

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
 Data File : VY019706.D
 Acq On : 26 Sep 2024 12:15
 Operator : SY/MD
 Sample : VY0926SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 27 01:59:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	364031	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	628091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	525328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	247984	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	181374	53.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.620%	
35) Dibromofluoromethane	7.628	113	183110	51.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.840%	
50) Toluene-d8	10.109	98	656809	49.864	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.720%	
62) 4-Bromofluorobenzene	12.408	95	236465	46.689	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.380%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	47985	21.808	ug/l	99
3) Chloromethane	2.074	50	59303	19.690	ug/l	95
4) Vinyl Chloride	2.208	62	70717	21.714	ug/l	98
5) Bromomethane	2.592	94	51659	25.823	ug/l	100
6) Chloroethane	2.732	64	49249	23.132	ug/l	94
7) Trichlorofluoromethane	3.056	101	120515	22.199	ug/l	100
8) Diethyl Ether	3.452	74	35742	19.613	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.818	101	71627	21.328	ug/l	95
10) Methyl Iodide	4.000	142	73890	17.161	ug/l	94
11) Tert butyl alcohol	4.848	59	32245	118.451	ug/l #	83
12) 1,1-Dichloroethene	3.787	96	63484	19.656	ug/l	84
13) Acrolein	3.647	56	14533	102.437	ug/l	97
14) Allyl chloride	4.378	41	106546	18.396	ug/l	93
15) Acrylonitrile	5.055	53	83165	105.841	ug/l	99
16) Acetone	3.866	43	85388	106.329	ug/l #	85
17) Carbon Disulfide	4.104	76	138142	15.831	ug/l	98
18) Methyl Acetate	4.385	43	40971	18.800	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	188103	20.564	ug/l	100
20) Methylene Chloride	4.610	84	76776	20.964	ug/l	89
21) trans-1,2-Dichloroethene	5.110	96	69120	19.525	ug/l	95
22) Diisopropyl ether	6.012	45	240983	20.261	ug/l	94
23) Vinyl Acetate	5.957	43	677067	99.662	ug/l #	93
24) 1,1-Dichloroethane	5.909	63	137187	20.555	ug/l	97
25) 2-Butanone	6.890	43	121699	106.553	ug/l #	85
26) 2,2-Dichloropropane	6.878	77	127380	21.159	ug/l	95
27) cis-1,2-Dichloroethene	6.884	96	88538	20.589	ug/l	89
28) Bromochloromethane	7.238	49	53470	19.041	ug/l	85
29) Tetrahydrofuran	7.256	42	71538	103.015	ug/l #	85
30) Chloroform	7.415	83	147567	21.659	ug/l	95
31) Cyclohexane	7.701	56	111206	18.434	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	132021	21.618	ug/l	97
36) 1,1-Dichloropropene	7.835	75	97298	20.079	ug/l	96
37) Ethyl Acetate	6.976	43	50014	20.144	ug/l	96
38) Carbon Tetrachloride	7.817	117	111962	20.489	ug/l	97
39) Methylcyclohexane	9.103	83	118830	18.427	ug/l	94
40) Benzene	8.079	78	295896	19.825	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	29091	20.100	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	85196	21.213	ug/l	96
43) Isopropyl Acetate	8.195	43	102251	19.603	ug/l	91
44) Trichloroethene	8.865	130	75413	19.647	ug/l	98
45) 1,2-Dichloropropane	9.140	63	74532	20.427	ug/l	99
46) Dibromomethane	9.231	93	41046	20.571	ug/l	95
47) Bromodichloromethane	9.420	83	111376	20.765	ug/l	97
48) Methyl methacrylate	9.219	41	45817	18.600	ug/l	85
49) 1,4-Dioxane	9.231	88	9988	425.209	ug/l #	97
51) 4-Methyl-2-Pentanone	9.999	43	261674	99.714	ug/l	92
52) Toluene	10.170	92	192452	20.049	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	97727	19.114	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	115141	19.340	ug/l #	87
55) 1,1,2-Trichloroethane	10.572	97	57834	20.989	ug/l	96
56) Ethyl methacrylate	10.438	69	79858	19.078	ug/l #	80
57) 1,3-Dichloropropane	10.719	76	97511	20.587	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	186980	96.245	ug/l	98
59) 2-Hexanone	10.761	43	186368	96.869	ug/l	89
60) Dibromochloromethane	10.914	129	73933	20.283	ug/l	100
61) 1,2-Dibromoethane	11.011	107	52585	20.482	ug/l	96
64) Tetrachloroethene	10.646	164	64365	19.786	ug/l	93
65) Chlorobenzene	11.444	112	215547	20.859	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	74484	20.818	ug/l	98
67) Ethyl Benzene	11.517	91	384062	20.917	ug/l	98
68) m/p-Xylenes	11.627	106	286635	41.286	ug/l	95
69) o-Xylene	11.956	106	140471	20.689	ug/l	97
70) Styrene	11.969	104	235701	20.561	ug/l	96
71) Bromoform	12.133	173	41183	20.153	ug/l #	96
73) Isopropylbenzene	12.255	105	375916	20.895	ug/l	99
74) N-amyl acetate	12.072	43	92612	18.928	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	67609	21.173	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	86270	37.116	ug/l #	100
77) Bromobenzene	12.529	156	82038	20.561	ug/l	91
78) n-propylbenzene	12.597	91	446891	20.958	ug/l	100
79) 2-Chlorotoluene	12.682	91	255548	20.564	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	304980	20.853	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	22227	18.358	ug/l	91
82) 4-Chlorotoluene	12.779	91	264233	20.682	ug/l	95
83) tert-Butylbenzene	12.999	119	280245	21.166	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	295311	20.398	ug/l	98
85) sec-Butylbenzene	13.176	105	411214	21.379	ug/l	99
86) p-Isopropyltoluene	13.291	119	329286	20.924	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	162713	20.987	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	160065	20.803	ug/l	97
89) n-Butylbenzene	13.615	91	311207	20.686	ug/l	100
90) Hexachloroethane	13.877	117	66088	20.183	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	143937	20.804	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10635	19.983	ug/l	82
93) 1,2,4-Trichlorobenzene	14.919	180	77841	18.499	ug/l	97
94) Hexachlorobutadiene	15.023	225	44022	19.583	ug/l	98
95) Naphthalene	15.145	128	156182	18.534	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	67563	18.771	ug/l	98

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QLast Update : Mon Sep 09 16:00:30 2024
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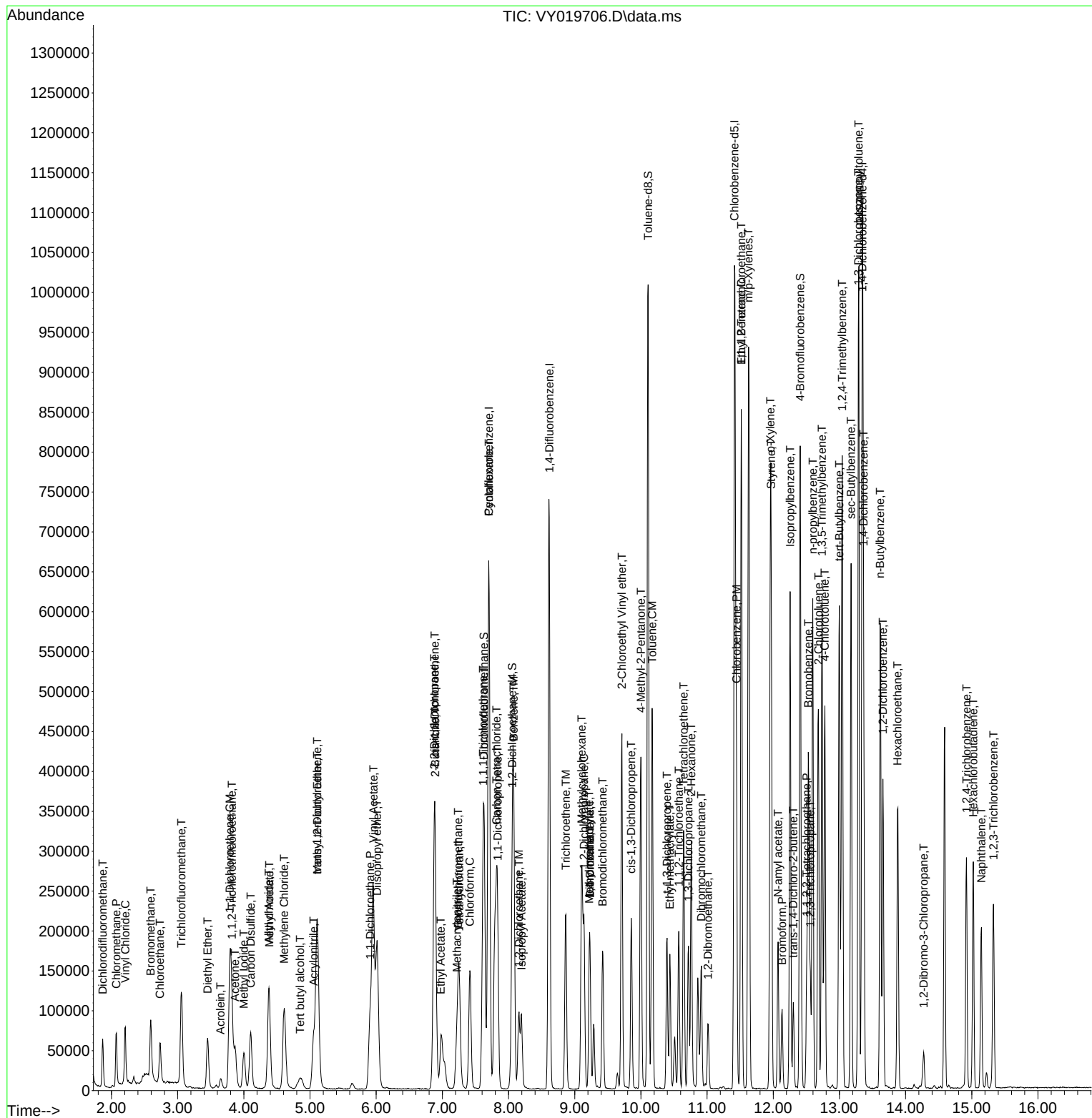
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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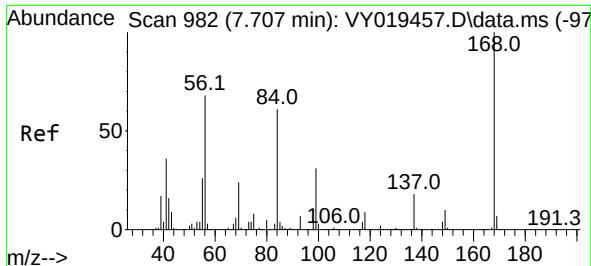
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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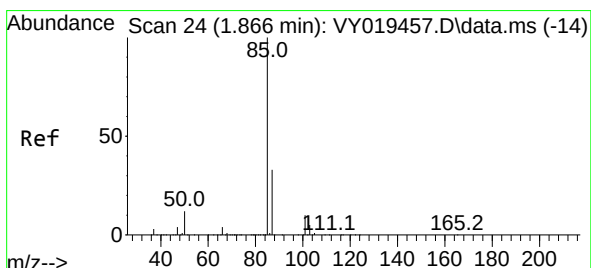
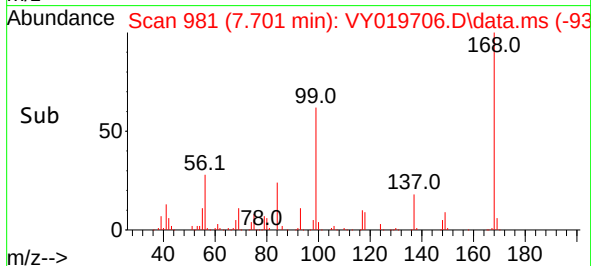
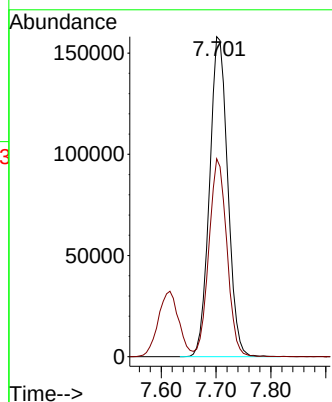
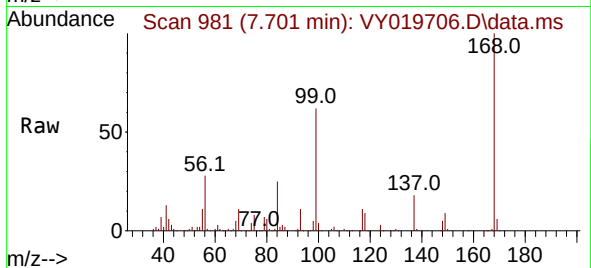




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
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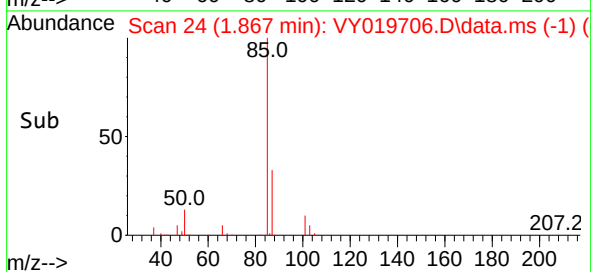
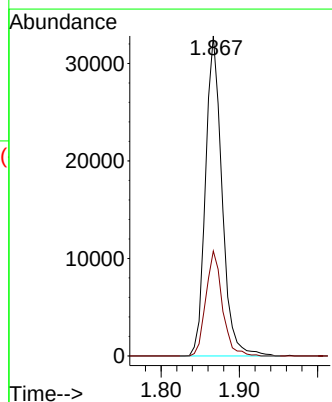
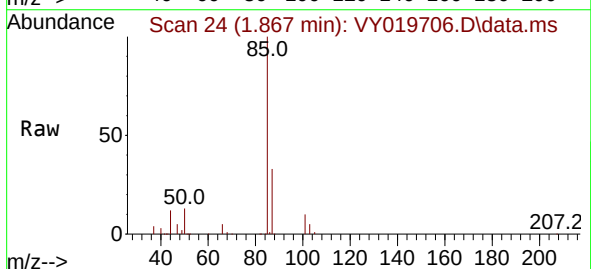
Instrument :
MSVOA_Y
ClientSampleId :

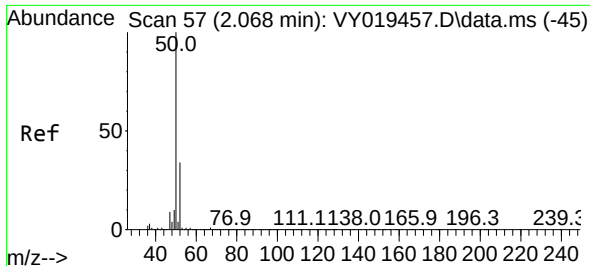
Tgt Ion:168 Resp: 364031
Ion Ratio Lower Upper
168 100
99 61.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 21.808 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion: 85 Resp: 47985
Ion Ratio Lower Upper
85 100
87 32.8 16.0 48.0

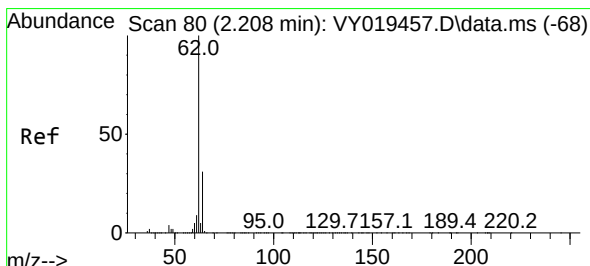
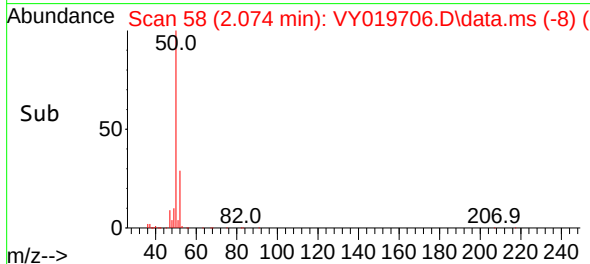
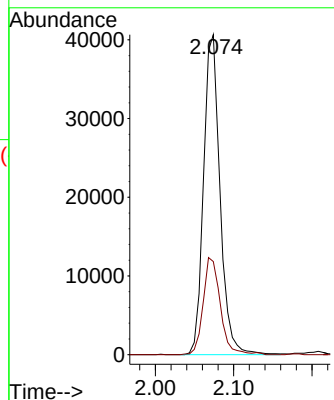
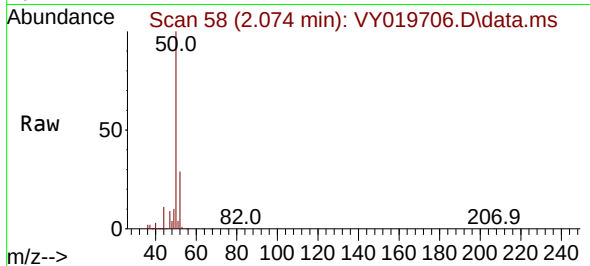




#3
Chloromethane
Concen: 19.690 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

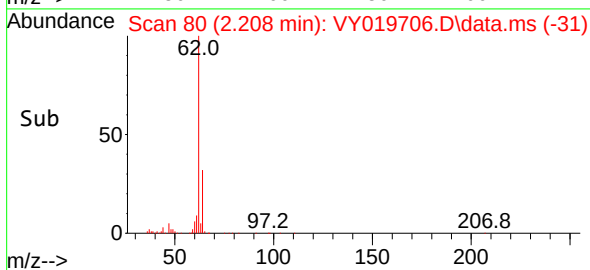
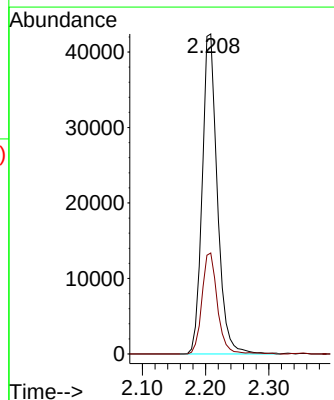
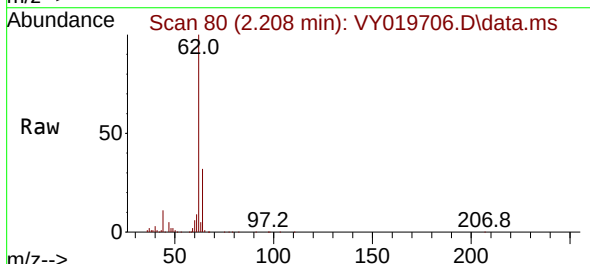
Instrument :
MSVOA_Y
ClientSampleId :

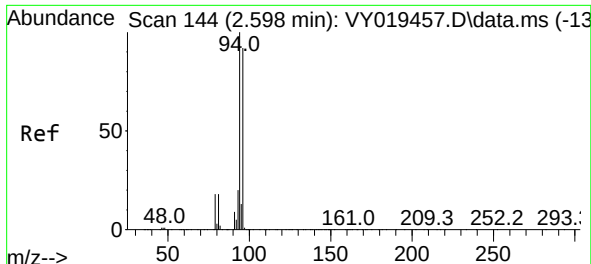
Tgt Ion: 50 Resp: 59303
Ion Ratio Lower Upper
50 100
52 29.1 25.6 38.4



#4
Vinyl Chloride
Concen: 21.714 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion: 62 Resp: 70717
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1

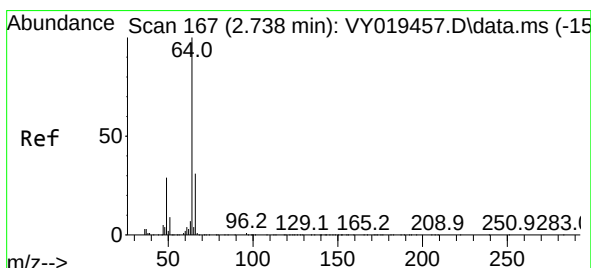
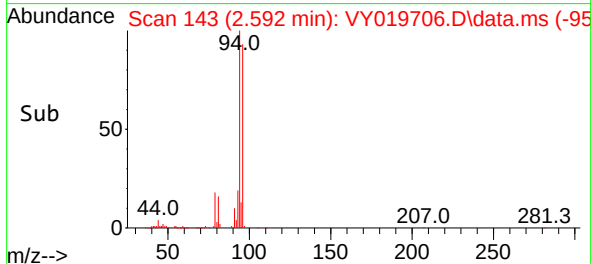
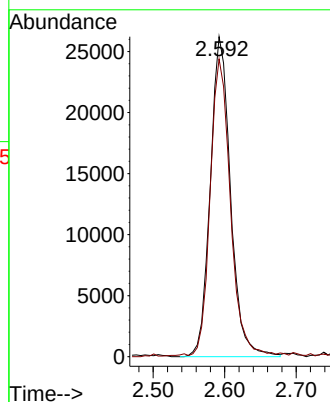
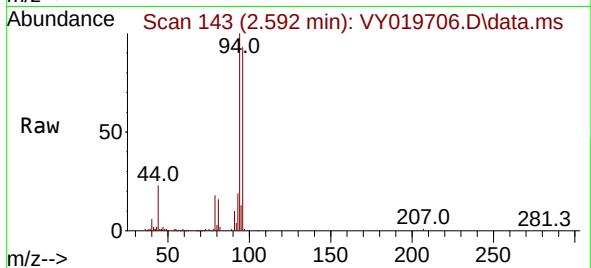




#5
Bromomethane
Concen: 25.823 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

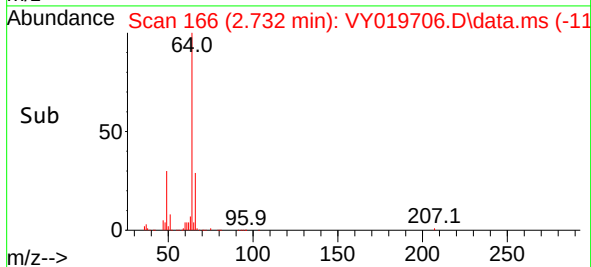
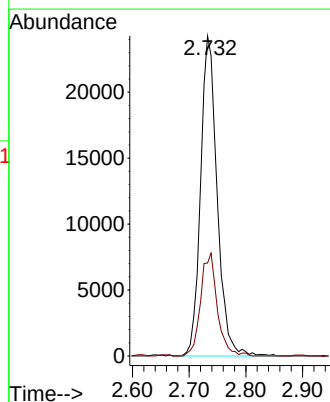
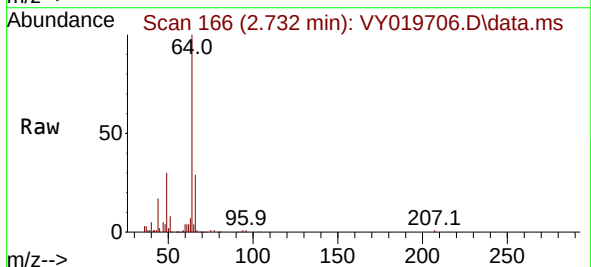
Instrument :
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ClientSampleId :

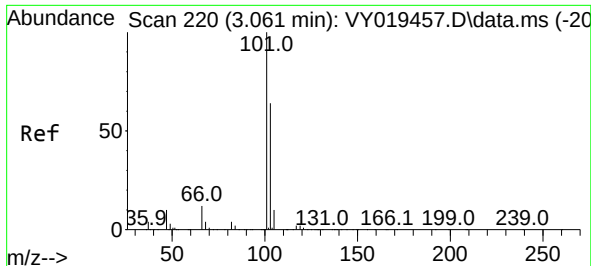
Tgt Ion: 94 Resp: 51659
Ion Ratio Lower Upper
94 100
96 92.5 74.1 111.1



#6
Chloroethane
Concen: 23.132 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

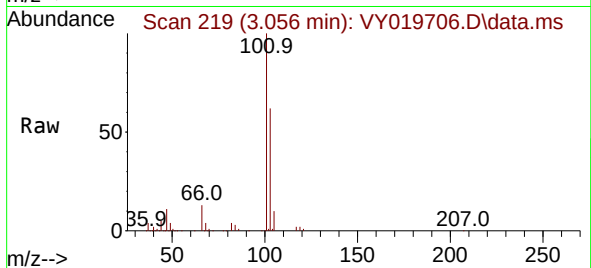
Tgt Ion: 64 Resp: 49249
Ion Ratio Lower Upper
64 100
66 29.1 26.1 39.1



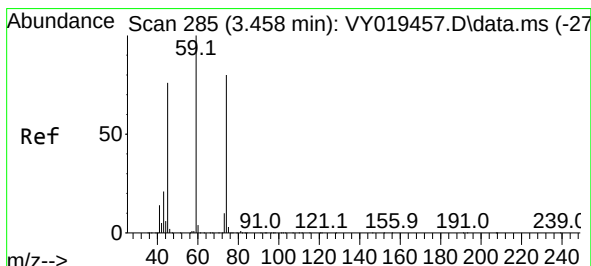
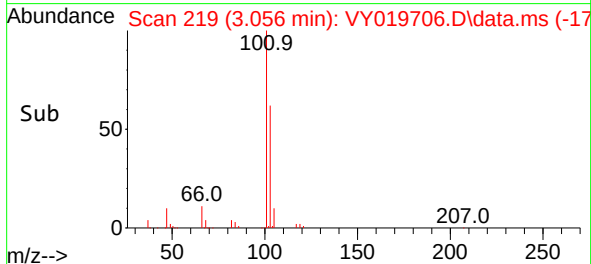
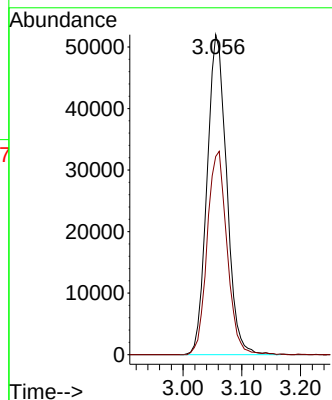


#7
 Trichlorofluoromethane
 Concen: 22.199 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019706.D
 Acq: 26 Sep 2024 12:15

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 ClientSampleId :

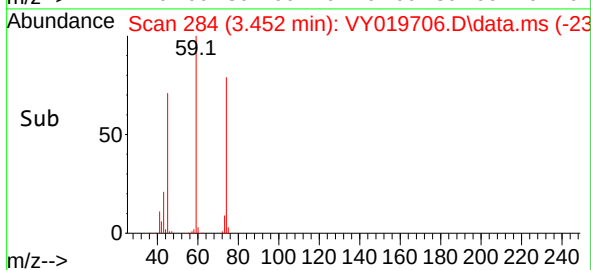
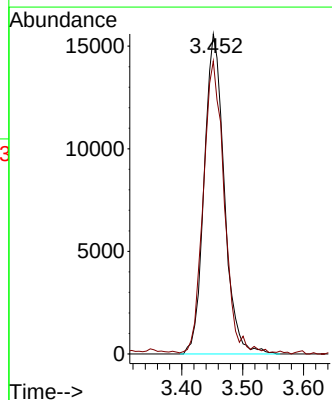
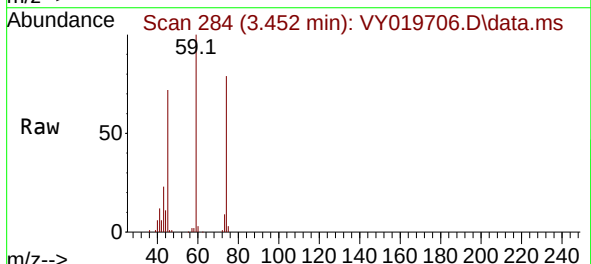


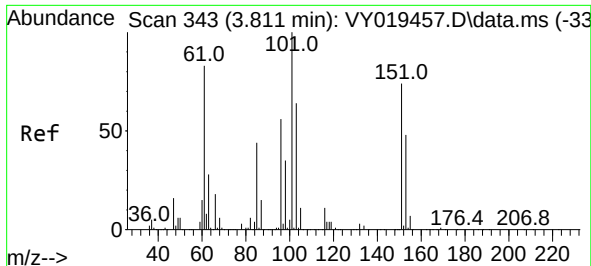
Tgt Ion:101 Resp: 120515
 Ion Ratio Lower Upper
 101 100
 103 62.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.613 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019706.D
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Tgt Ion: 74 Resp: 35742
 Ion Ratio Lower Upper
 74 100
 45 94.1 41.3 124.1

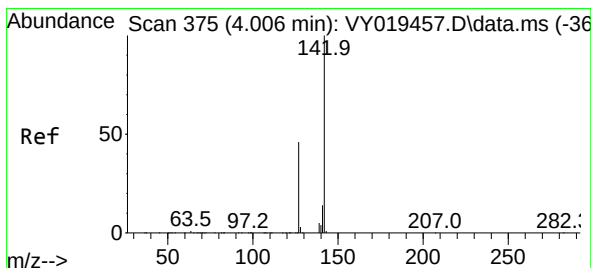
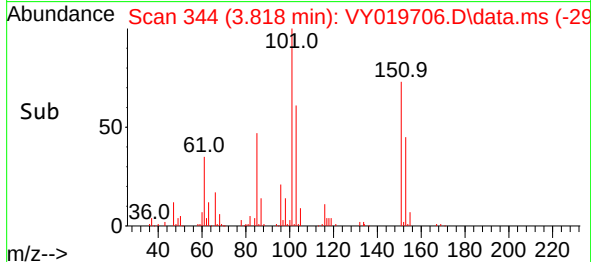
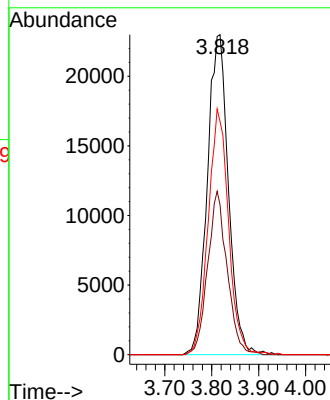
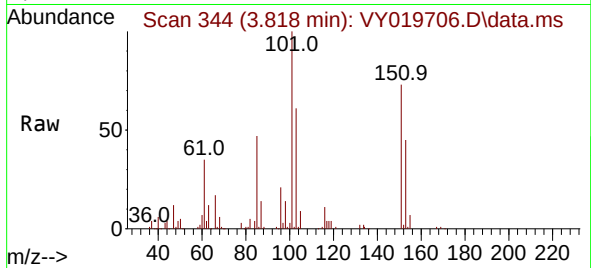




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.328 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

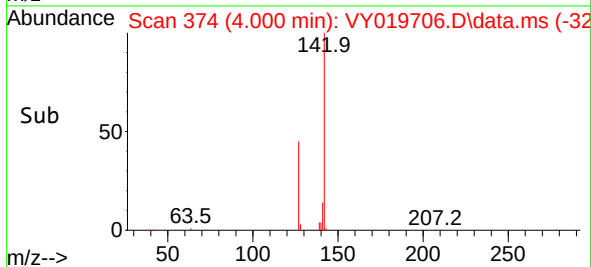
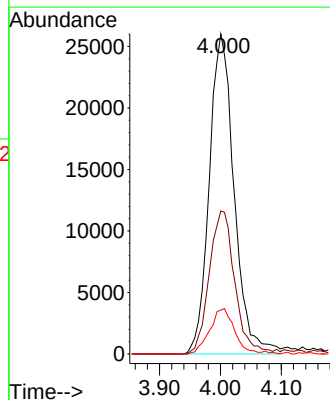
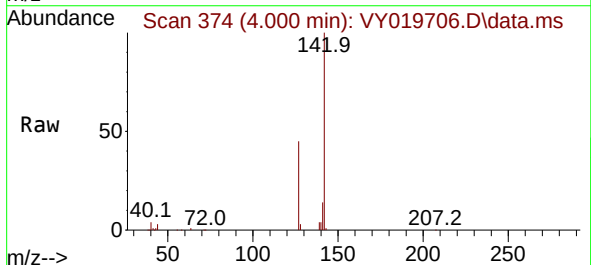
Instrument :
MSVOA_Y
ClientSampleId :

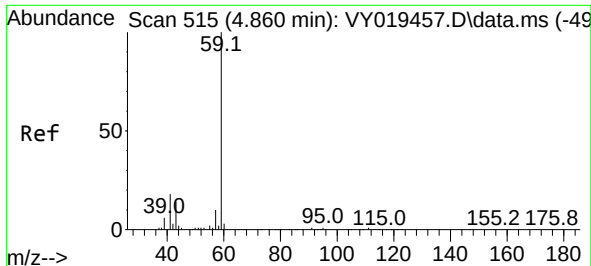
Tgt Ion:101 Resp: 71627
Ion Ratio Lower Upper
101 100
85 47.2 34.5 51.7
151 73.9 61.7 92.5



#10
Methyl Iodide
Concen: 17.161 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion:142 Resp: 73890
Ion Ratio Lower Upper
142 100
127 45.7 32.8 49.2
141 14.0 11.4 17.2

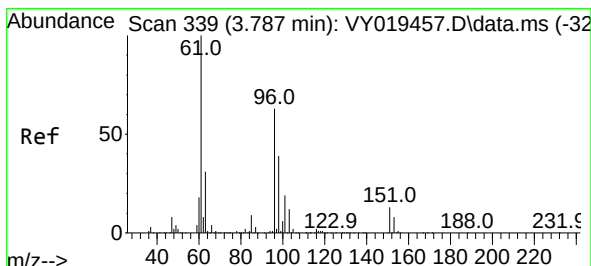
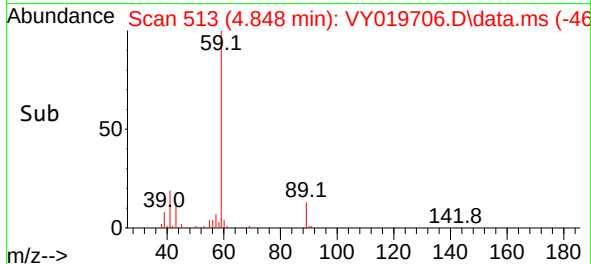
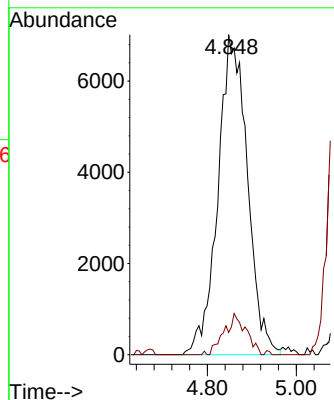
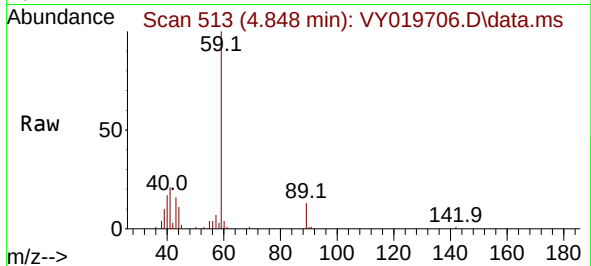




#11
Tert butyl alcohol
Concen: 118.451 ug/l
RT: 4.848 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

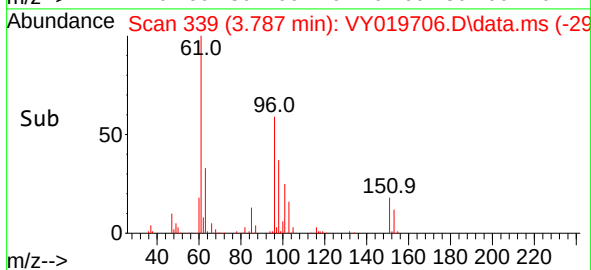
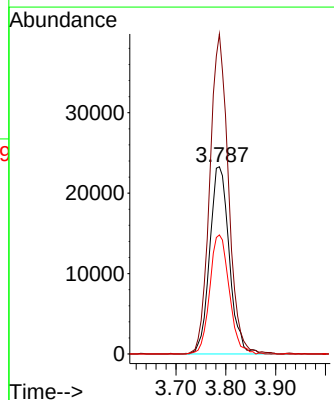
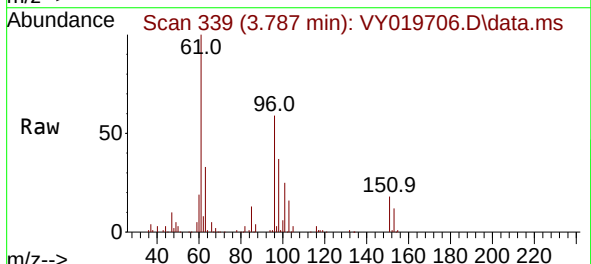
Instrument :
MSVOA_Y
ClientSampleId :

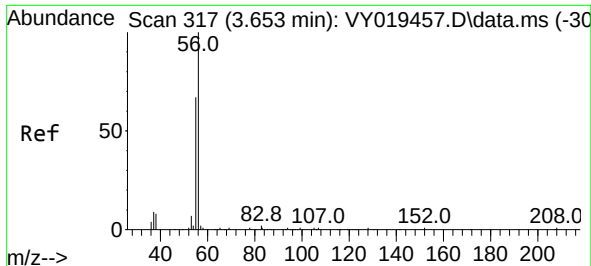
Tgt Ion: 59 Resp: 32245
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.656 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

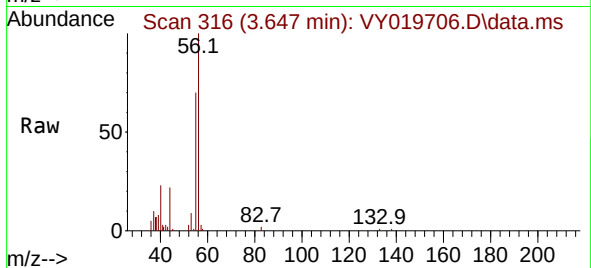
Tgt Ion: 96 Resp: 63484
Ion Ratio Lower Upper
96 100
61 170.9 114.6 171.8
98 63.5 50.8 76.2



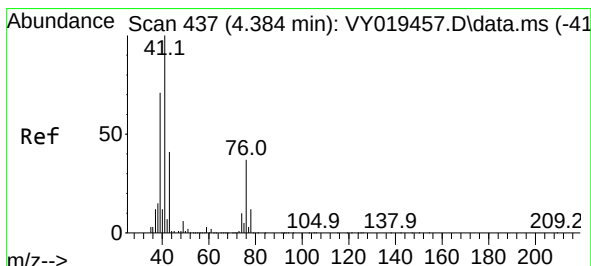
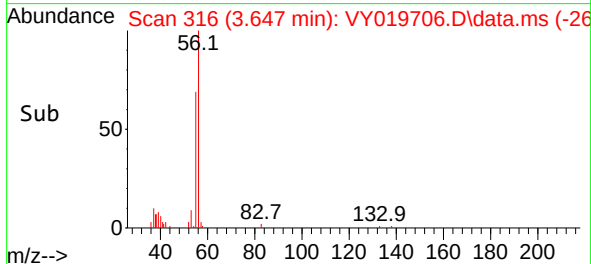
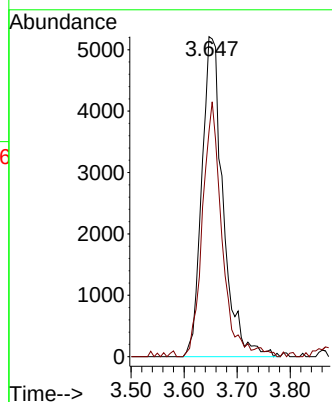


#13
Acrolein
Concen: 102.437 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :

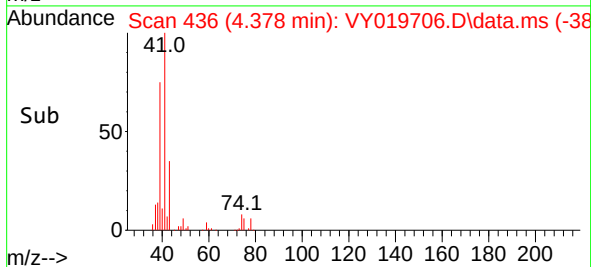
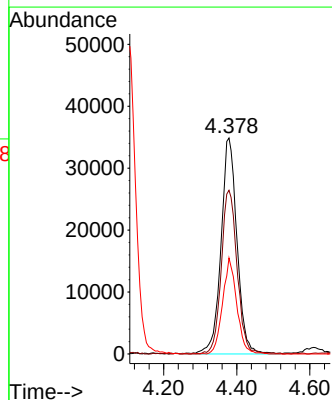
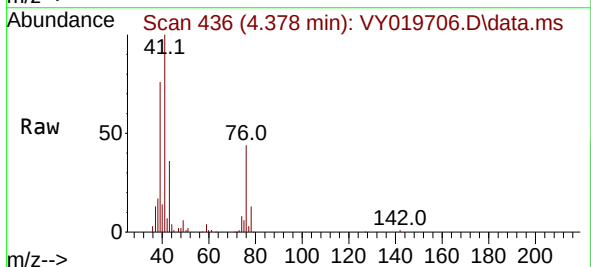


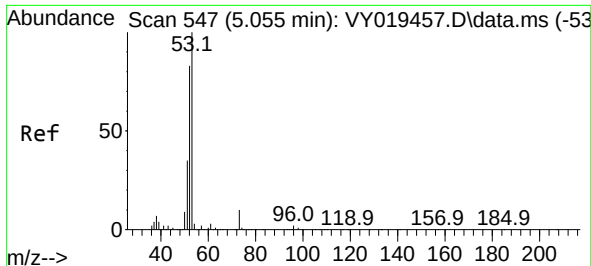
Tgt Ion: 56 Resp: 14533
Ion Ratio Lower Upper
56 100
55 71.9 55.7 83.5



#14
Allyl chloride
Concen: 18.396 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion: 41 Resp: 106546
Ion Ratio Lower Upper
41 100
39 75.2 58.3 87.5
76 39.2 39.0 58.6





#15

Acrylonitrile

Concen: 105.841 ug/l

RT: 5.055 min Scan# 54

Delta R.T. 0.000 min

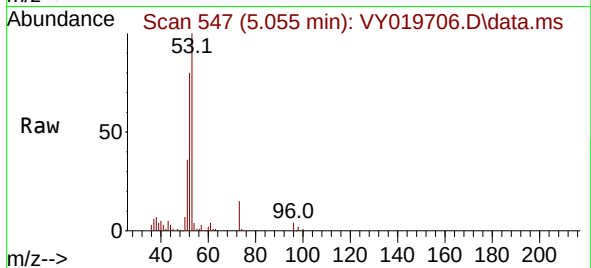
Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

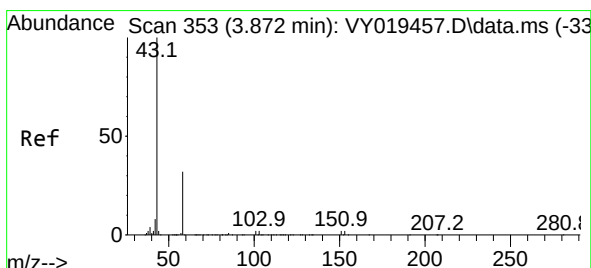
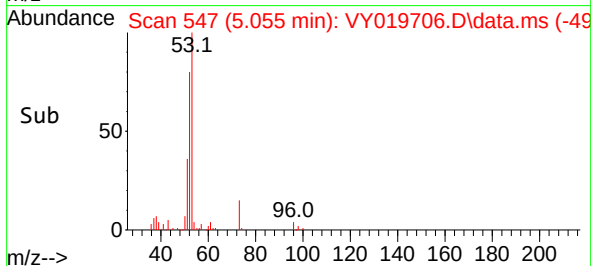
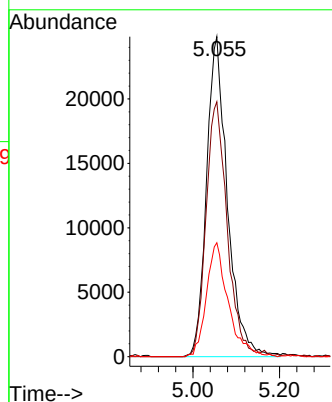
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 53	Resp: 83165
Ion Ratio	Lower Upper
53	100
52	80.5 64.7 97.1
51	37.2 28.4 42.6



#16

Acetone

Concen: 106.329 ug/l

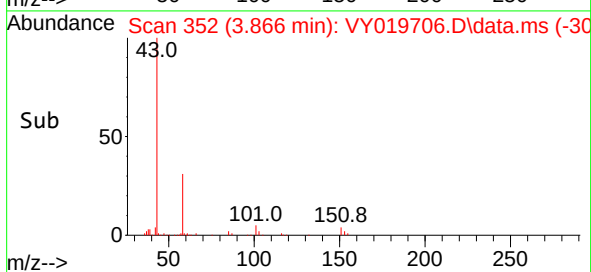
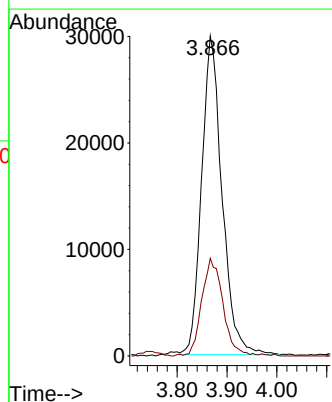
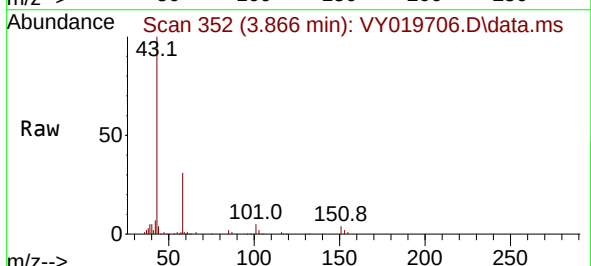
RT: 3.866 min Scan# 352

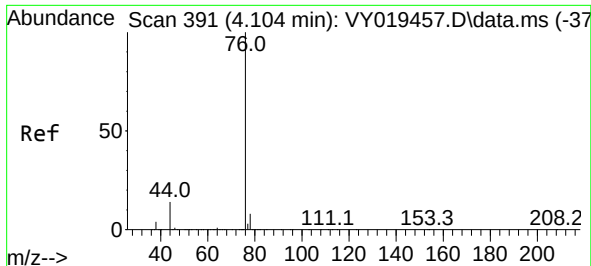
Delta R.T. -0.006 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Tgt Ion: 43	Resp: 85388
Ion Ratio	Lower Upper
43	100
58	30.6 31.7 47.5#

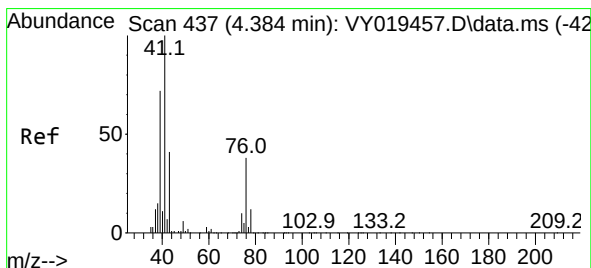
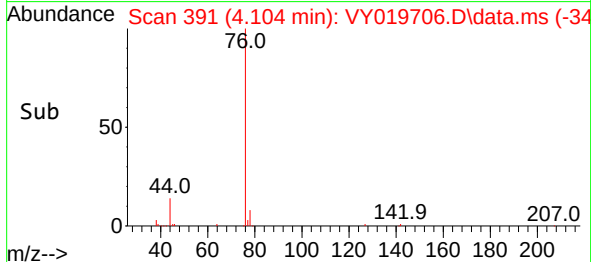
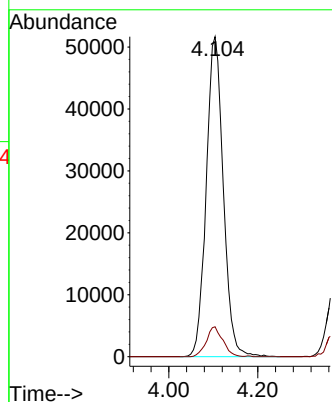
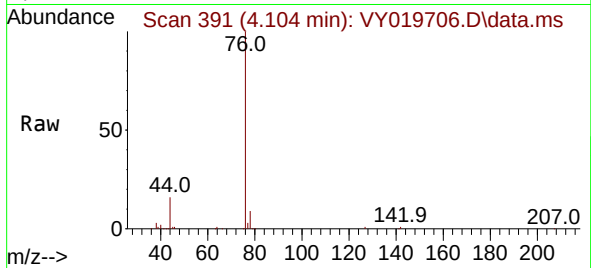




#17
Carbon Disulfide
Concen: 15.831 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

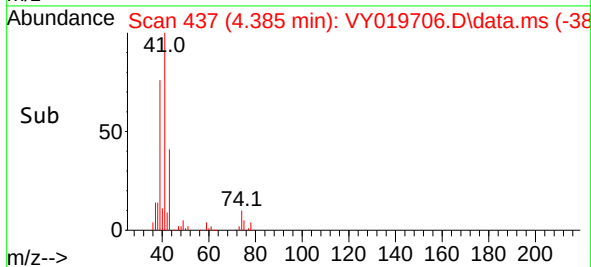
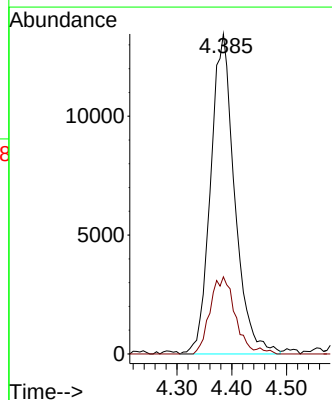
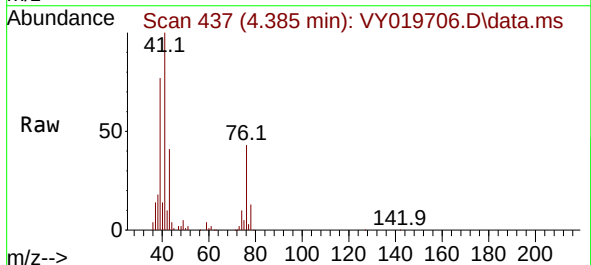
Instrument :
MSVOA_Y
ClientSampleId :

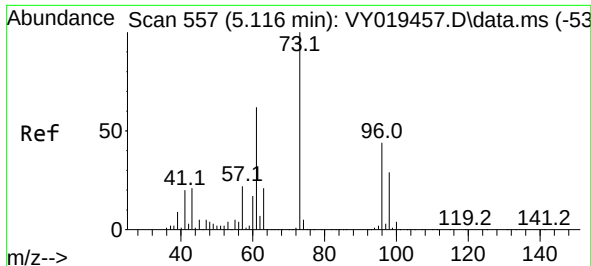
Tgt Ion: 76 Resp: 138142
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 18.800 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion: 43 Resp: 40971
Ion Ratio Lower Upper
43 100
74 24.8 23.3 34.9

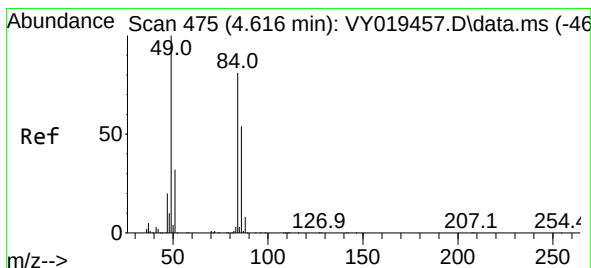
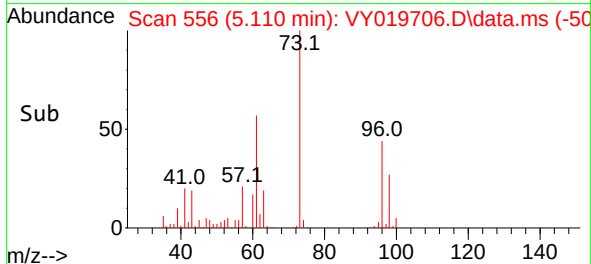
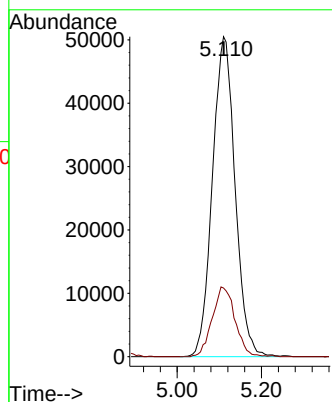
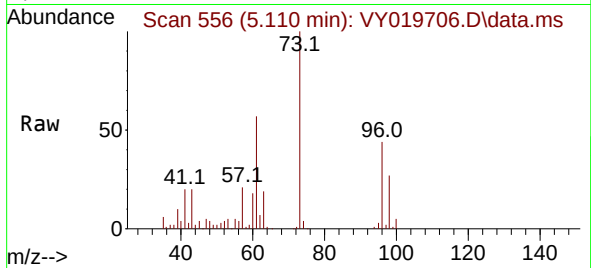




#19
Methyl tert-butyl Ether
Concen: 20.564 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

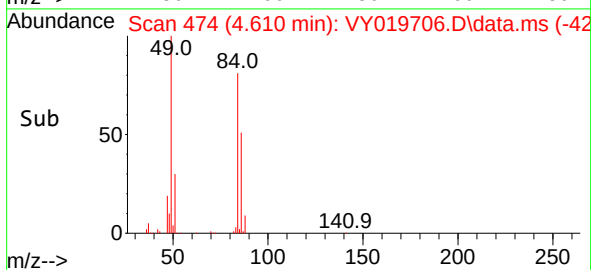
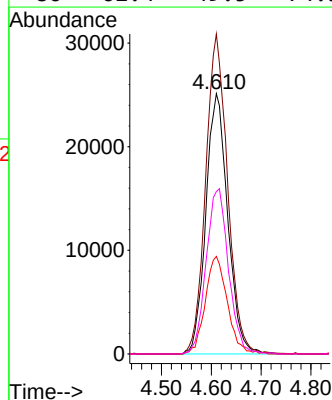
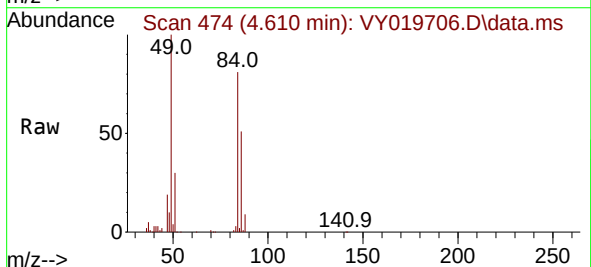
Instrument :
MSVOA_Y
ClientSampleId :

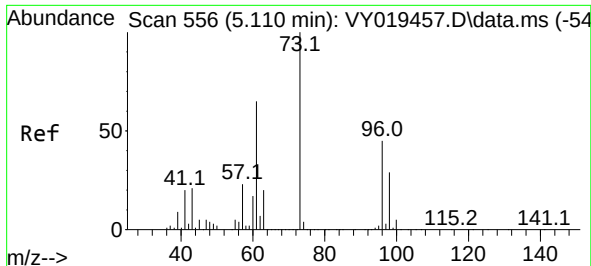
Tgt Ion: 73 Resp: 188103
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 20.964 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion: 84 Resp: 76776
Ion Ratio Lower Upper
84 100
49 122.9 84.4 126.6
51 37.5 26.0 39.0
86 62.4 49.5 74.3

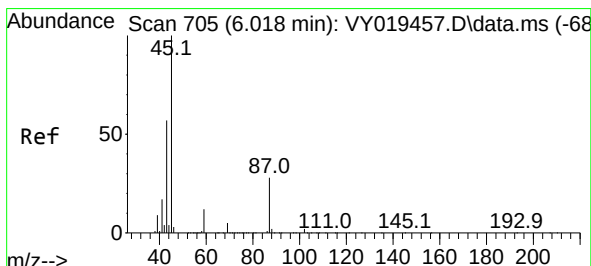
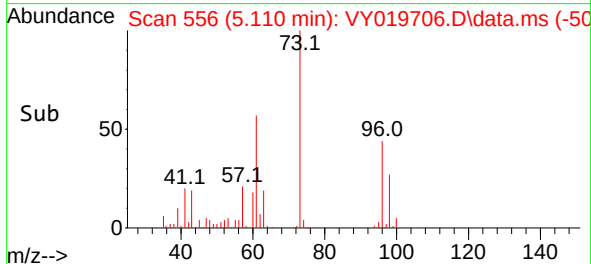
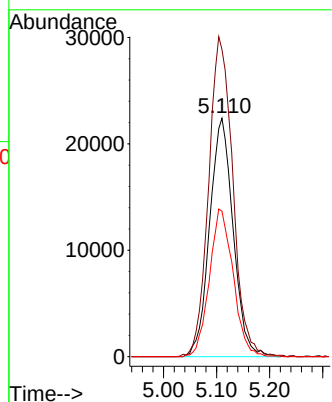
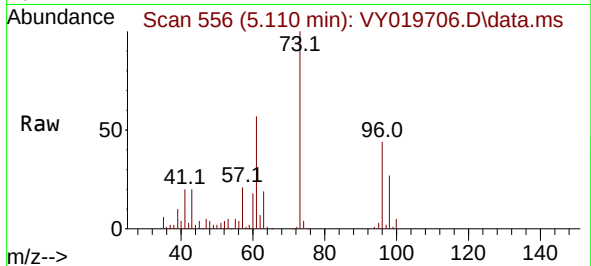




#21
trans-1,2-Dichloroethene
Concen: 19.525 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

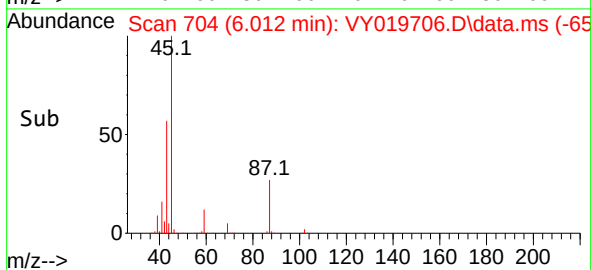
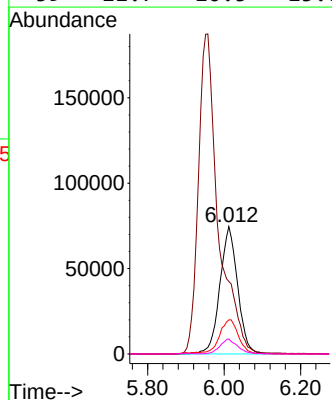
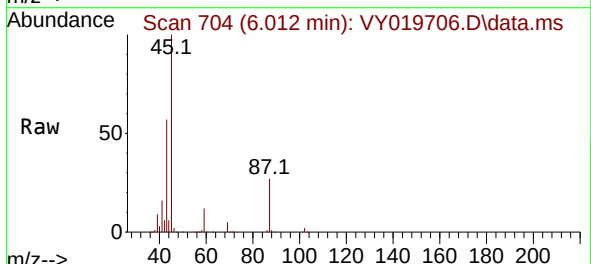
Instrument :
MSVOA_Y
ClientSampleId :

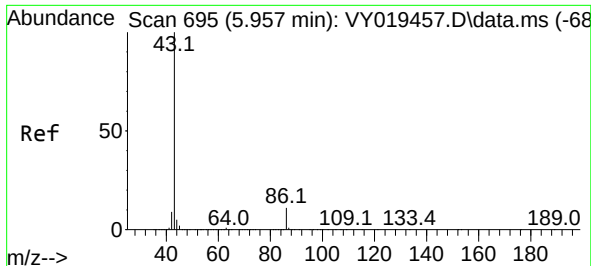
Tgt Ion: 96 Resp: 69120
Ion Ratio Lower Upper
96 100
61 128.6 97.5 146.3
98 61.0 50.5 75.7



#22
Diisopropyl ether
Concen: 20.261 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion: 45 Resp: 240983
Ion Ratio Lower Upper
45 100
43 56.7 42.2 63.2
87 26.7 25.0 37.6
59 11.7 10.5 15.7

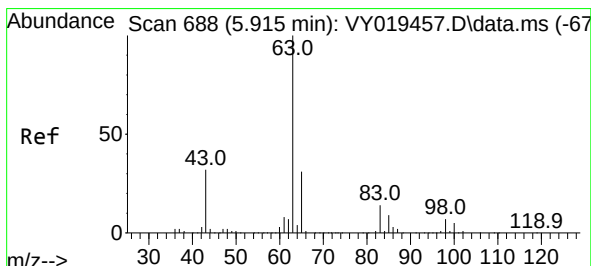
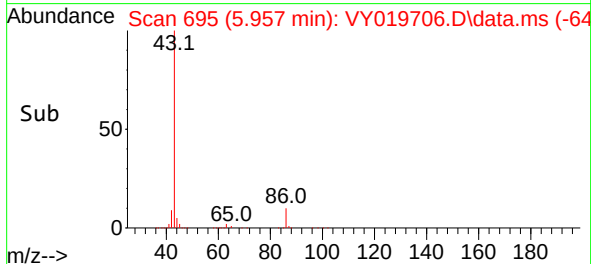
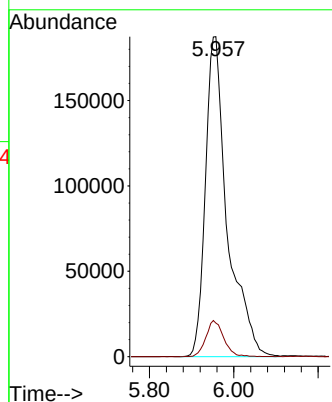
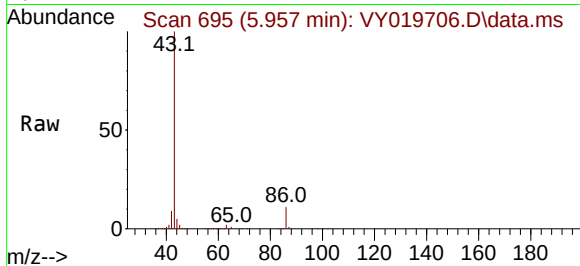




#23
 Vinyl Acetate
 Concen: 99.662 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019706.D
 Acq: 26 Sep 2024 12:15

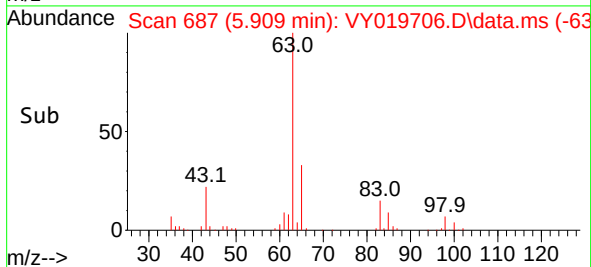
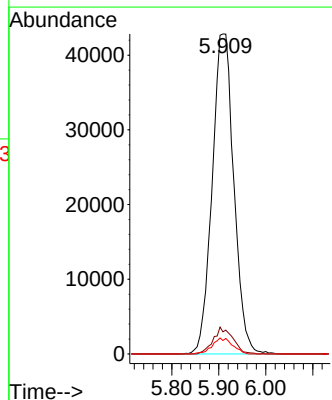
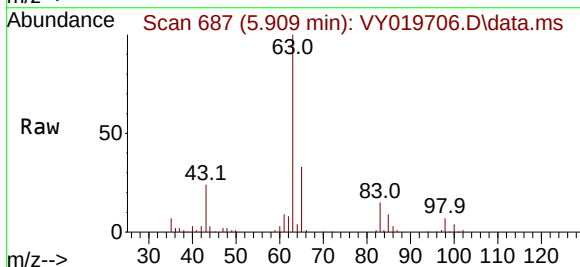
Instrument :
 MSVOA_Y
 ClientSampleId :

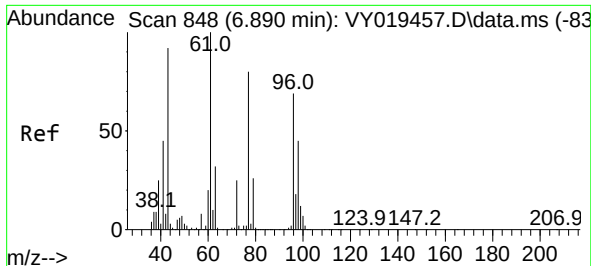
Tgt Ion: 43 Resp: 677067
 Ion Ratio Lower Upper
 43 100
 86 10.5 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 20.555 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019706.D
 Acq: 26 Sep 2024 12:15

Tgt Ion: 63 Resp: 137187
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 4.2 2.6 8.0

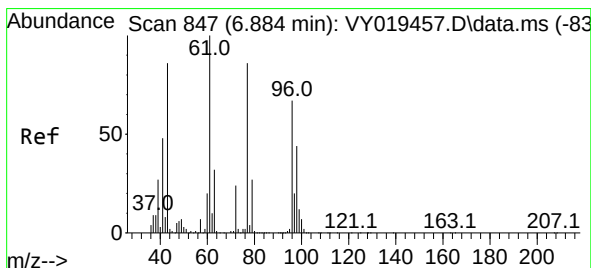
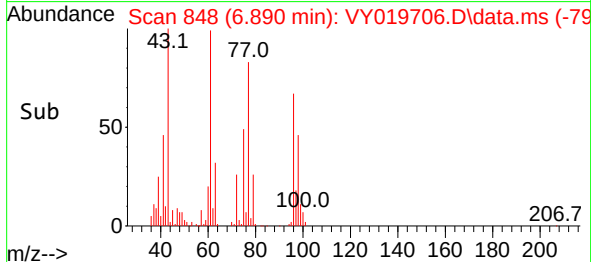
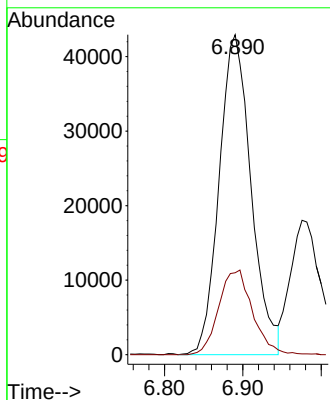
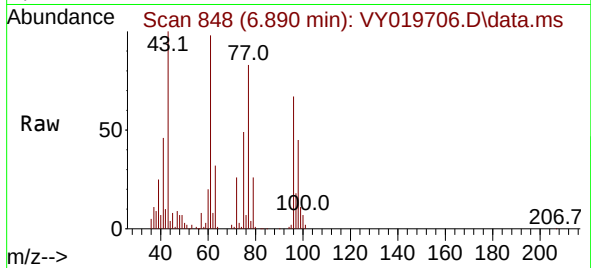




#25
2-Butanone
Concen: 106.553 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

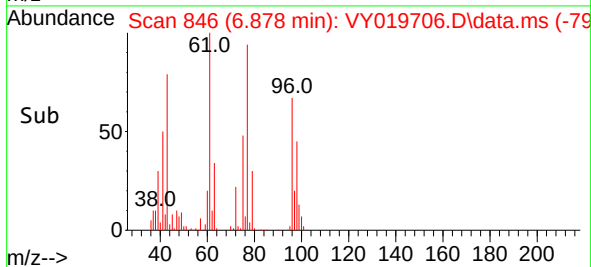
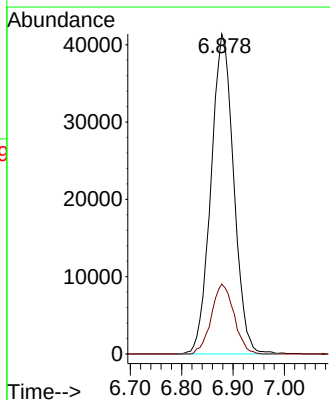
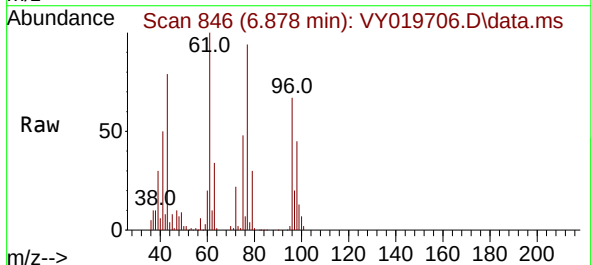
Instrument :
MSVOA_Y
ClientSampleId :

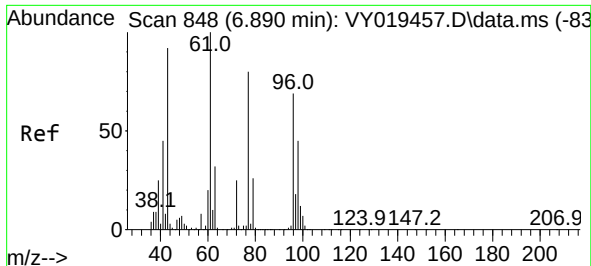
Tgt Ion: 43 Resp: 121699
Ion Ratio Lower Upper
43 100
72 25.6 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 21.159 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

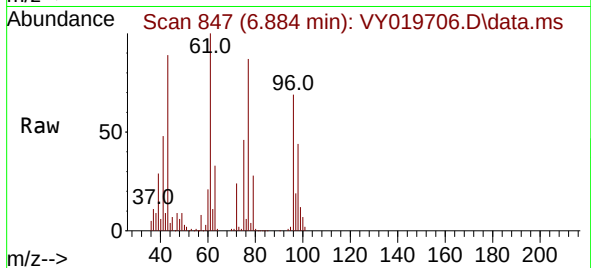
Tgt Ion: 77 Resp: 127380
Ion Ratio Lower Upper
77 100
97 21.8 12.0 36.1





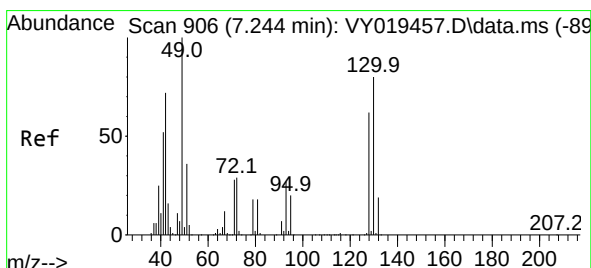
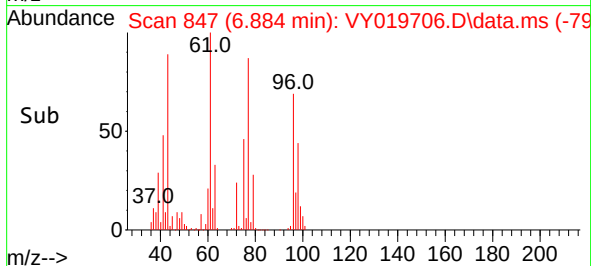
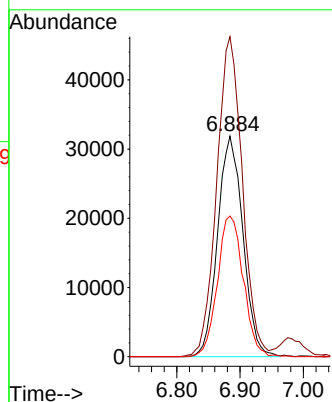
#27
 cis-1,2-Dichloroethene
 Concen: 20.589 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY019706.D
 Acq: 26 Sep 2024 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 88538

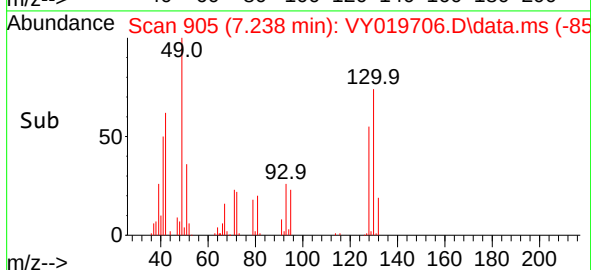
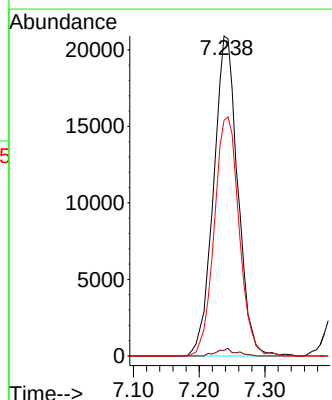
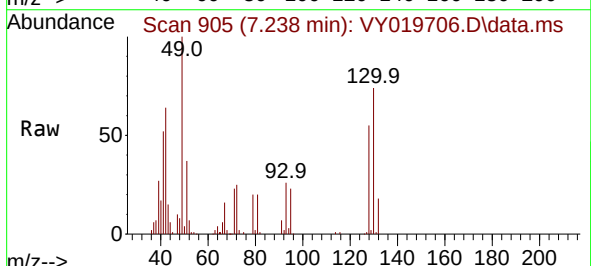
Ion	Ratio	Lower	Upper
96	100		
61	146.7	0.0	256.2
98	65.2	0.0	130.0

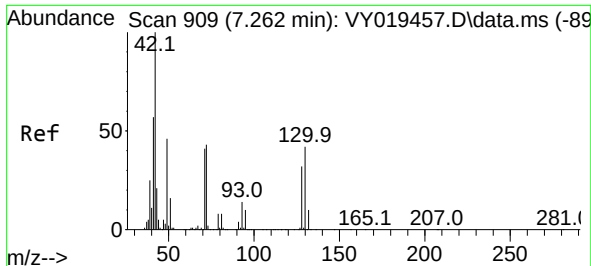


#28
 Bromochloromethane
 Concen: 19.041 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY019706.D
 Acq: 26 Sep 2024 12:15

Tgt Ion: 49 Resp: 53470

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	76.7	72.7	109.1





#29

Tetrahydrofuran

Concen: 103.015 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

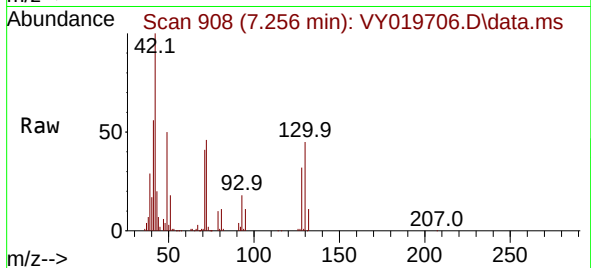
Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

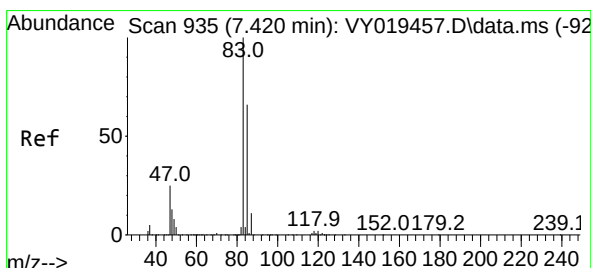
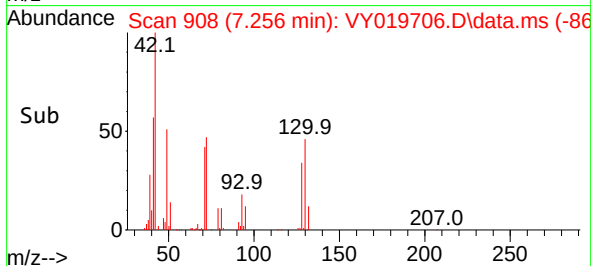
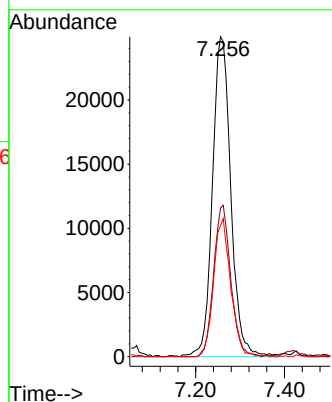
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	71538
Ion	Ratio	Lower	Upper
42	100		
72	43.9	43.0	64.4
71	40.3	40.8	61.2#



#30

Chloroform

Concen: 21.659 ug/l

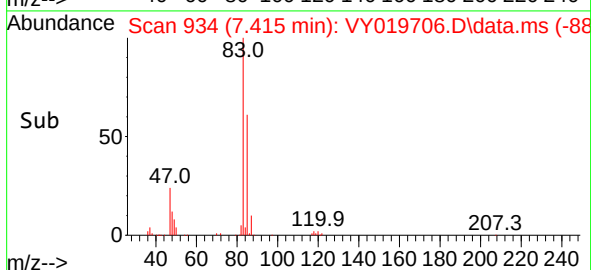
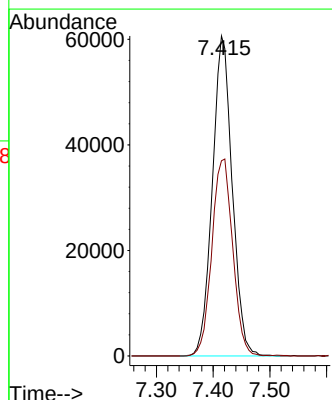
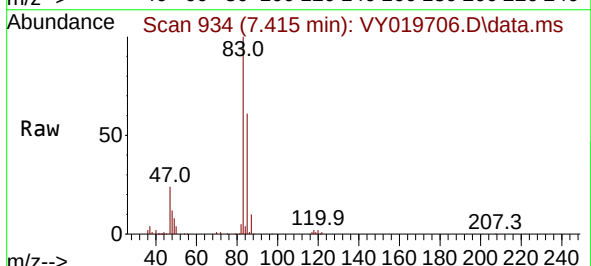
RT: 7.415 min Scan# 934

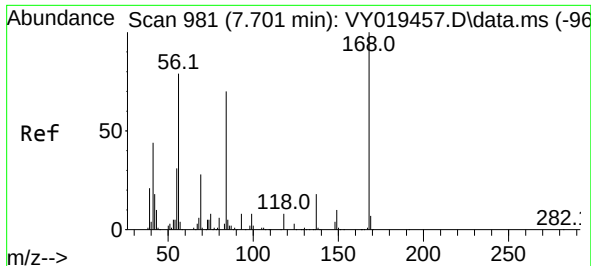
Delta R.T. -0.006 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Tgt Ion:	83	Resp:	147567
Ion	Ratio	Lower	Upper
83	100		
85	61.0	52.2	78.4

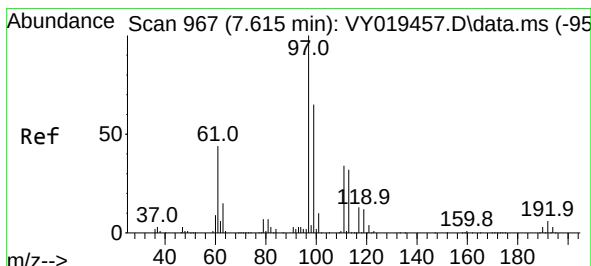
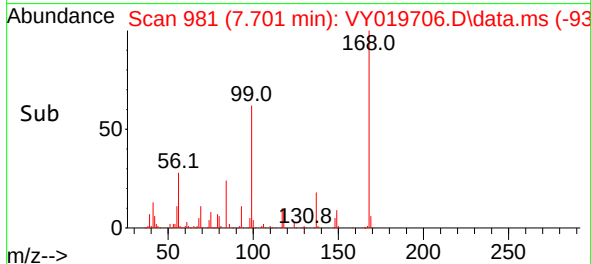
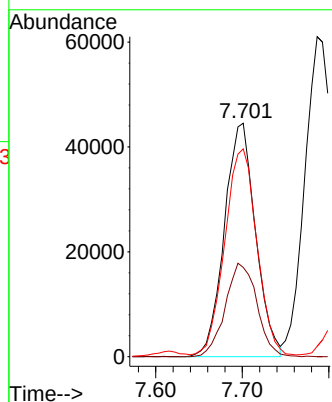
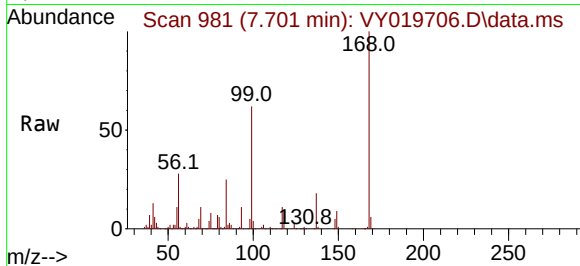




#31
Cyclohexane
Concen: 18.434 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

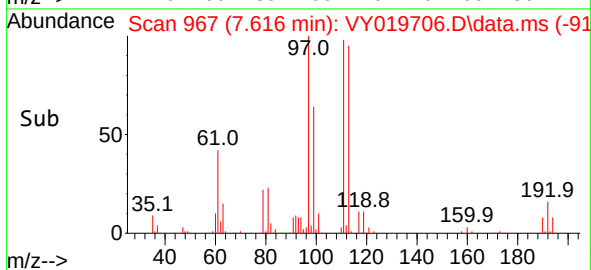
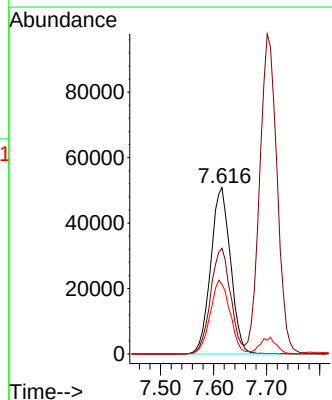
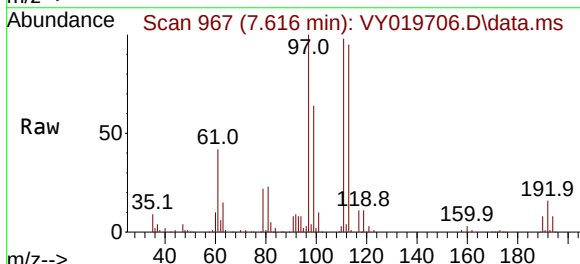
Instrument :
MSVOA_Y
ClientSampleId :

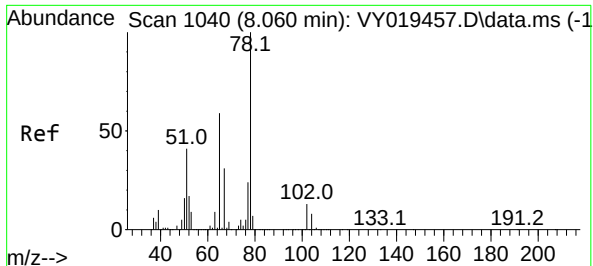
Tgt Ion: 56 Resp: 111206
Ion Ratio Lower Upper
56 100
69 38.3 28.7 43.1
84 87.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.618 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion: 97 Resp: 132021
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 44.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.807 ug/l

RT: 8.055 min Scan# 11039

Delta R.T. -0.006 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

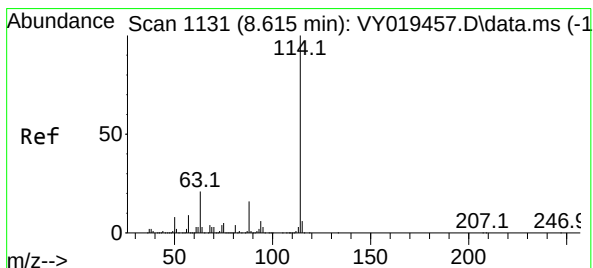
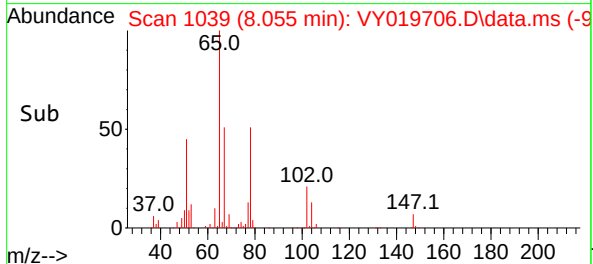
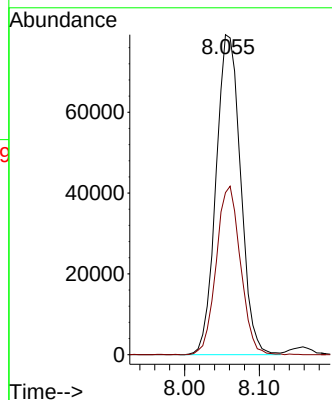
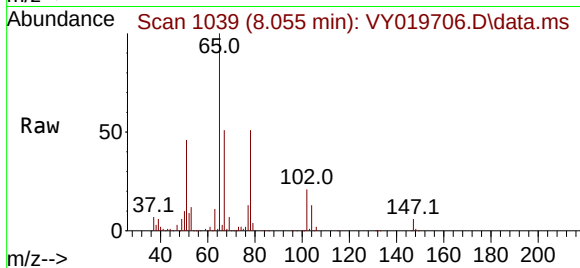
ClientSampleId :

Tgt Ion: 65 Resp: 181374

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

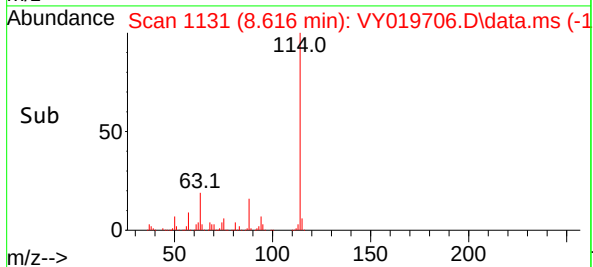
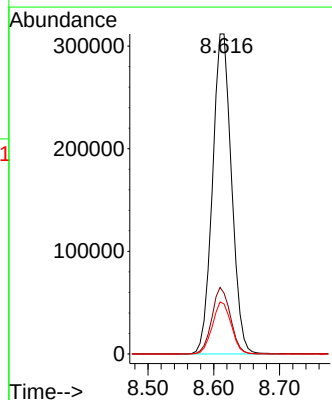
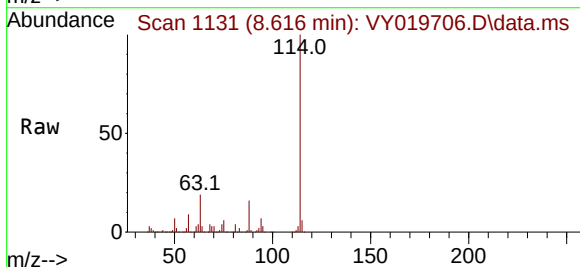
Tgt Ion: 114 Resp: 628091

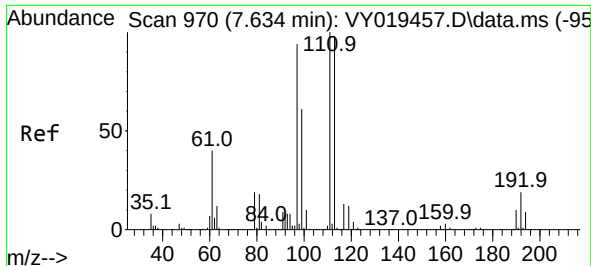
Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.0

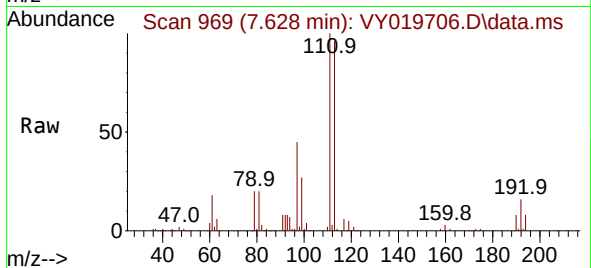
88 15.7 0.0 27.2



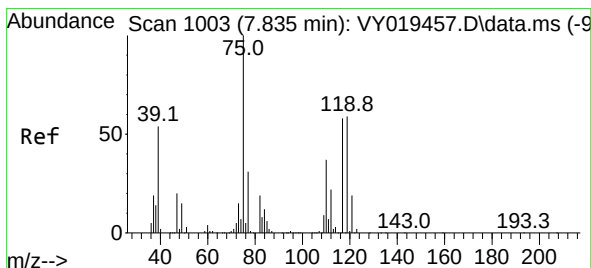
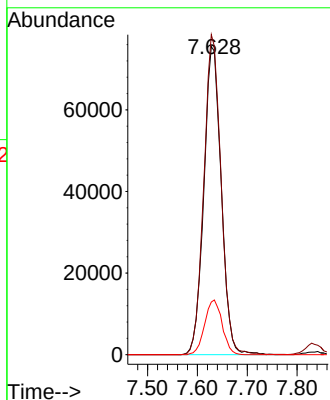
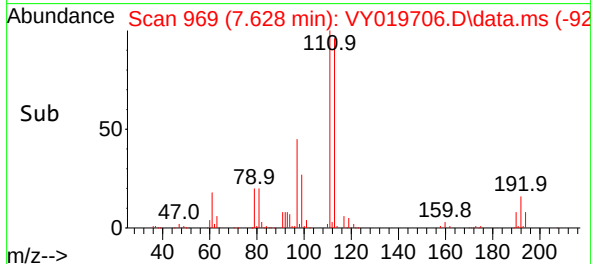


#35
 Dibromofluoromethane
 Concen: 51.419 ug/l
 RT: 7.628 min Scan# 910
 Delta R.T. -0.006 min
 Lab File: VY019706.D
 Acq: 26 Sep 2024 12:15

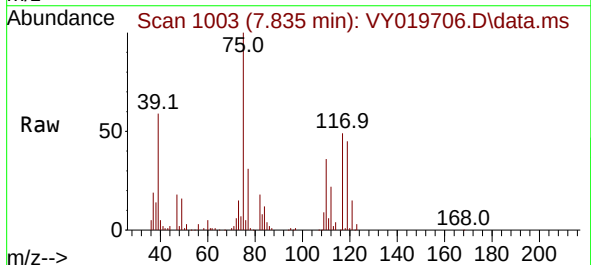
Instrument :
 MSVOA_Y
 ClientSampleId :



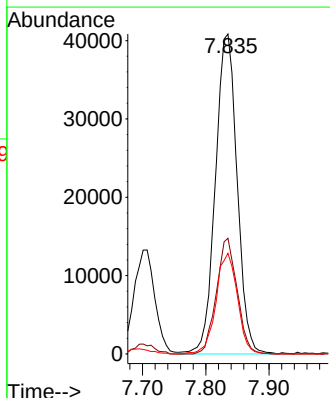
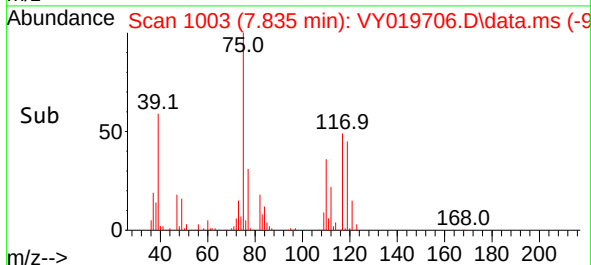
Tgt Ion:113 Resp: 183110
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.2 123.4
 192 17.8 15.9 23.9

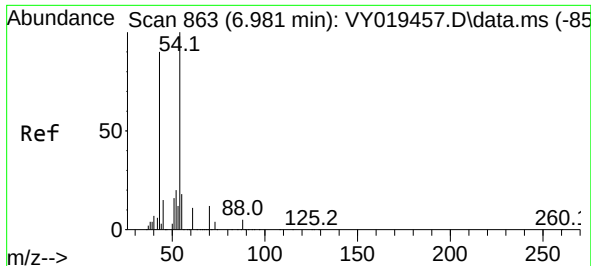


#36
 1,1-Dichloropropene
 Concen: 20.079 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY019706.D
 Acq: 26 Sep 2024 12:15



Tgt Ion: 75 Resp: 97298
 Ion Ratio Lower Upper
 75 100
 110 34.4 19.0 57.0
 77 31.1 25.3 37.9

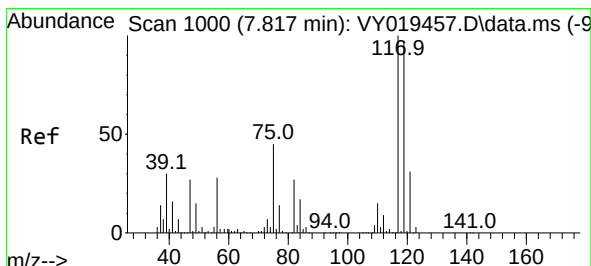
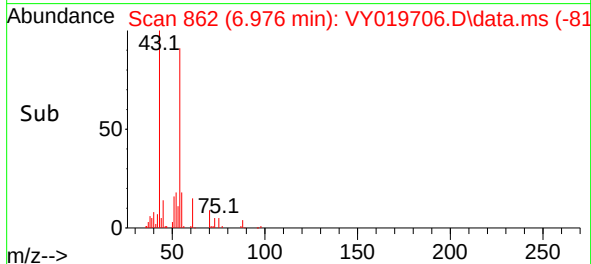
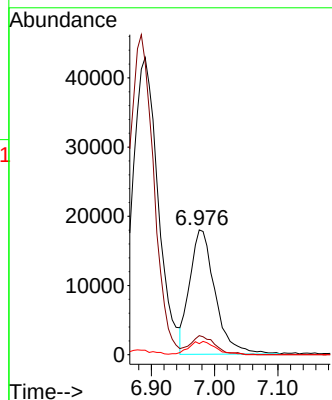
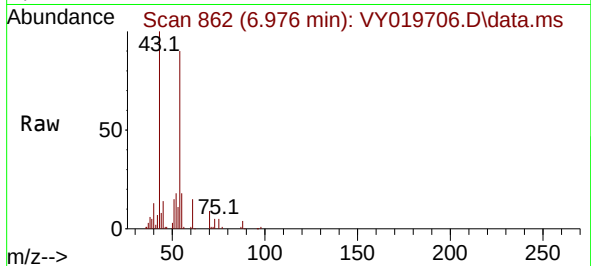




#37
Ethyl Acetate
Concen: 20.144 ug/l
RT: 6.976 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

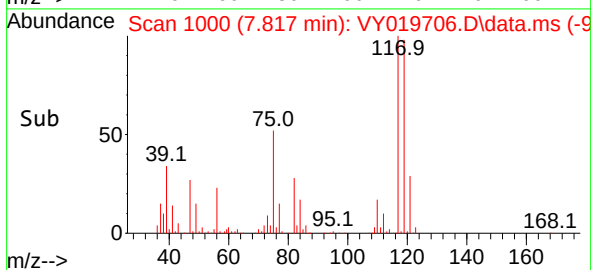
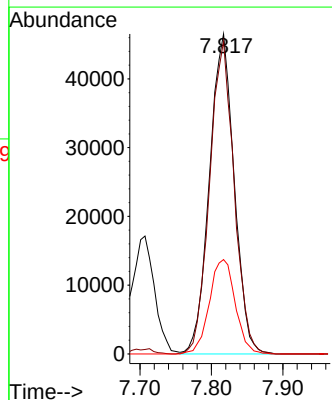
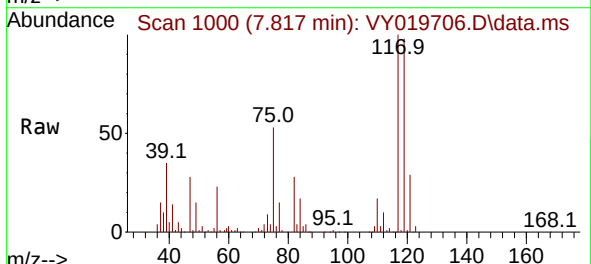
Instrument :
MSVOA_Y
ClientSampleId :

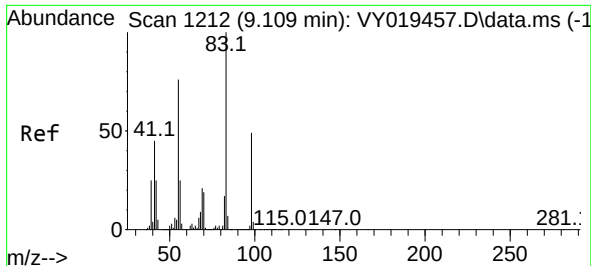
Tgt Ion: 43 Resp: 50014
Ion Ratio Lower Upper
43 100
61 14.3 12.6 19.0
70 11.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.489 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion: 117 Resp: 111962
Ion Ratio Lower Upper
117 100
119 97.7 75.8 113.6
121 29.5 24.0 36.0





#39

Methylcyclohexane

Concen: 18.427 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

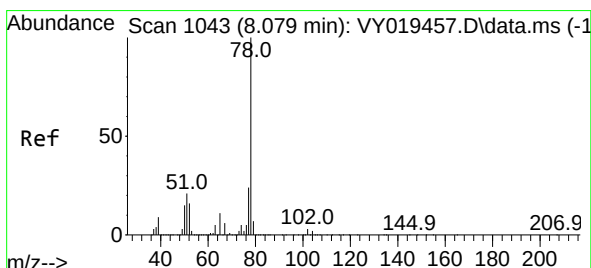
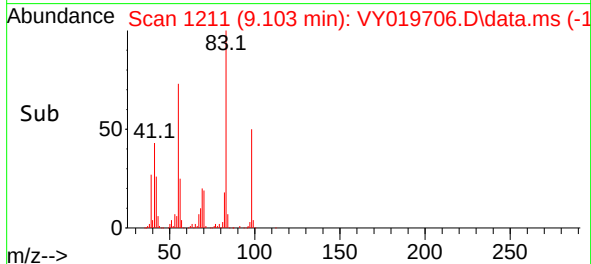
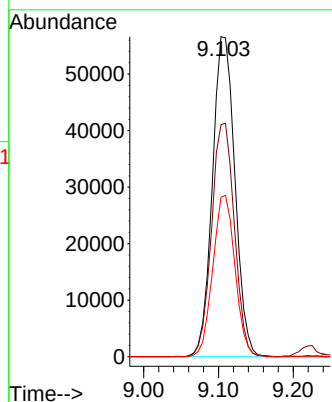
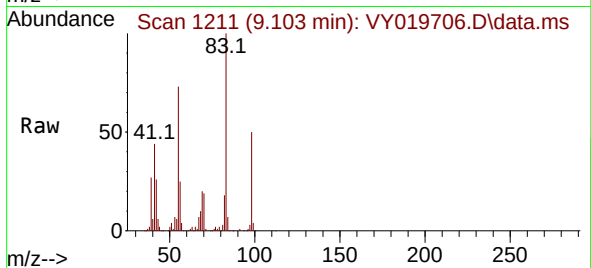
Tgt Ion: 83 Resp: 118830

Ion Ratio Lower Upper

83 100

55 72.5 51.5 77.3

98 49.8 40.5 60.7



#40

Benzene

Concen: 19.825 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019706.D

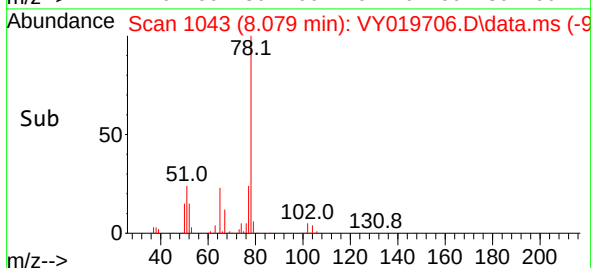
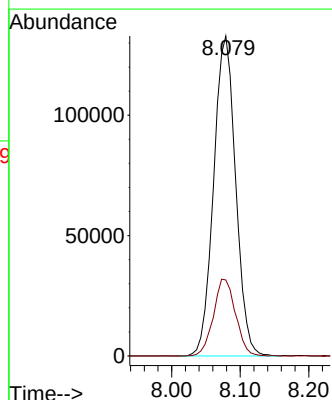
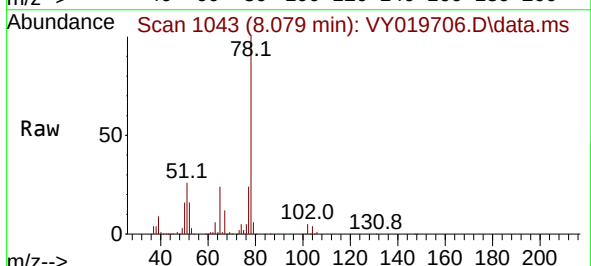
Acq: 26 Sep 2024 12:15

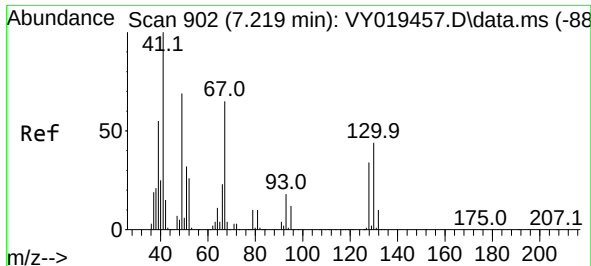
Tgt Ion: 78 Resp: 295896

Ion Ratio Lower Upper

78 100

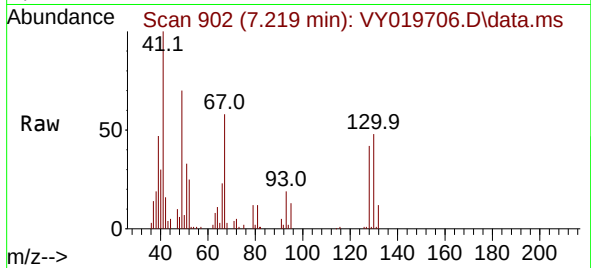
77 23.8 19.5 29.3



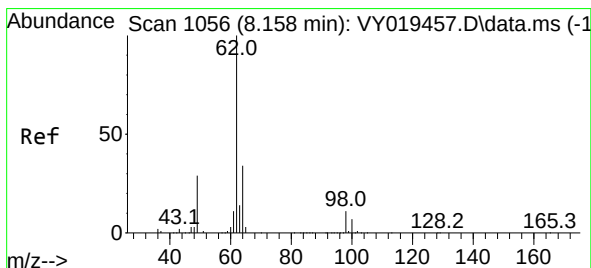
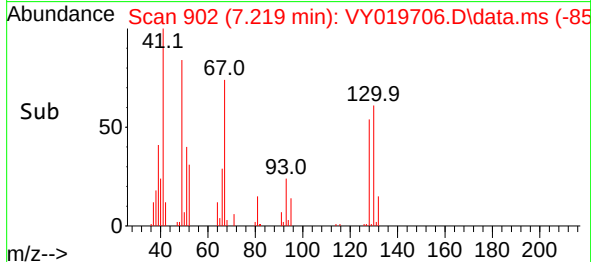
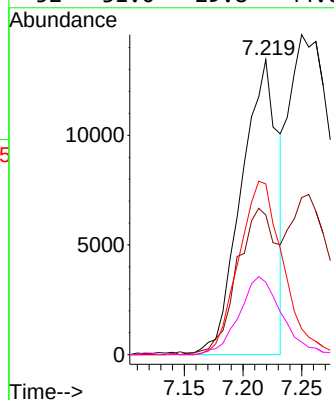


#41
Methacrylonitrile
Concen: 20.100 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :

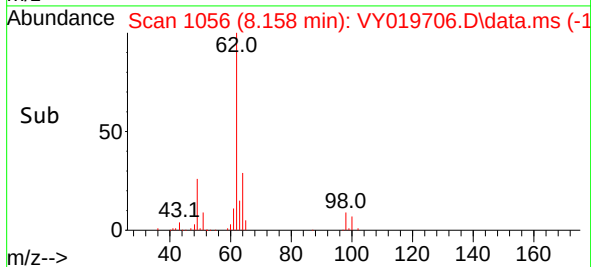
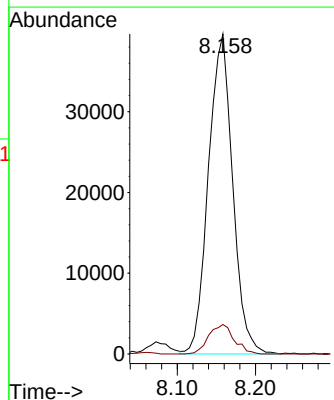
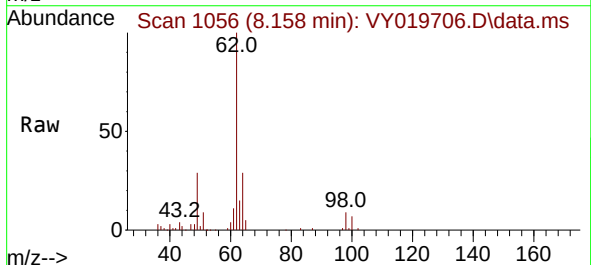


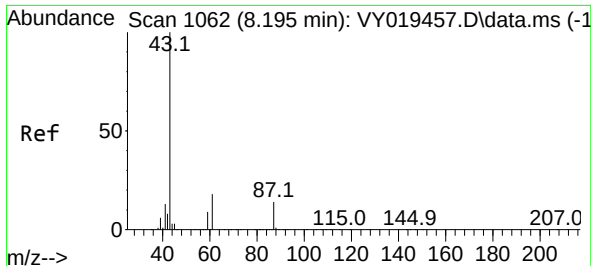
Tgt Ion:	41	Resp:	29091
Ion Ratio	Lower	Upper	
41	100		
39	54.5	48.0	72.0
67	71.7	75.1	112.7#
52	31.0	29.8	44.6



#42
1,2-Dichloroethane
Concen: 21.213 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion:	62	Resp:	85196
Ion Ratio	Lower	Upper	
62	100		
98	9.7	0.0	22.0

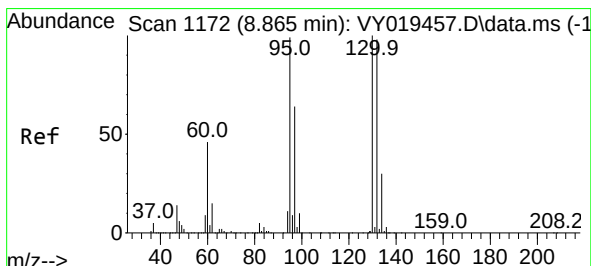
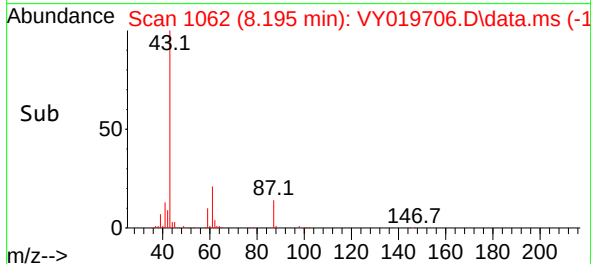
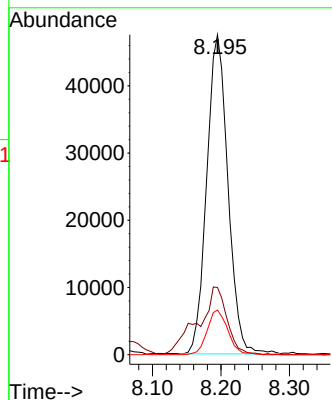
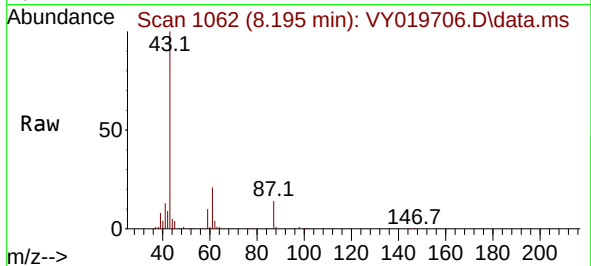




#43
Isopropyl Acetate
Concen: 19.603 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

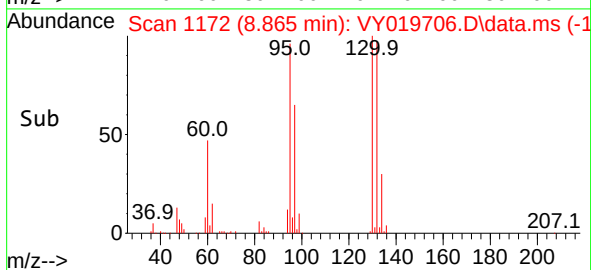
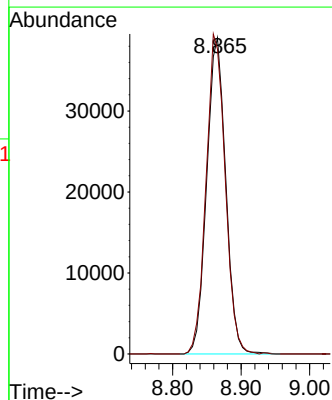
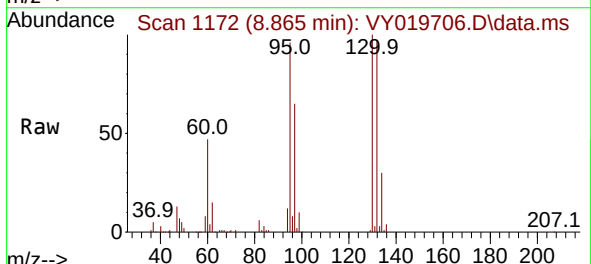
Instrument :
MSVOA_Y
ClientSampleId :

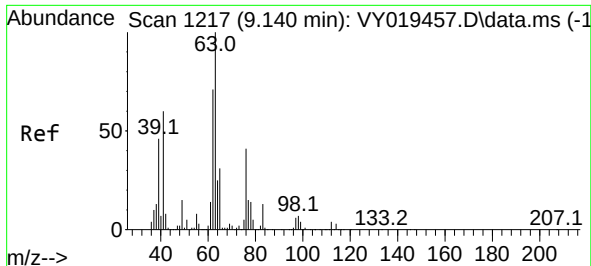
Tgt Ion: 43 Resp: 102251
Ion Ratio Lower Upper
43 100
61 29.1 27.9 41.9
87 13.6 13.1 19.7



#44
Trichloroethene
Concen: 19.647 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion:130 Resp: 75413
Ion Ratio Lower Upper
130 100
95 96.4 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.427 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

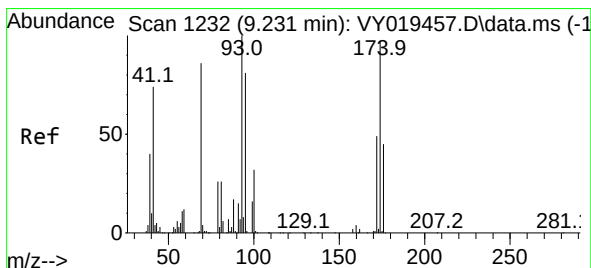
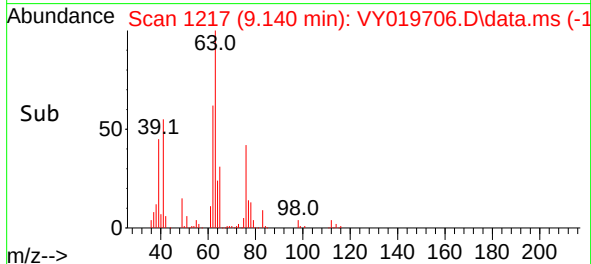
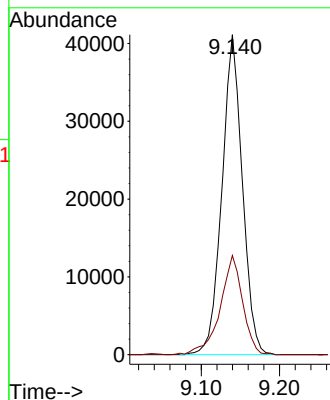
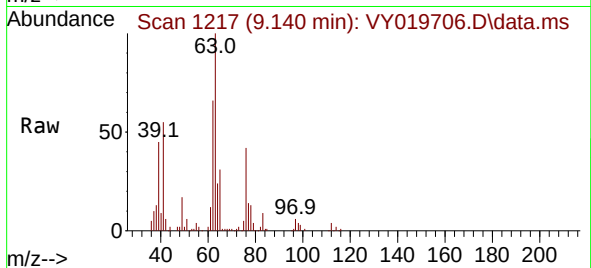
ClientSampleId :

Tgt Ion: 63 Resp: 74532

Ion Ratio Lower Upper

63 100

65 31.0 25.4 38.2



#46

Dibromomethane

Concen: 20.571 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

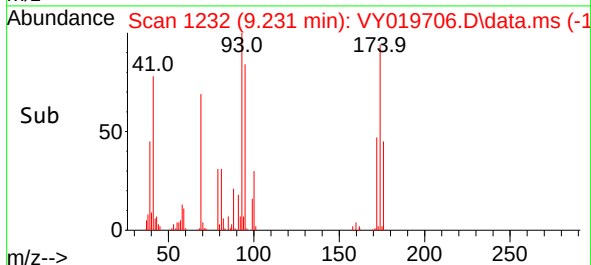
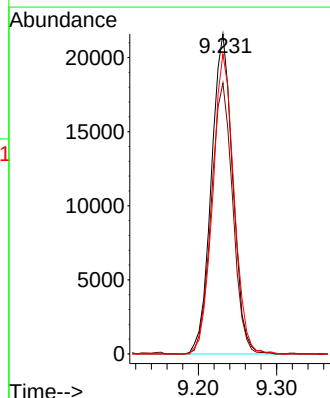
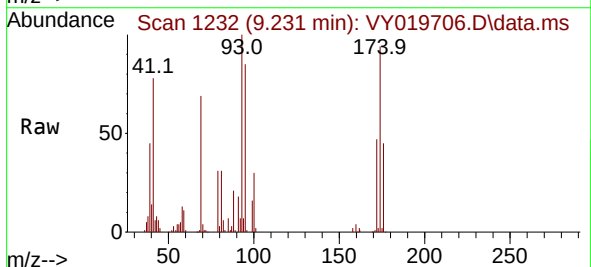
Tgt Ion: 93 Resp: 41046

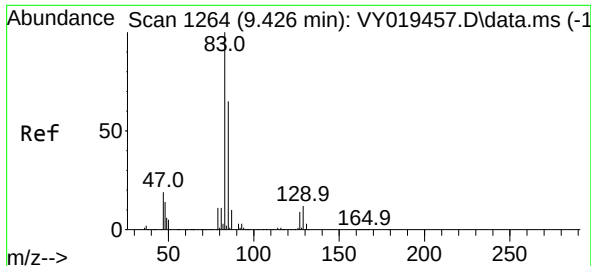
Ion Ratio Lower Upper

93 100

95 84.6 66.2 99.4

174 93.1 80.9 121.3





#47

Bromodichloromethane

Concen: 20.765 ug/l

RT: 9.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

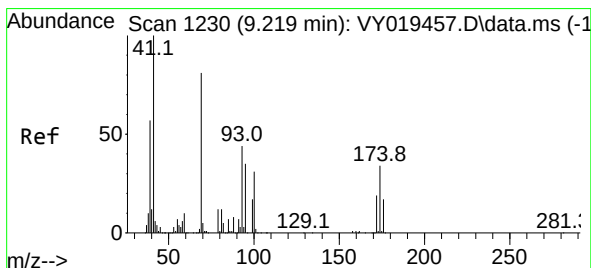
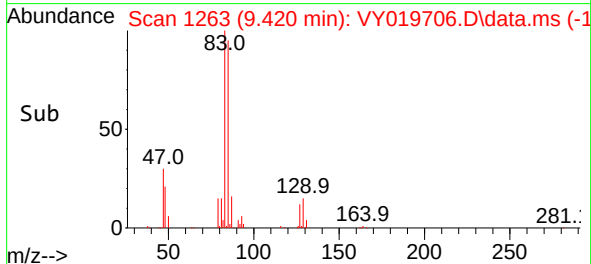
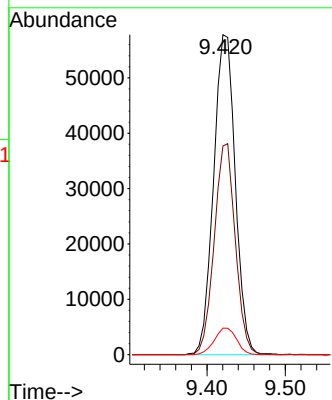
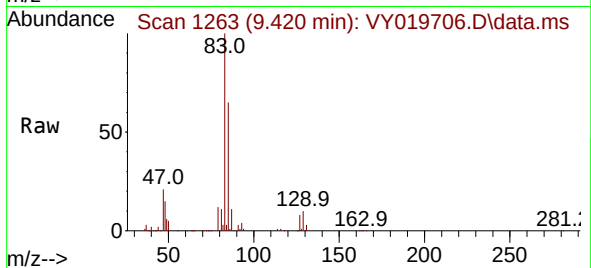
Tgt Ion: 83 Resp: 111376

Ion Ratio Lower Upper

83 100

85 65.2 50.1 75.1

127 8.3 7.4 11.0



#48

Methyl methacrylate

Concen: 18.600 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

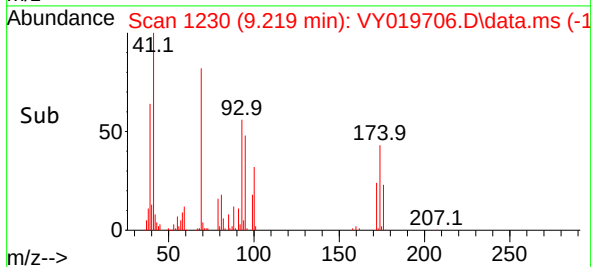
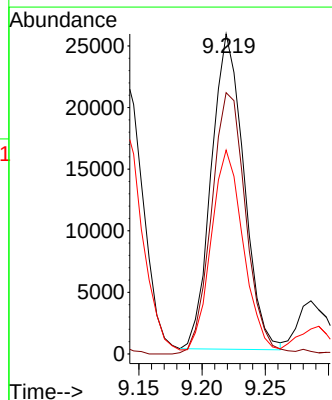
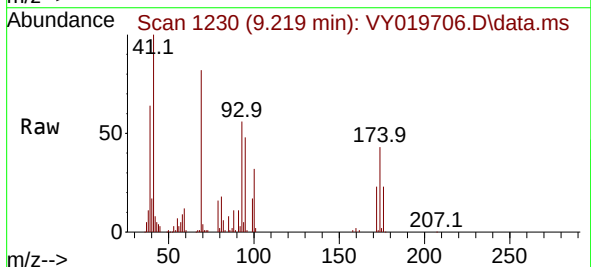
Tgt Ion: 41 Resp: 45817

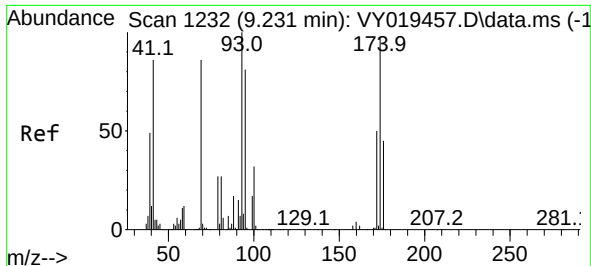
Ion Ratio Lower Upper

41 100

69 87.2 84.1 126.1

39 62.0 43.6 65.4





#49

1,4-Dioxane

Concen: 425.209 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

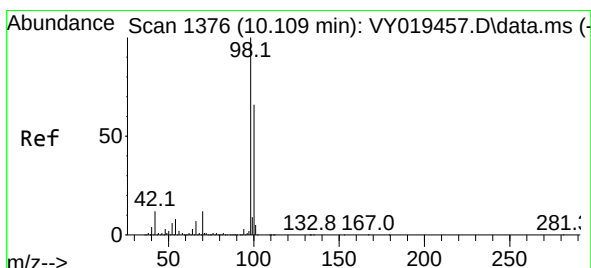
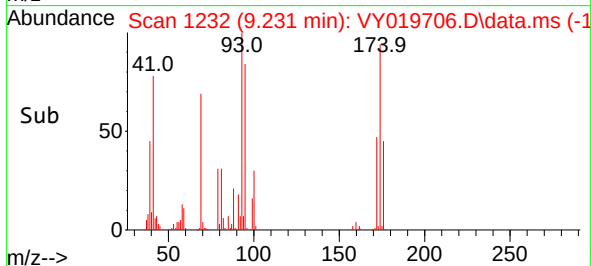
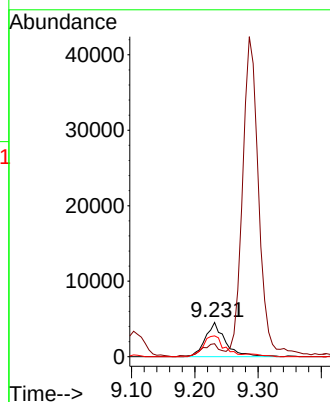
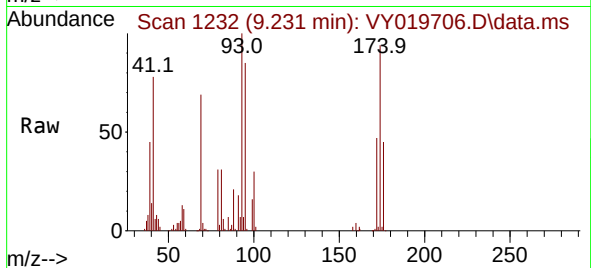
Tgt Ion: 88 Resp: 9988

Ion Ratio Lower Upper

88 100

43 36.0 0.0 0.0#

58 63.9 49.3 73.9



#50

Toluene-d8

Concen: 49.864 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019706.D

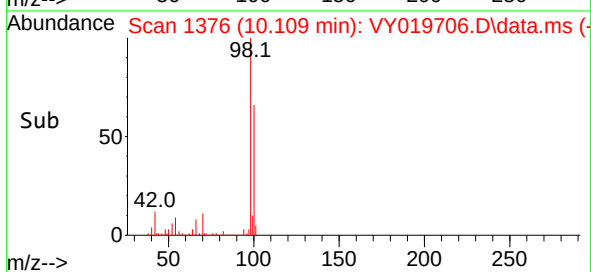
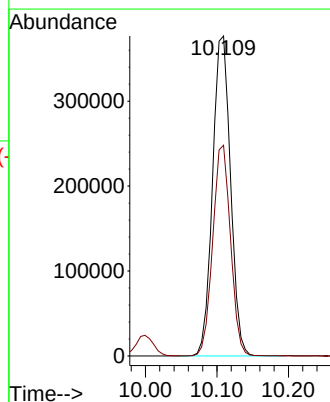
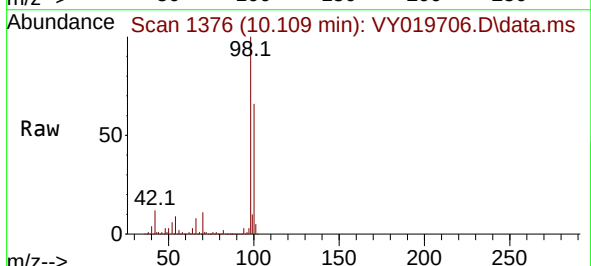
Acq: 26 Sep 2024 12:15

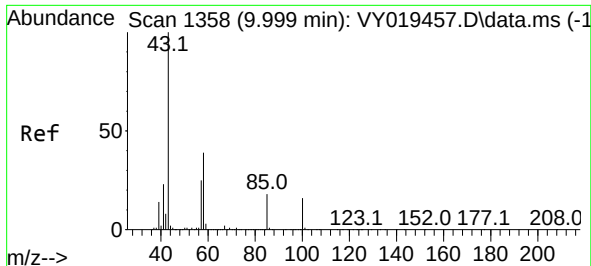
Tgt Ion: 98 Resp: 656809

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 99.714 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

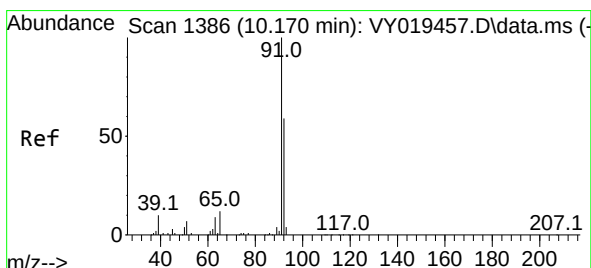
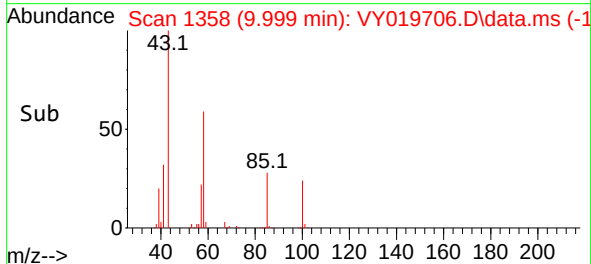
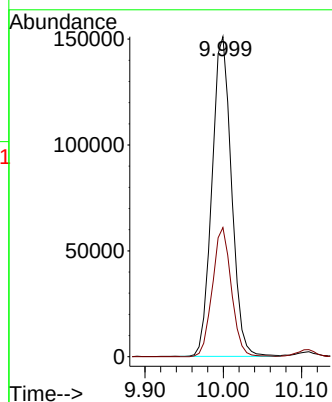
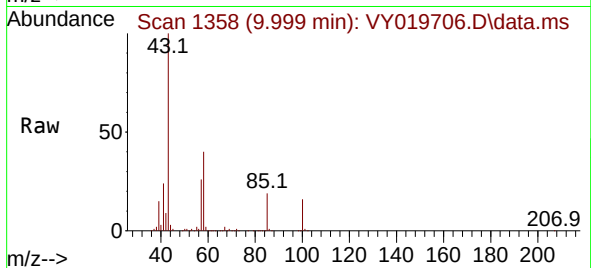
ClientSampleId :

Tgt Ion: 43 Resp: 261674

Ion Ratio Lower Upper

43 100

58 39.2 35.7 53.5



#52

Toluene

Concen: 20.049 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019706.D

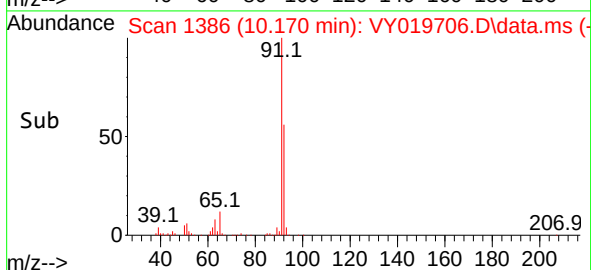
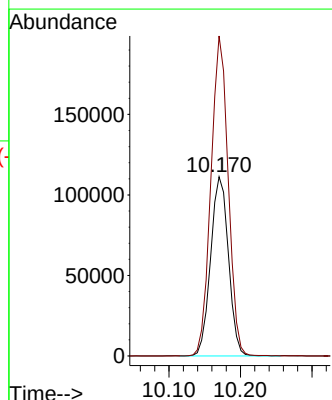
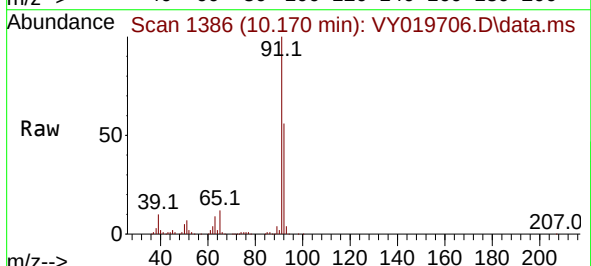
Acq: 26 Sep 2024 12:15

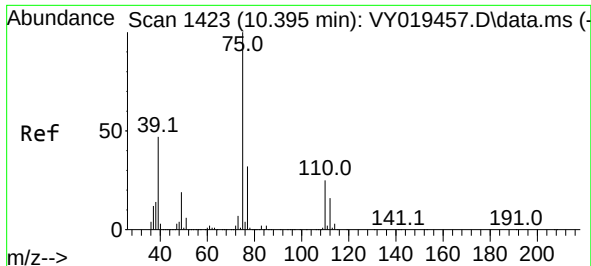
Tgt Ion: 92 Resp: 192452

Ion Ratio Lower Upper

92 100

91 173.4 139.0 208.6

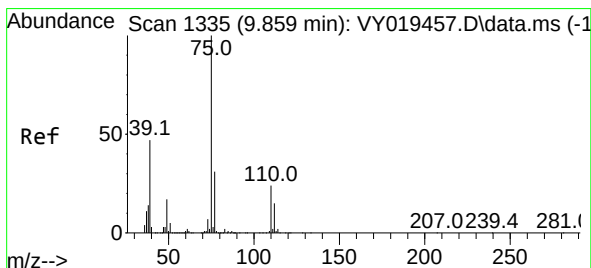
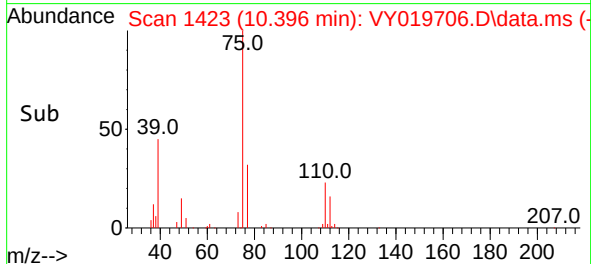
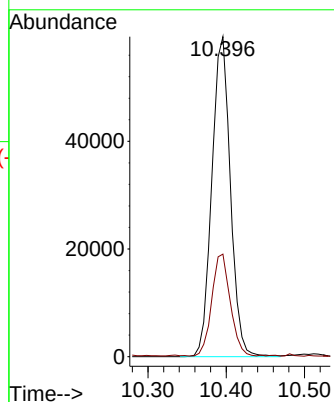
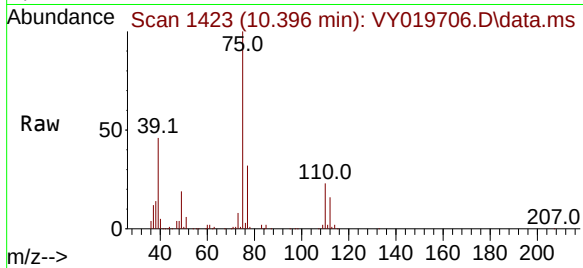




#53
t-1,3-Dichloropropene
Concen: 19.114 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

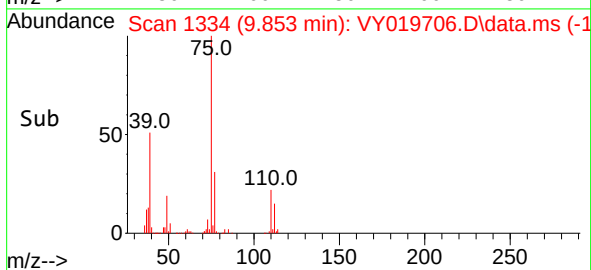
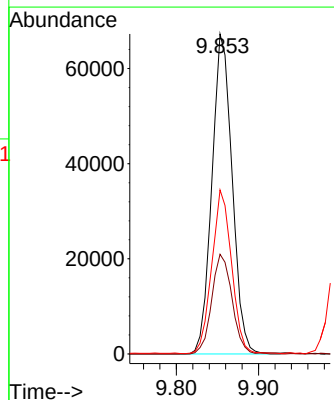
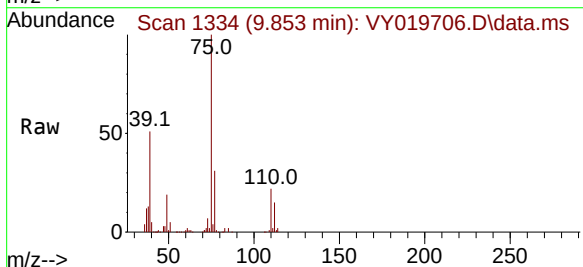
Instrument :
MSVOA_Y
ClientSampleId :

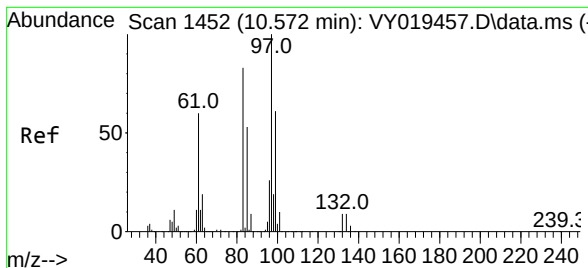
Tgt Ion: 75 Resp: 97727
Ion Ratio Lower Upper
75 100
77 31.9 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 19.340 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion: 75 Resp: 115141
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
39 51.1 29.8 44.6#

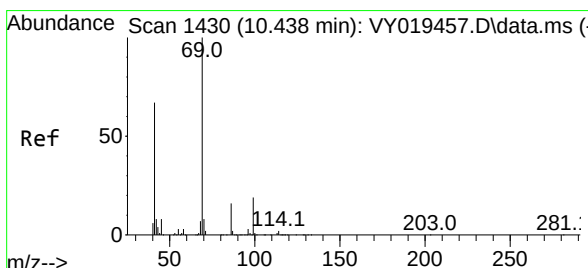
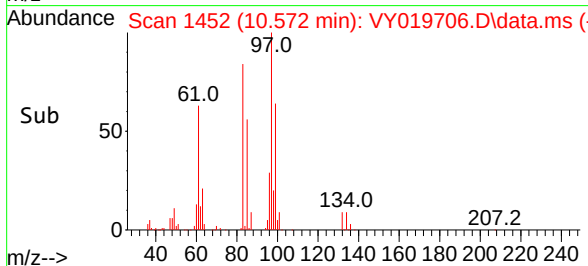
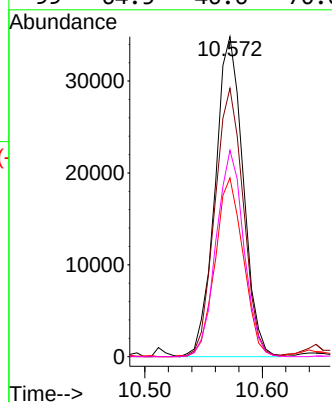
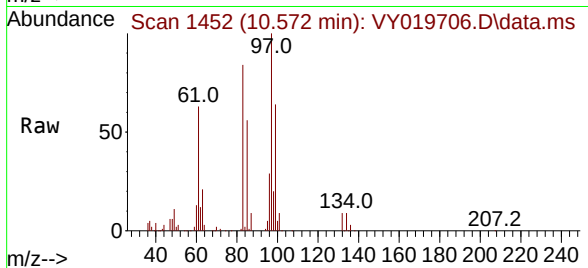




#55
1,1,2-Trichloroethane
Concen: 20.989 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

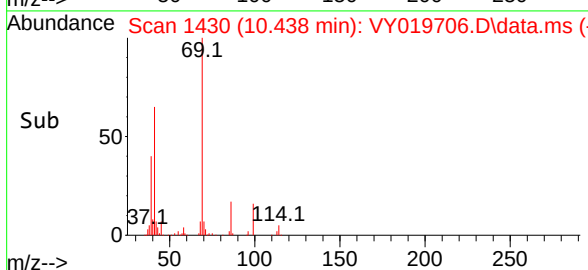
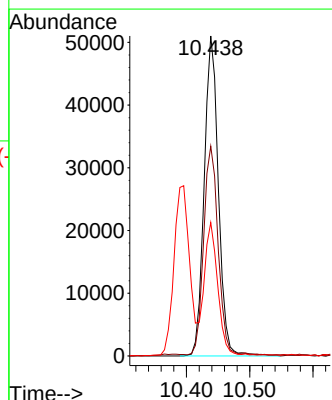
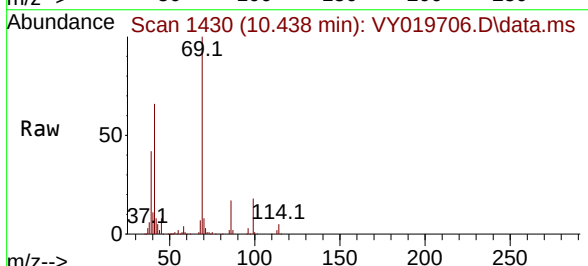
Instrument :
MSVOA_Y
ClientSampleId :

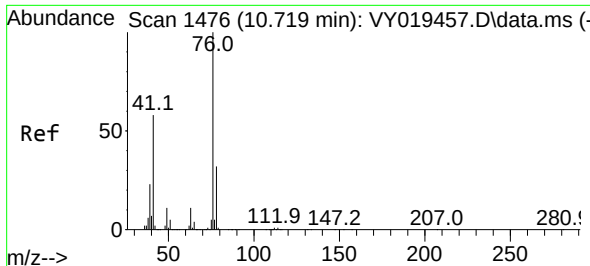
Tgt Ion: 97	Resp: 57834
Ion Ratio	Lower Upper
97 100	
83 83.8	67.5 101.3
85 55.6	42.9 64.3
99 64.5	46.6 70.0



#56
Ethyl methacrylate
Concen: 19.078 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion: 69	Resp: 79858
Ion Ratio	Lower Upper
69 100	
41 66.7	42.3 63.5#
39 39.9	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.587 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

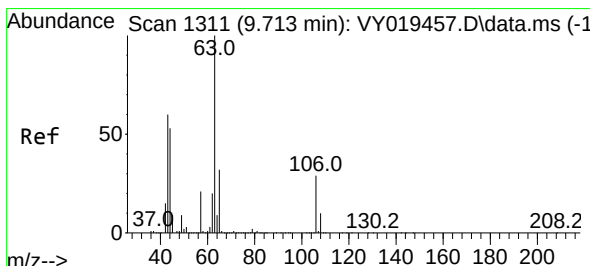
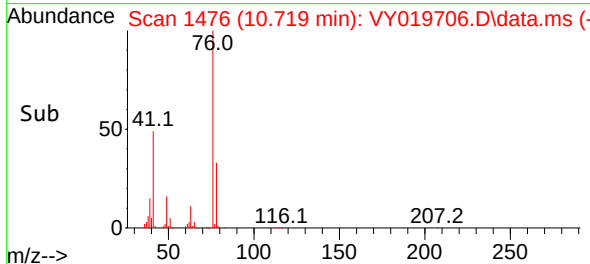
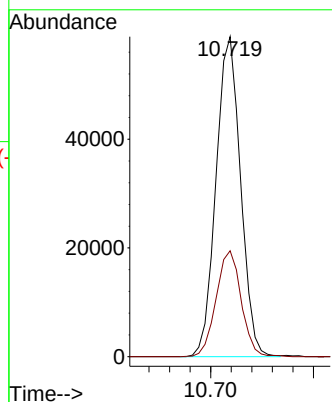
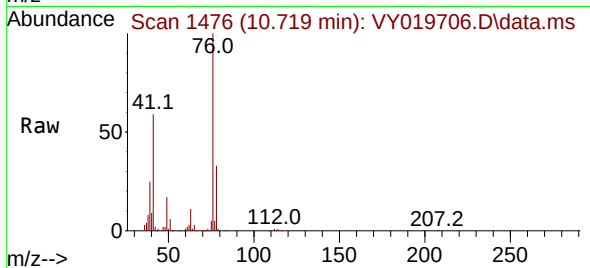
ClientSampleId :

Tgt Ion: 76 Resp: 97511

Ion Ratio Lower Upper

76 100

78 33.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.245 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019706.D

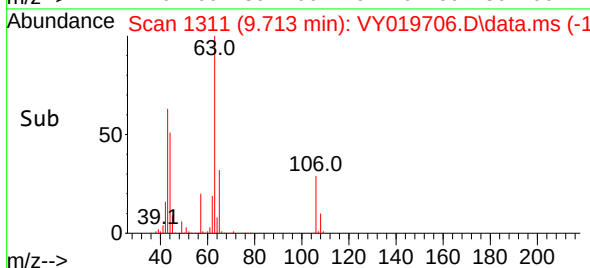
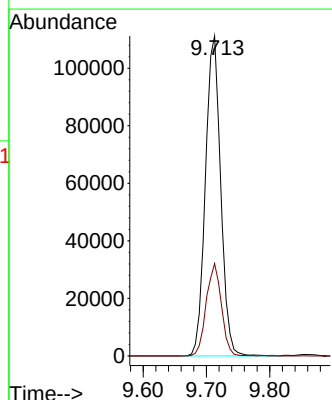
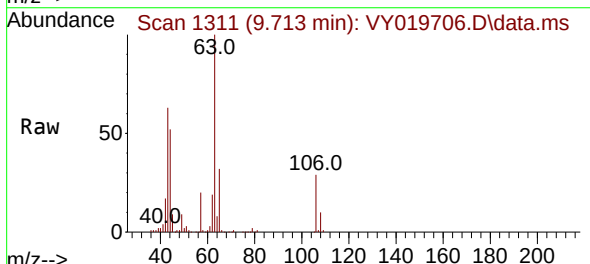
Acq: 26 Sep 2024 12:15

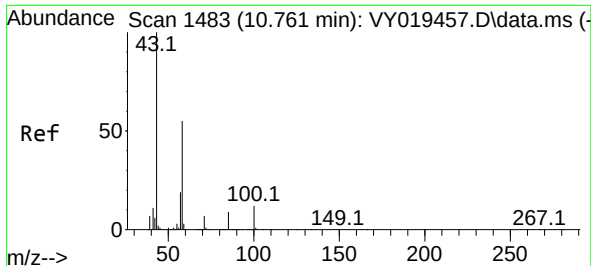
Tgt Ion: 63 Resp: 186980

Ion Ratio Lower Upper

63 100

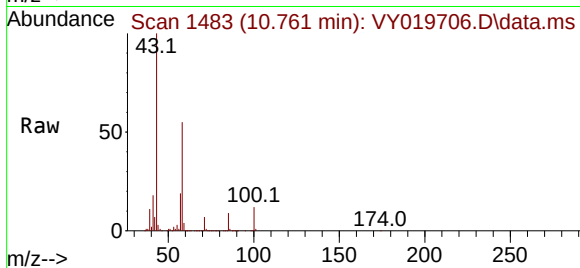
106 28.7 23.7 35.5



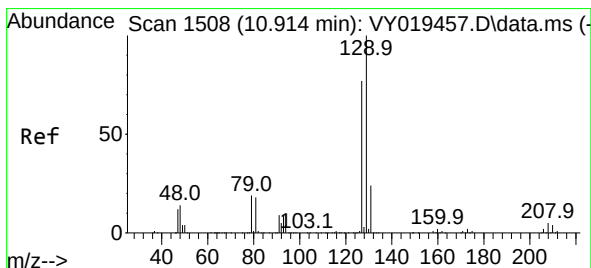
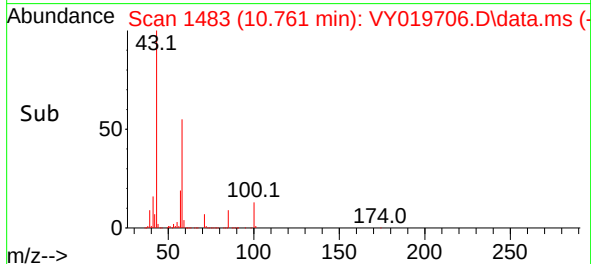
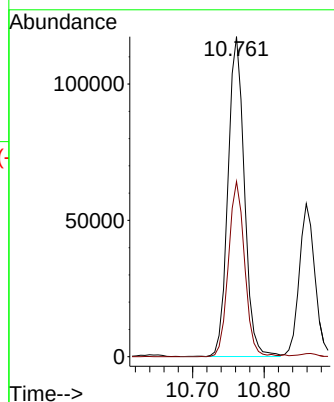


#59
2-Hexanone
Concen: 96.869 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :

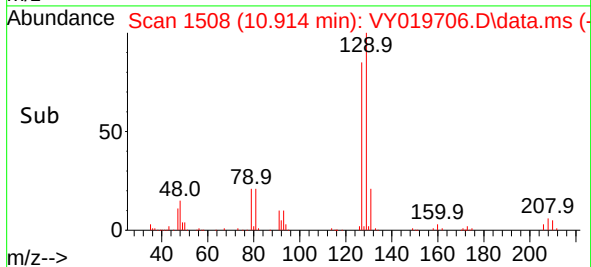
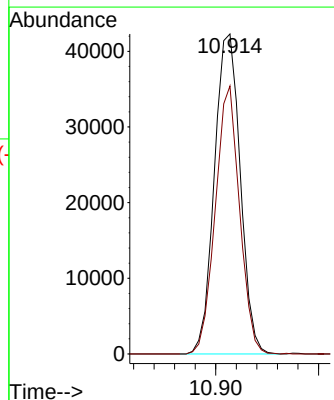
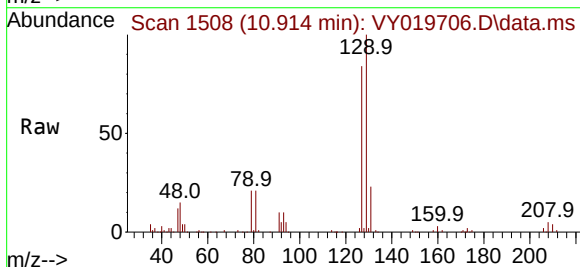


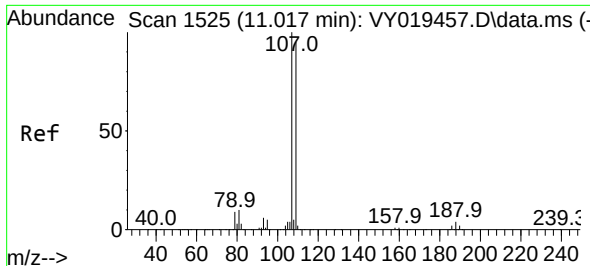
Tgt Ion: 43 Resp: 186368
Ion Ratio Lower Upper
43 100
58 54.2 31.4 94.0



#60
Dibromochloromethane
Concen: 20.283 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion: 129 Resp: 73933
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0

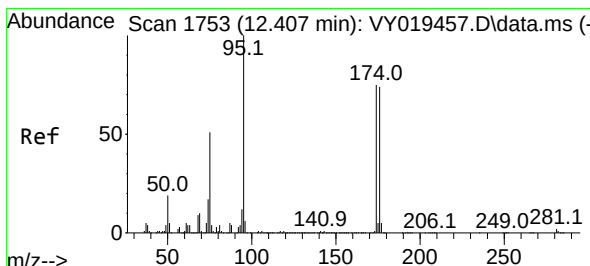
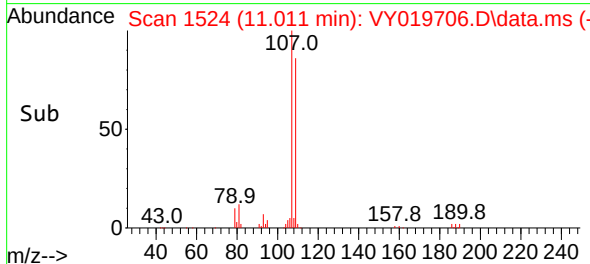
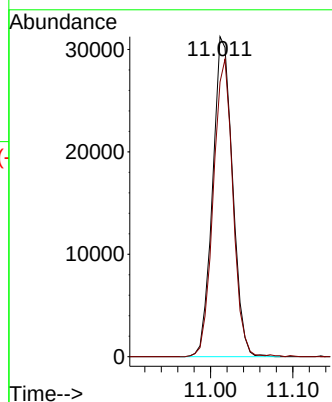
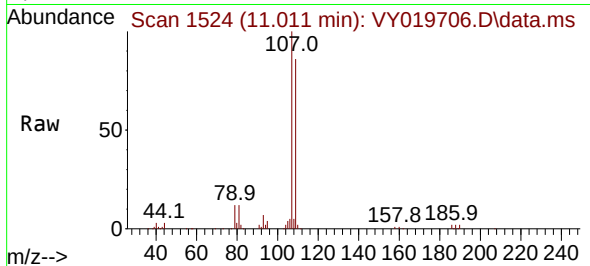




#61
1,2-Dibromoethane
Concen: 20.482 ug/l
RT: 11.011 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

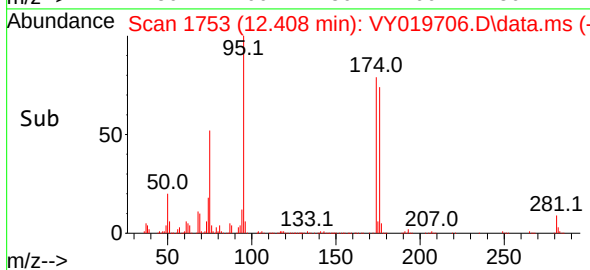
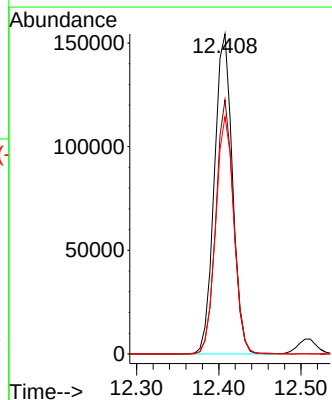
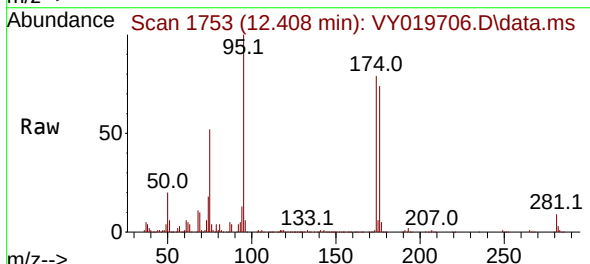
Instrument :
MSVOA_Y
ClientSampleId :

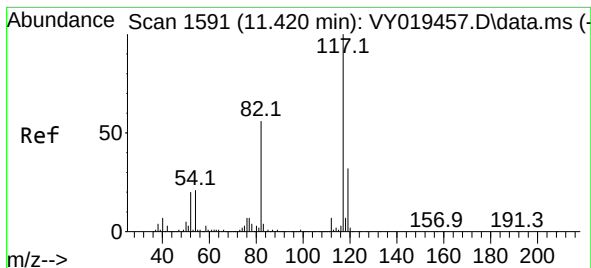
Tgt Ion:107 Resp: 52585
Ion Ratio Lower Upper
107 100
109 91.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 46.689 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion: 95 Resp: 236465
Ion Ratio Lower Upper
95 100
174 77.7 0.0 175.6
176 74.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

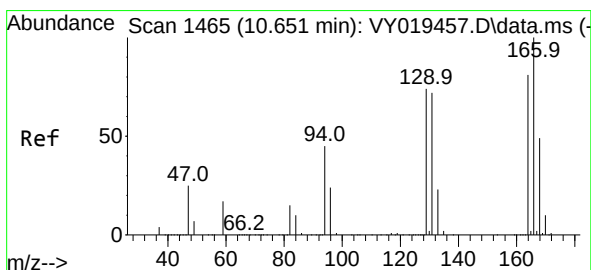
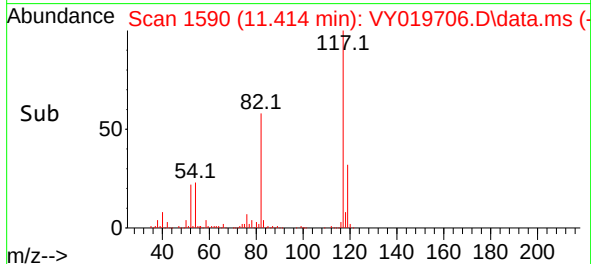
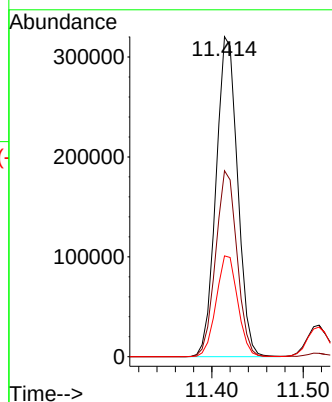
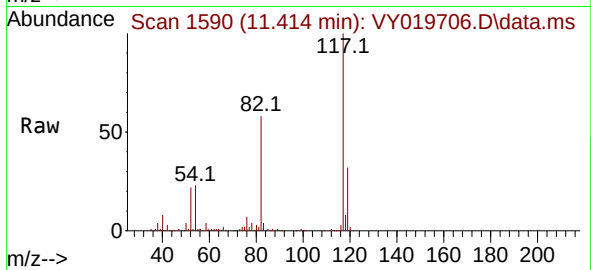
Tgt Ion:117 Resp: 525328

Ion Ratio Lower Upper

117 100

82 58.1 42.4 63.6

119 31.5 25.9 38.9



#64

Tetrachloroethene

Concen: 19.786 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Tgt Ion:164 Resp: 64365

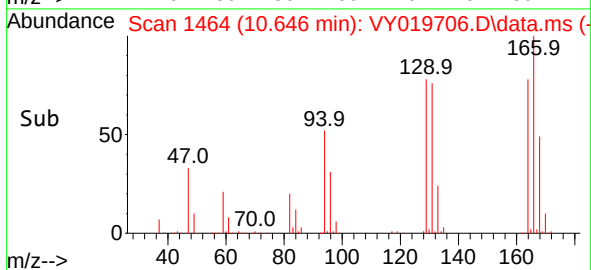
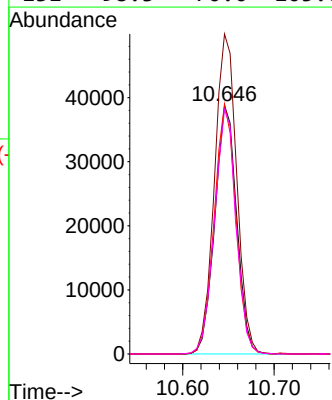
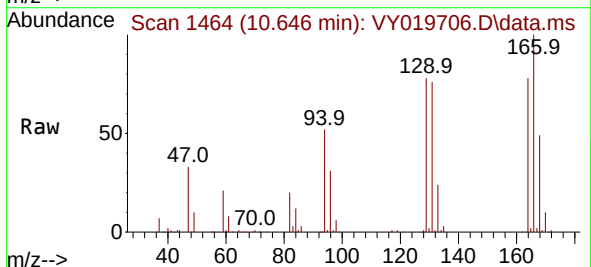
Ion Ratio Lower Upper

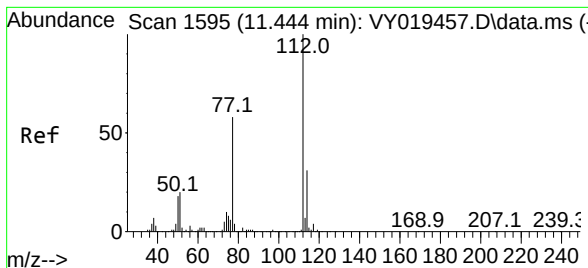
164 100

166 128.8 102.6 154.0

129 100.6 72.0 108.0

131 98.3 70.0 105.0

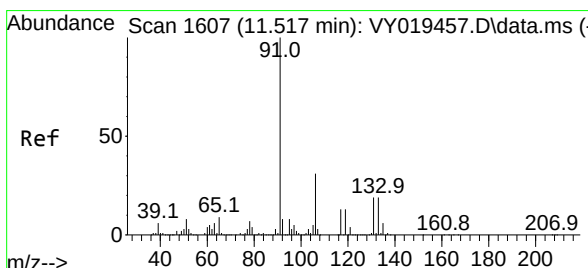
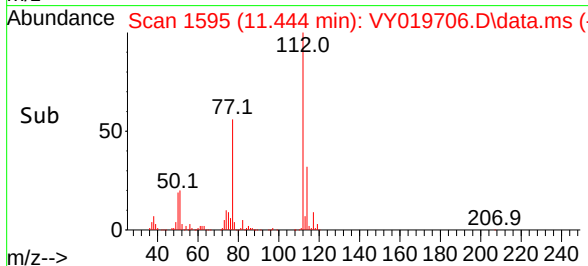
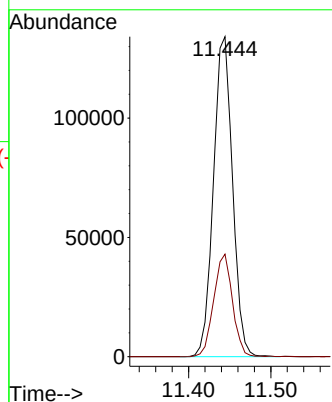
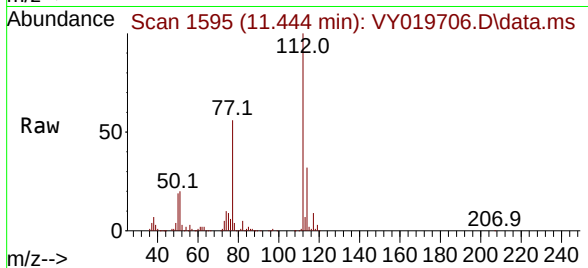




#65
Chlorobenzene
Concen: 20.859 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

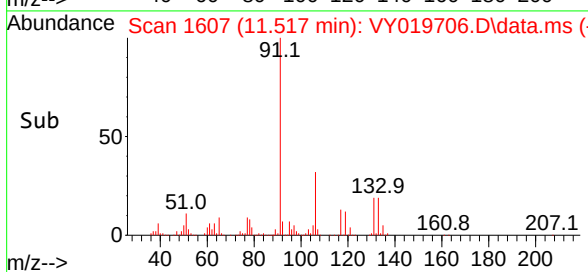
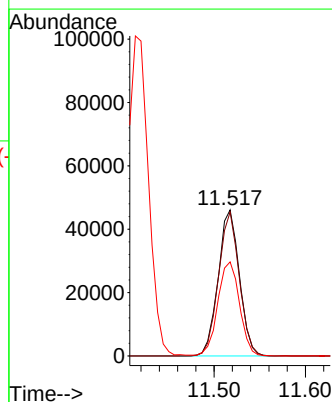
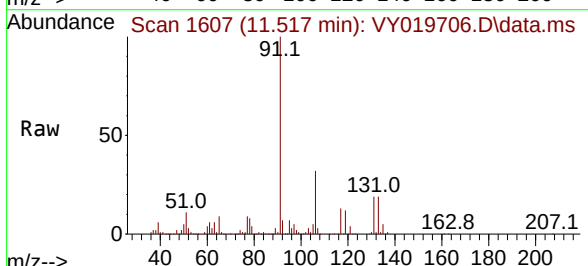
Instrument :
MSVOA_Y
ClientSampleId :

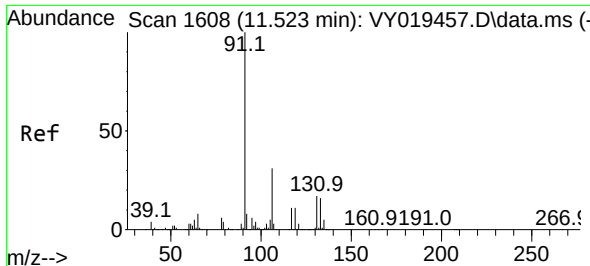
Tgt Ion:112 Resp: 215547
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.818 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion:131 Resp: 74484
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.3
119 66.0 34.1 102.2





#67

Ethyl Benzene

Concen: 20.917 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

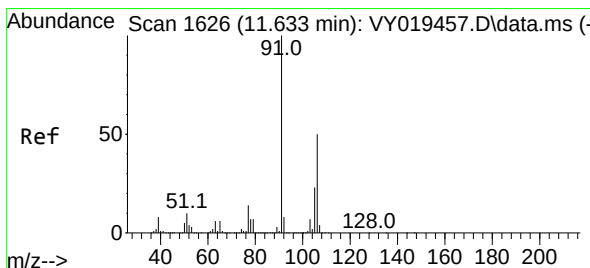
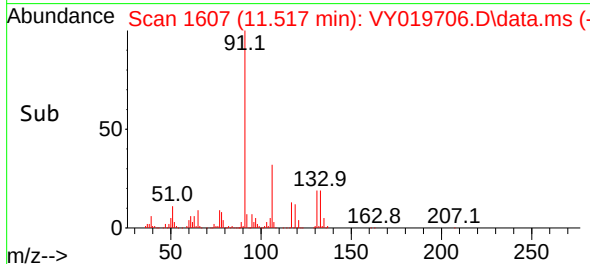
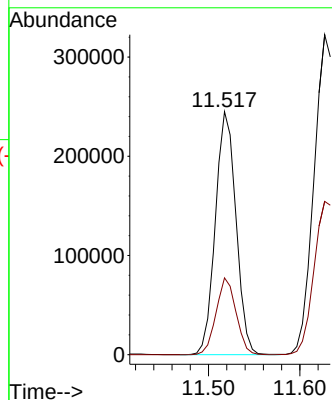
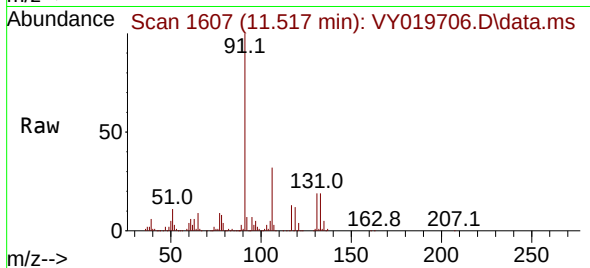
ClientSampleId :

Tgt Ion: 91 Resp: 384062

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 41.286 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019706.D

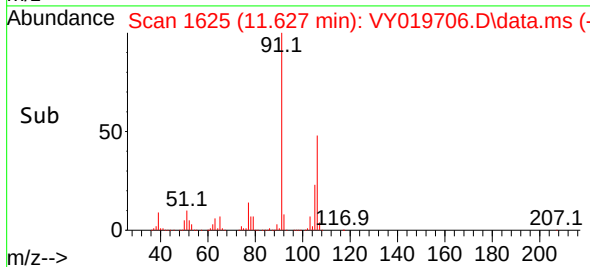
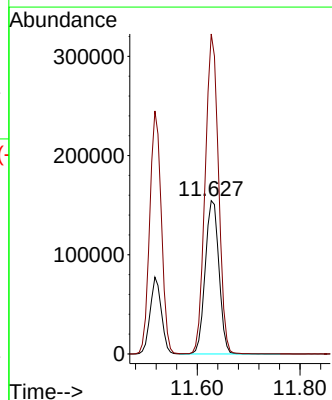
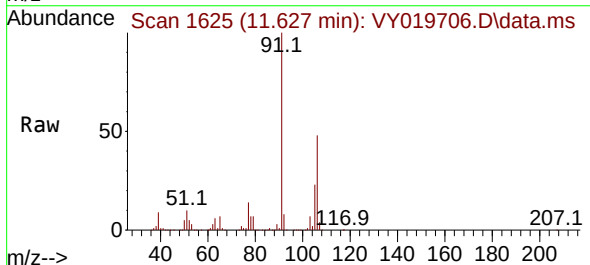
Acq: 26 Sep 2024 12:15

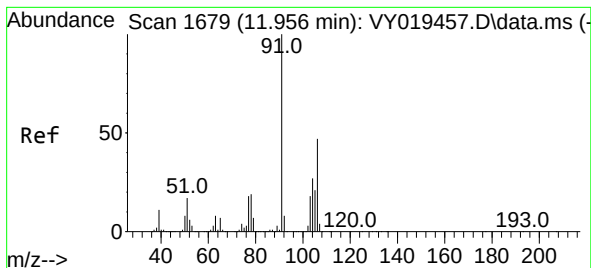
Tgt Ion:106 Resp: 286635

Ion Ratio Lower Upper

106 100

91 202.2 156.0 234.0





#69

o-Xylene

Concen: 20.689 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

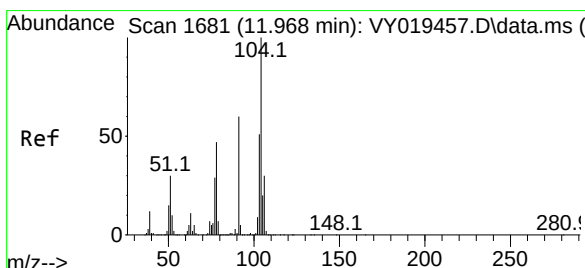
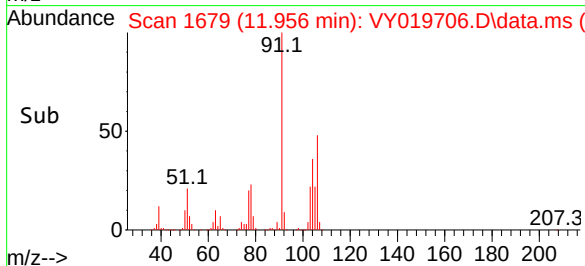
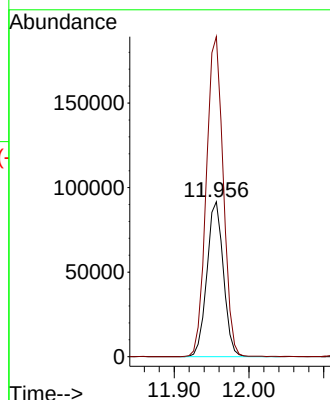
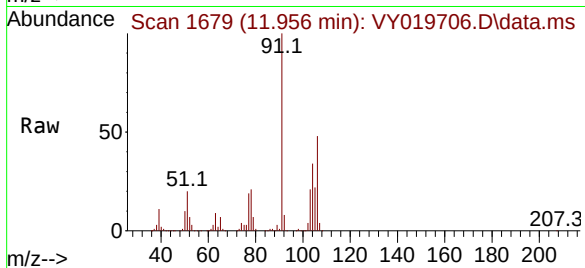
ClientSampleId :

Tgt Ion:106 Resp: 140471

Ion Ratio Lower Upper

106 100

91 212.1 103.6 310.8



#70

Styrene

Concen: 20.561 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

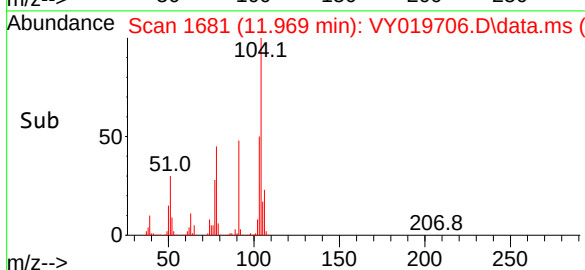
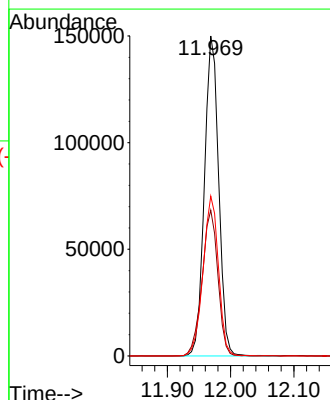
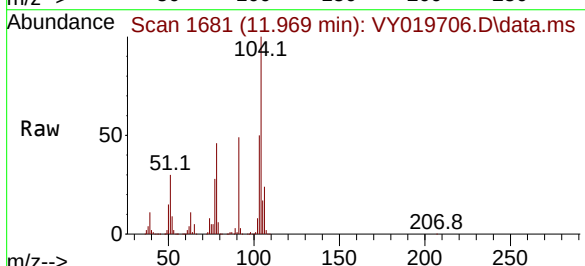
Tgt Ion:104 Resp: 235701

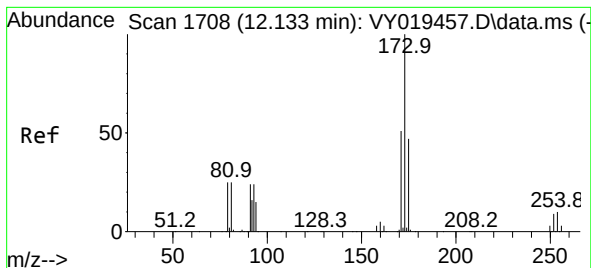
Ion Ratio Lower Upper

104 100

78 50.3 37.0 55.4

103 53.8 44.2 66.2





#71

Bromoform

Concen: 20.153 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019706.D

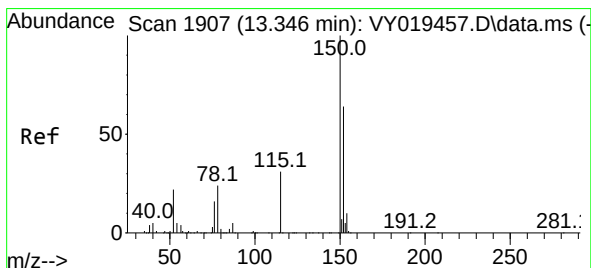
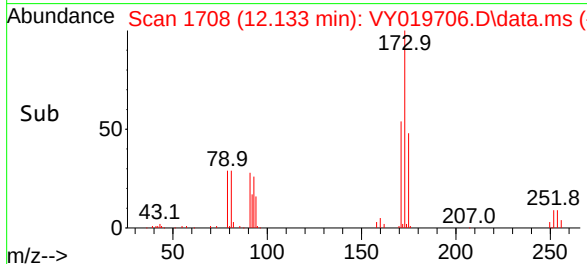
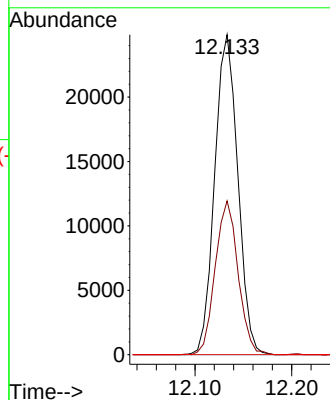
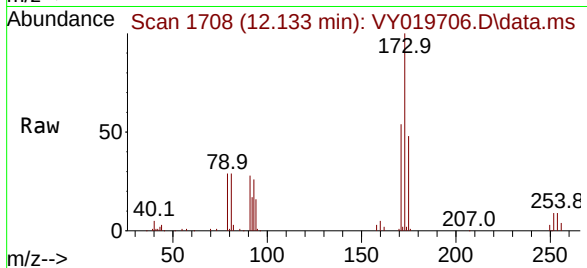
Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	41183
Ion Ratio	Lower	Upper
173	100	
175	47.6	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

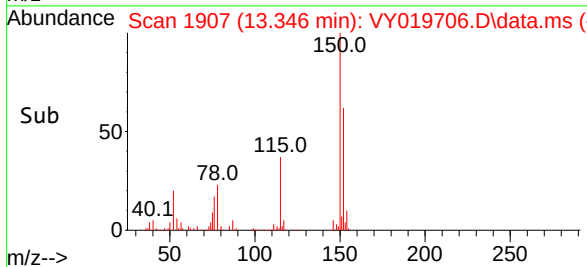
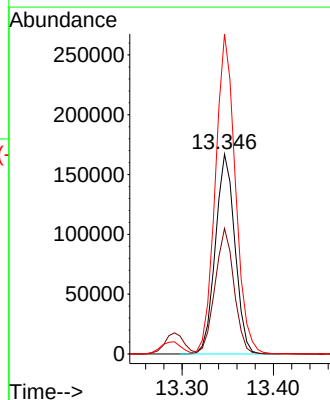
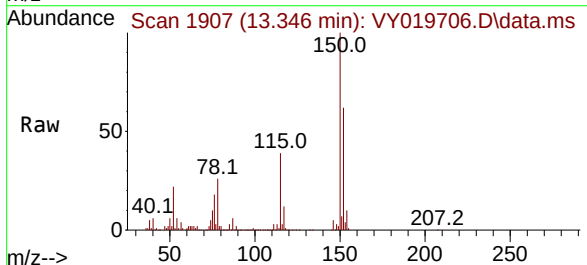
RT: 13.346 min Scan# 1907

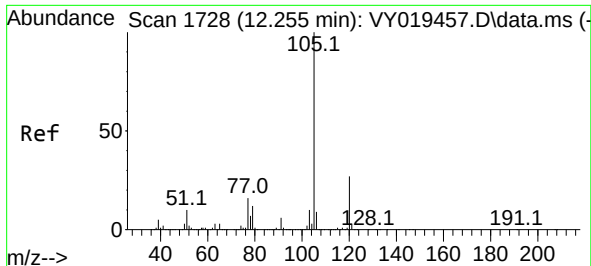
Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Tgt Ion:152	Resp:	247984
Ion Ratio	Lower	Upper
152	100	
115	61.3	28.2 84.7
150	164.5	0.0 345.6

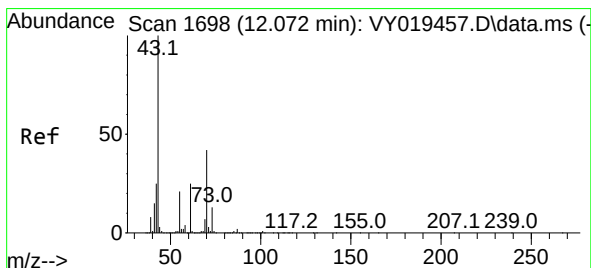
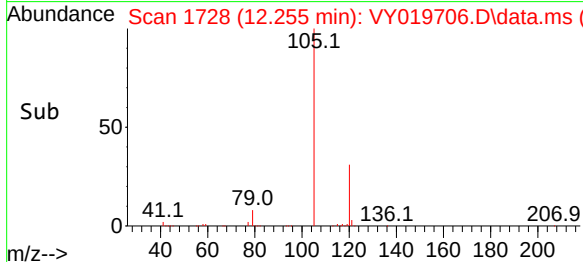
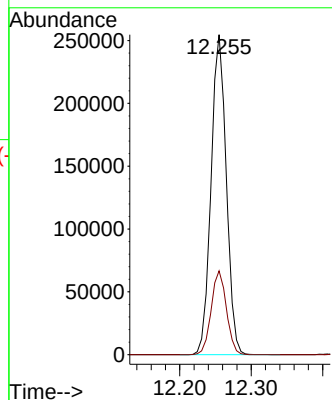
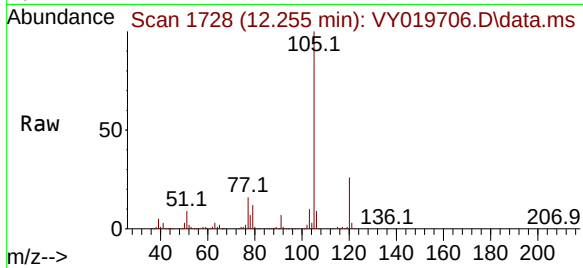




#73
Isopropylbenzene
Concen: 20.895 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

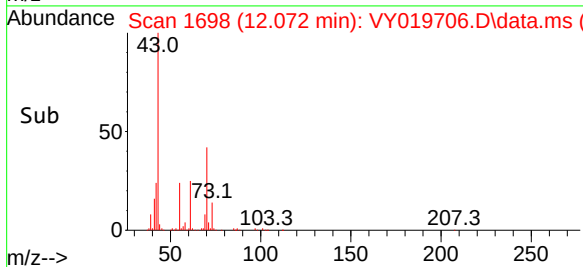
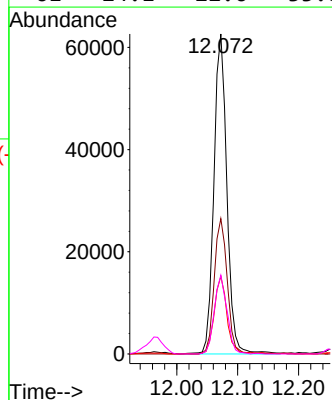
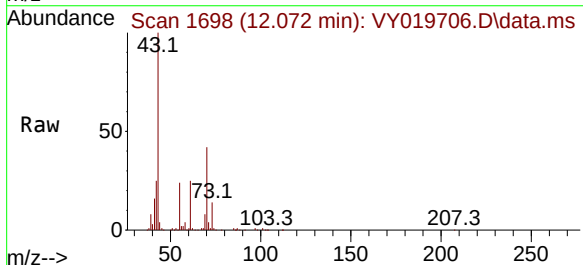
Instrument :
MSVOA_Y
ClientSampleId :

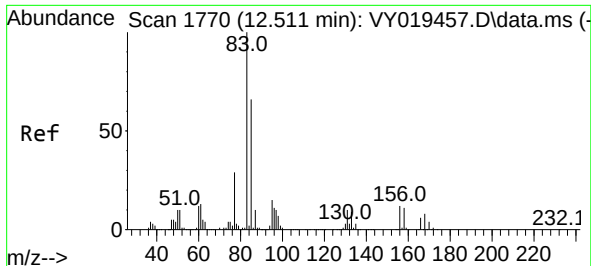
Tgt Ion:105 Resp: 375916
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1



#74
N-ethyl acetate
Concen: 18.928 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion: 43 Resp: 92612
Ion Ratio Lower Upper
43 100
70 42.7 41.4 62.2
55 24.1 23.3 34.9
61 24.1 22.6 33.8

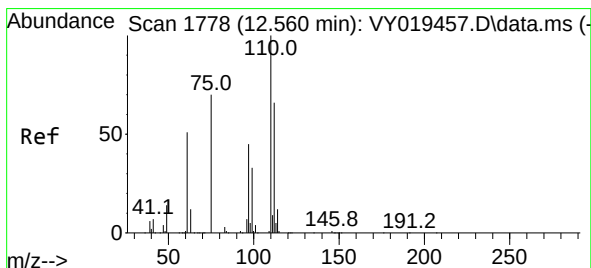
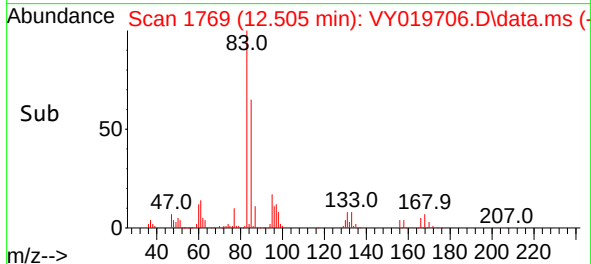
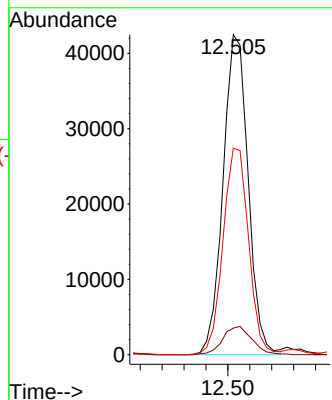
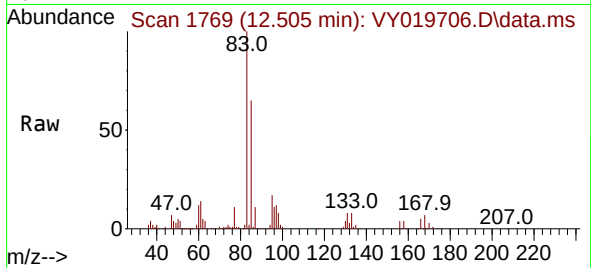




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.173 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY019706.D
 Acq: 26 Sep 2024 12:15

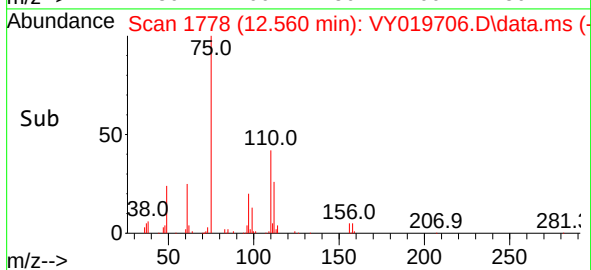
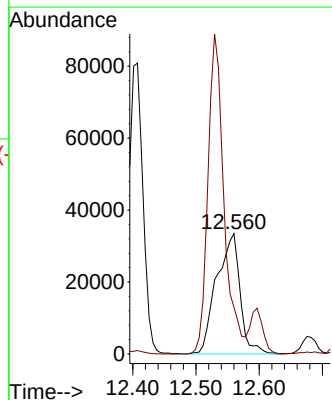
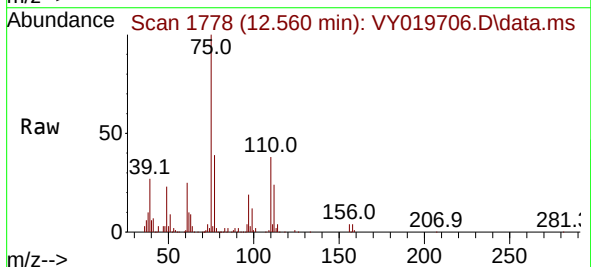
Instrument :
 MSVOA_Y
 ClientSampleId :

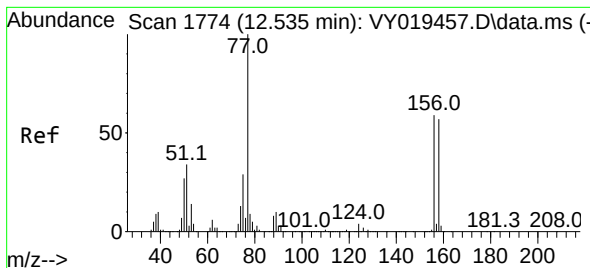
Tgt Ion: 83 Resp: 67609
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 14.9
 85 65.7 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 37.116 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY019706.D
 Acq: 26 Sep 2024 12:15

Tgt Ion: 75 Resp: 86270
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.561 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

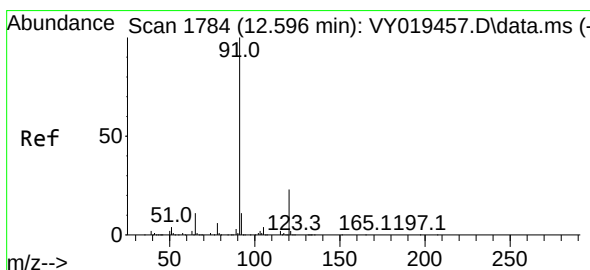
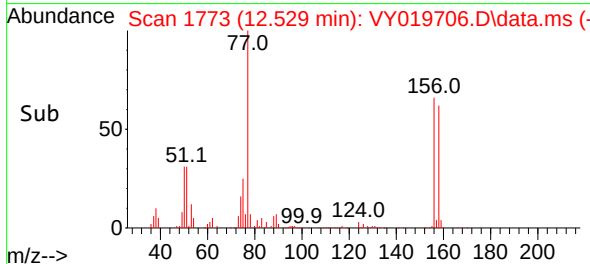
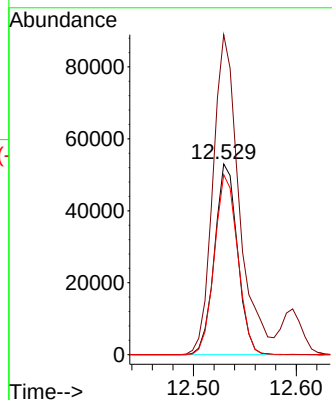
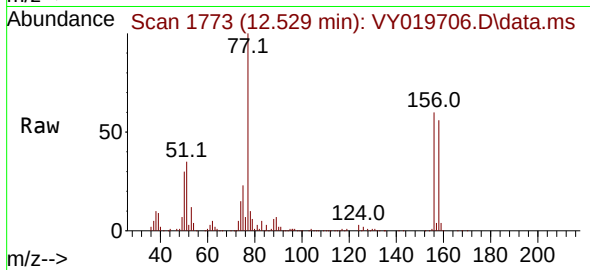
Tgt Ion:156 Resp: 82038

Ion Ratio Lower Upper

156 100

77 192.4 87.1 261.3

158 96.1 48.6 145.9



#78

n-propylbenzene

Concen: 20.958 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019706.D

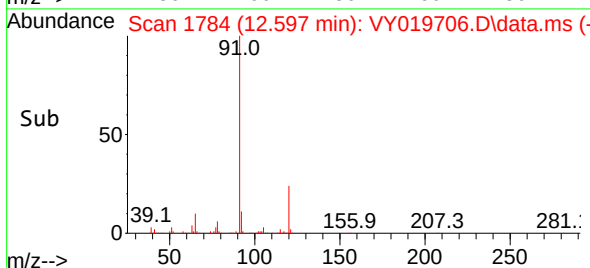
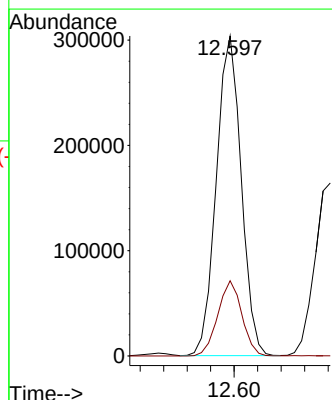
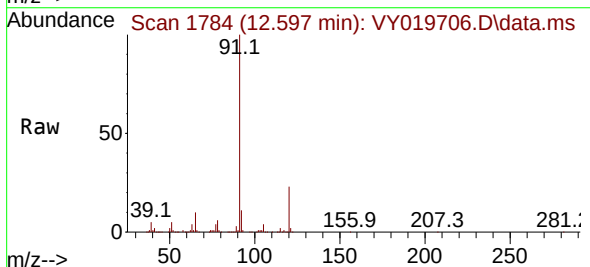
Acq: 26 Sep 2024 12:15

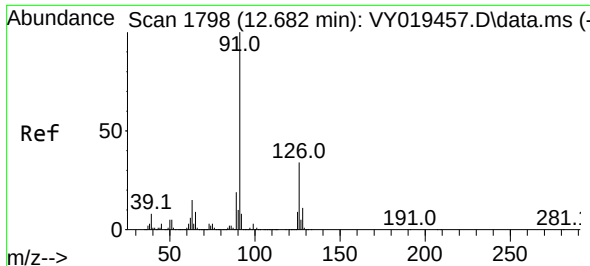
Tgt Ion: 91 Resp: 446891

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

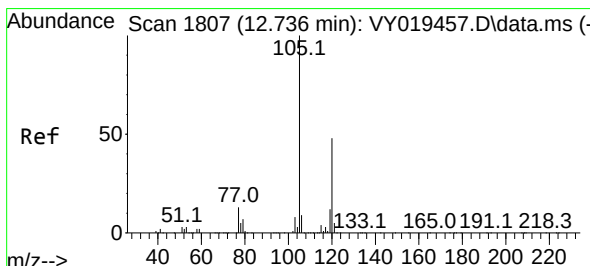
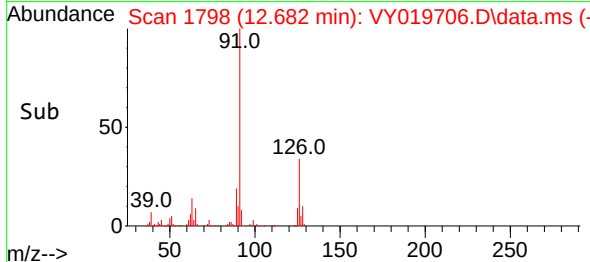
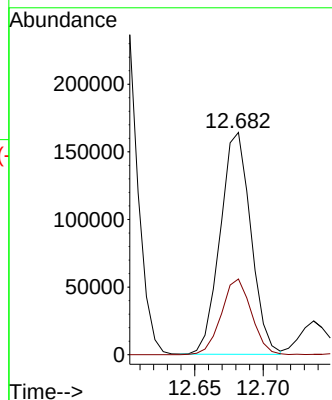
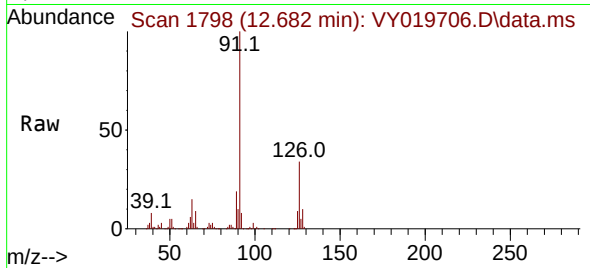




#79
2-Chlorotoluene
Concen: 20.564 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

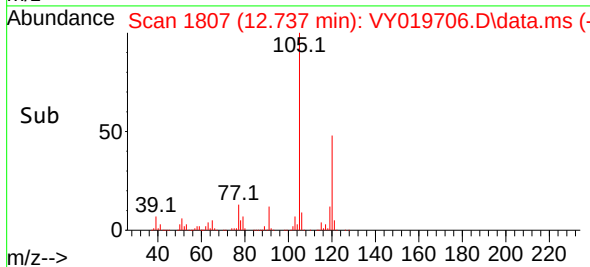
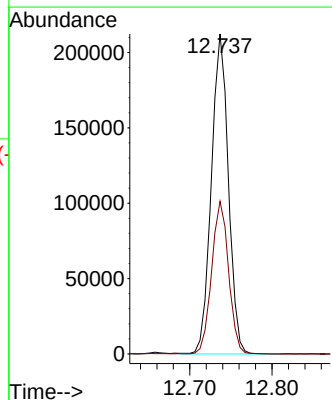
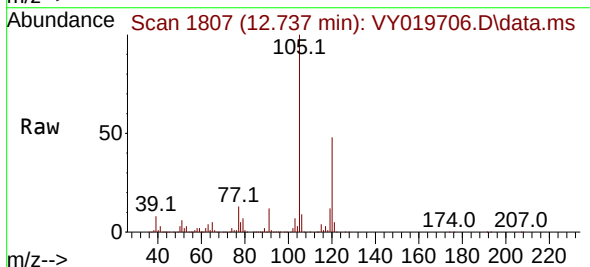
Instrument :
MSVOA_Y
ClientSampleId :

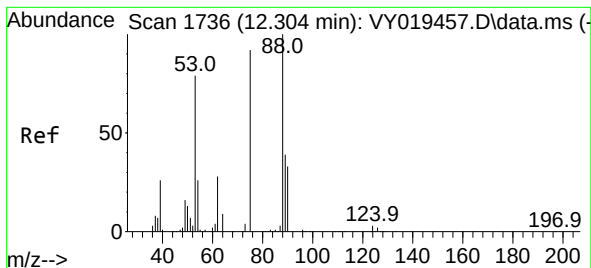
Tgt Ion: 91 Resp: 255548
Ion Ratio Lower Upper
91 100
126 33.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.853 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion: 105 Resp: 304980
Ion Ratio Lower Upper
105 100
120 47.5 25.1 75.2

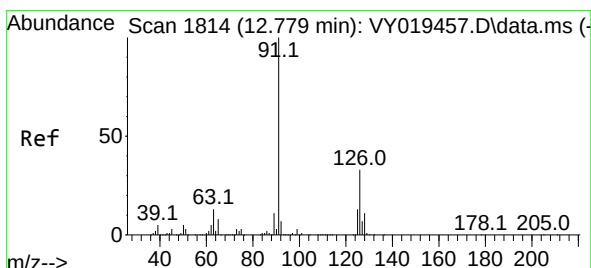
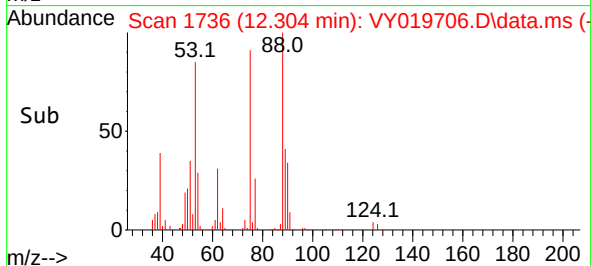
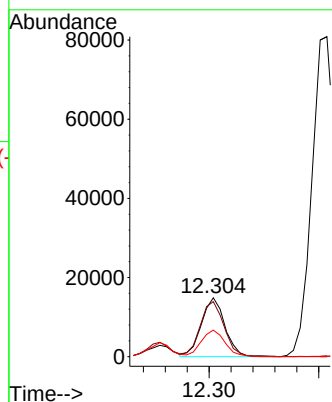
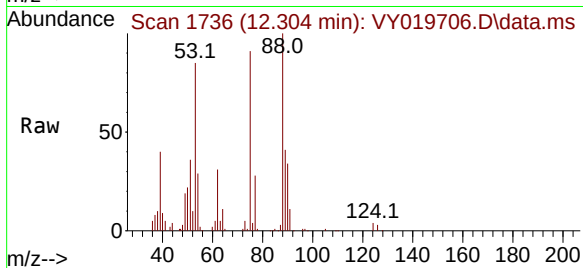




#81
trans-1,4-Dichloro-2-butene
Concen: 18.358 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

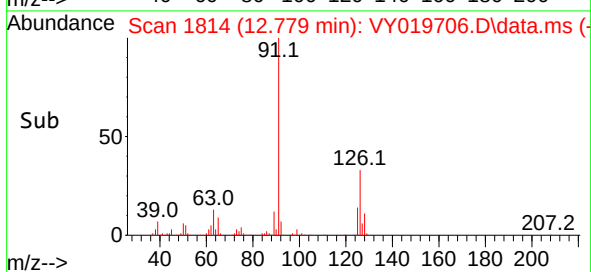
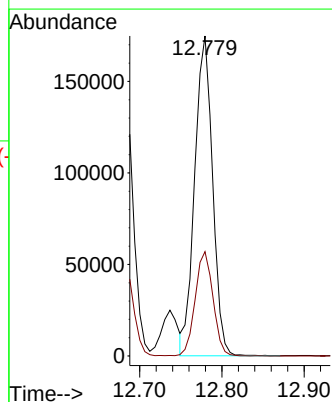
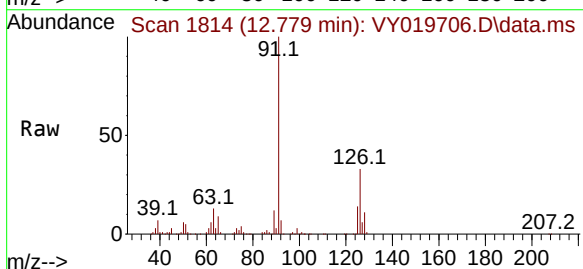
Instrument :
MSVOA_Y
ClientSampleId :

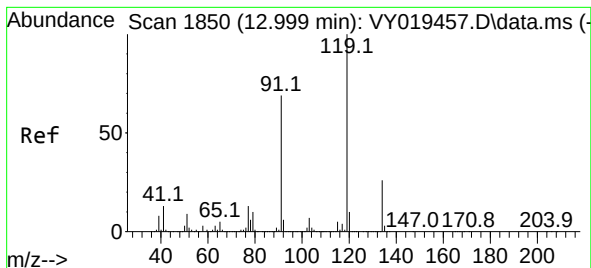
Tgt Ion: 75 Resp: 22227
Ion Ratio Lower Upper
75 100
53 95.7 66.8 100.2
89 45.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.682 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019706.D
Acq: 26 Sep 2024 12:15

Tgt Ion: 91 Resp: 264233
Ion Ratio Lower Upper
91 100
126 32.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.166 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

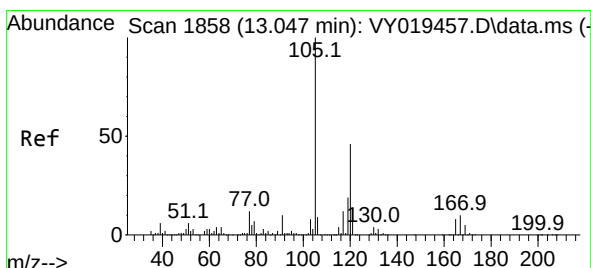
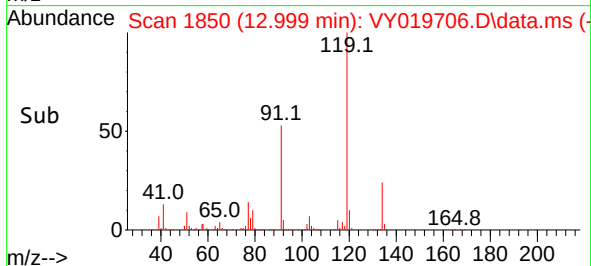
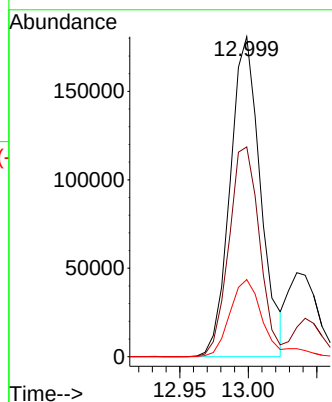
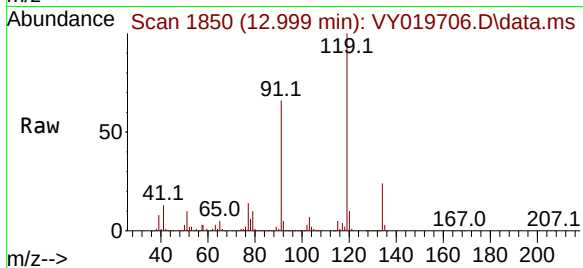
Tgt Ion:119 Resp: 280245

Ion Ratio Lower Upper

119 100

91 65.9 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.398 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019706.D

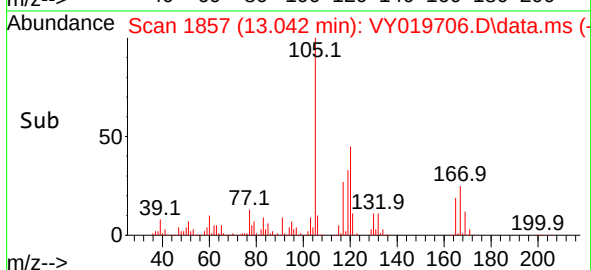
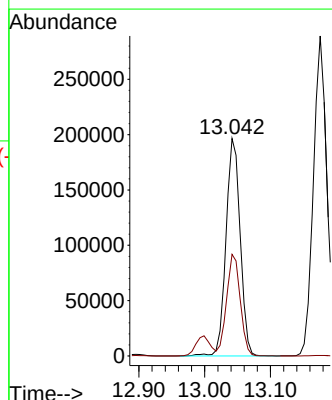
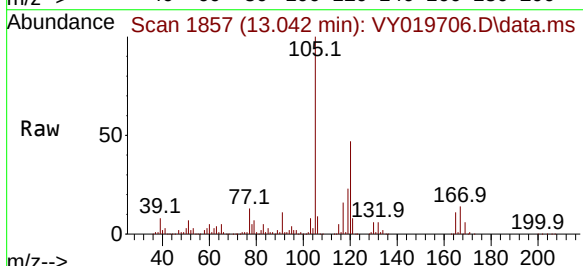
Acq: 26 Sep 2024 12:15

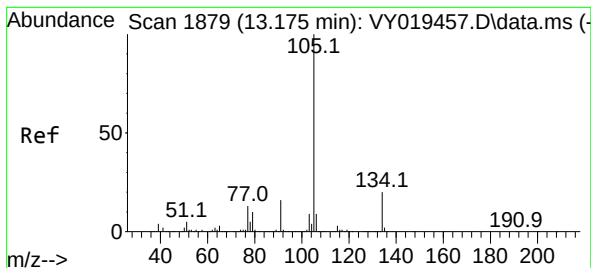
Tgt Ion:105 Resp: 295311

Ion Ratio Lower Upper

105 100

120 45.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.379 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

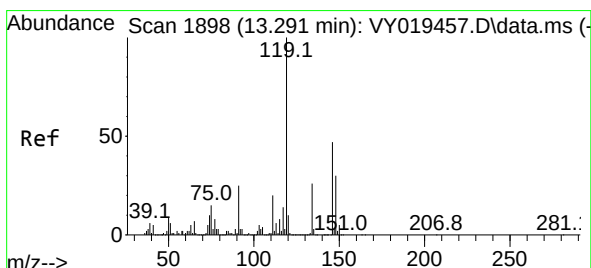
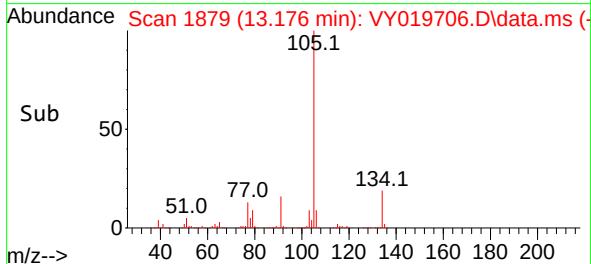
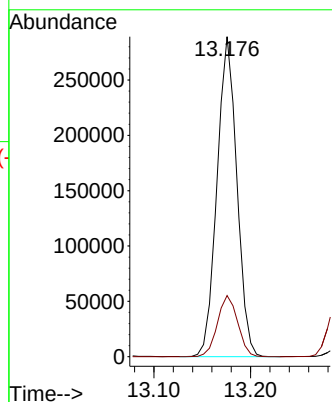
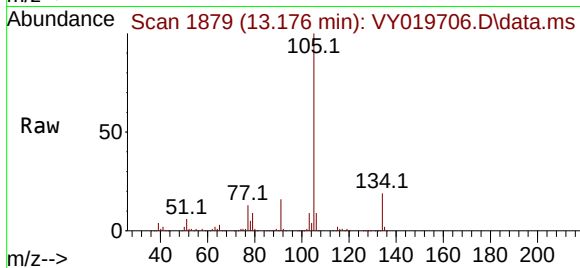
ClientSampleId :

Tgt Ion:105 Resp: 411214

Ion Ratio Lower Upper

105 100

134 19.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.924 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

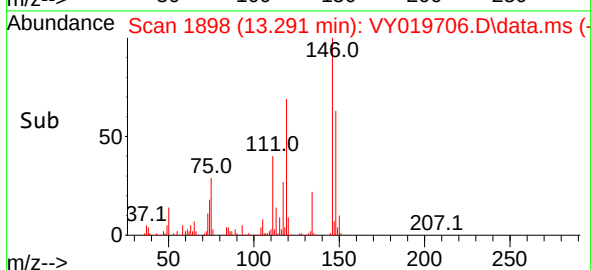
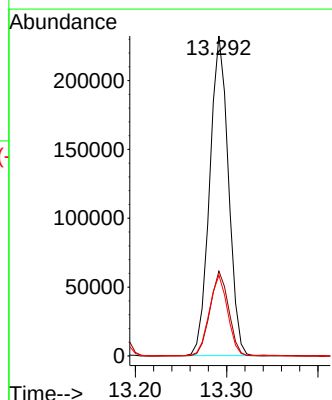
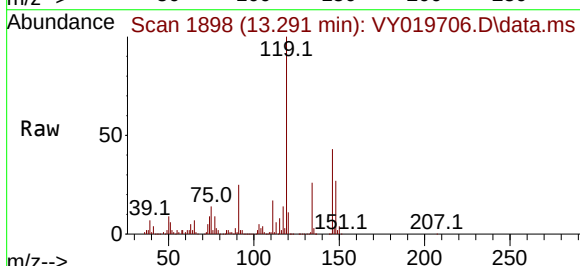
Tgt Ion:119 Resp: 329286

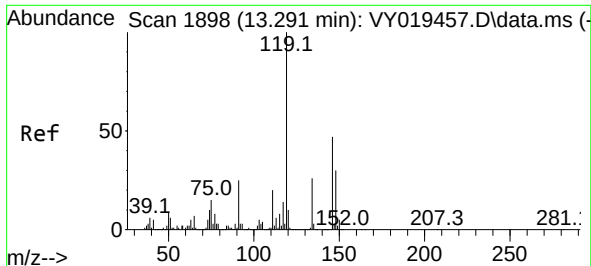
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 24.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.987 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

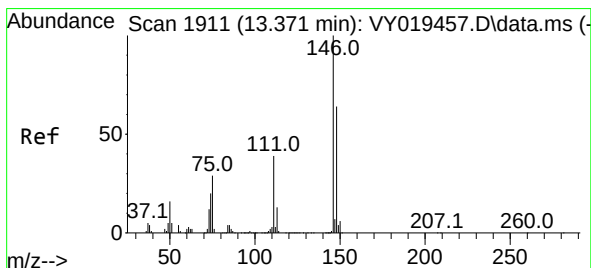
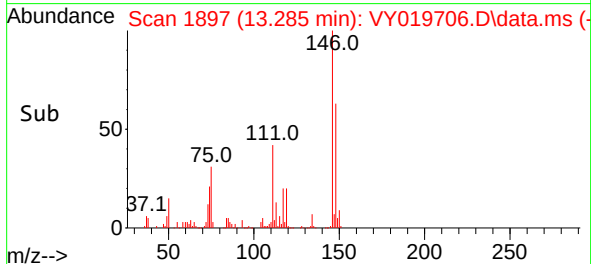
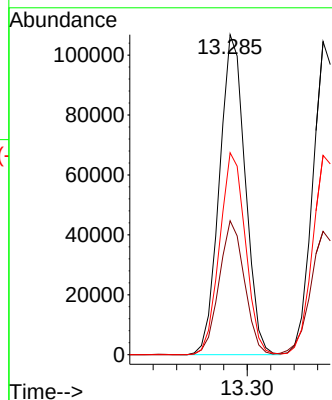
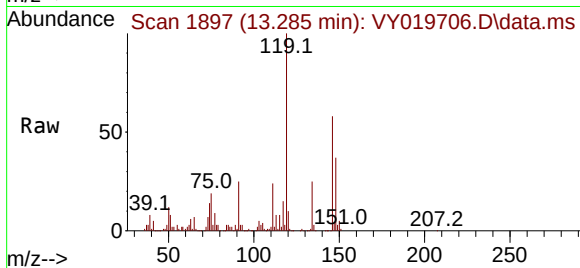
Tgt Ion:146 Resp: 162713

Ion Ratio Lower Upper

146 100

111 41.1 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.803 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

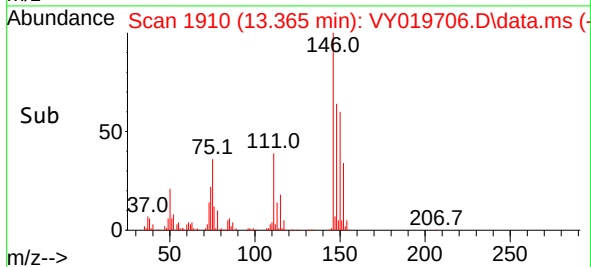
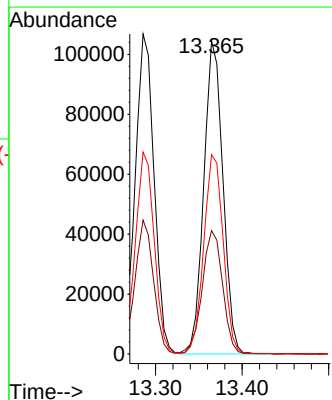
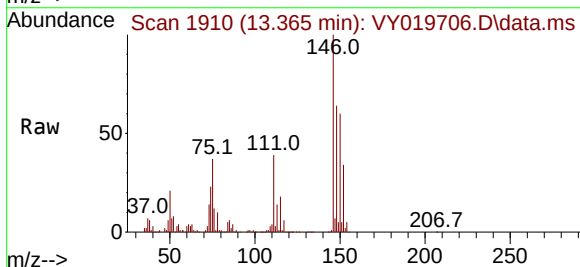
Tgt Ion:146 Resp: 160065

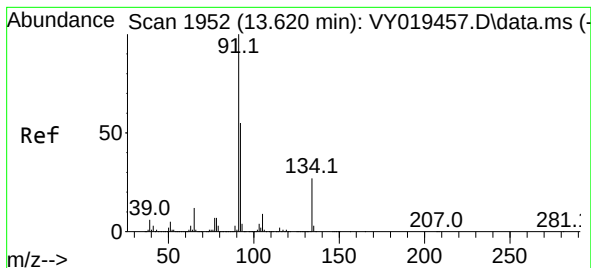
Ion Ratio Lower Upper

146 100

111 42.3 18.4 55.4

148 64.7 32.4 97.2





#89

n-Butylbenzene

Concen: 20.686 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

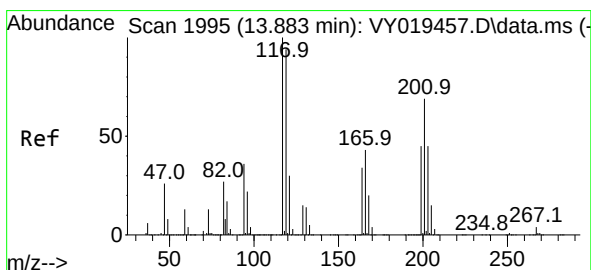
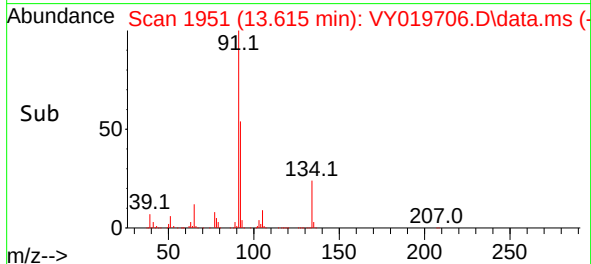
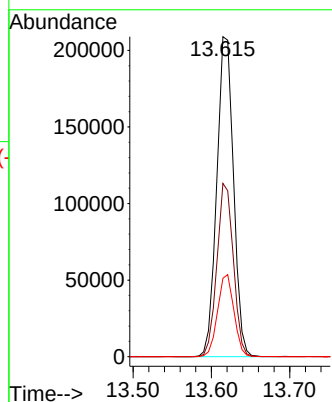
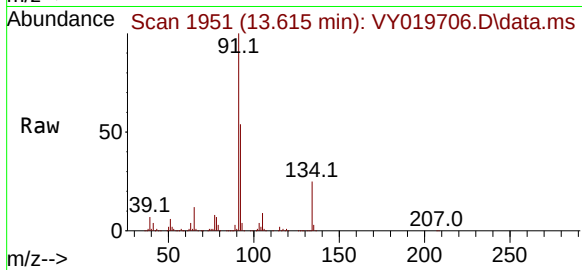
Tgt Ion: 91 Resp: 311207

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 25.1 12.9 38.7



#90

Hexachloroethane

Concen: 20.183 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019706.D

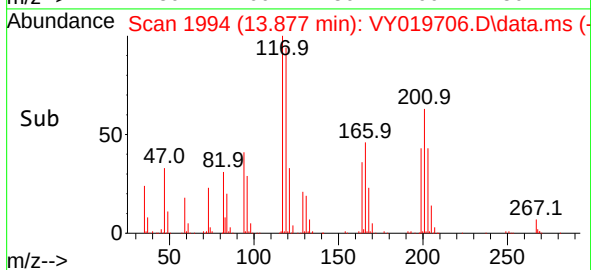
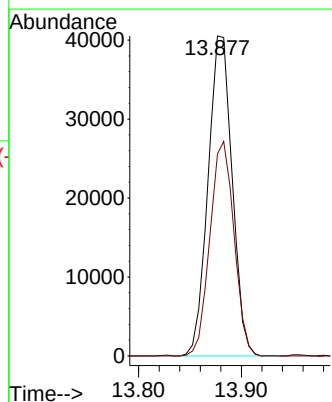
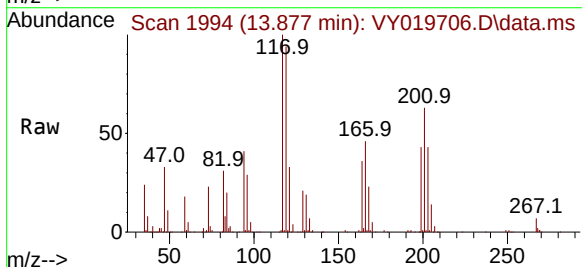
Acq: 26 Sep 2024 12:15

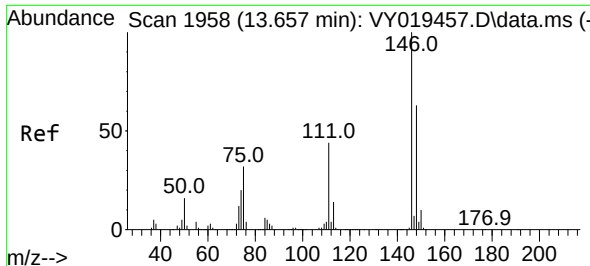
Tgt Ion: 117 Resp: 66088

Ion Ratio Lower Upper

117 100

201 67.0 37.4 112.2

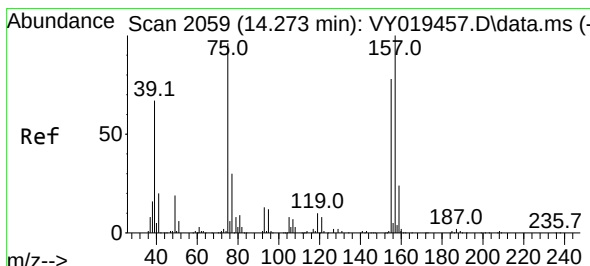
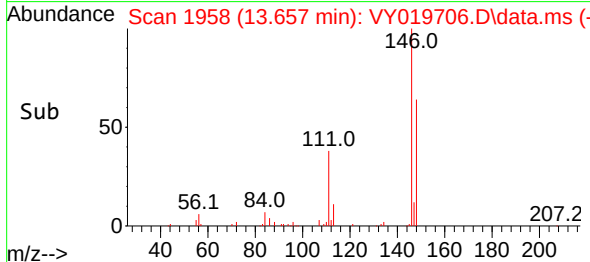
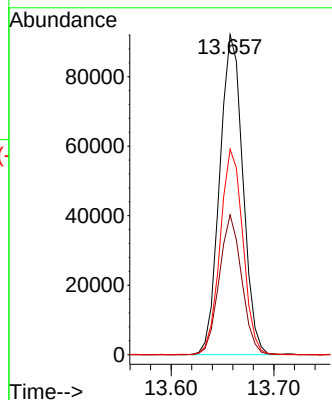
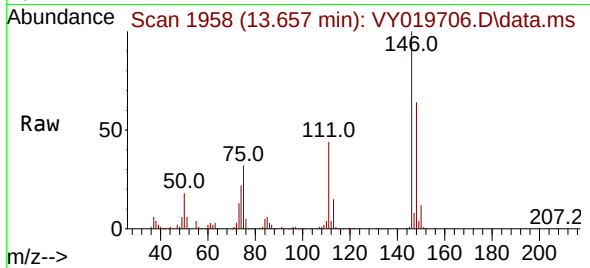




#91
 1,2-Dichlorobenzene
 Concen: 20.804 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY019706.D
 Acq: 26 Sep 2024 12:15

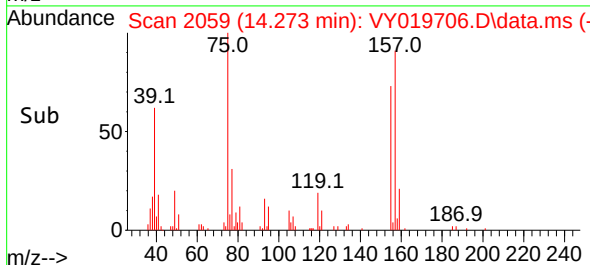
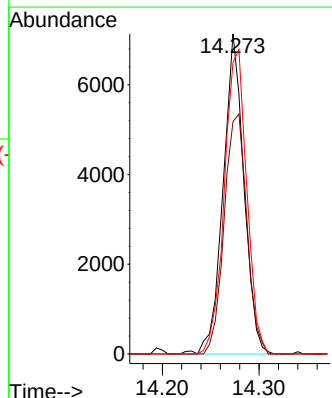
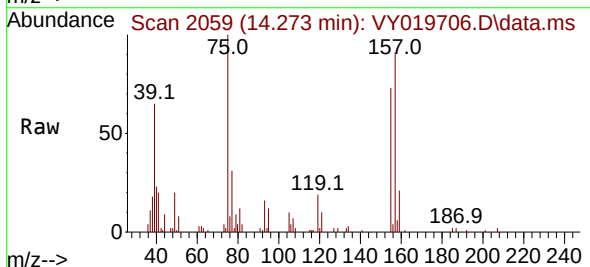
Instrument :
 MSVOA_Y
 ClientSampleId :

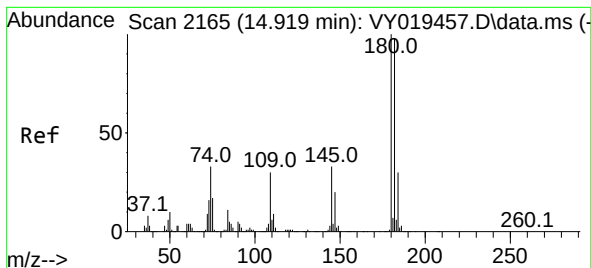
Tgt Ion:146 Resp: 143937
 Ion Ratio Lower Upper
 146 100
 111 42.3 19.9 59.7
 148 63.1 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.983 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY019706.D
 Acq: 26 Sep 2024 12:15

Tgt Ion: 75 Resp: 10635
 Ion Ratio Lower Upper
 75 100
 155 81.5 48.6 145.8
 157 102.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.499 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

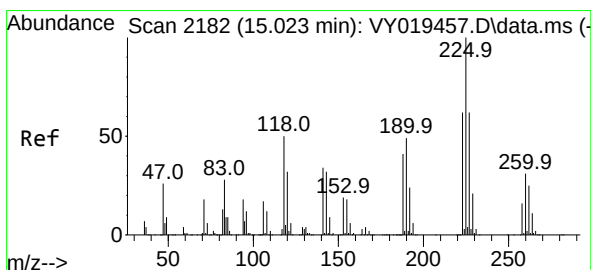
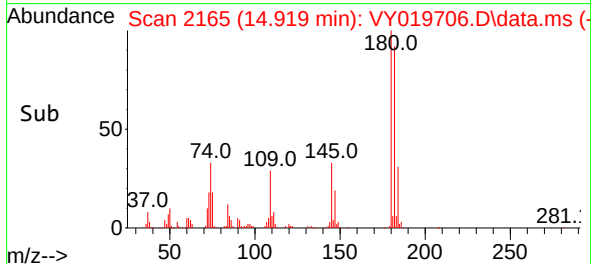
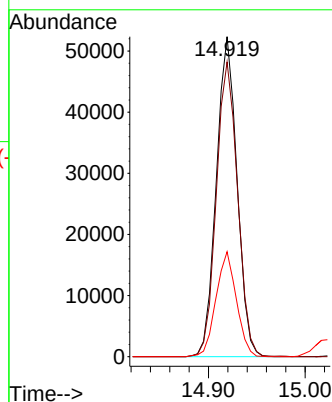
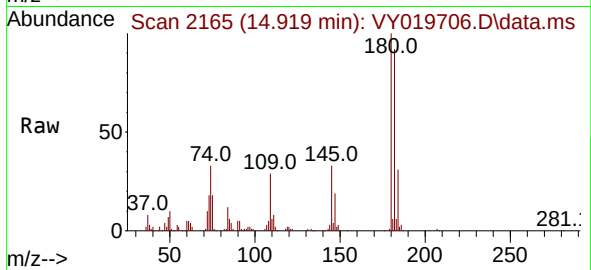
Tgt Ion:180 Resp: 77841

Ion Ratio Lower Upper

180 100

182 94.6 47.9 143.8

145 32.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.583 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

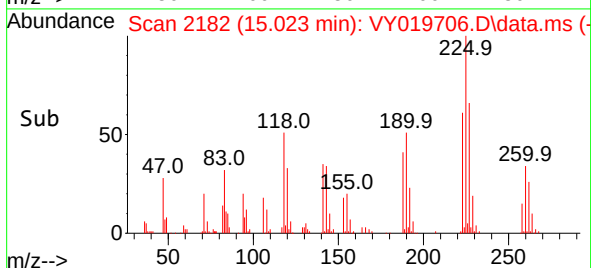
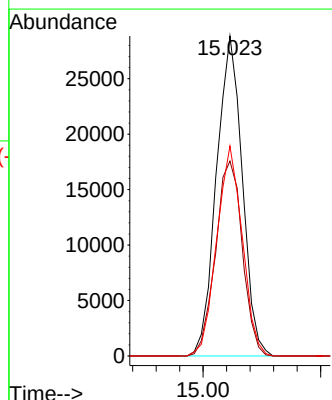
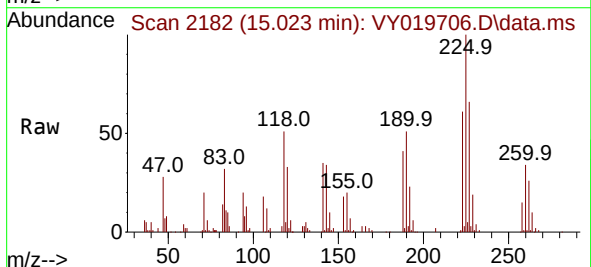
Tgt Ion:225 Resp: 44022

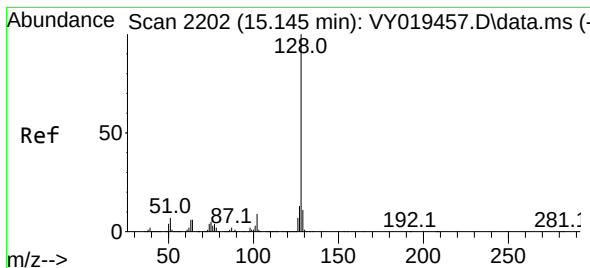
Ion Ratio Lower Upper

225 100

223 63.2 30.4 91.2

227 65.0 31.9 95.9





#95

Naphthalene

Concen: 18.534 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

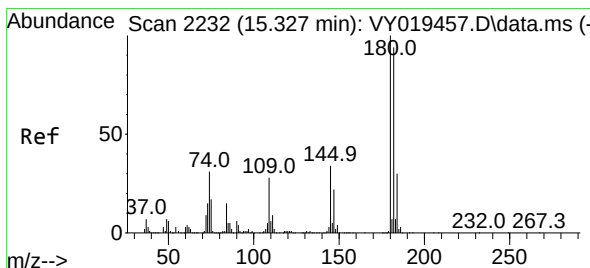
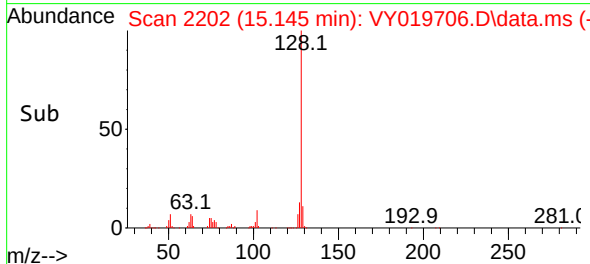
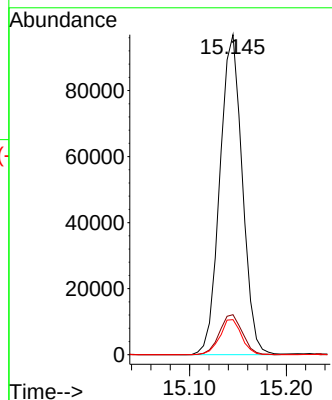
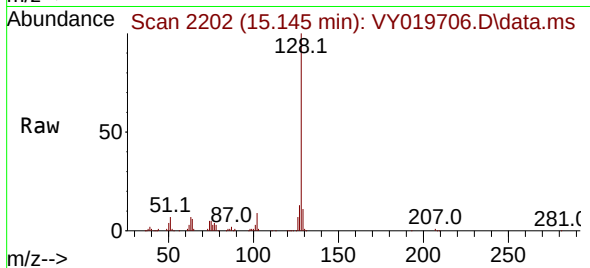
Tgt Ion:128 Resp: 156182

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.771 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019706.D

Acq: 26 Sep 2024 12:15

Tgt Ion:180 Resp: 67563

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.9

145 34.0 15.4 46.1

