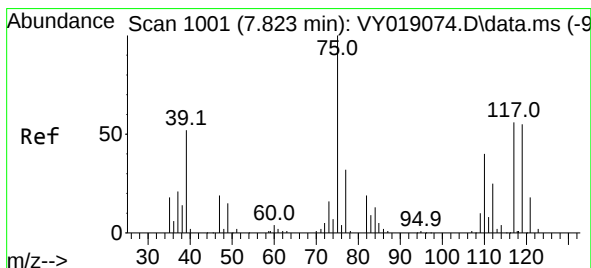
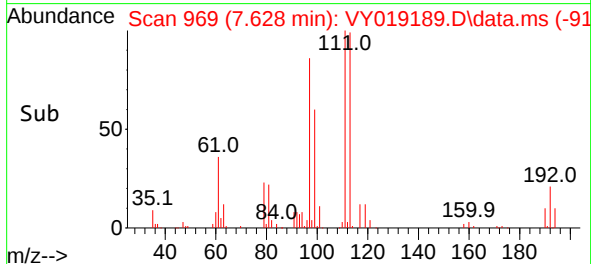
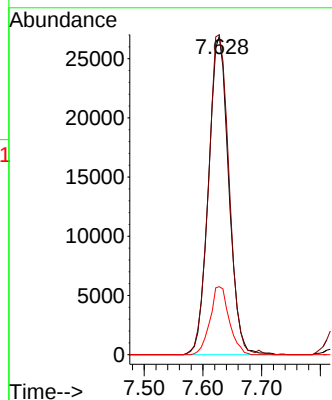
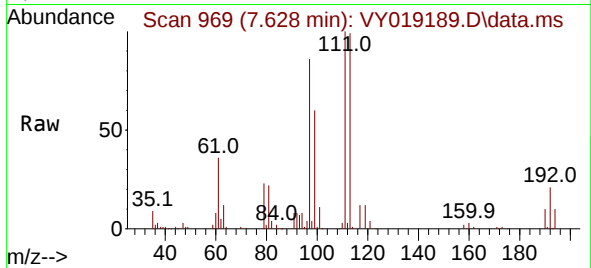




#35
Dibromofluoromethane
Concen: 50.638 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

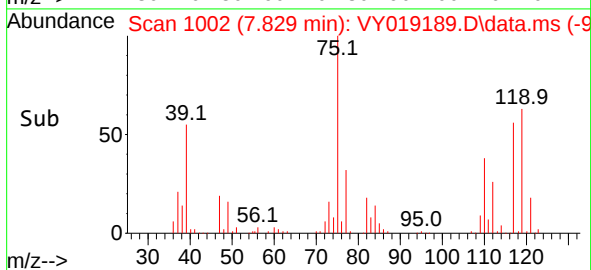
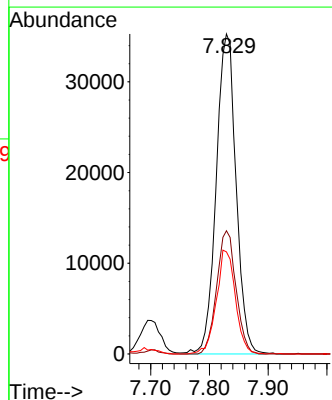
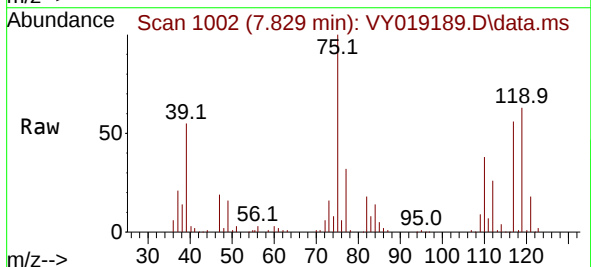
Instrument :
MSVOA_Y
ClientSampleId :

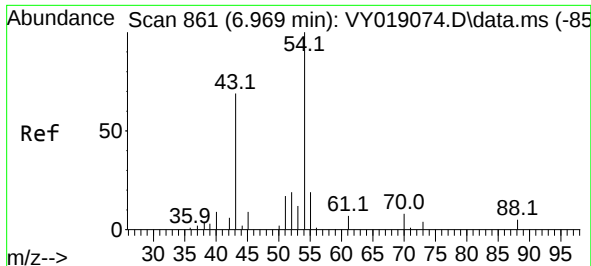
Tgt Ion:113 Resp: 64247
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 20.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.562 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion: 75 Resp: 82865
Ion Ratio Lower Upper
75 100
110 37.3 19.0 57.0
77 31.2 25.3 37.9





#37

Ethyl Acetate

Concen: 50.822 ug/l

RT: 6.976 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

ClientSampleId :

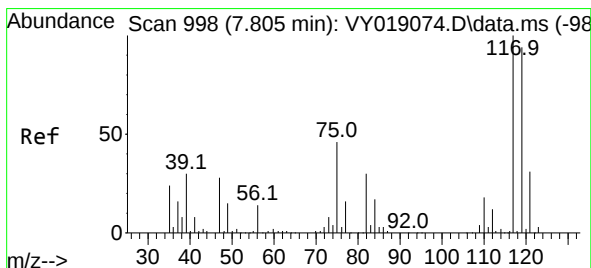
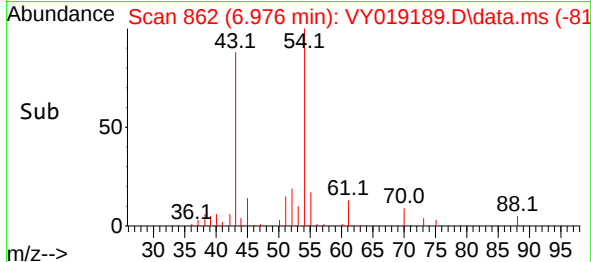
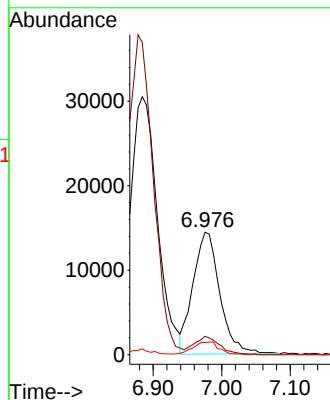
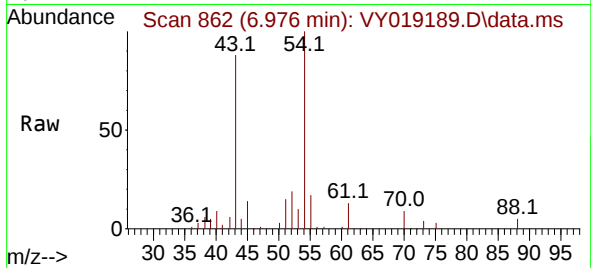
Tgt Ion: 43 Resp: 39229

Ion Ratio Lower Upper

43 100

61 14.3 12.6 19.0

70 10.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 48.238 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

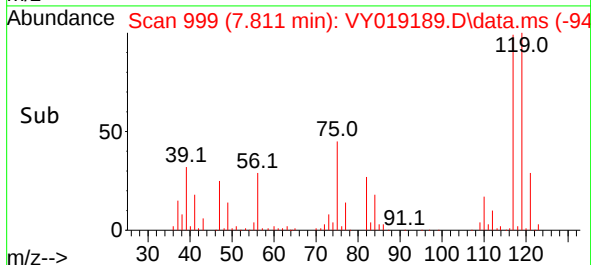
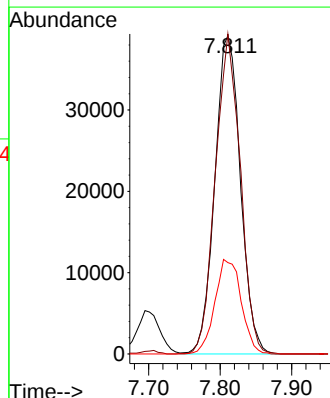
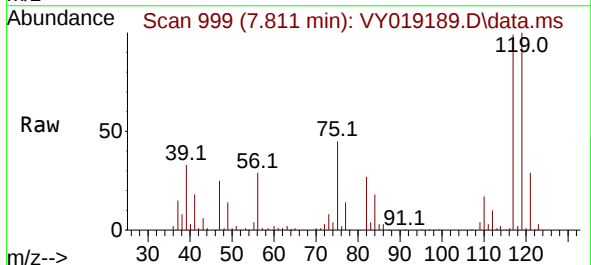
Tgt Ion: 117 Resp: 97395

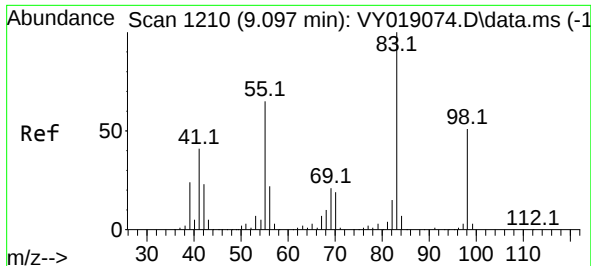
Ion Ratio Lower Upper

117 100

119 100.5 75.8 113.6

121 28.7 24.0 36.0





#39

Methylcyclohexane

Concen: 39.624 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

ClientSampleId :

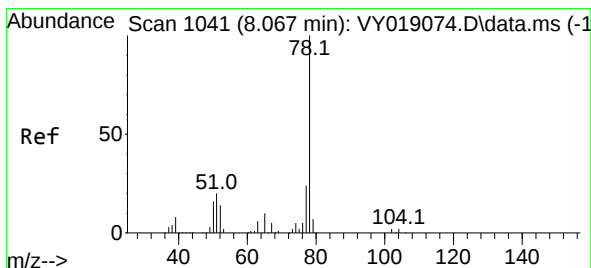
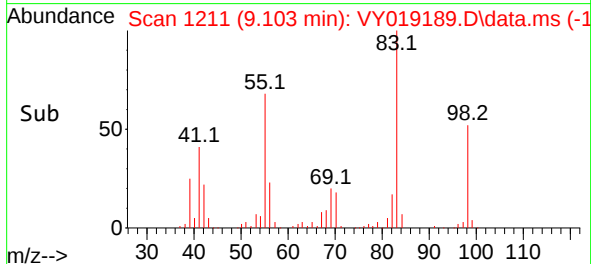
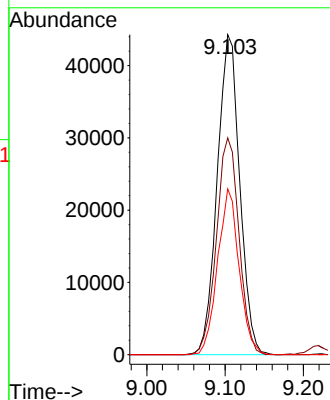
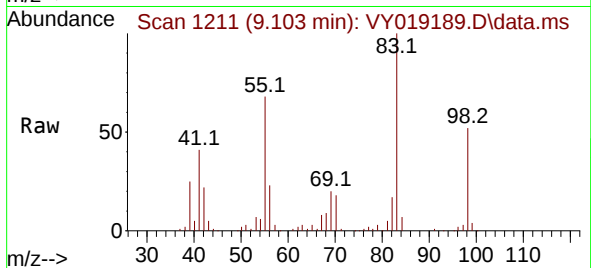
Tgt Ion: 83 Resp: 88590

Ion Ratio Lower Upper

83 100

55 67.8 51.5 77.3

98 51.8 40.5 60.7



#40

Benzene

Concen: 49.086 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019189.D

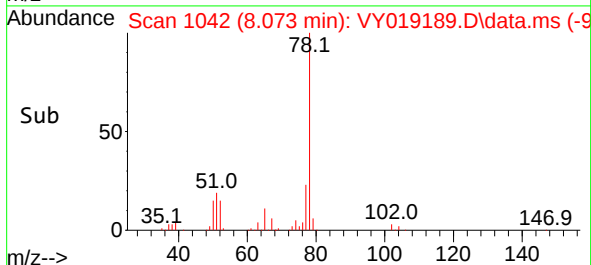
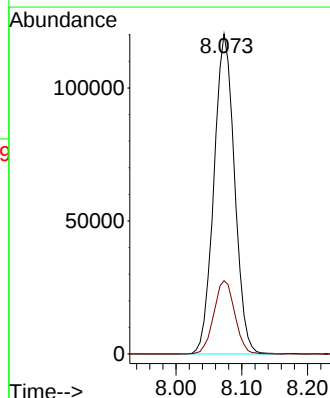
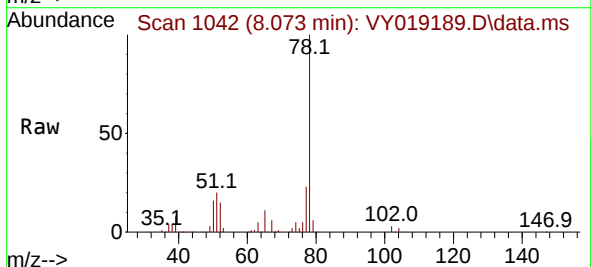
Acq: 21 Aug 2024 23:05

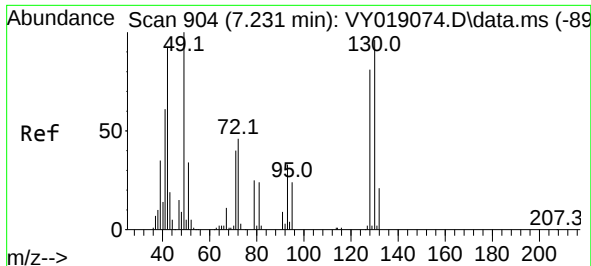
Tgt Ion: 78 Resp: 262284

Ion Ratio Lower Upper

78 100

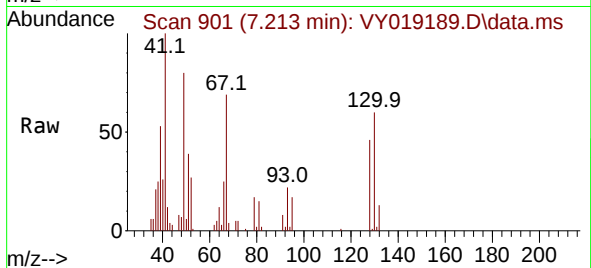
77 22.9 19.5 29.3





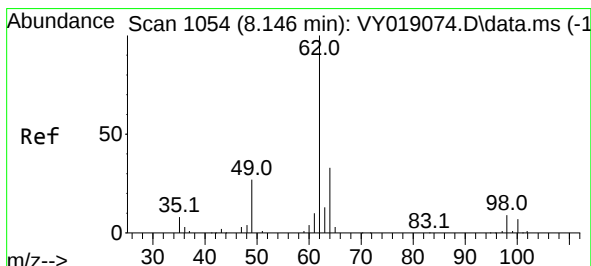
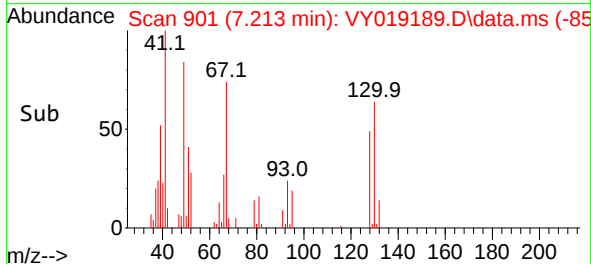
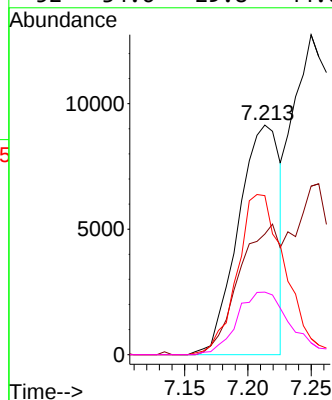
#41
Methacrylonitrile
Concen: 49.733 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 20953

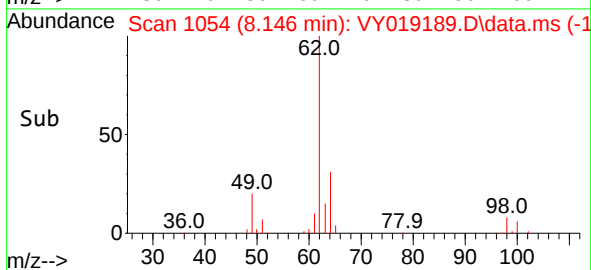
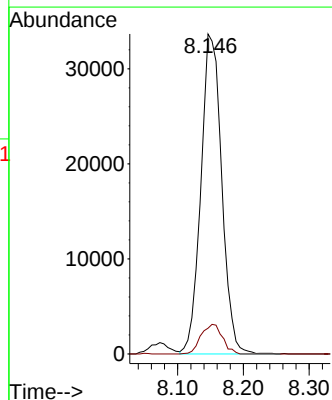
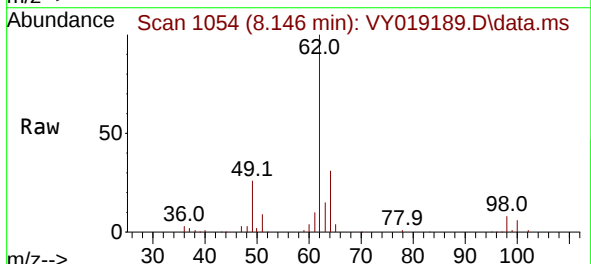
Ion	Ratio	Lower	Upper
41	100		
39	55.8	48.0	72.0
67	80.5	75.1	112.7
52	34.6	29.8	44.6

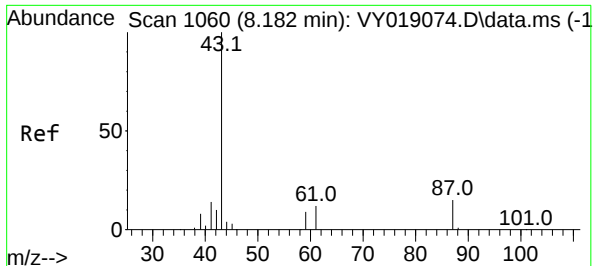


#42
1,2-Dichloroethane
Concen: 51.421 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion: 62 Resp: 74196

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	22.0





#43

Isopropyl Acetate

Concen: 48.807 ug/l

RT: 8.189 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VY019189.D

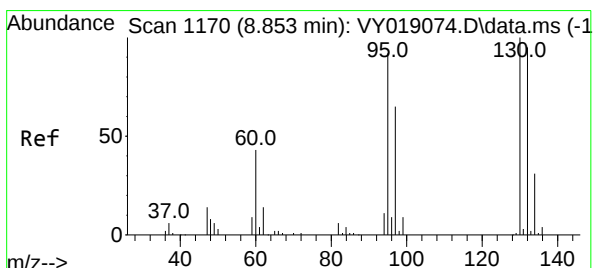
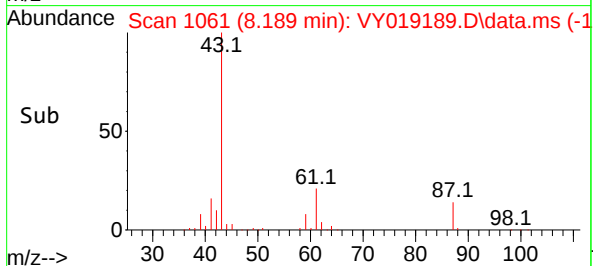
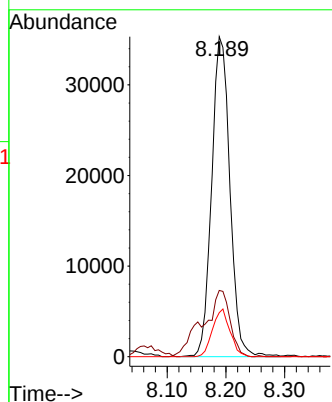
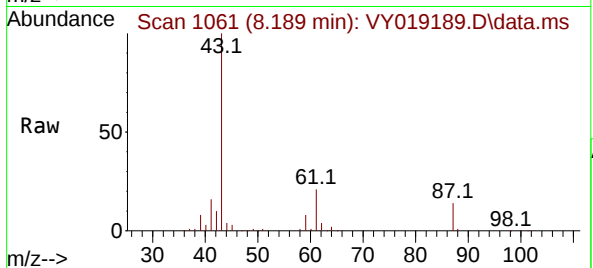
Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	76192
Ion Ratio	Lower	Upper	
43	100		
61	20.8	27.9	41.9#
87	14.3	13.1	19.7



#44

Trichloroethene

Concen: 45.908 ug/l

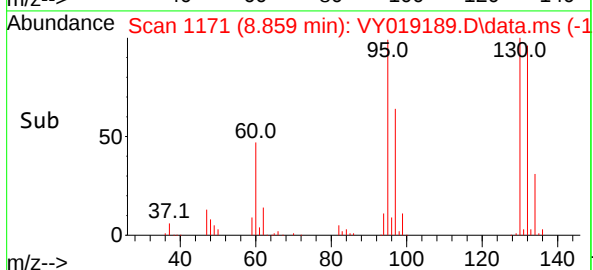
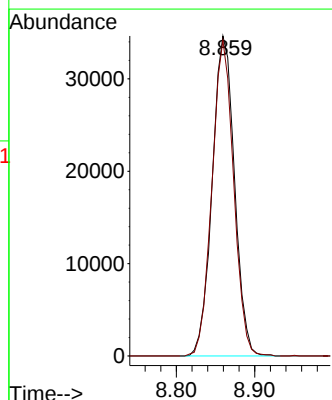
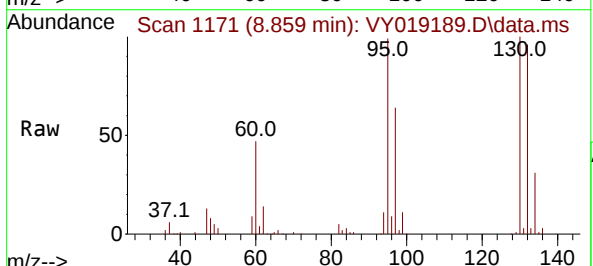
RT: 8.859 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Tgt Ion:	130	Resp:	68446
Ion Ratio	Lower	Upper	
130	100		
95	98.6	0.0	188.0

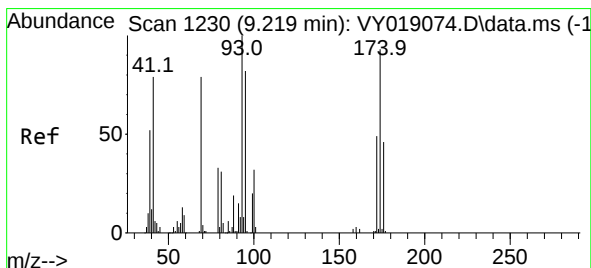
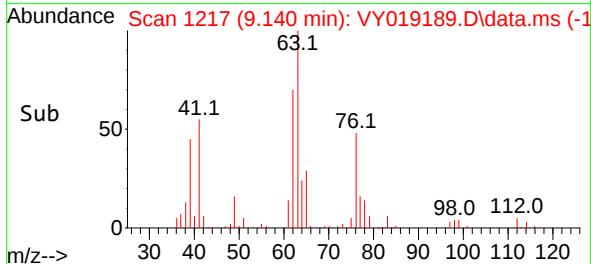
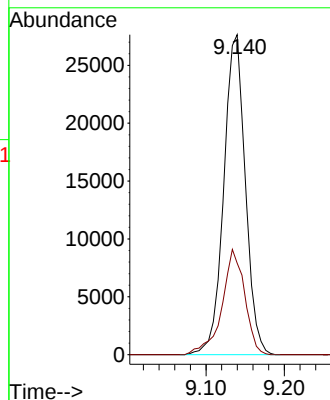
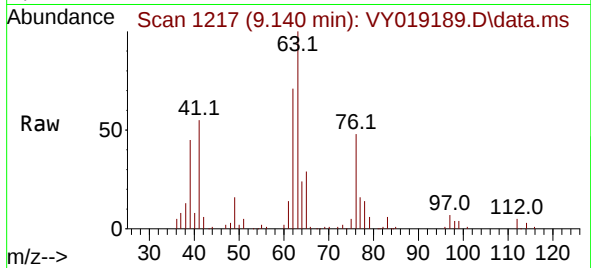




#45
1,2-Dichloropropane
Concen: 44.454 ug/l
RT: 9.140 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

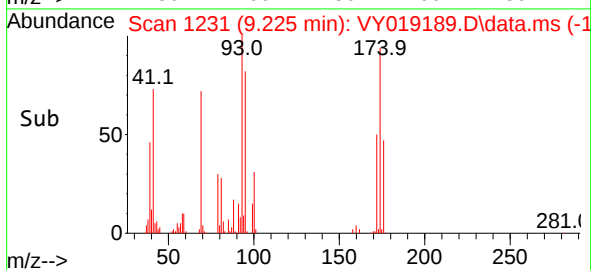
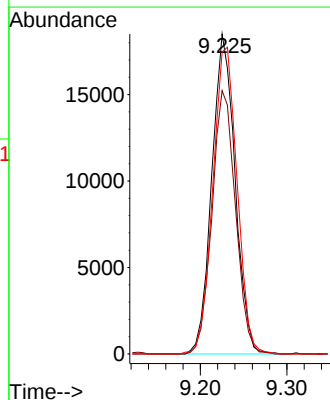
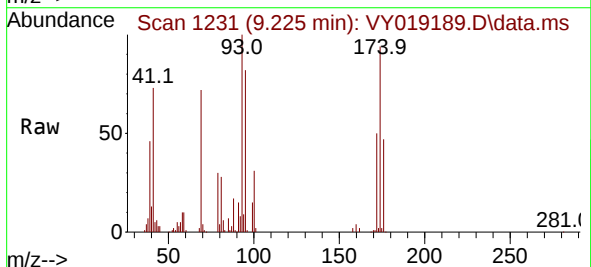
Instrument :
MSVOA_Y
ClientSampleId :

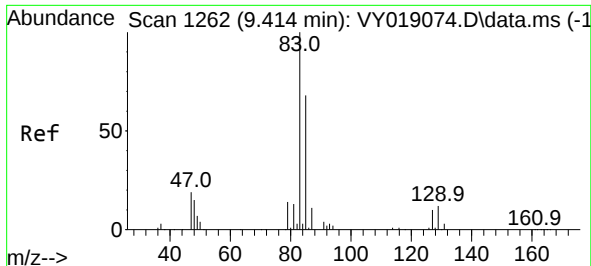
Tgt Ion: 63 Resp: 52923
Ion Ratio Lower Upper
63 100
65 28.6 25.4 38.2



#46
Dibromomethane
Concen: 44.596 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion: 93 Resp: 34435
Ion Ratio Lower Upper
93 100
95 83.6 66.2 99.4
174 100.2 80.9 121.3

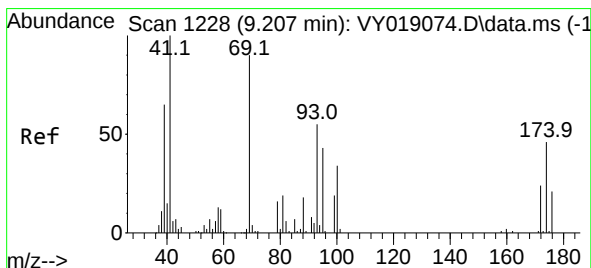
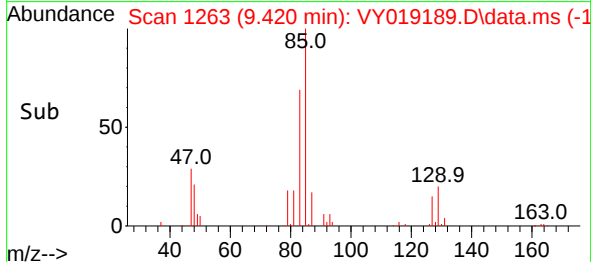
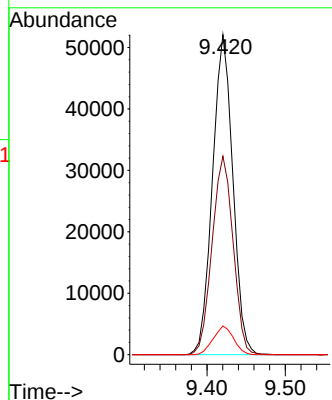
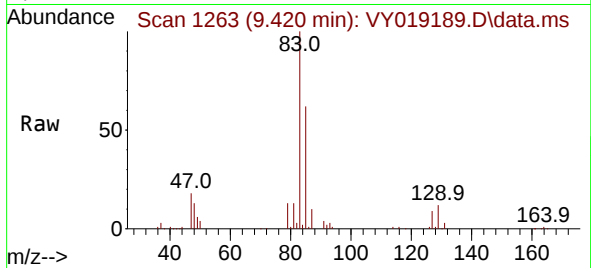




#47
Bromodichloromethane
Concen: 49.566 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

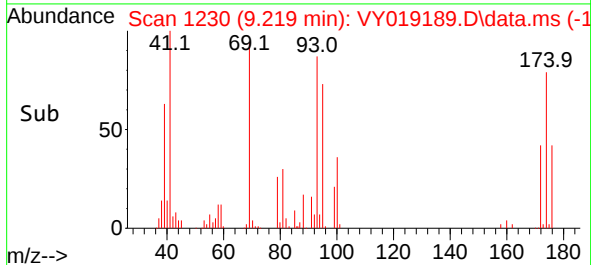
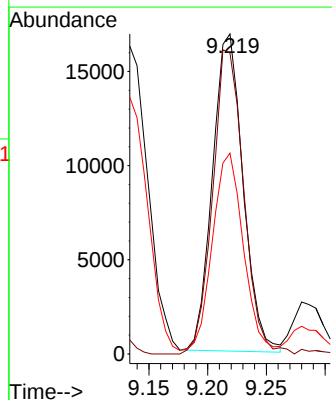
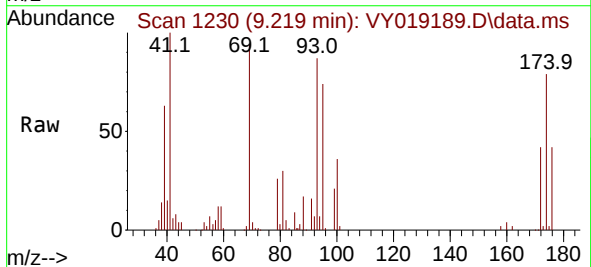
Instrument :
MSVOA_Y
ClientSampleId :

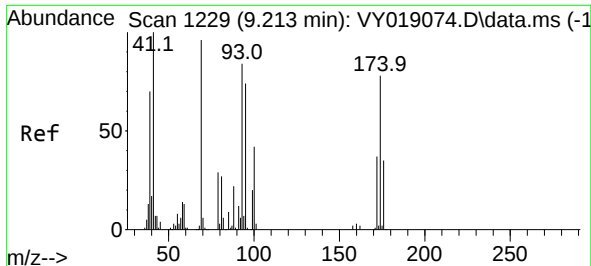
Tgt Ion: 83 Resp: 93898
Ion Ratio Lower Upper
83 100
85 62.0 50.1 75.1
127 9.0 7.4 11.0



#48
Methyl methacrylate
Concen: 43.864 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion: 41 Resp: 30517
Ion Ratio Lower Upper
41 100
69 97.0 84.1 126.1
39 64.7 43.6 65.4





#49

1,4-Dioxane

Concen: 828.872 ug/l

RT: 9.225 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

ClientSampleId :

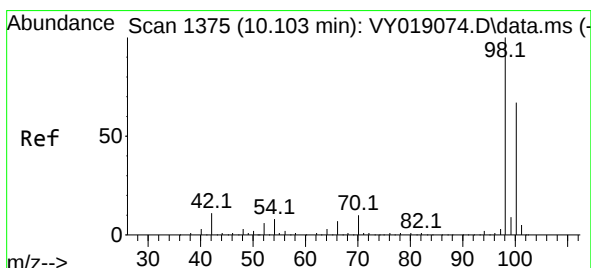
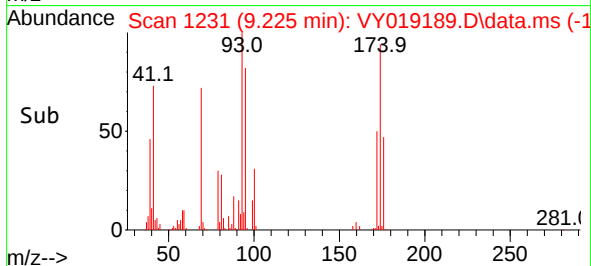
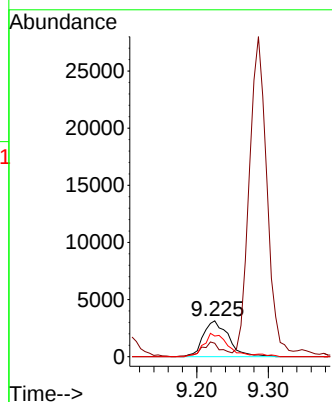
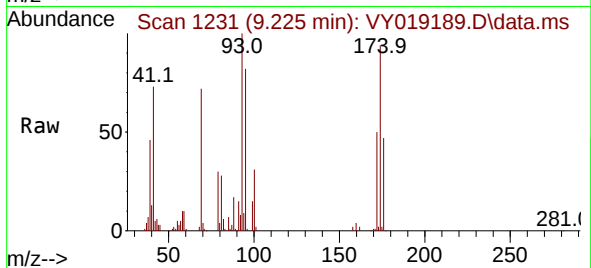
Tgt Ion: 88 Resp: 7753

Ion Ratio Lower Upper

88 100

43 32.0 0.0 0.0#

58 59.7 49.3 73.9



#50

Toluene-d8

Concen: 50.542 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019189.D

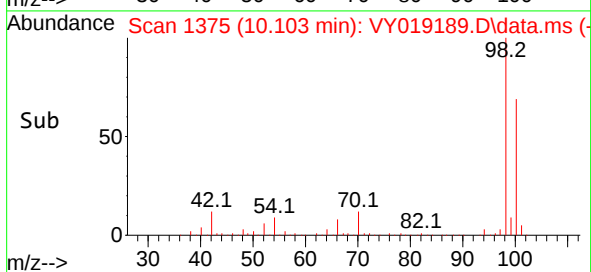
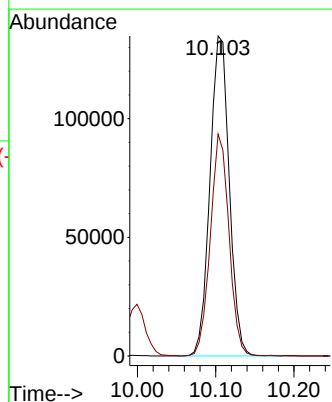
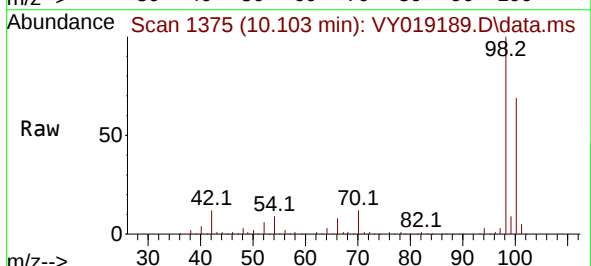
Acq: 21 Aug 2024 23:05

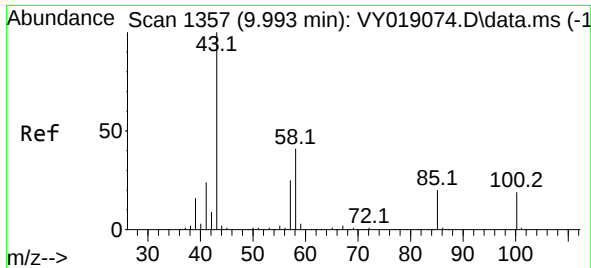
Tgt Ion: 98 Resp: 230767

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 246.972 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

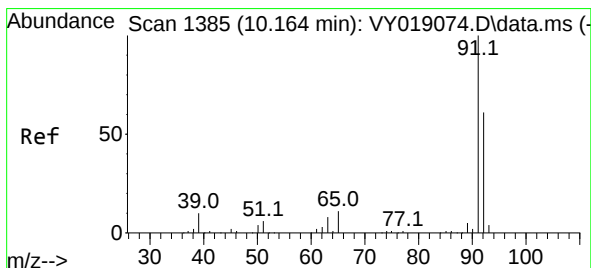
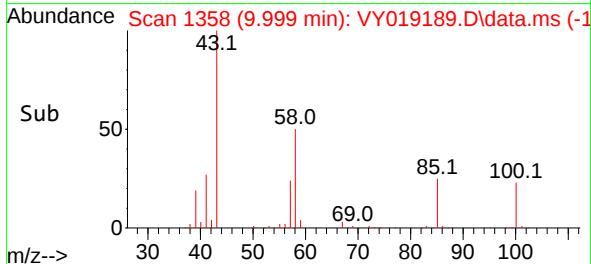
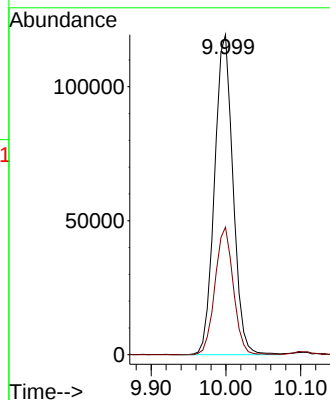
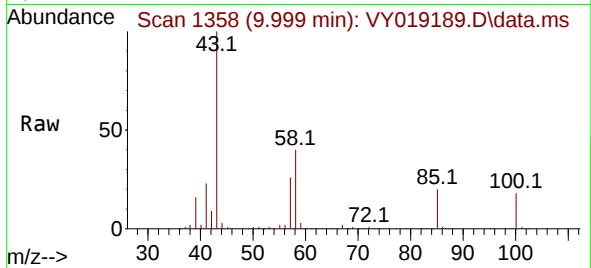
ClientSampleId :

Tgt Ion: 43 Resp: 204630

Ion Ratio Lower Upper

43 100

58 39.6 35.7 53.5



#52

Toluene

Concen: 50.173 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019189.D

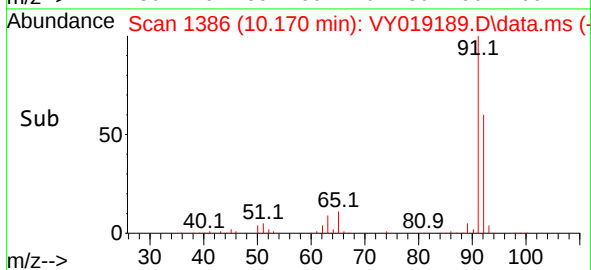
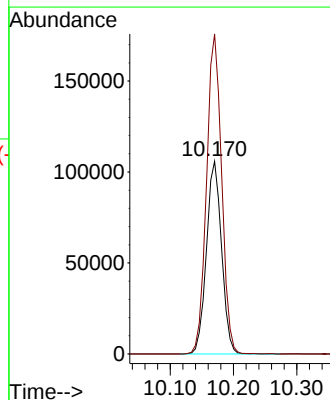
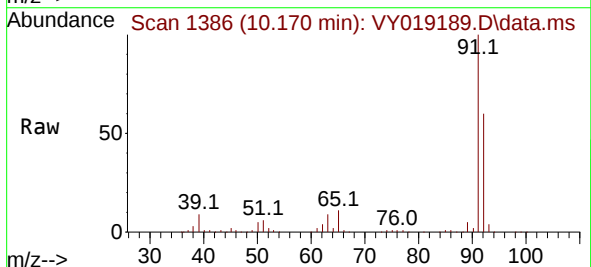
Acq: 21 Aug 2024 23:05

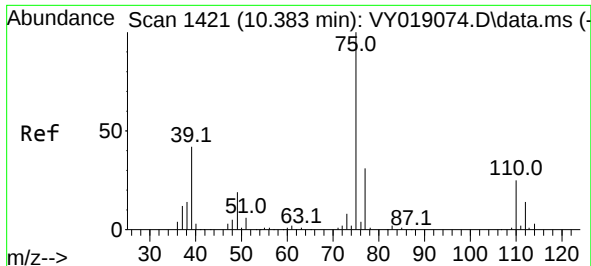
Tgt Ion: 92 Resp: 175982

Ion Ratio Lower Upper

92 100

91 165.8 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 51.648 ug/l

RT: 10.396 min Scan# 1421

Delta R.T. 0.012 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

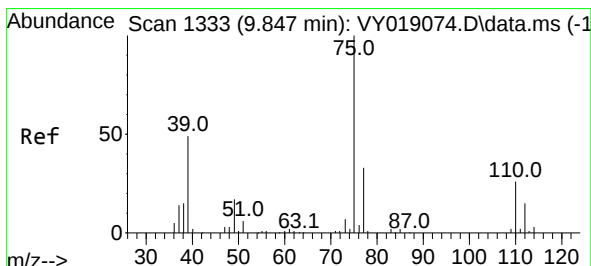
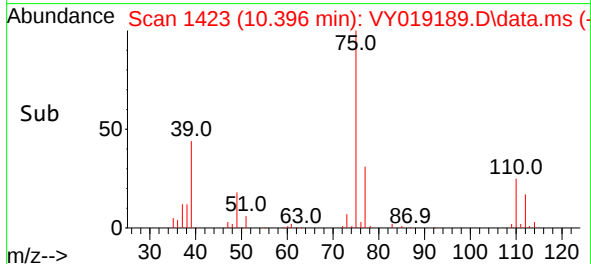
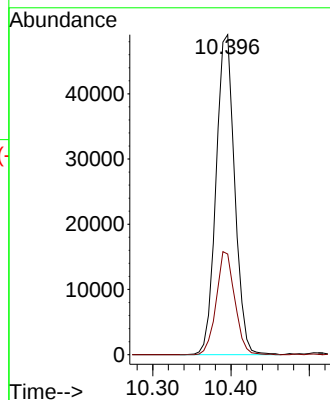
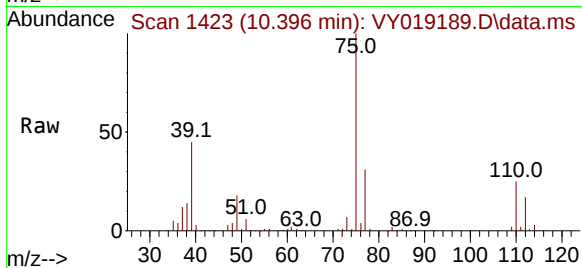
ClientSampleId :

Tgt Ion: 75 Resp: 81163

Ion Ratio Lower Upper

75 100

77 31.4 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 49.896 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

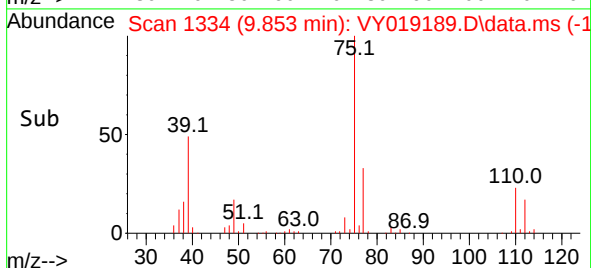
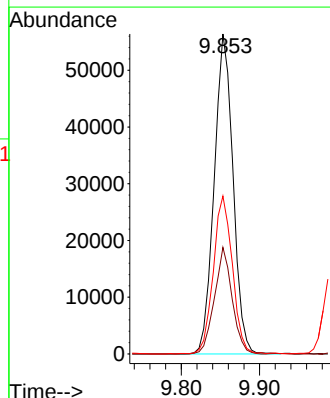
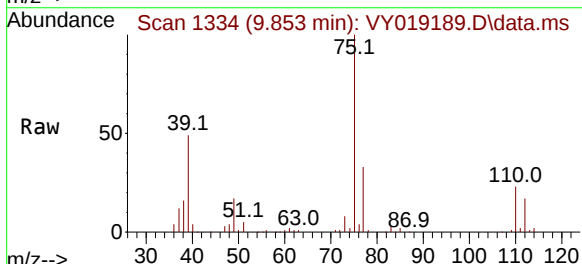
Tgt Ion: 75 Resp: 94299

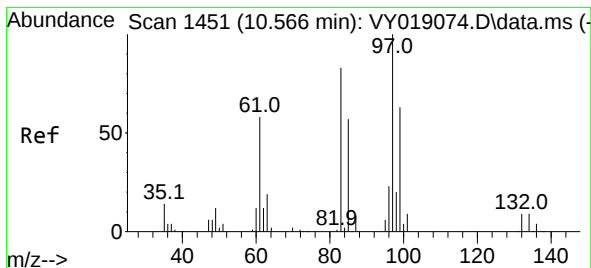
Ion Ratio Lower Upper

75 100

77 33.3 25.4 38.0

39 49.3 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 49.069 ug/l

RT: 10.572 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 48776

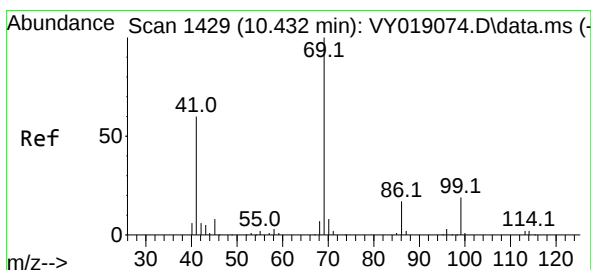
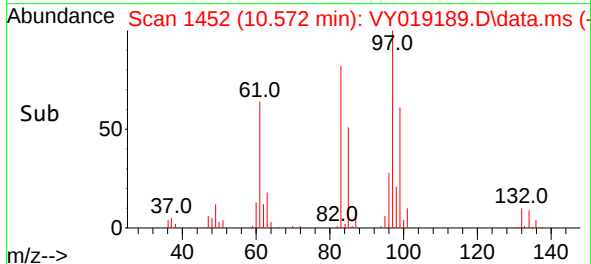
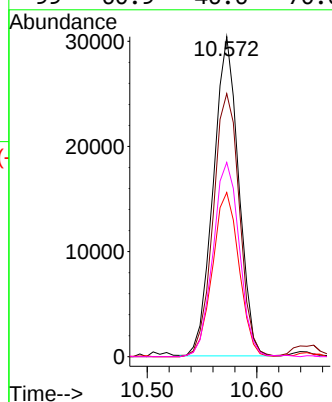
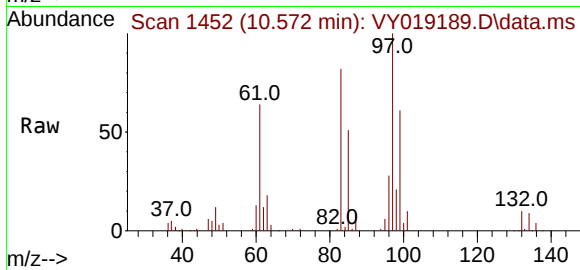
Ion Ratio Lower Upper

97 100

83 82.4 67.5 101.3

85 51.4 42.9 64.3

99 60.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 50.012 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

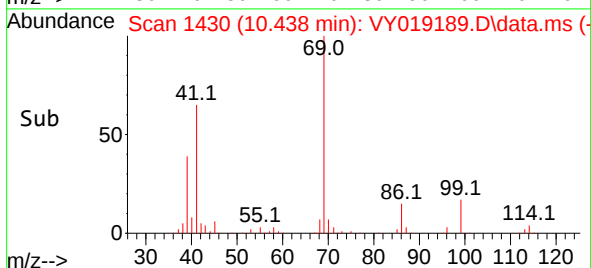
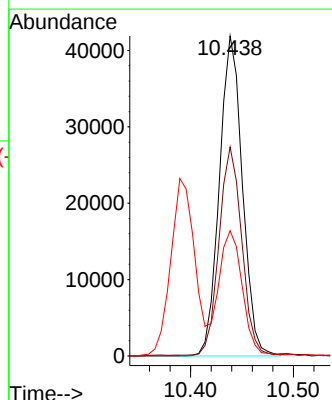
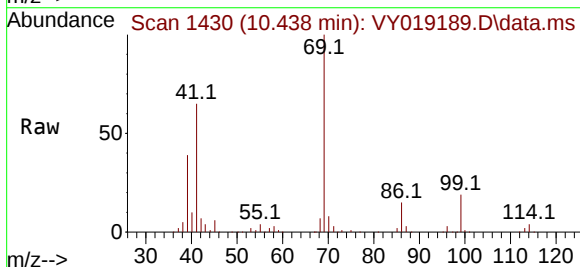
Tgt Ion: 69 Resp: 65071

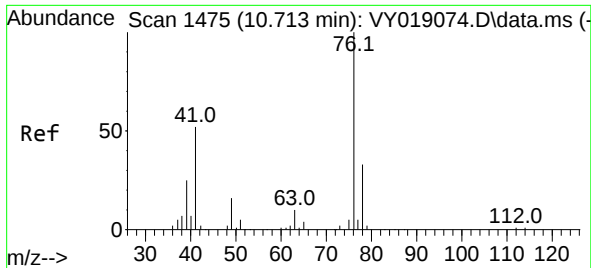
Ion Ratio Lower Upper

69 100

41 63.8 42.3 63.5#

39 40.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 49.707 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

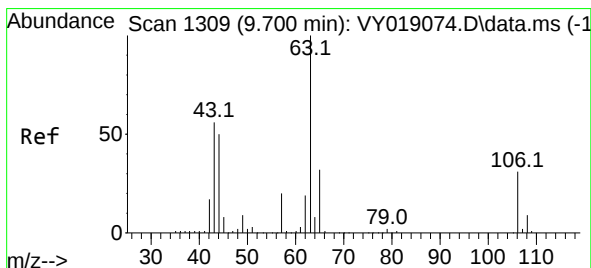
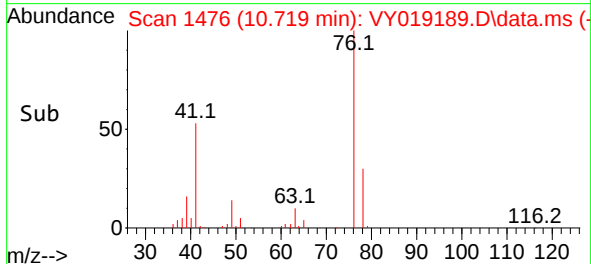
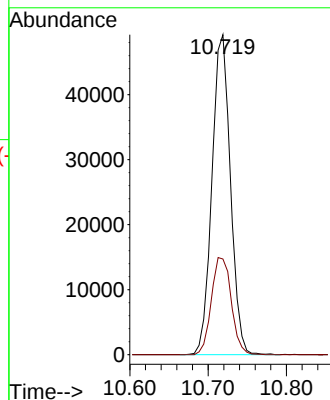
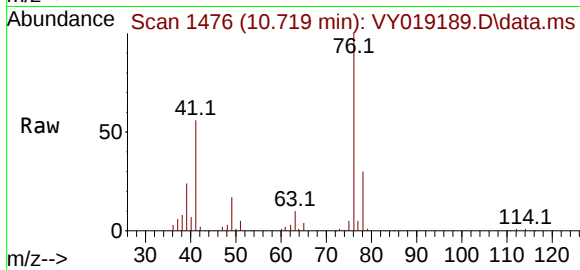
ClientSampleId :

Tgt Ion: 76 Resp: 80547

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 244.789 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019189.D

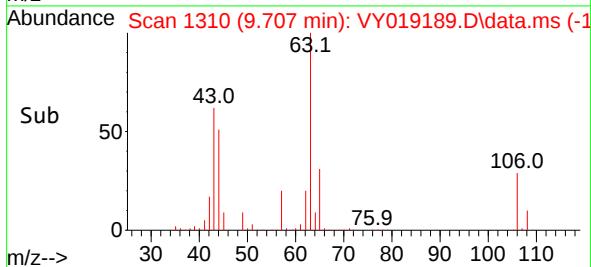
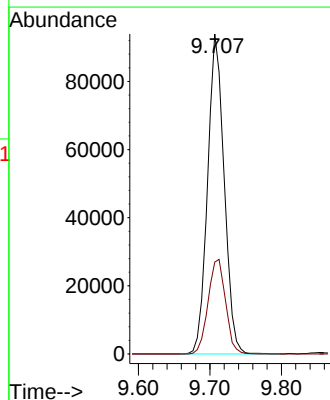
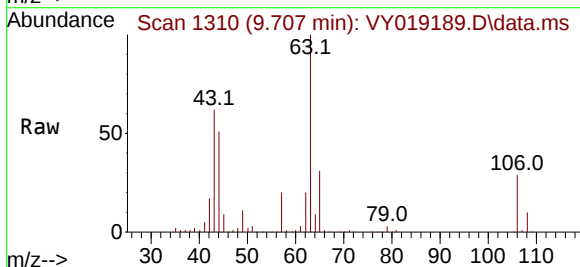
Acq: 21 Aug 2024 23:05

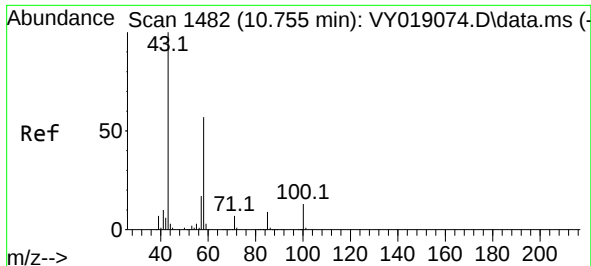
Tgt Ion: 63 Resp: 151093

Ion Ratio Lower Upper

63 100

106 31.1 23.7 35.5

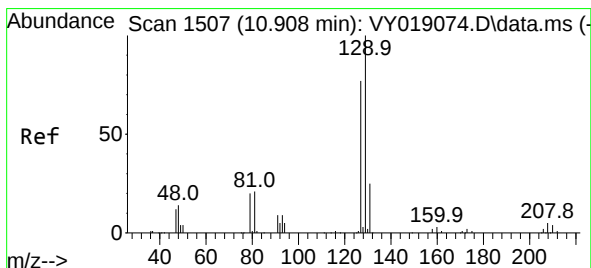
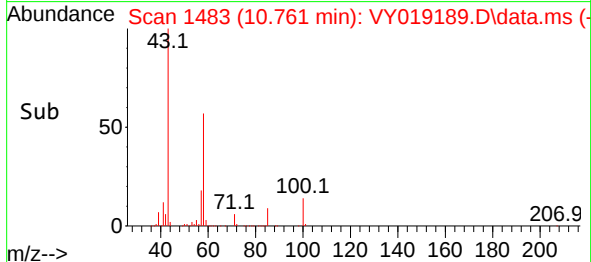
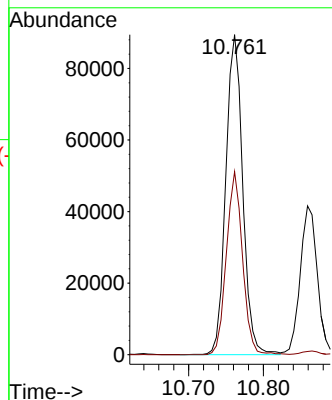
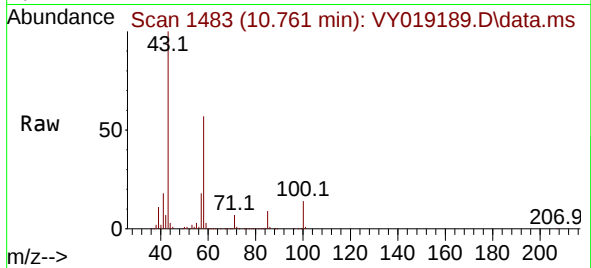




#59
2-Hexanone
Concen: 247.888 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

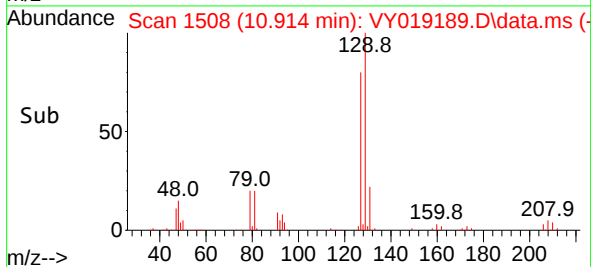
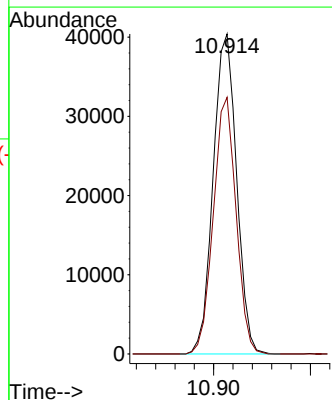
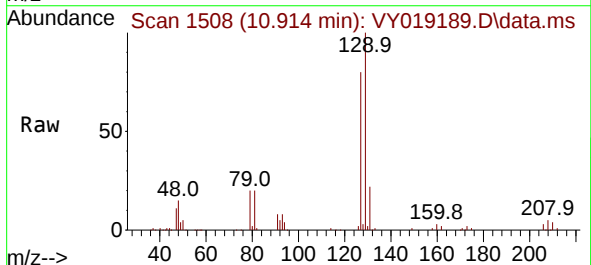
Instrument :
MSVOA_Y
ClientSampleId :

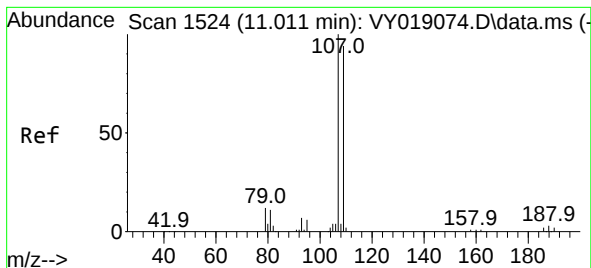
Tgt Ion: 43 Resp: 141106
Ion Ratio Lower Upper
43 100
58 54.7 31.4 94.0



#60
Dibromochloromethane
Concen: 50.133 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion: 129 Resp: 67875
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 50.796 ug/l

RT: 11.017 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

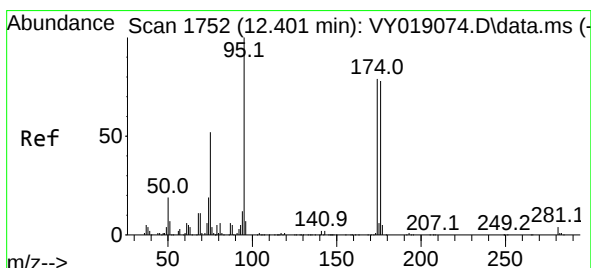
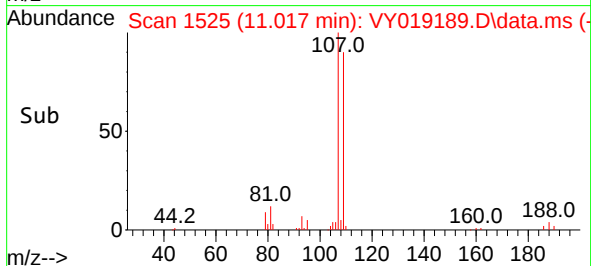
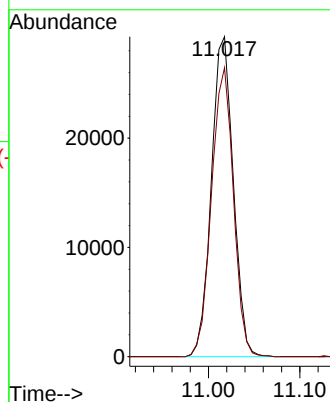
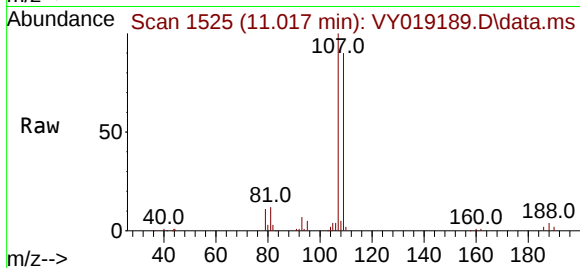
ClientSampleId :

Tgt Ion:107 Resp: 48803

Ion Ratio Lower Upper

107 100

109 90.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 50.225 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

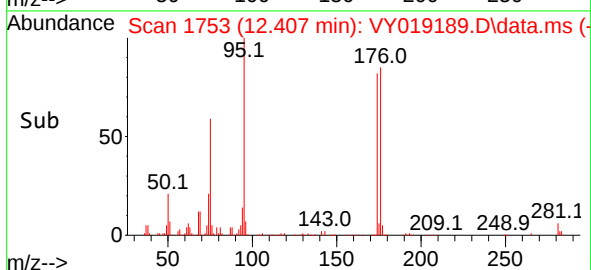
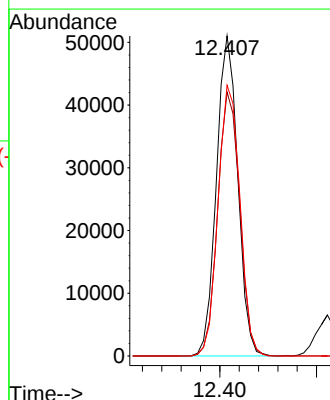
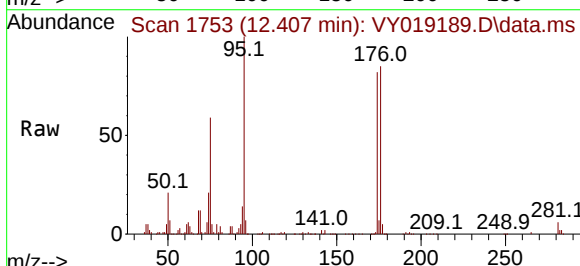
Tgt Ion: 95 Resp: 78175

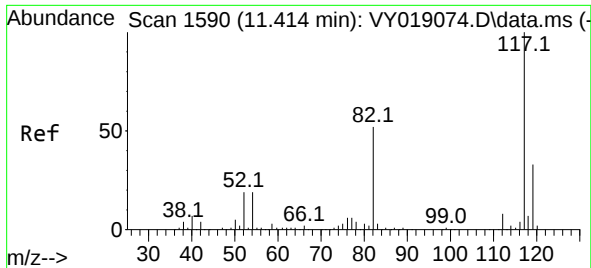
Ion Ratio Lower Upper

95 100

174 84.9 0.0 175.6

176 86.7 0.0 171.4

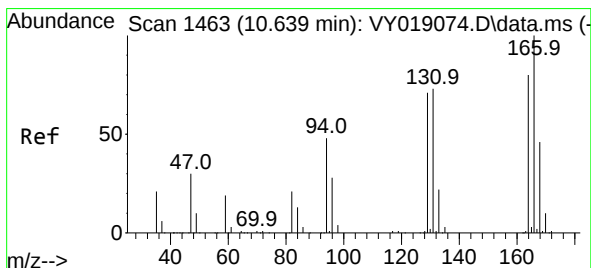
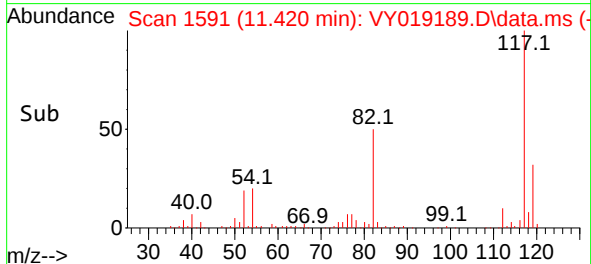
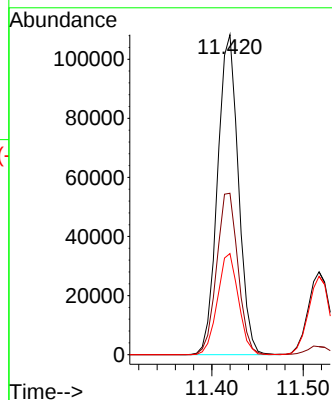
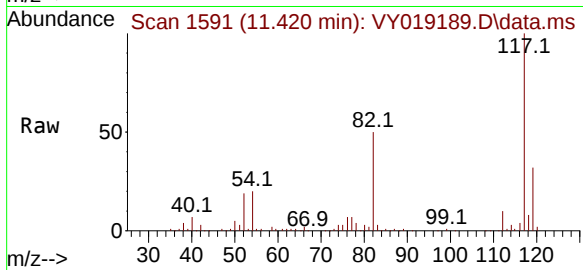




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

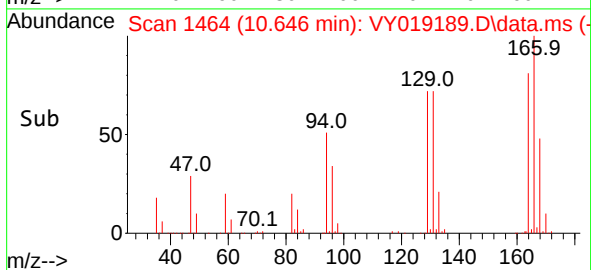
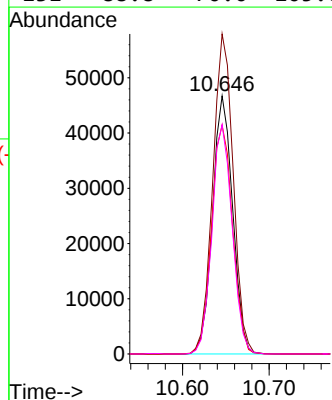
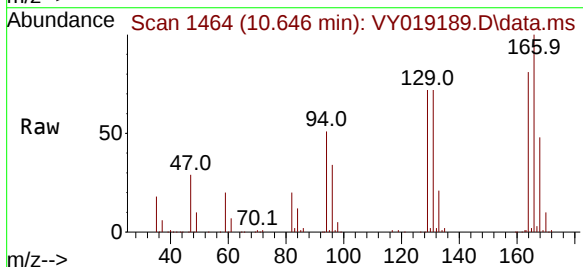
Instrument :
MSVOA_Y
ClientSampleId :

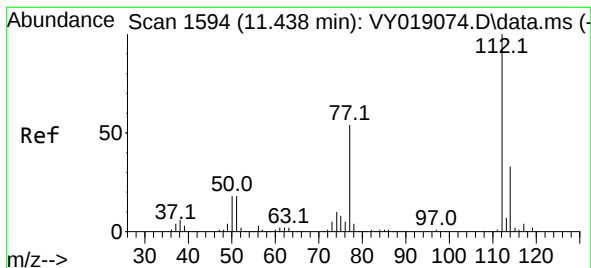
Tgt Ion:117 Resp: 172121
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 50.278 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion:164 Resp: 75642
Ion Ratio Lower Upper
164 100
166 124.0 102.6 154.0
129 88.7 72.0 108.0
131 88.8 70.0 105.0





#65

Chlorobenzene

Concen: 48.335 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

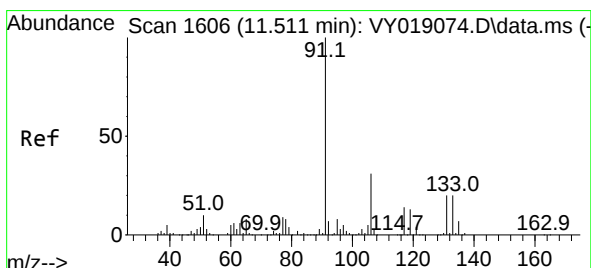
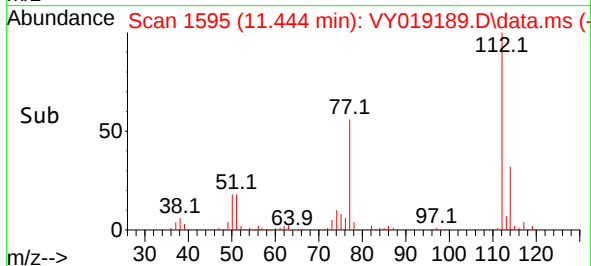
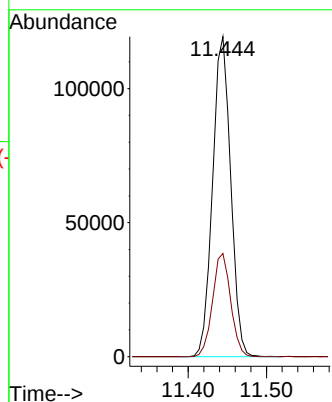
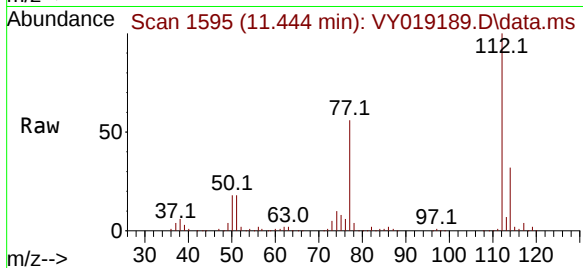
ClientSampleId :

Tgt Ion:112 Resp: 191565

Ion Ratio Lower Upper

112 100

114 32.3 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 49.788 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

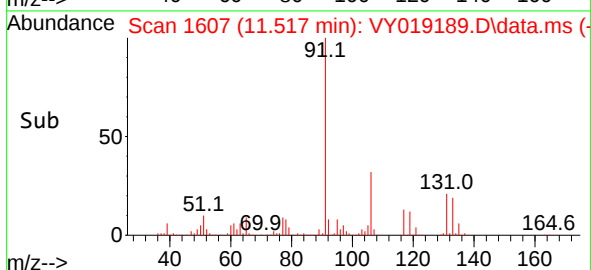
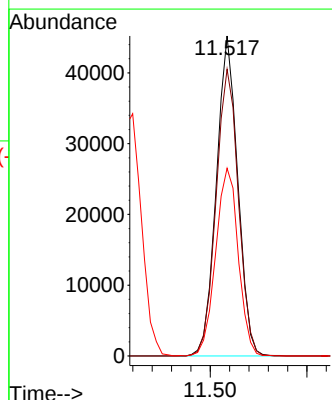
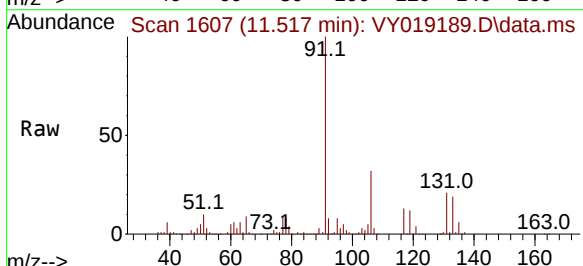
Tgt Ion:131 Resp: 69393

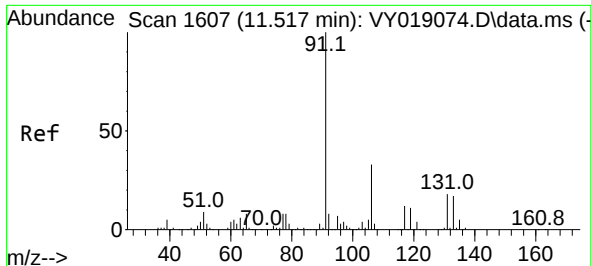
Ion Ratio Lower Upper

131 100

133 93.7 47.8 143.3

119 62.0 34.1 102.2





#67

Ethyl Benzene

Concen: 48.118 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

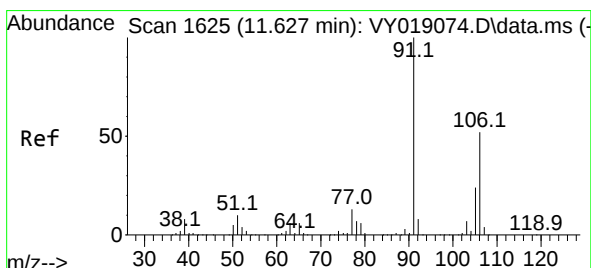
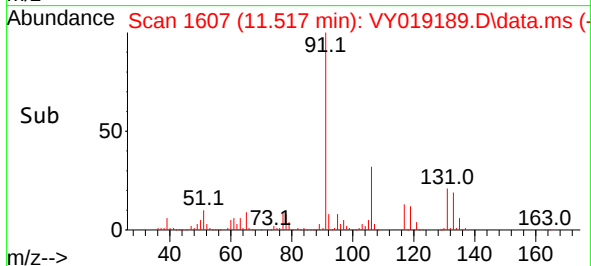
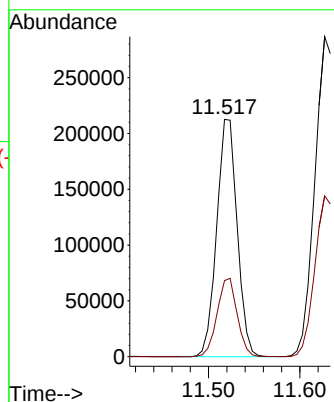
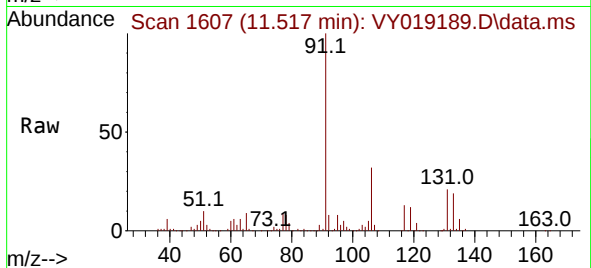
ClientSampleId :

Tgt Ion: 91 Resp: 331004

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 96.696 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019189.D

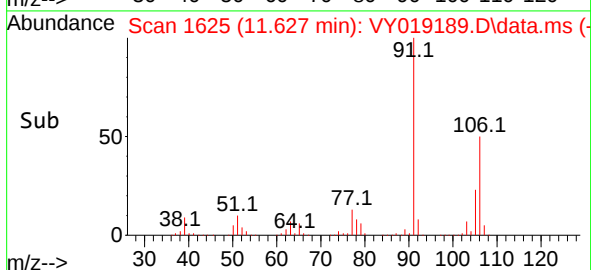
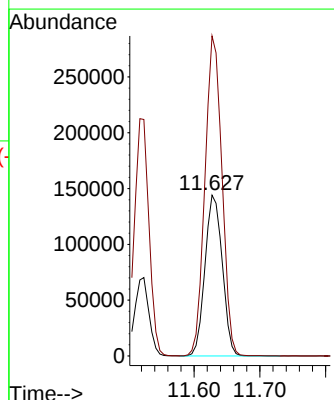
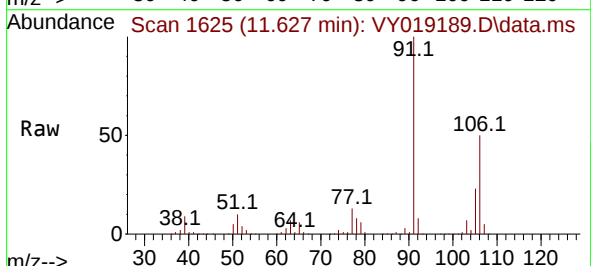
Acq: 21 Aug 2024 23:05

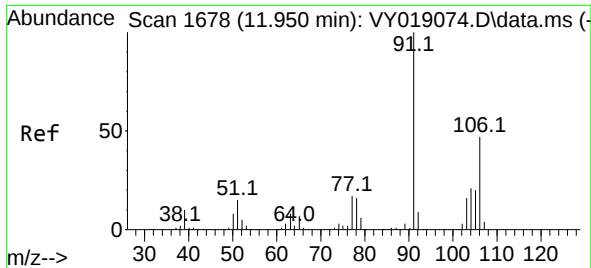
Tgt Ion:106 Resp: 263931

Ion Ratio Lower Upper

106 100

91 196.0 156.0 234.0

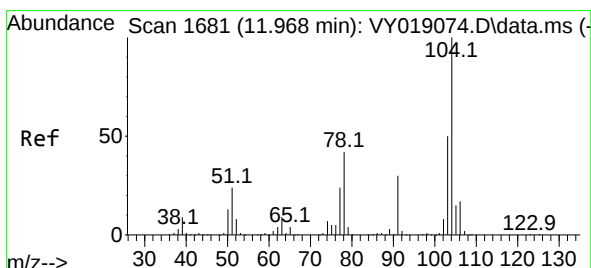
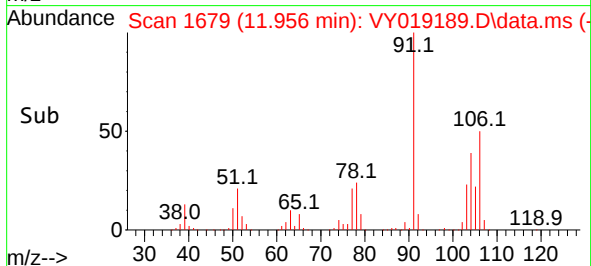
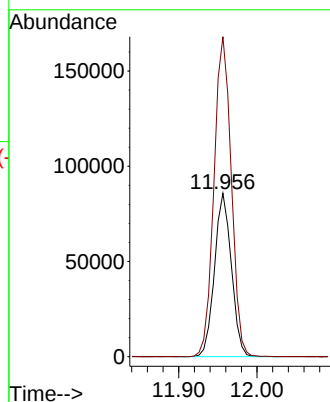
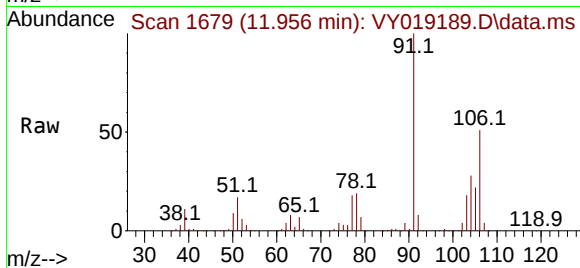




#69
o-Xylene
Concen: 50.756 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

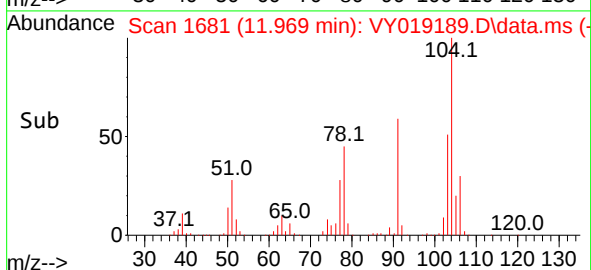
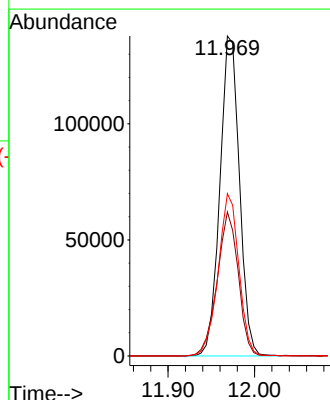
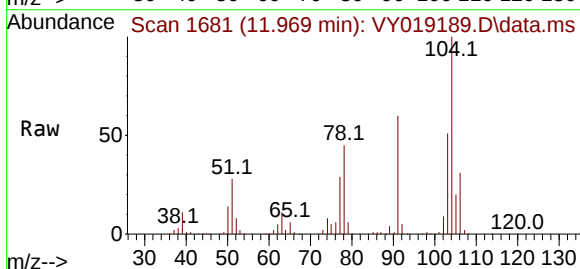
Instrument :
MSVOA_Y
ClientSampleId :

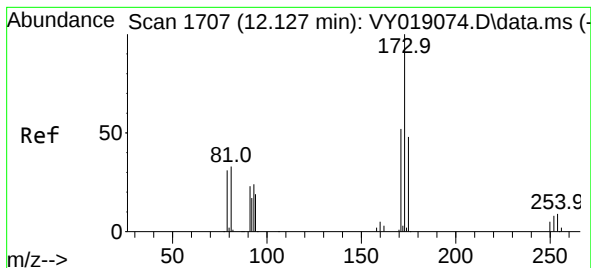
Tgt Ion:106 Resp: 128293
Ion Ratio Lower Upper
106 100
91 201.3 103.6 310.8



#70
Styrene
Concen: 50.194 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion:104 Resp: 216352
Ion Ratio Lower Upper
104 100
78 48.5 37.0 55.4
103 53.7 44.2 66.2





#71

Bromoform

Concen: 51.006 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

ClientSampleId :

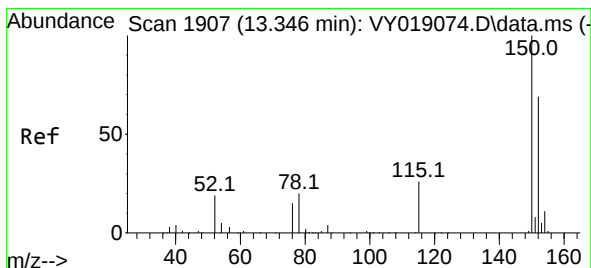
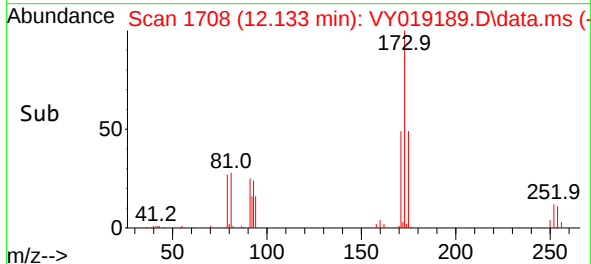
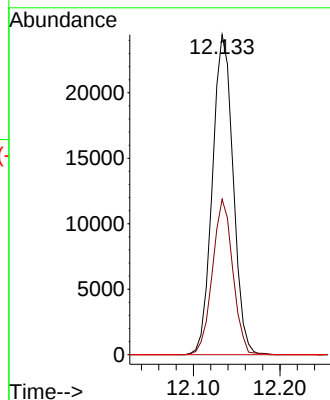
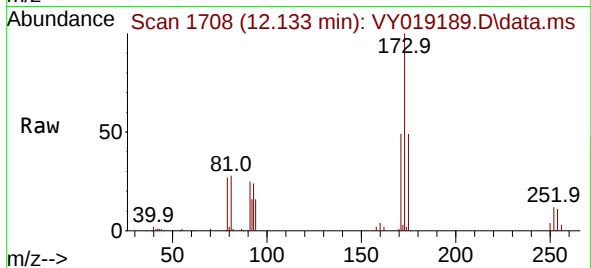
Tgt Ion:173 Resp: 40638

Ion Ratio Lower Upper

173 100

175 47.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

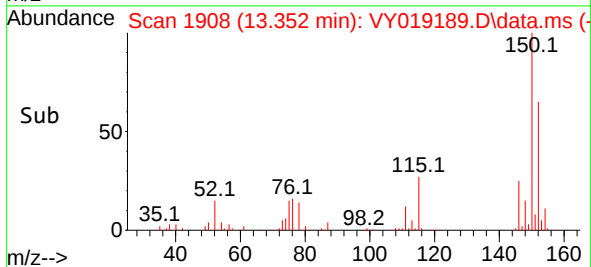
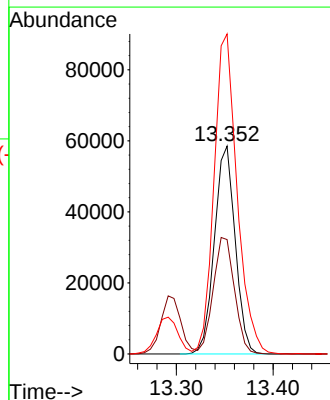
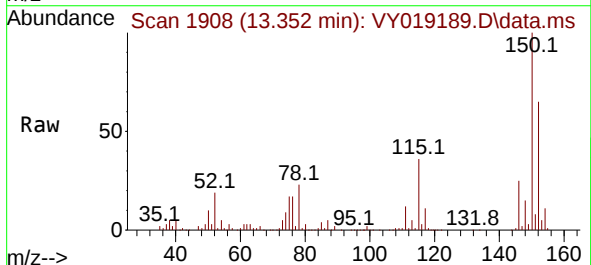
Tgt Ion:152 Resp: 87346

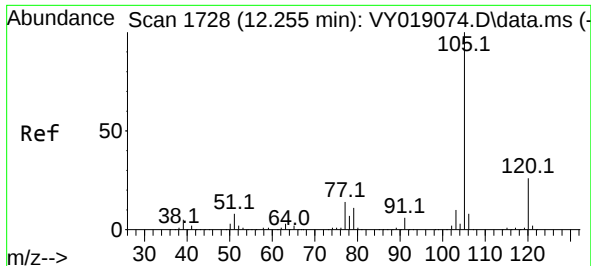
Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 170.7 0.0 345.6

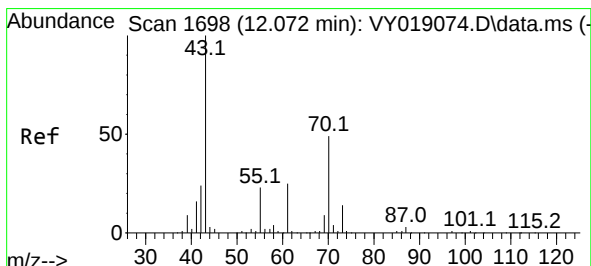
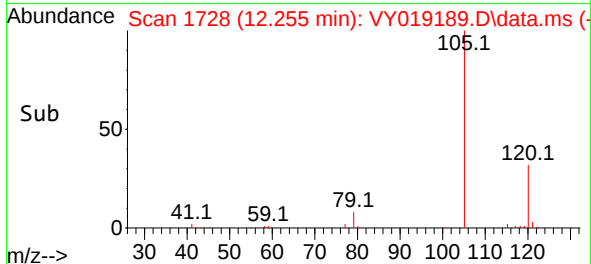
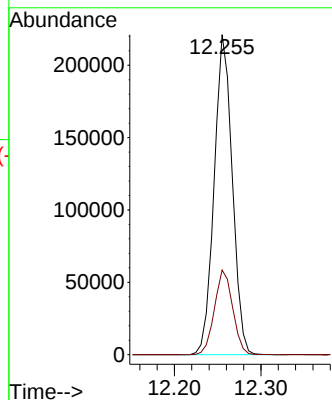
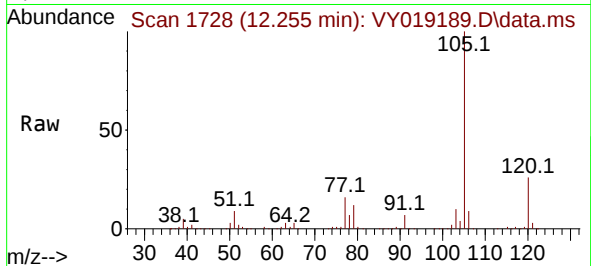




#73
Isopropylbenzene
Concen: 47.981 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

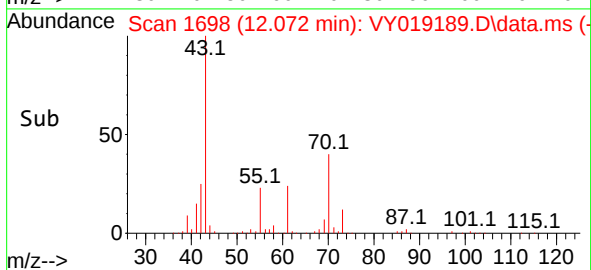
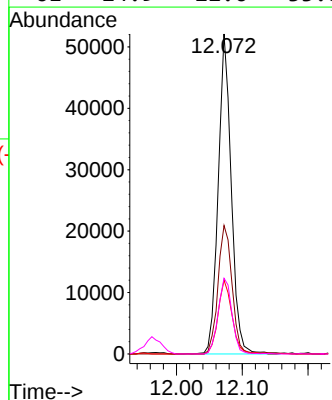
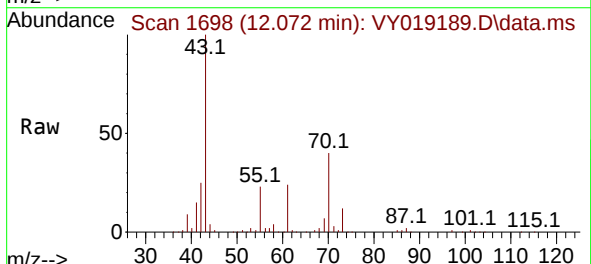
Instrument :
MSVOA_Y
ClientSampleId :

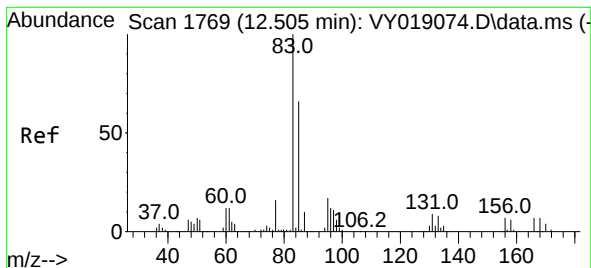
Tgt Ion:105 Resp: 321213
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1



#74
N-ethyl acetate
Concen: 49.323 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion: 43 Resp: 72003
Ion Ratio Lower Upper
43 100
70 43.2 41.4 62.2
55 25.0 23.3 34.9
61 24.9 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 45.257 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

ClientSampleId :

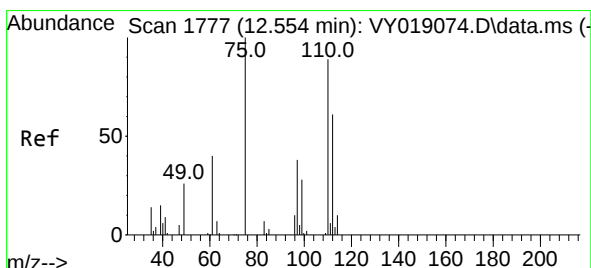
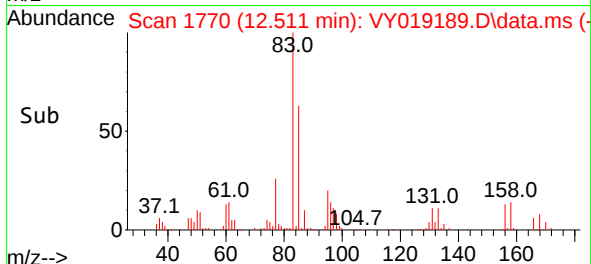
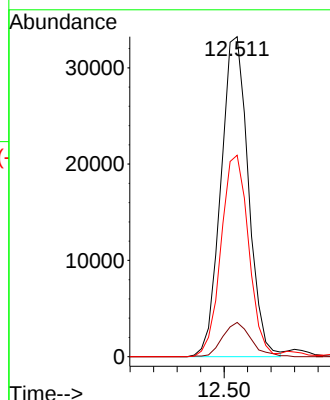
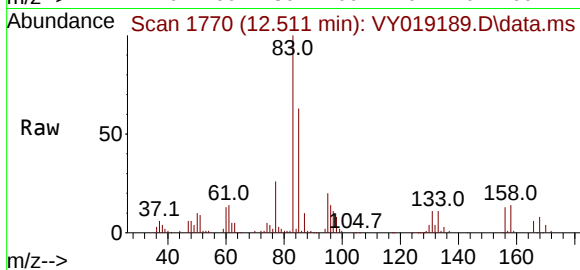
Tgt Ion: 83 Resp: 53939

Ion Ratio Lower Upper

83 100

131 11.1 5.0 14.9

85 63.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 80.735 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY019189.D

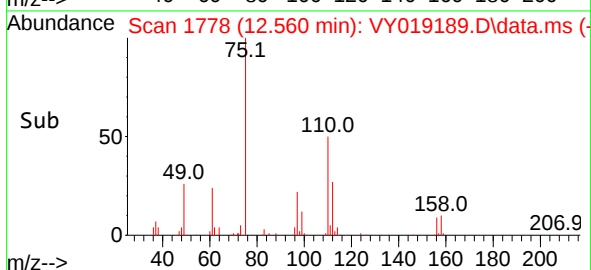
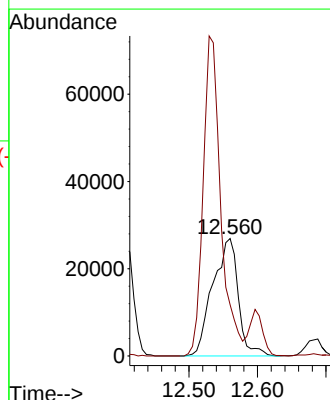
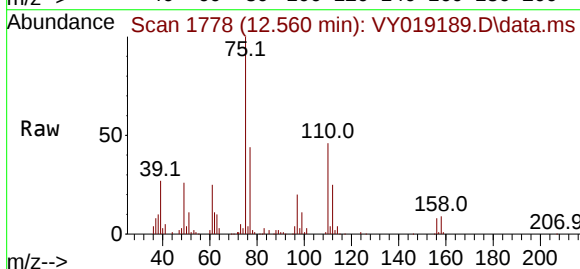
Acq: 21 Aug 2024 23:05

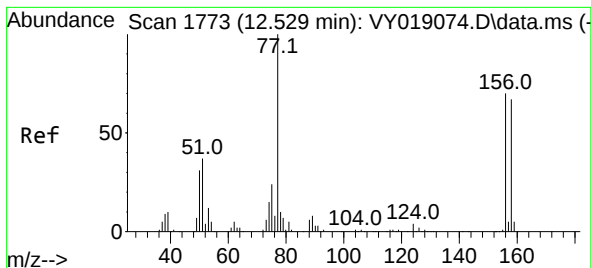
Tgt Ion: 75 Resp: 69544

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.543 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

ClientSampleId :

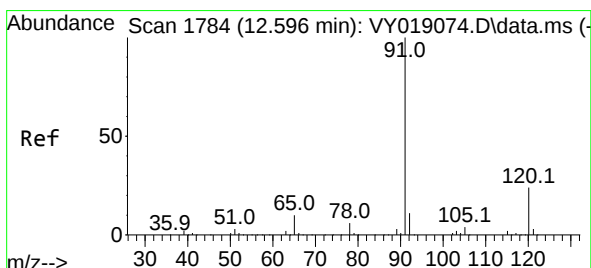
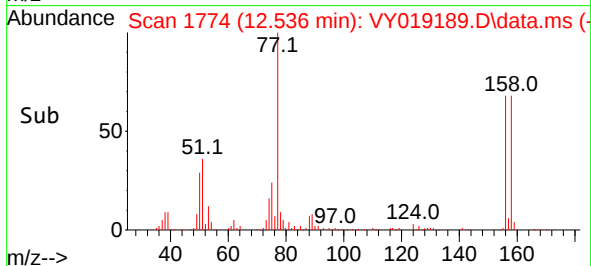
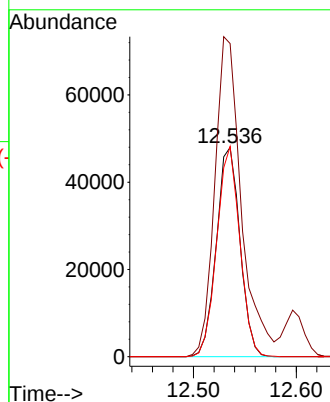
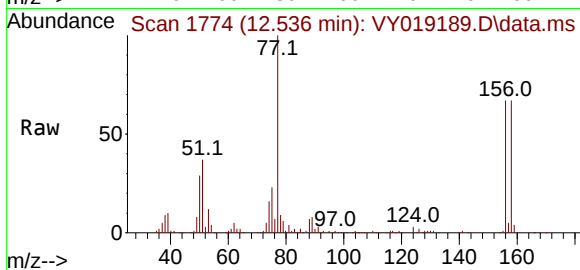
Tgt Ion:156 Resp: 76439

Ion Ratio Lower Upper

156 100

77 171.7 87.1 261.3

158 98.0 48.6 145.9



#78

n-propylbenzene

Concen: 47.449 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019189.D

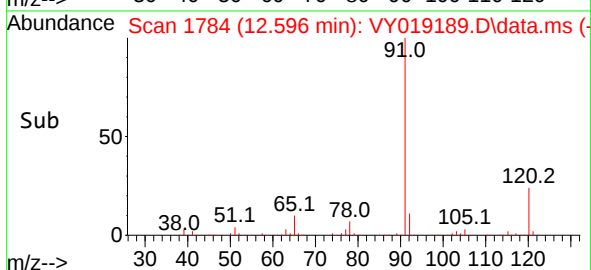
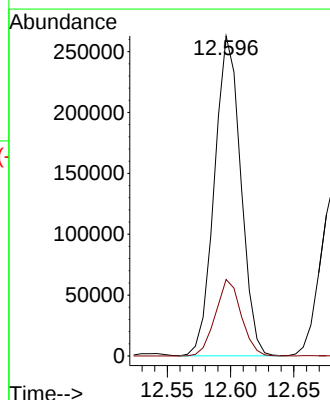
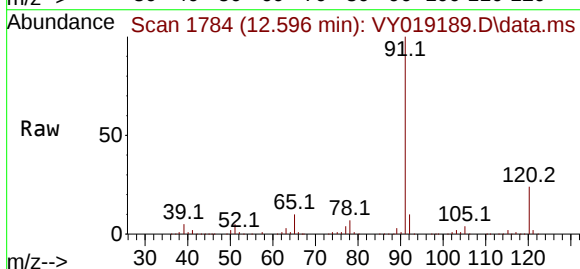
Acq: 21 Aug 2024 23:05

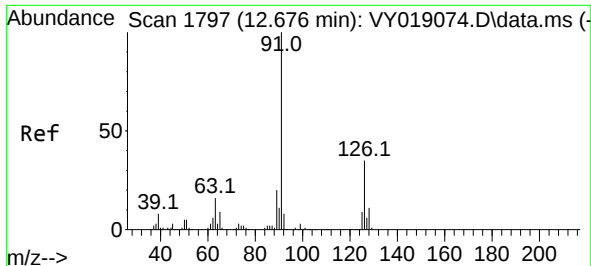
Tgt Ion: 91 Resp: 379735

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

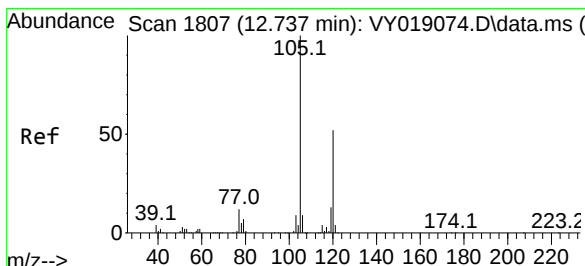
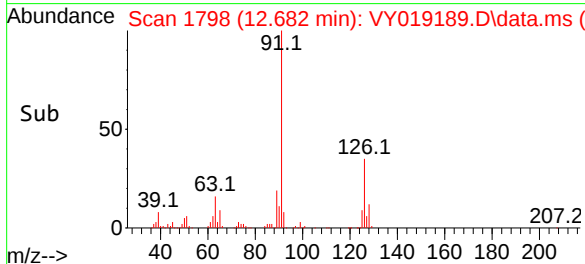
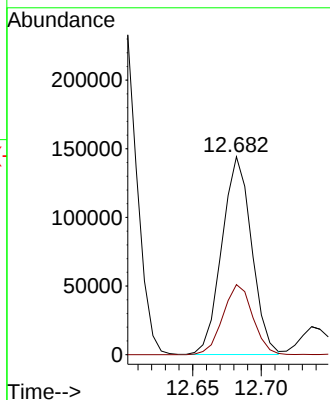
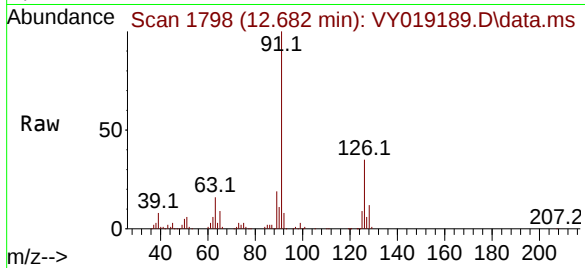




#79
2-Chlorotoluene
Concen: 48.502 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

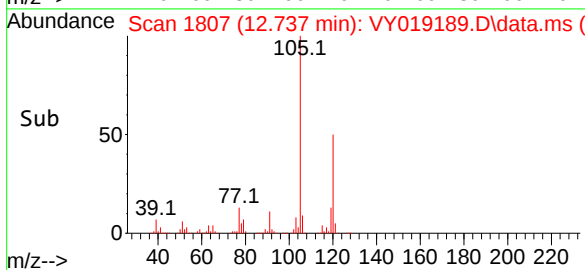
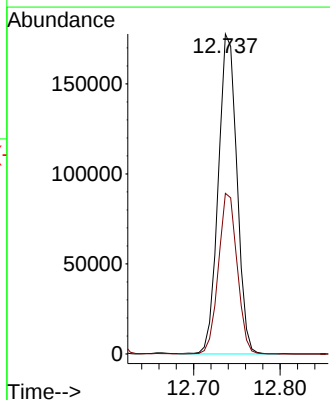
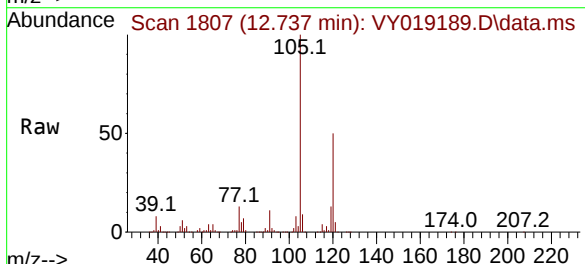
Instrument :
MSVOA_Y
ClientSampleId :

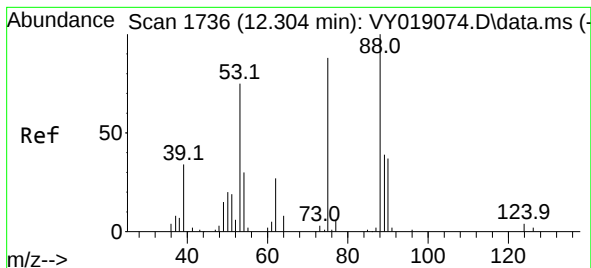
Tgt Ion: 91 Resp: 217621
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 48.673 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion:105 Resp: 265453
Ion Ratio Lower Upper
105 100
120 50.5 25.1 75.2

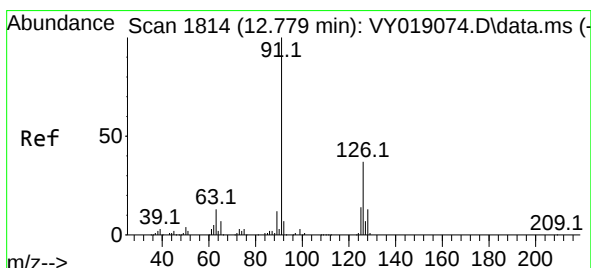
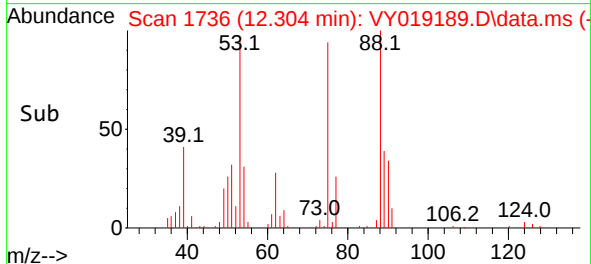
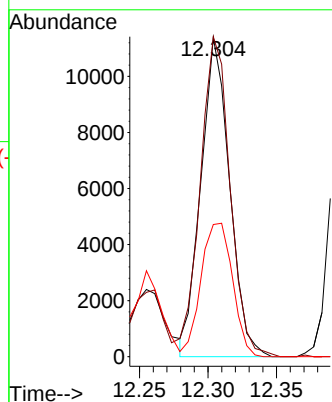
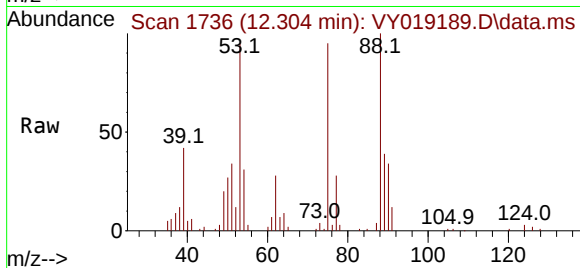




#81
trans-1,4-Dichloro-2-butene
Concen: 47.559 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

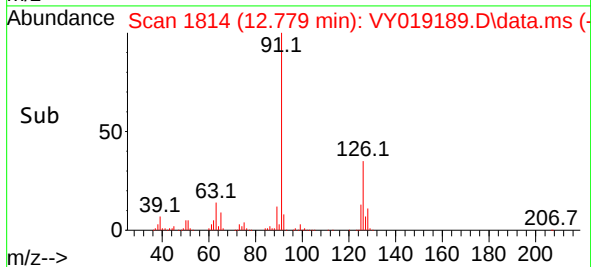
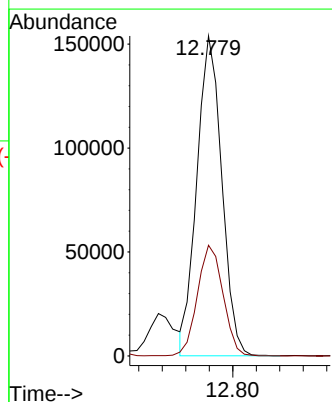
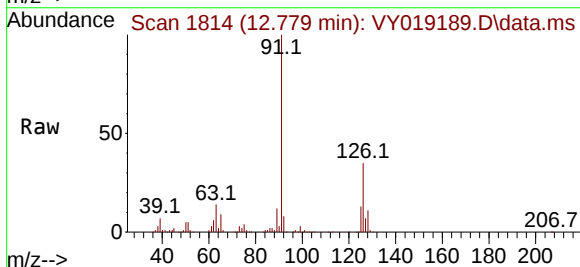
Instrument :
MSVOA_Y
ClientSampleId :

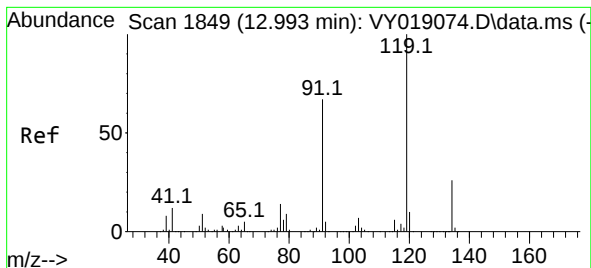
Tgt Ion	Ratio	Lower	Upper
75	100		
53	104.7	66.8	100.2#
89	46.0	35.8	53.6



#82
4-Chlorotoluene
Concen: 48.447 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.6	52.9





#83

tert-Butylbenzene

Concen: 46.708 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

ClientSampleId :

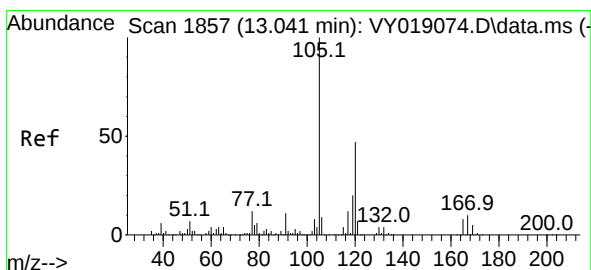
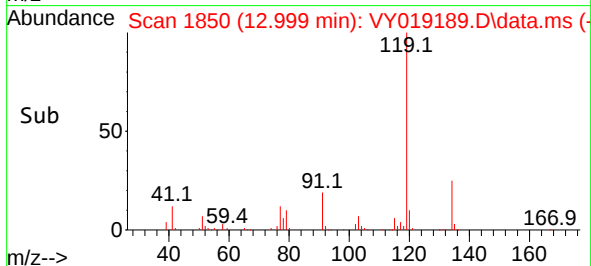
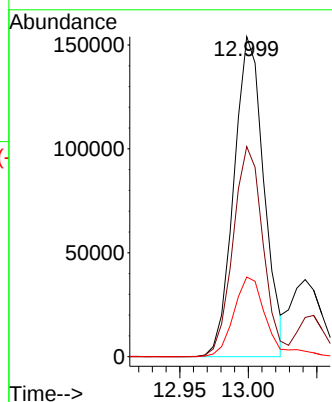
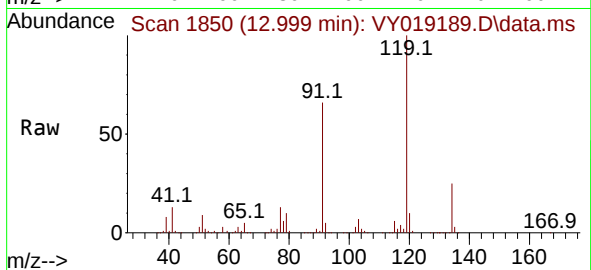
Tgt Ion:119 Resp: 235243

Ion Ratio Lower Upper

119 100

91 65.9 31.3 93.8

134 27.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 48.856 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY019189.D

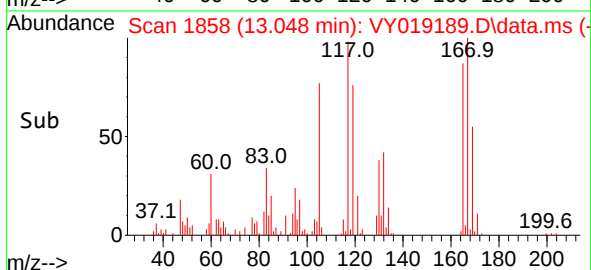
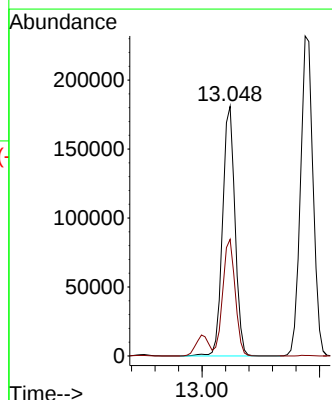
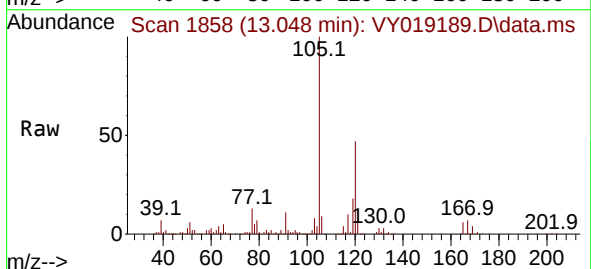
Acq: 21 Aug 2024 23:05

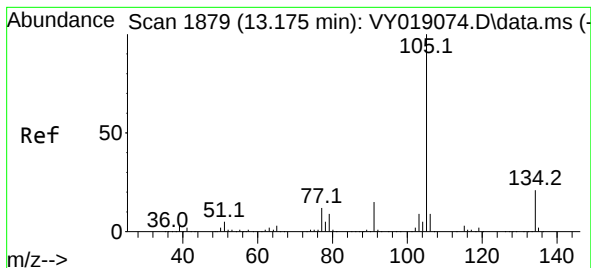
Tgt Ion:105 Resp: 265563

Ion Ratio Lower Upper

105 100

120 46.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 46.779 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

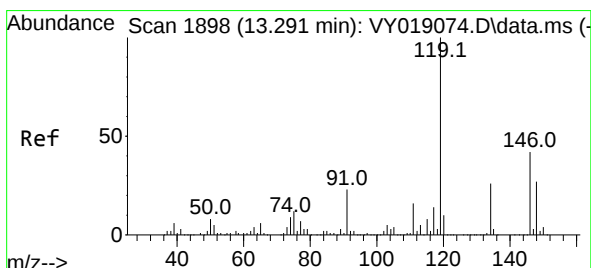
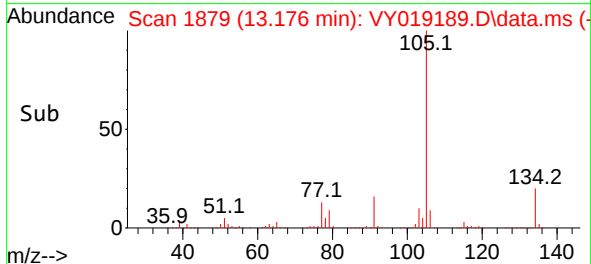
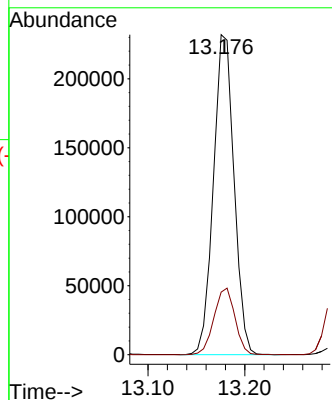
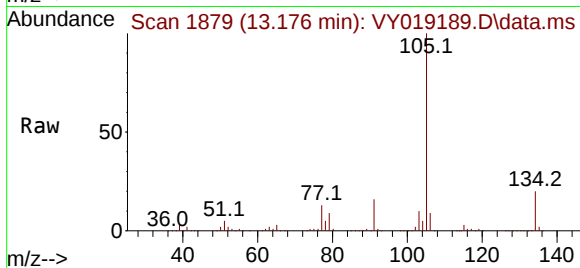
ClientSampleId :

Tgt Ion:105 Resp: 343332

Ion Ratio Lower Upper

105 100

134 21.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 48.478 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

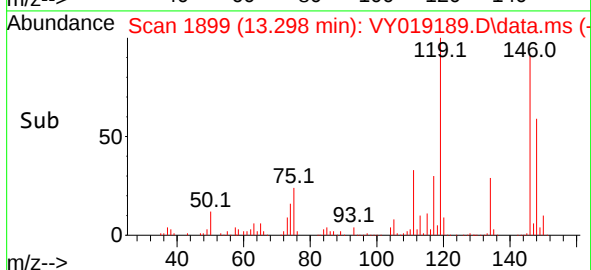
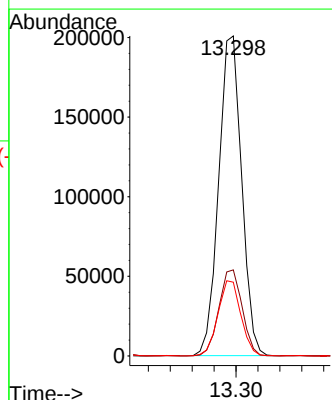
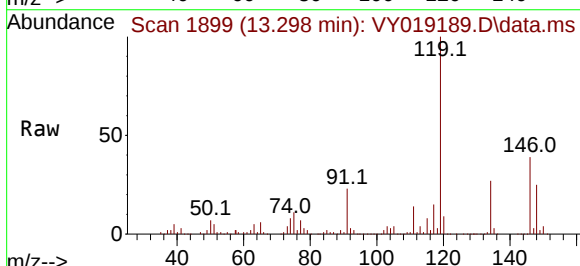
Tgt Ion:119 Resp: 292257

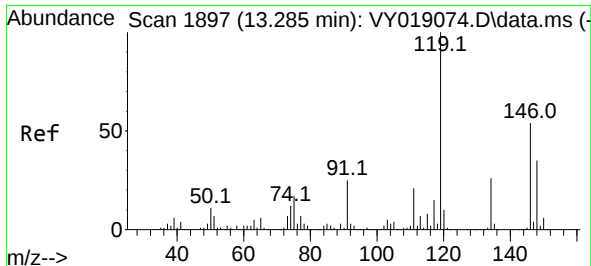
Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

91 23.5 10.7 32.1

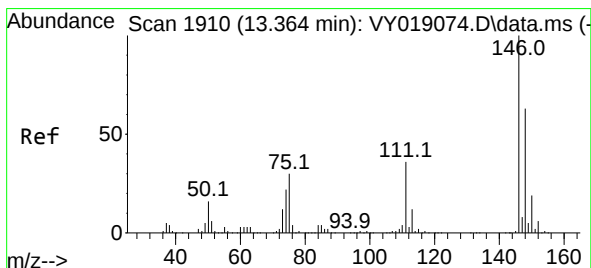
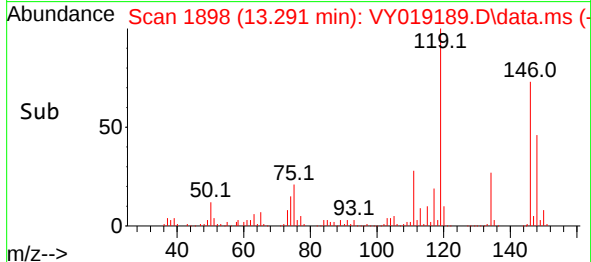
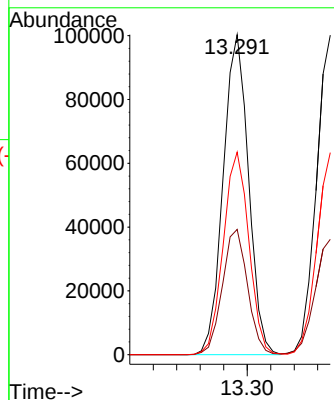
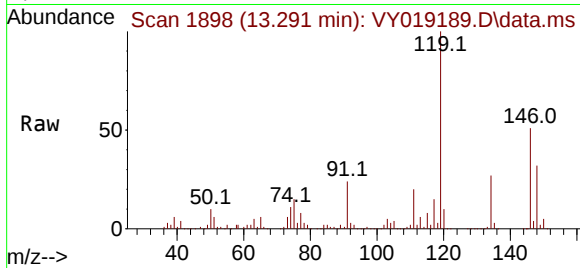




#87
1,3-Dichlorobenzene
Concen: 47.375 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

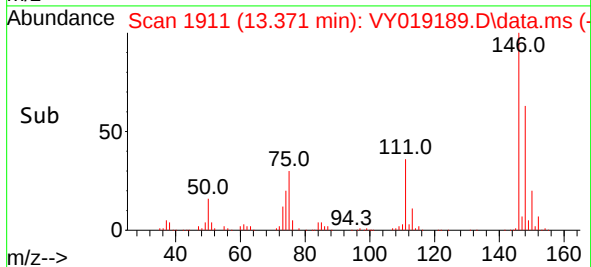
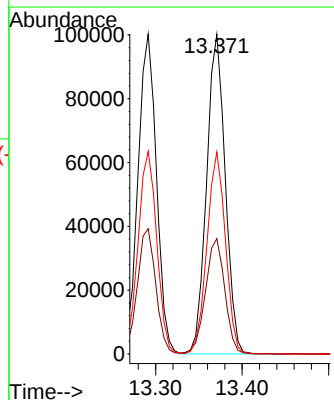
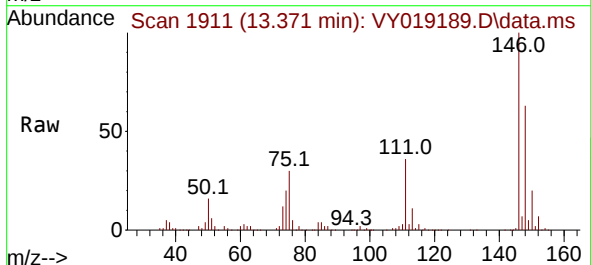
Instrument :
MSVOA_Y
ClientSampleId :

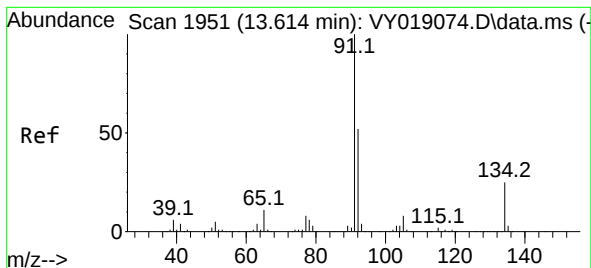
Tgt Ion:146 Resp: 150213
Ion Ratio Lower Upper
146 100
111 39.1 19.0 57.0
148 64.0 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 47.557 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion:146 Resp: 149893
Ion Ratio Lower Upper
146 100
111 37.3 18.4 55.4
148 62.8 32.4 97.2





#89

n-Butylbenzene

Concen: 46.490 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

ClientSampleId :

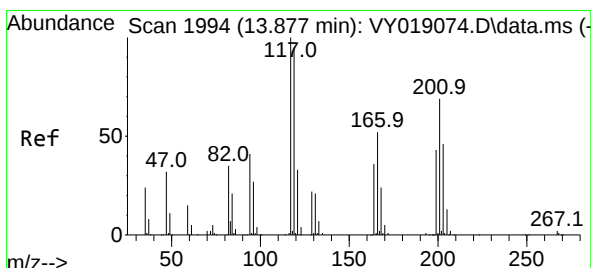
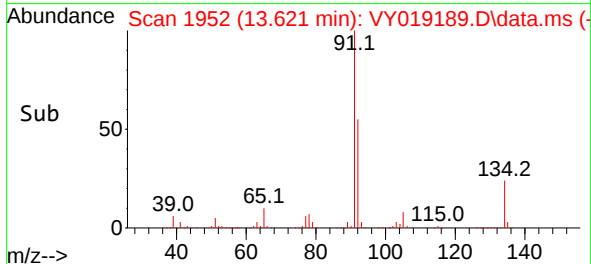
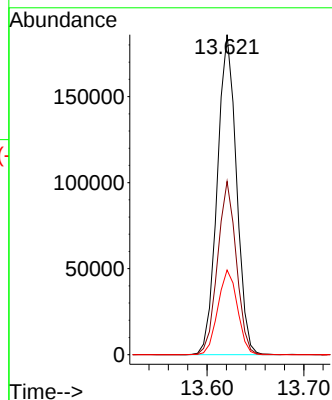
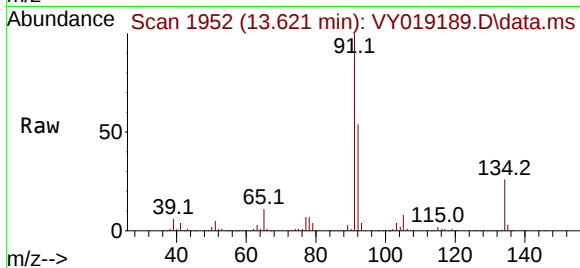
Tgt Ion: 91 Resp: 255527

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 26.9 12.9 38.7



#90

Hexachloroethane

Concen: 47.304 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY019189.D

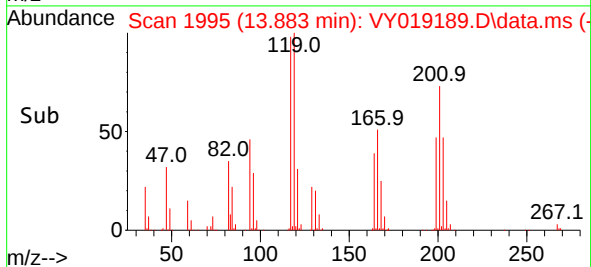
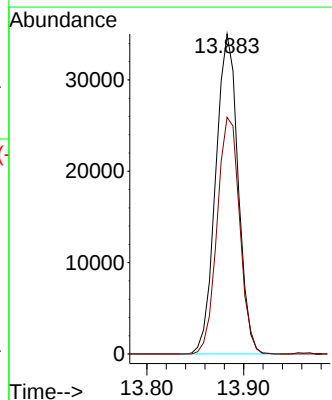
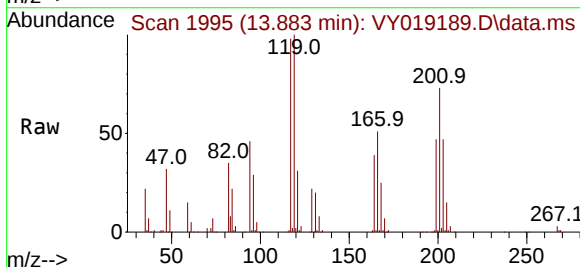
Acq: 21 Aug 2024 23:05

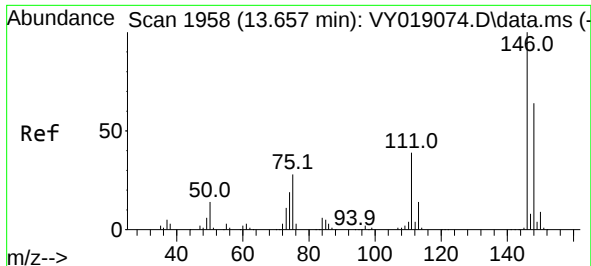
Tgt Ion: 117 Resp: 56210

Ion Ratio Lower Upper

117 100

201 74.5 37.4 112.2

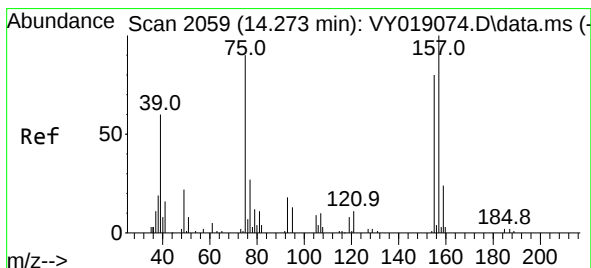
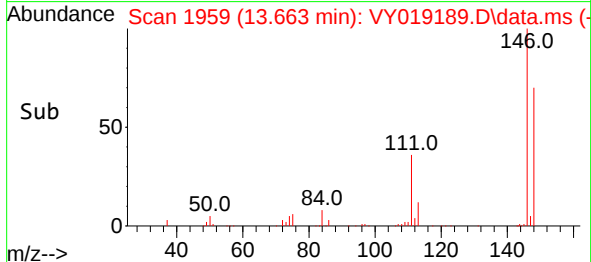
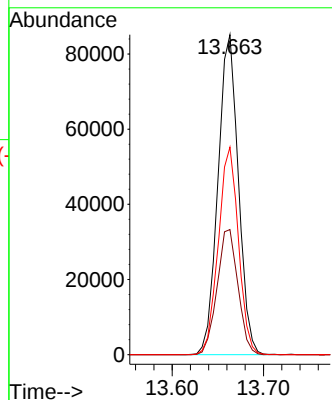
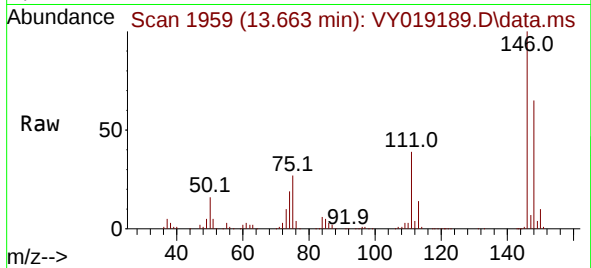




#91
 1,2-Dichlorobenzene
 Concen: 47.376 ug/l
 RT: 13.663 min Scan# 1958
 Delta R.T. 0.006 min
 Lab File: VY019189.D
 Acq: 21 Aug 2024 23:05

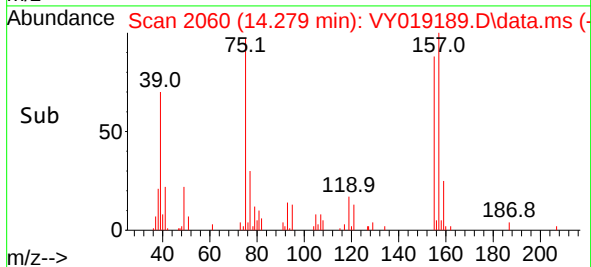
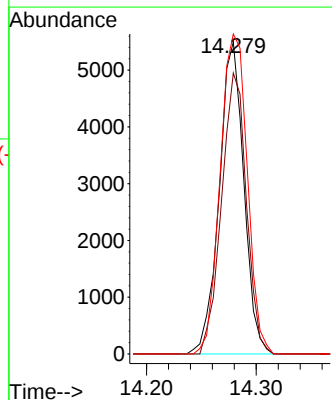
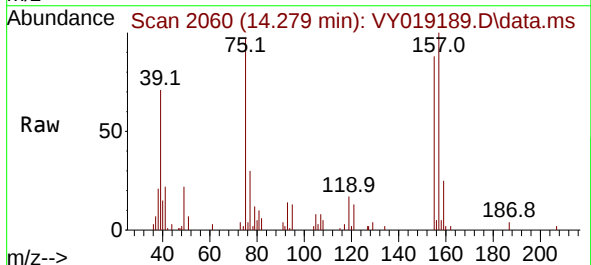
Instrument :
 MSVOA_Y
 ClientSampleId :

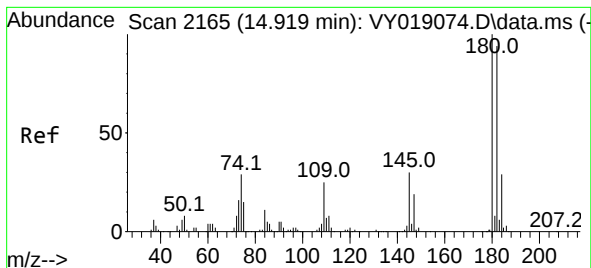
Tgt Ion:146 Resp: 132115
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.9 59.7
 148 64.0 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.839 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.006 min
 Lab File: VY019189.D
 Acq: 21 Aug 2024 23:05

Tgt Ion: 75 Resp: 8563
 Ion Ratio Lower Upper
 75 100
 155 90.9 48.6 145.8
 157 112.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 46.583 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

Instrument :

MSVOA_Y

ClientSampleId :

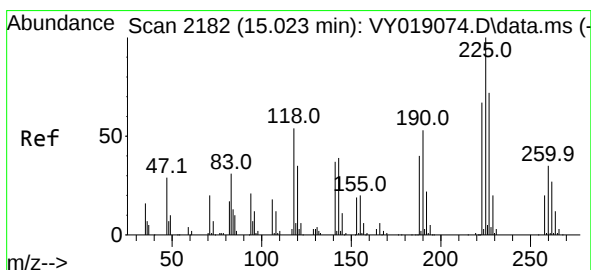
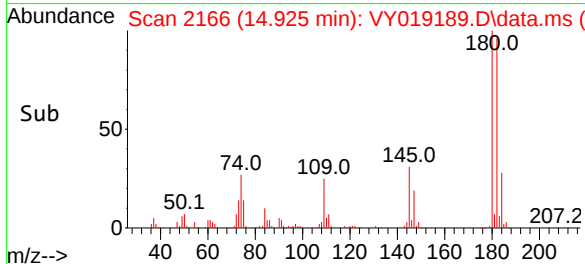
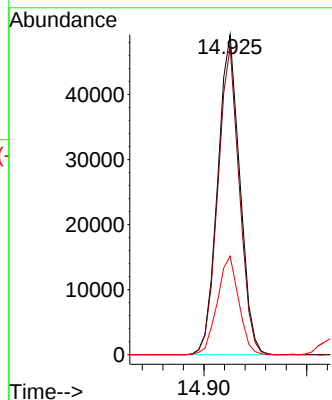
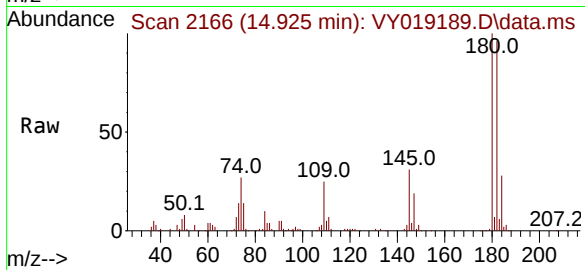
Tgt Ion:180 Resp: 73259

Ion Ratio Lower Upper

180 100

182 93.5 47.9 143.8

145 29.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 49.724 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY019189.D

Acq: 21 Aug 2024 23:05

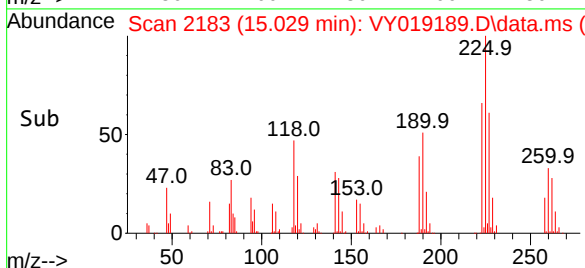
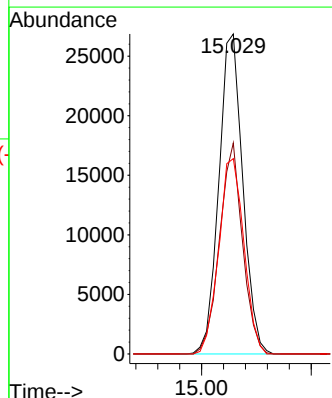
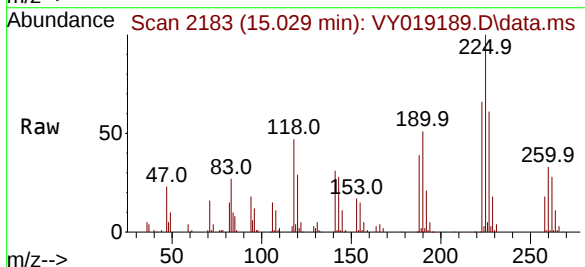
Tgt Ion:225 Resp: 40731

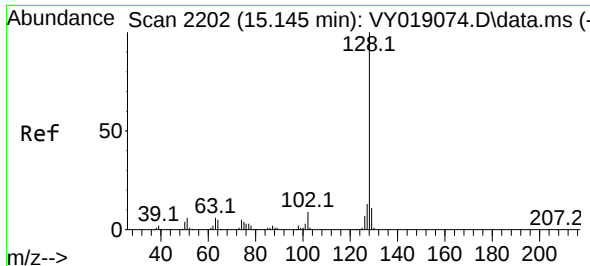
Ion Ratio Lower Upper

225 100

223 63.2 30.4 91.2

227 64.2 31.9 95.9

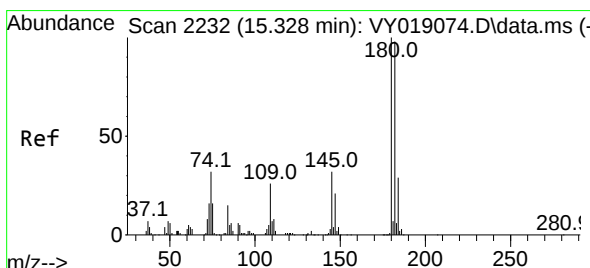
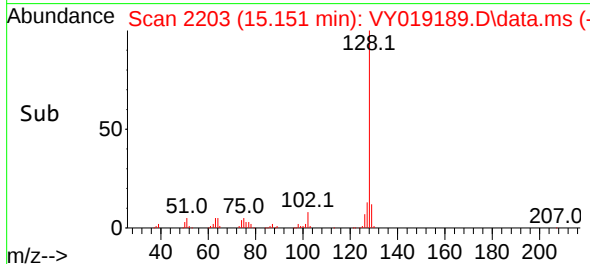
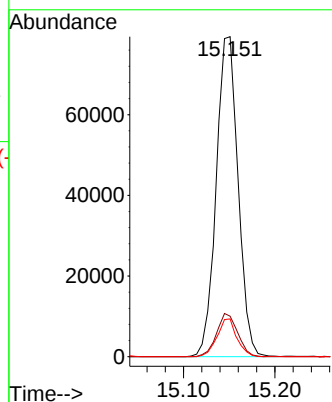
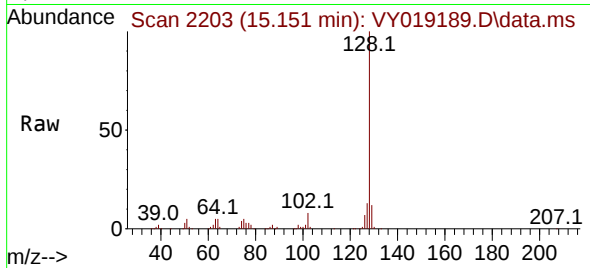




#95
Naphthalene
Concen: 47.020 ug/l
RT: 15.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 131970
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.078 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.006 min
Lab File: VY019189.D
Acq: 21 Aug 2024 23:05

Tgt Ion:180 Resp: 63771
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 31.9 15.4 46.1

