

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
 Data File : VY022185.D
 Acq On : 07 May 2025 11:20
 Operator : SY/MD
 Sample : VY0507SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

Quant Time: May 08 01:41:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	226965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	353826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	324031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	174367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114004	54.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.760%	
35) Dibromofluoromethane	7.634	113	121518	51.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.960%	
50) Toluene-d8	10.103	98	468642	53.179	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.360%	
62) 4-Bromofluorobenzene	12.402	95	155630	52.459	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	36852	19.055	ug/l	99
3) Chloromethane	2.062	50	64032	23.253	ug/l	100
4) Vinyl Chloride	2.202	62	75817	22.405	ug/l	100
5) Bromomethane	2.592	94	67571	23.177	ug/l	99
6) Chloroethane	2.733	64	51451	22.325	ug/l	95
7) Trichlorofluoromethane	3.050	101	90272	20.230	ug/l	95
8) Diethyl Ether	3.458	74	23825	20.513	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.812	101	50618	20.911	ug/l	98
10) Methyl Iodide	4.001	142	52806	18.842	ug/l	100
11) Tert butyl alcohol	4.872	59	11461	99.581	ug/l	98
12) 1,1-Dichloroethene	3.787	96	44979	19.935	ug/l	95
13) Acrolein	3.659	56	9421	45.607	ug/l	99
14) Allyl chloride	4.379	41	55499	21.125	ug/l	98
15) Acrylonitrile	5.061	53	43621	102.592	ug/l	98
16) Acetone	3.879	43	33560	110.370	ug/l	100
17) Carbon Disulfide	4.104	76	141026	19.603	ug/l	100
18) Methyl Acetate	4.385	43	21438	21.891	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	101114	20.023	ug/l	96
20) Methylene Chloride	4.610	84	54837	20.686	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	51055	20.205	ug/l	97
22) Diisopropyl ether	6.019	45	128176	21.923	ug/l	98
23) Vinyl Acetate	5.964	43	331502	105.209	ug/l	98
24) 1,1-Dichloroethane	5.915	63	85647	21.134	ug/l	99
25) 2-Butanone	6.903	43	50025	104.683	ug/l	98
26) 2,2-Dichloropropane	6.884	77	76511	21.541	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	57625	20.395	ug/l	97
28) Bromochloromethane	7.244	49	34838	22.132	ug/l	94
29) Tetrahydrofuran	7.268	42	31869	102.681	ug/l	97
30) Chloroform	7.421	83	96288	21.420	ug/l	99
31) Cyclohexane	7.701	56	68876	19.874	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	85924	21.128	ug/l	98
36) 1,1-Dichloropropene	7.835	75	65198	20.764	ug/l	98
37) Ethyl Acetate	6.982	43	23470	20.812	ug/l	99
38) Carbon Tetrachloride	7.817	117	77307	20.604	ug/l	98
39) Methylcyclohexane	9.110	83	76426	19.341	ug/l	92
40) Benzene	8.079	78	207209	21.111	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	12634	20.494	ug/l #	94
42) 1,2-Dichloroethane	8.159	62	52744	21.704	ug/l	99
43) Isopropyl Acetate	8.195	43	45976	21.229	ug/l	98
44) Trichloroethene	8.866	130	55608	20.454	ug/l	92
45) 1,2-Dichloropropane	9.140	63	47995	22.111	ug/l	100
46) Dibromomethane	9.231	93	28739	21.150	ug/l	96
47) Bromodichloromethane	9.420	83	73209	21.567	ug/l	96
48) Methyl methacrylate	9.219	41	20157	20.133	ug/l	98
49) 1,4-Dioxane	9.231	88	5580	385.291	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	120332	105.993	ug/l	96
52) Toluene	10.170	92	135093	21.262	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	59964	20.595	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	72358	20.906	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	38475	21.198	ug/l	98
56) Ethyl methacrylate	10.439	69	40007	19.275	ug/l	95
57) 1,3-Dichloropropane	10.713	76	62418	21.451	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	101905	100.416	ug/l	98
59) 2-Hexanone	10.762	43	77979	104.136	ug/l	93
60) Dibromochloromethane	10.914	129	51288	20.410	ug/l	96
61) 1,2-Dibromoethane	11.012	107	35069	20.466	ug/l	100
64) Tetrachloroethene	10.646	164	62857	20.563	ug/l	97
65) Chlorobenzene	11.438	112	151916	20.965	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	53439	20.948	ug/l	99
67) Ethyl Benzene	11.518	91	239276	20.186	ug/l	100
68) m/p-Xylenes	11.627	106	193773	41.082	ug/l	99
69) o-Xylene	11.957	106	87044	20.022	ug/l	99
70) Styrene	11.969	104	147189	20.164	ug/l	97
71) Bromoform	12.133	173	29974	20.209	ug/l #	100
73) Isopropylbenzene	12.255	105	228052	19.576	ug/l	100
74) N-amyl acetate	12.072	43	38747	19.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	40162	20.448	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	52760	35.325	ug/l #	100
77) Bromobenzene	12.530	156	58737	19.954	ug/l	98
78) n-propylbenzene	12.597	91	282603	20.370	ug/l	99
79) 2-Chlorotoluene	12.676	91	166668	20.657	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	194228	20.235	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12933	20.853	ug/l	98
82) 4-Chlorotoluene	12.780	91	174331	20.786	ug/l	100
83) tert-Butylbenzene	12.999	119	169223	19.658	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	195852	20.400	ug/l	100
85) sec-Butylbenzene	13.176	105	255090	20.250	ug/l	100
86) p-Isopropyltoluene	13.292	119	213862	19.993	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	119506	19.989	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	121346	20.493	ug/l	99
89) n-Butylbenzene	13.615	91	188093	19.673	ug/l	99
90) Hexachloroethane	13.877	117	48997	20.848	ug/l	96
91) 1,2-Dichlorobenzene	13.658	146	106702	20.462	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6159	19.710	ug/l	87
93) 1,2,4-Trichlorobenzene	14.919	180	53015	17.941	ug/l	97
94) Hexachlorobutadiene	15.023	225	34174	18.797	ug/l	99
95) Naphthalene	15.145	128	80026	16.303	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	45963	18.019	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

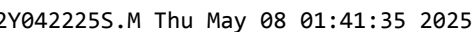
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

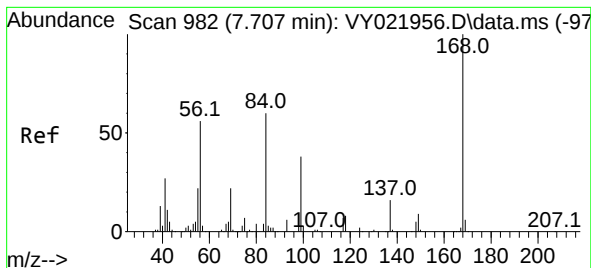
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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

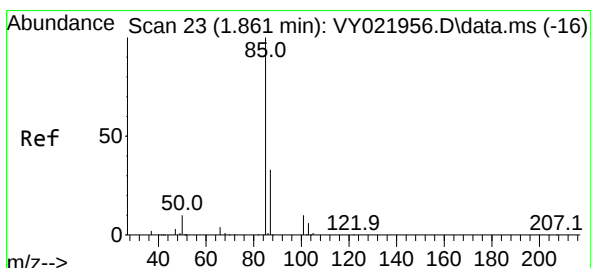
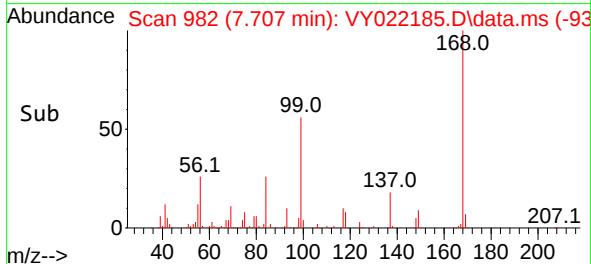
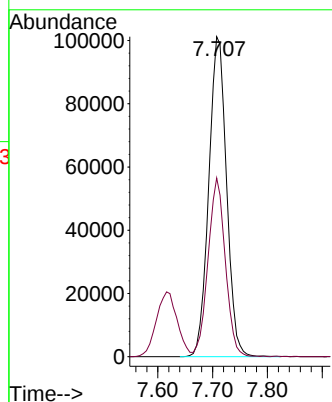
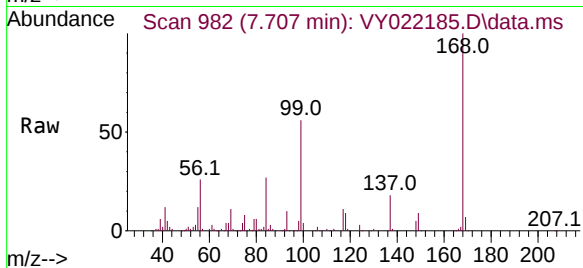
VY0507SBSD01

Tgt Ion:168 Resp: 226965

Ion Ratio Lower Upper

168 100

99 55.8 43.1 64.7



#2

Dichlorodifluoromethane

Concen: 19.055 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY022185.D

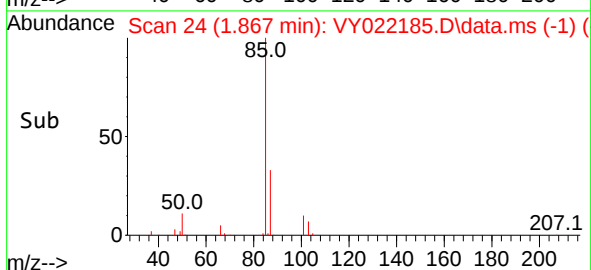
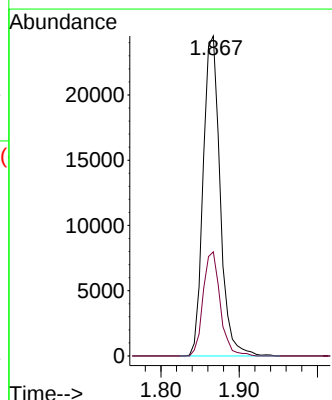
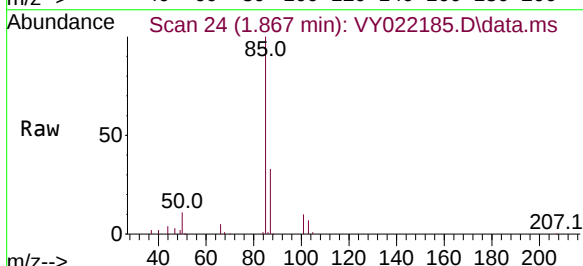
Acq: 07 May 2025 11:20

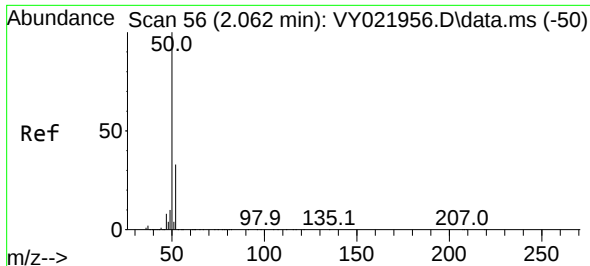
Tgt Ion: 85 Resp: 36852

Ion Ratio Lower Upper

85 100

87 32.5 16.6 49.7

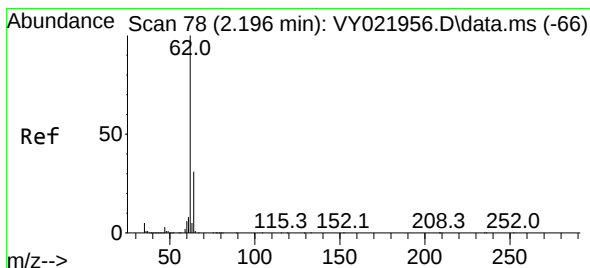
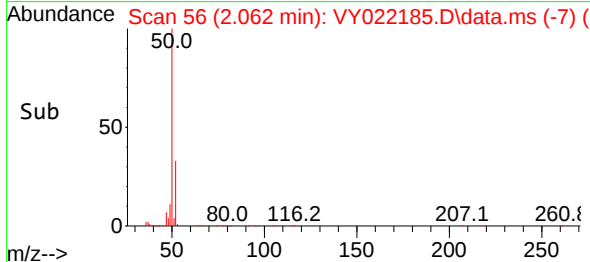
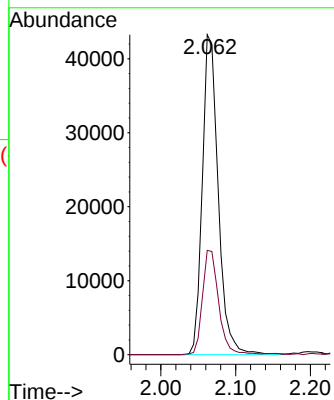
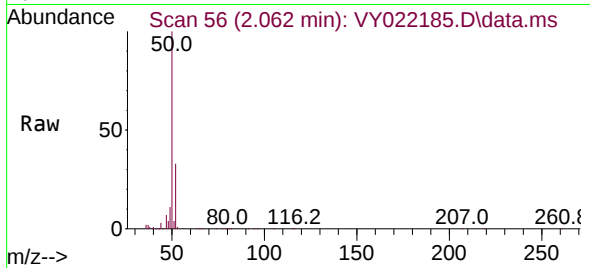




#3
Chloromethane
Concen: 23.253 ug/l
RT: 2.062 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

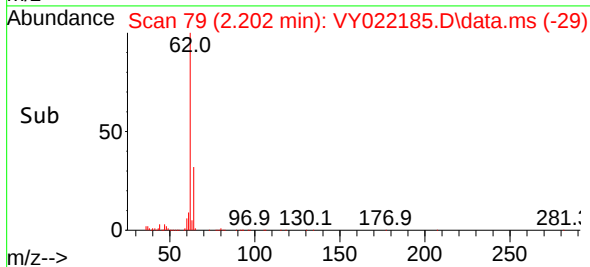
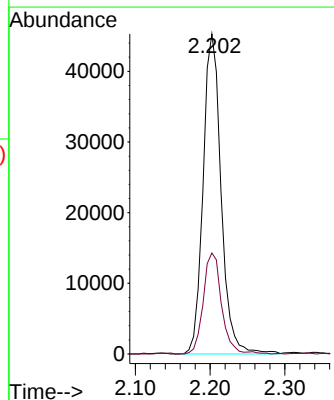
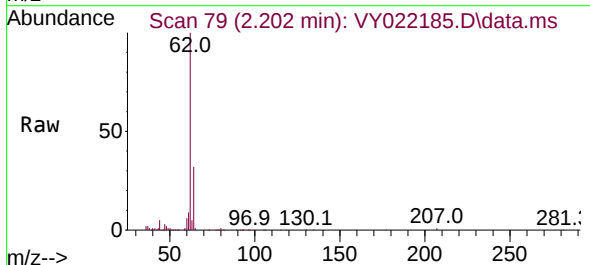
Instrument :
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ClientSampleId :
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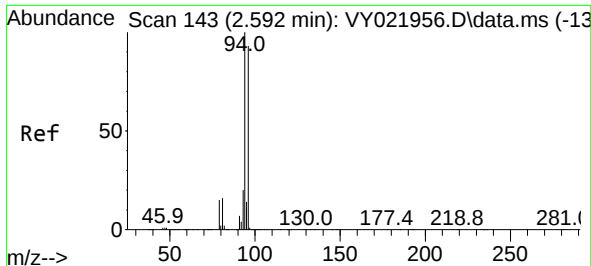
Tgt Ion: 50 Resp: 64032
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1



#4
Vinyl Chloride
Concen: 22.405 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 62 Resp: 75817
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7

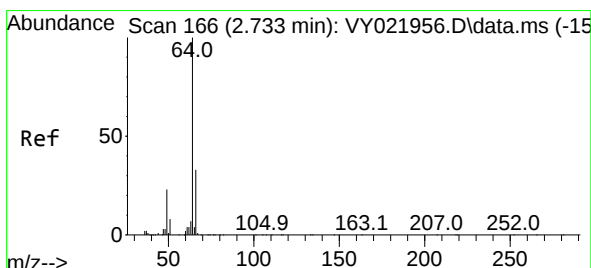
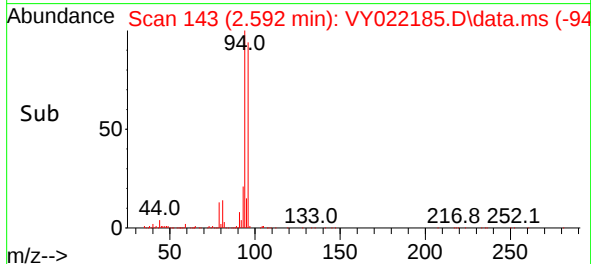
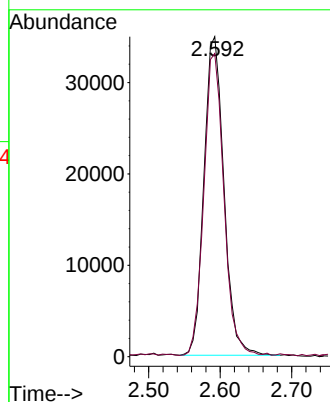
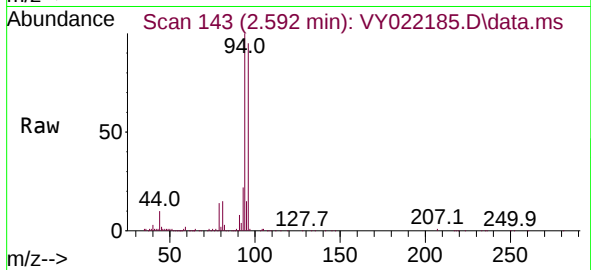




#5
Bromomethane
Concen: 23.177 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

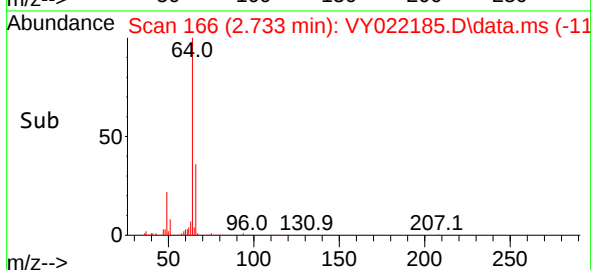
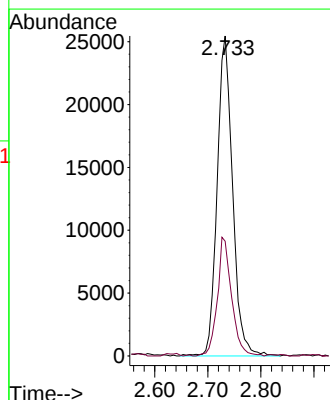
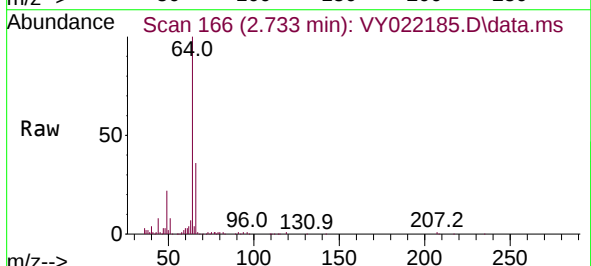
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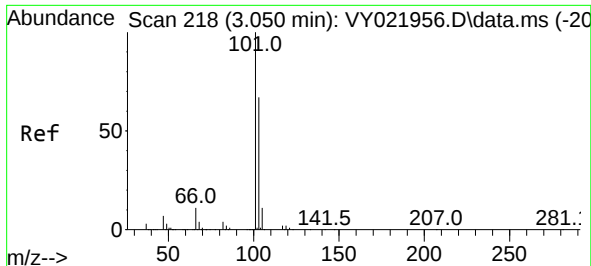
Tgt Ion: 94 Resp: 67571
Ion Ratio Lower Upper
94 100
96 94.4 74.6 111.8



#6
Chloroethane
Concen: 22.325 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 64 Resp: 51451
Ion Ratio Lower Upper
64 100
66 35.6 26.2 39.4

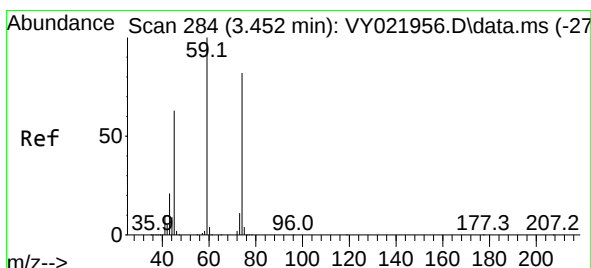
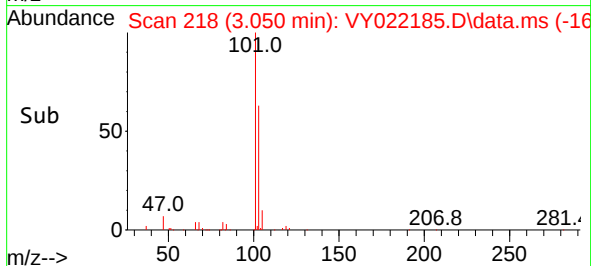
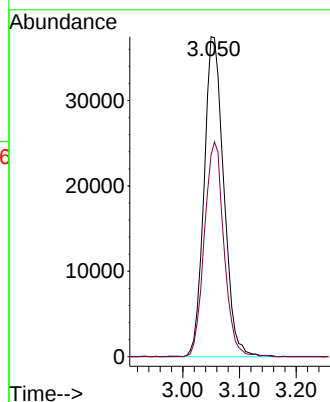
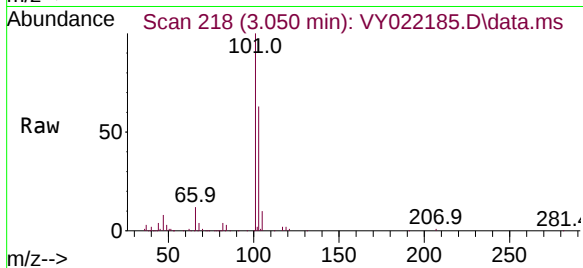




#7
Trichlorofluoromethane
Concen: 20.230 ug/l
RT: 3.050 min Scan# 218
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

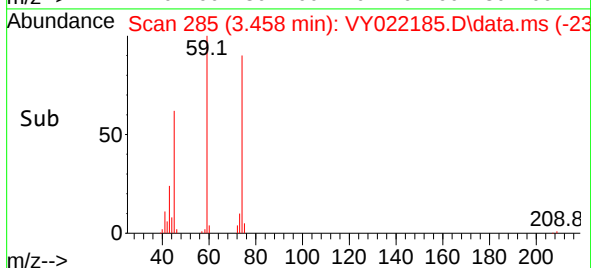
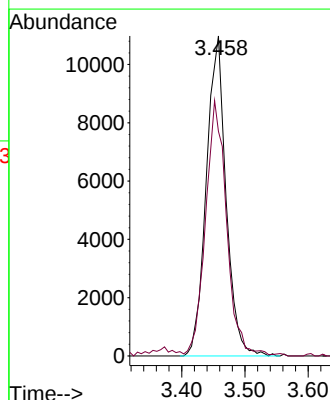
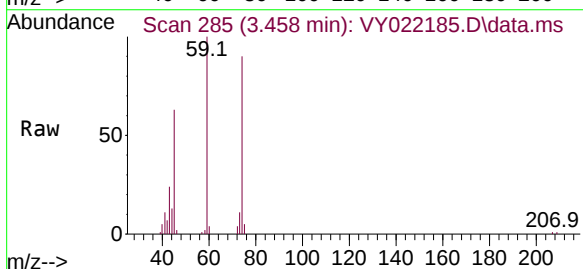
Instrument :
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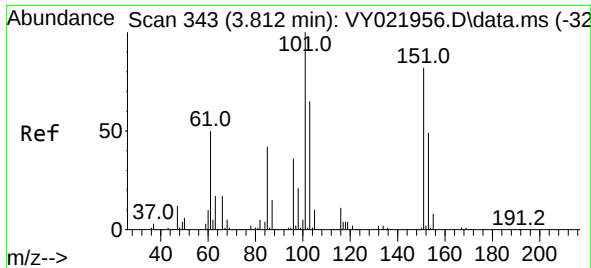
Tgt Ion:101 Resp: 90272
Ion Ratio Lower Upper
101 100
103 63.0 53.6 80.4



#8
Diethyl Ether
Concen: 20.513 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 74 Resp: 23825
Ion Ratio Lower Upper
74 100
45 84.0 39.1 117.5

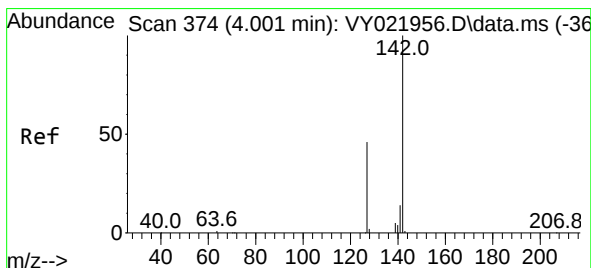
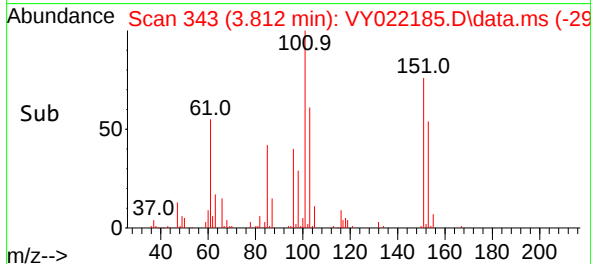
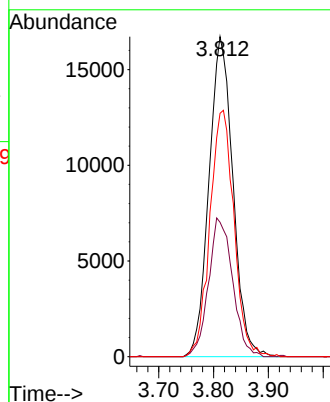
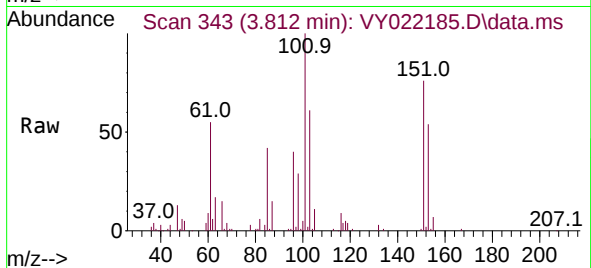




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.911 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

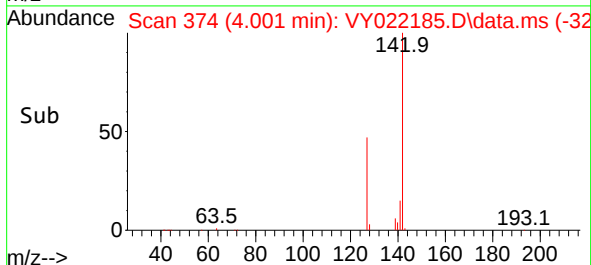
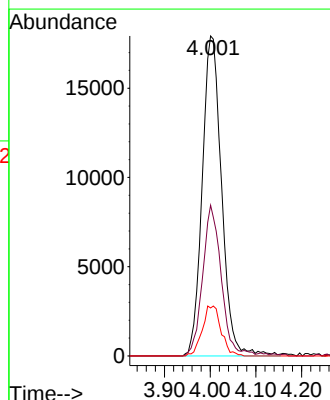
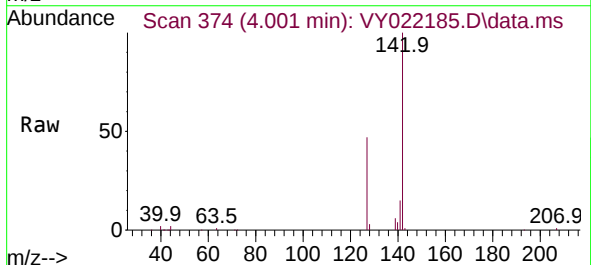
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

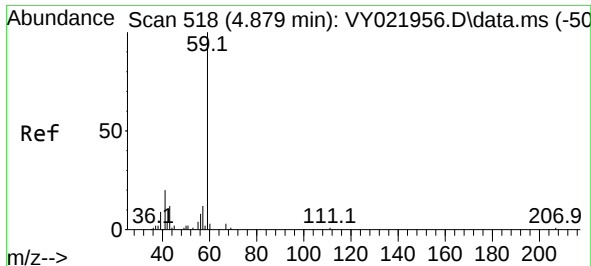
Tgt Ion:	101	Resp:	50618
Ion	Ratio	Lower	Upper
101	100		
85	43.7	34.6	51.8
151	77.6	63.7	95.5



#10
Methyl Iodide
Concen: 18.842 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion:	142	Resp:	52806
Ion	Ratio	Lower	Upper
142	100		
127	45.2	36.2	54.2
141	15.1	11.7	17.5

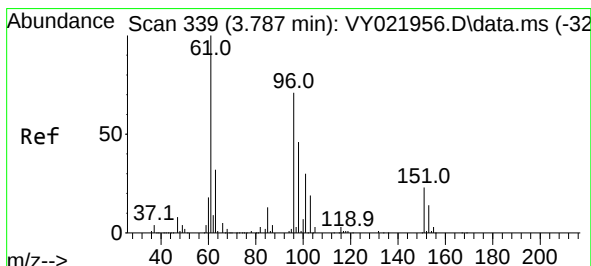
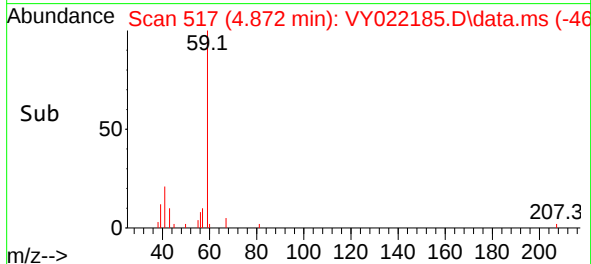
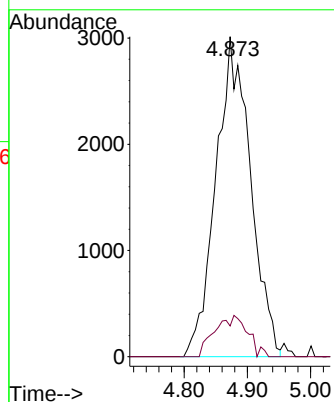
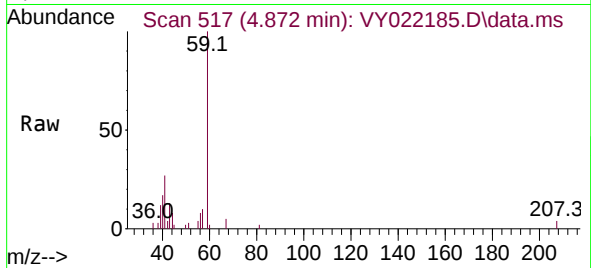




#11
Tert butyl alcohol
Concen: 99.581 ug/l
RT: 4.872 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

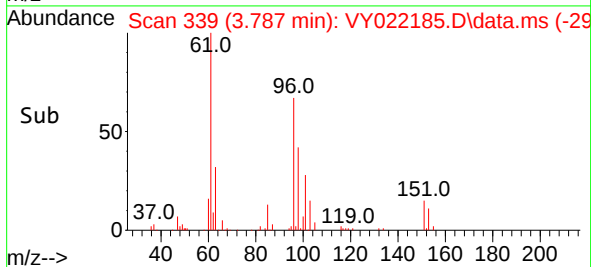
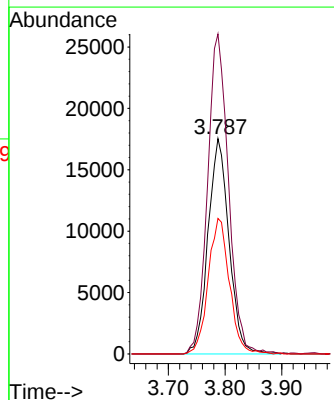
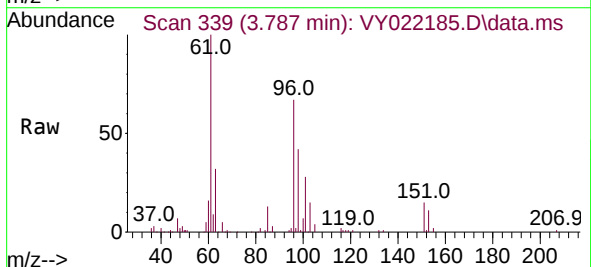
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

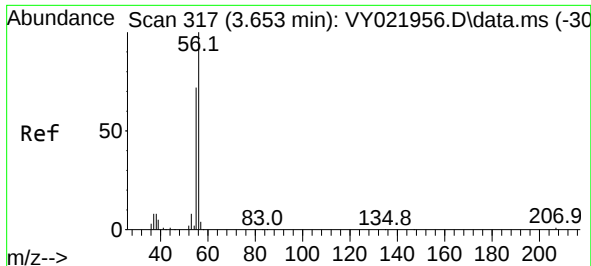
Tgt Ion: 59 Resp: 11461
Ion Ratio Lower Upper
59 100
57 12.4 9.3 13.9



#12
1,1-Dichloroethene
Concen: 19.935 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 96 Resp: 44979
Ion Ratio Lower Upper
96 100
61 148.6 113.0 169.4
98 62.9 51.4 77.2

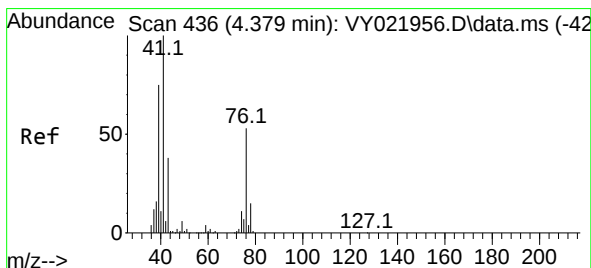
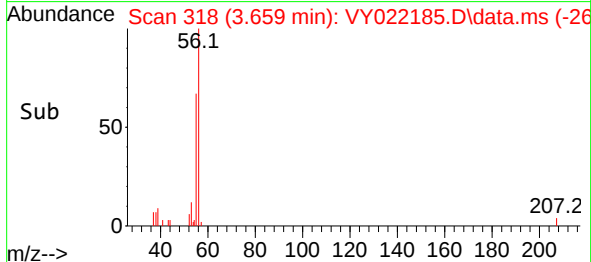
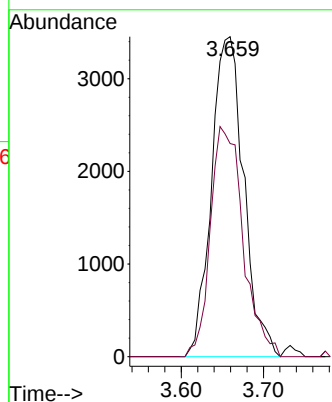
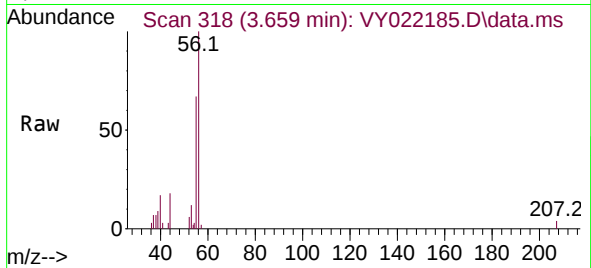




#13
Acrolein
Concen: 45.607 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

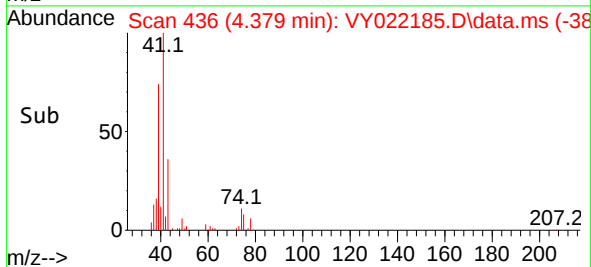
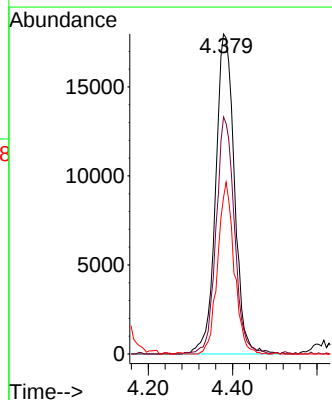
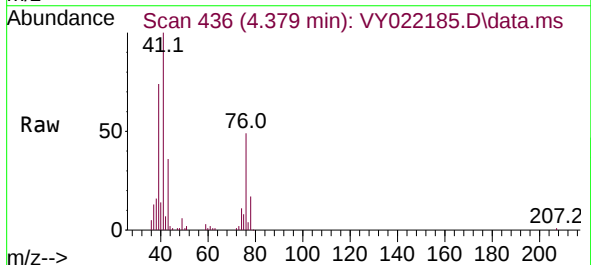
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

Tgt Ion: 56 Resp: 9421
Ion Ratio Lower Upper
56 100
55 72.7 57.4 86.0



#14
Allyl chloride
Concen: 21.125 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 41 Resp: 55499
Ion Ratio Lower Upper
41 100
39 72.0 57.2 85.8
76 47.3 39.7 59.5

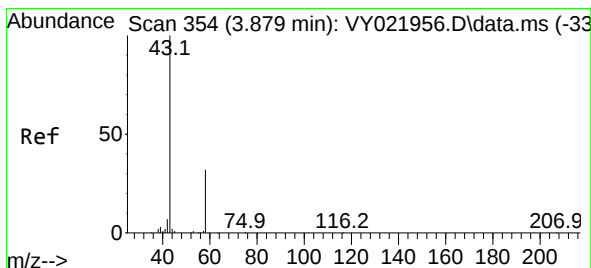
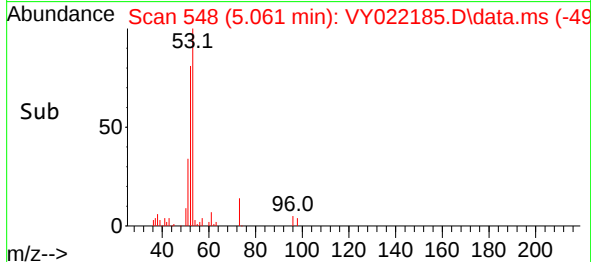
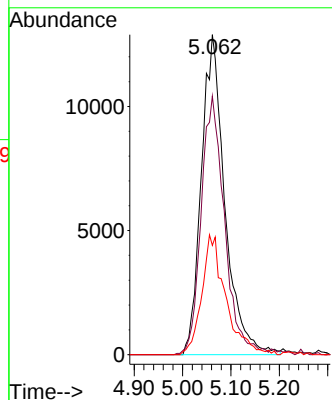
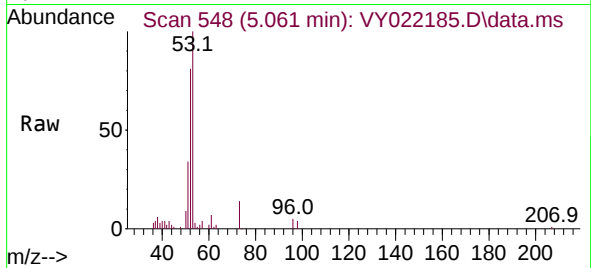




#15
Acrylonitrile
Concen: 102.592 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

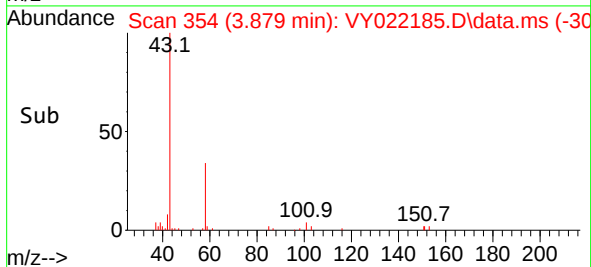
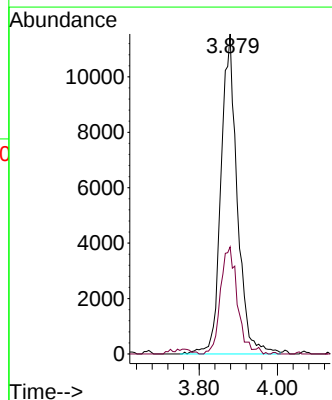
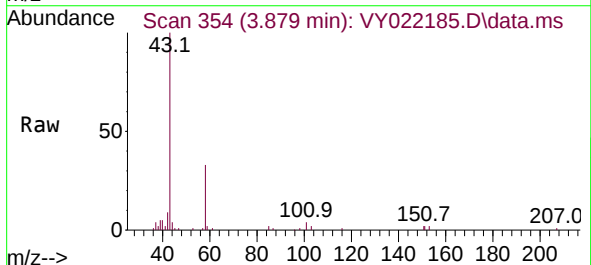
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

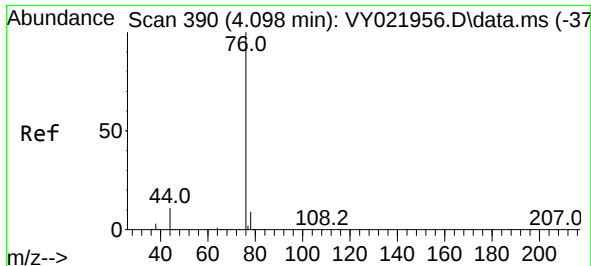
Tgt Ion:	53	Resp:	43621
Ion	Ratio	Lower	Upper
53	100		
52	80.1	65.0	97.6
51	38.4	28.9	43.3



#16
Acetone
Concen: 110.370 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion:	43	Resp:	33560
Ion	Ratio	Lower	Upper
43	100		
58	33.4	27.0	40.4

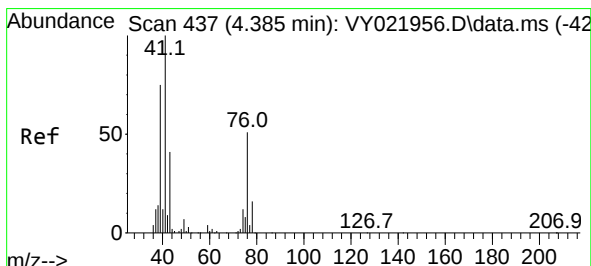
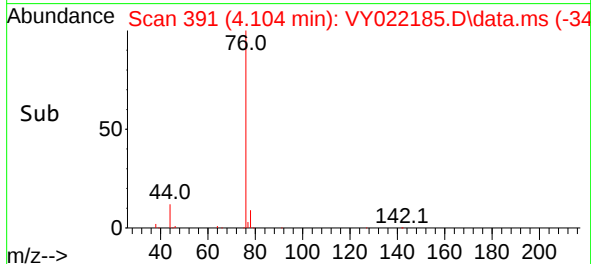
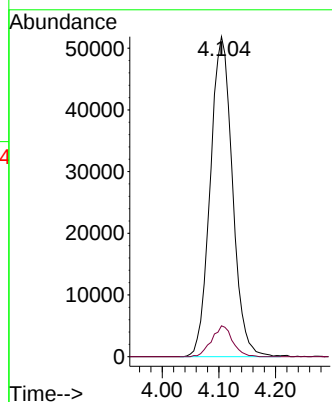
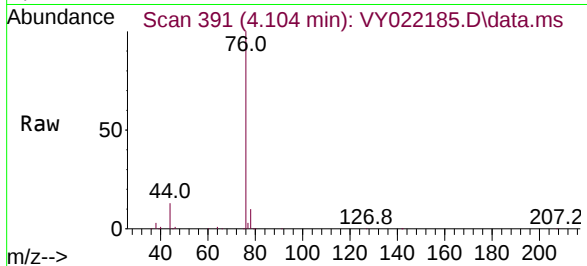




#17
Carbon Disulfide
Concen: 19.603 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

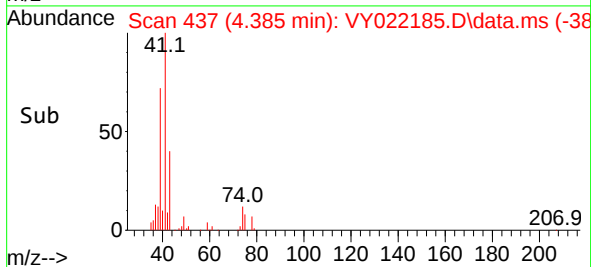
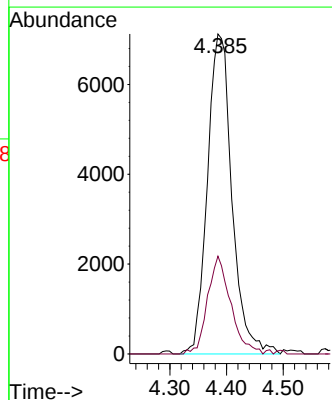
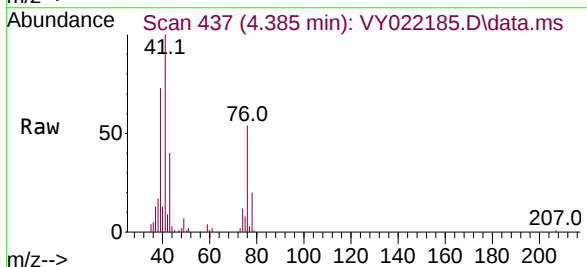
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

Tgt Ion: 76 Resp: 141026
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4



#18
Methyl Acetate
Concen: 21.891 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 43 Resp: 21438
Ion Ratio Lower Upper
43 100
74 28.8 24.2 36.4





#19

Methyl tert-butyl Ether

Concen: 20.023 ug/l

RT: 5.116 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

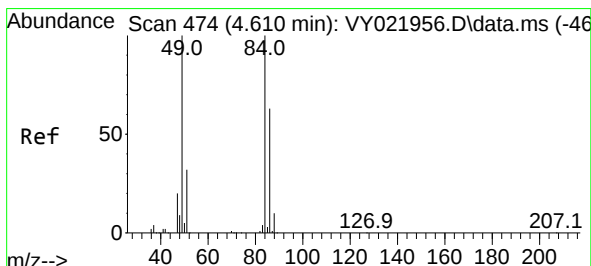
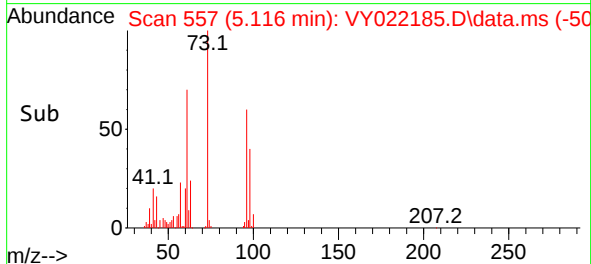
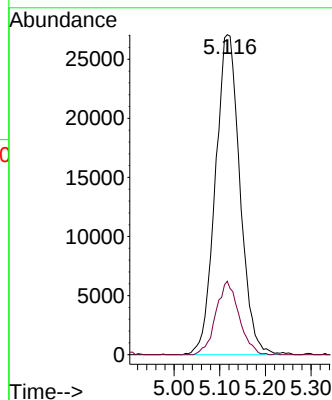
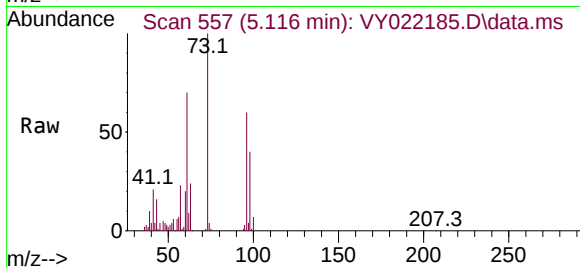
VY0507SBSD01

Tgt Ion: 73 Resp: 101114

Ion Ratio Lower Upper

73 100

57 23.0 16.9 25.3



#20

Methylene Chloride

Concen: 20.686 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Tgt Ion: 84 Resp: 54837

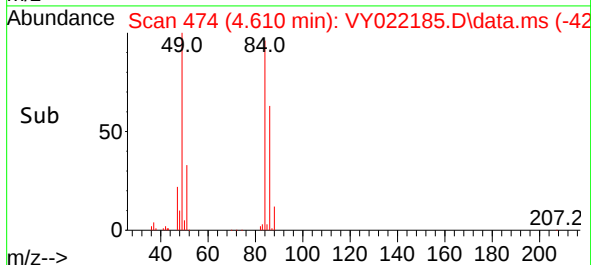
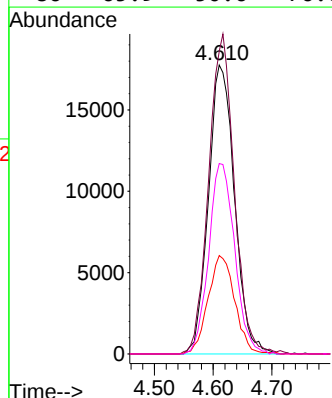
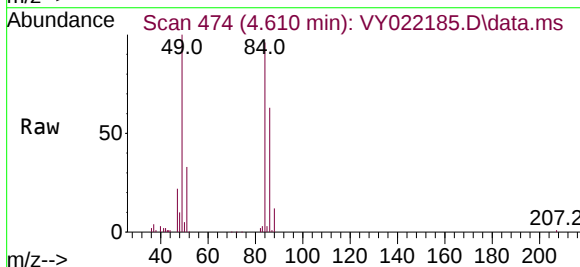
Ion Ratio Lower Upper

84 100

49 104.7 79.9 119.9

51 34.1 25.4 38.0

86 65.9 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 20.205 ug/l

RT: 5.116 min Scan# 510

Delta R.T. 0.012 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

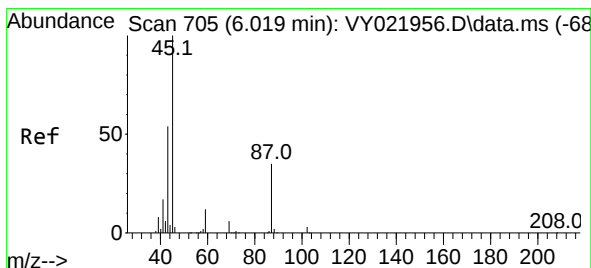
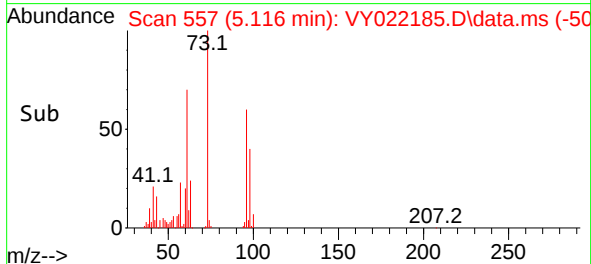
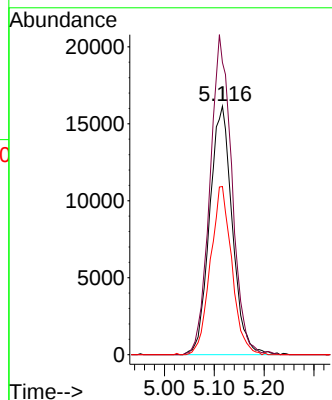
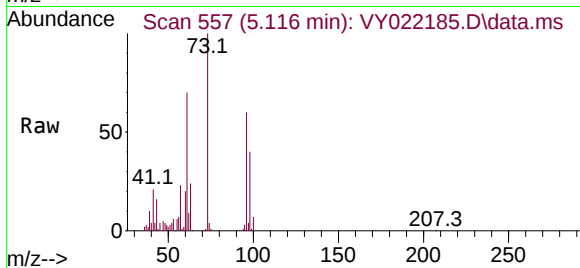
Tgt Ion: 96 Resp: 51055

Ion Ratio Lower Upper

96 100

61 117.6 92.6 138.8

98 67.6 50.2 75.4



#22

Diisopropyl ether

Concen: 21.923 ug/l

RT: 6.019 min Scan# 705

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Tgt Ion: 45 Resp: 128176

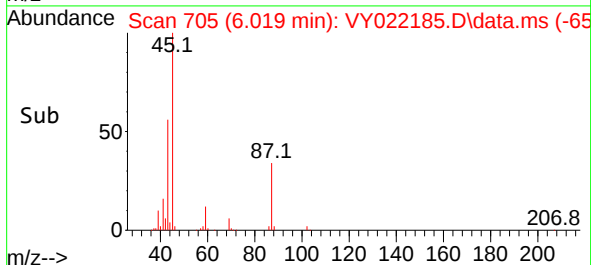
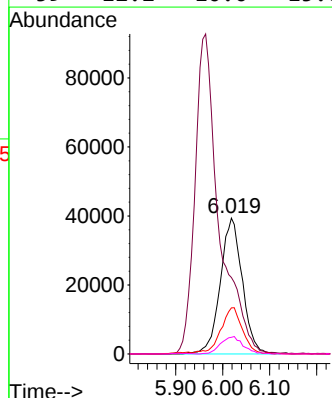
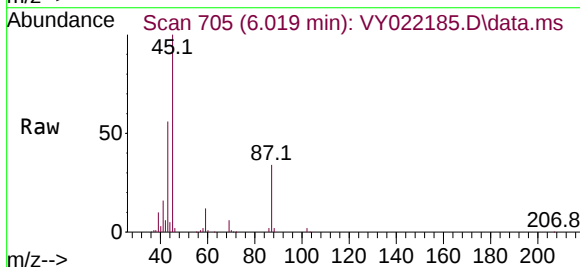
Ion Ratio Lower Upper

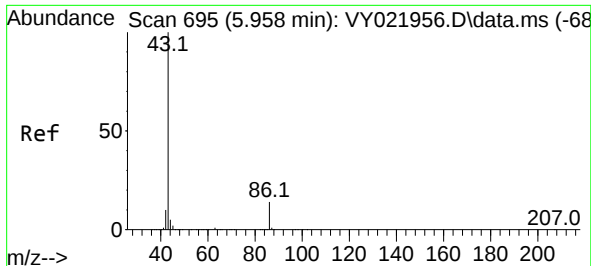
45 100

43 55.7 43.6 65.4

87 33.6 28.2 42.4

59 12.2 10.0 15.0

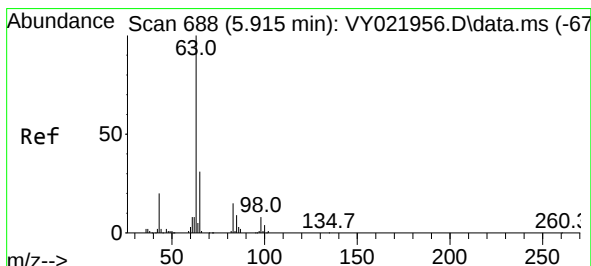
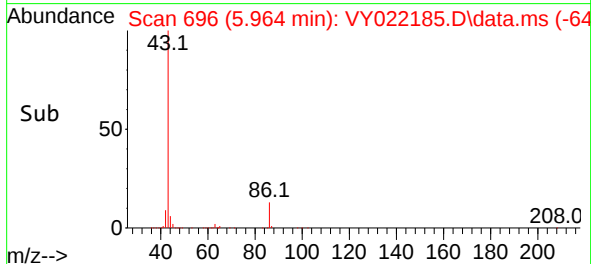
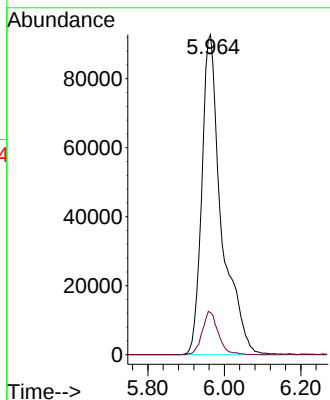
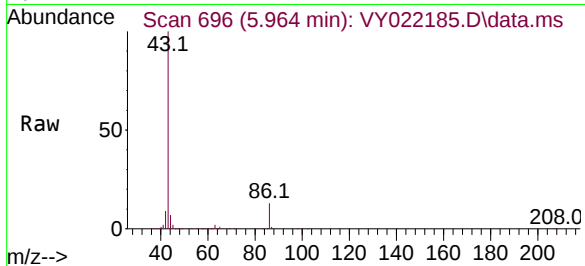




#23
 Vinyl Acetate
 Concen: 105.209 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022185.D
 Acq: 07 May 2025 11:20

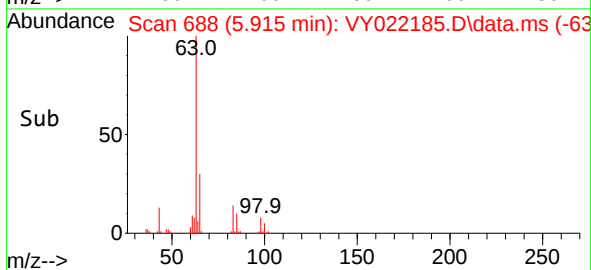
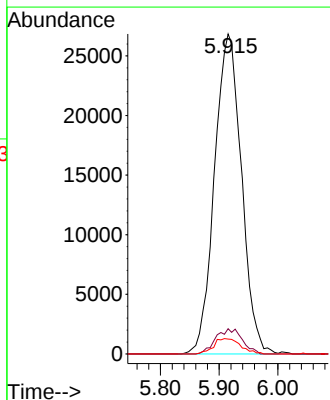
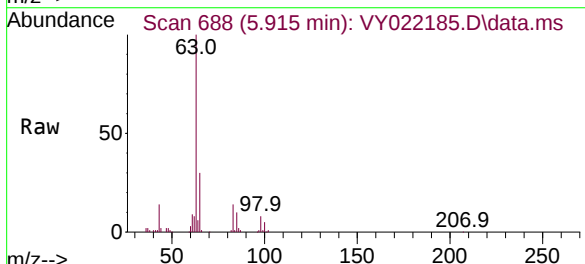
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

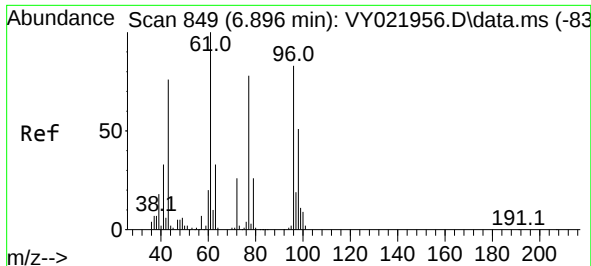
Tgt Ion: 43 Resp: 331502
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 21.134 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022185.D
 Acq: 07 May 2025 11:20

Tgt Ion: 63 Resp: 85647
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 11.9
 100 4.7 2.0 6.0





#25

2-Butanone

Concen: 104.683 ug/l

RT: 6.903 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

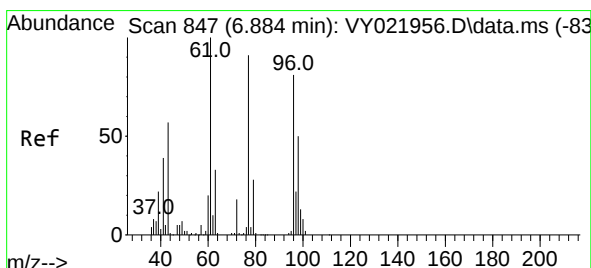
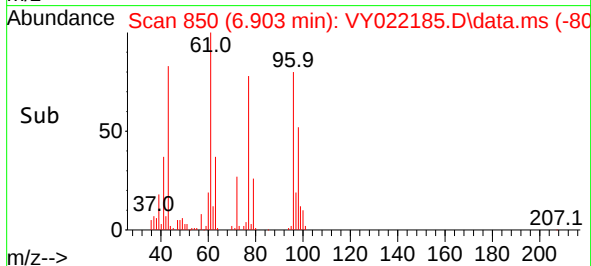
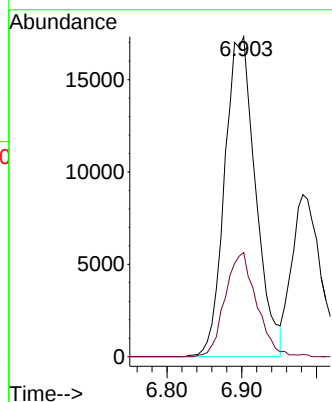
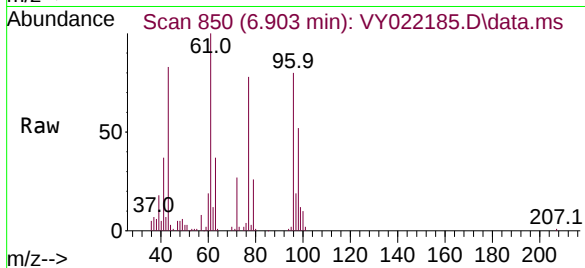
VY0507SBS01

Tgt Ion: 43 Resp: 50025

Ion Ratio Lower Upper

43 100

72 32.6 27.0 40.4



#26

2,2-Dichloropropane

Concen: 21.541 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022185.D

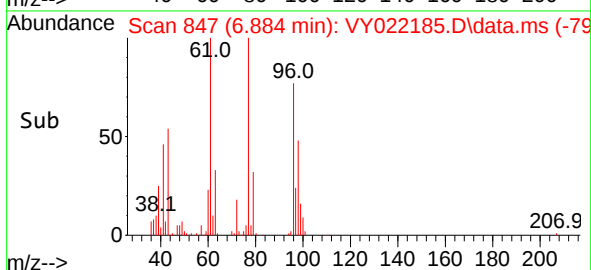
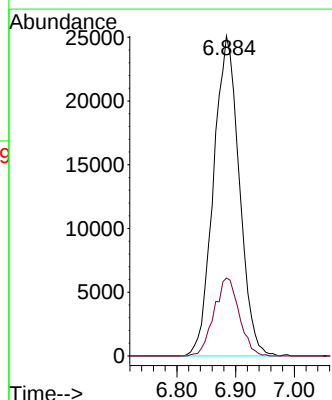
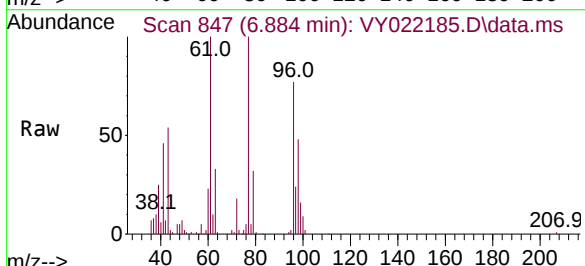
Acq: 07 May 2025 11:20

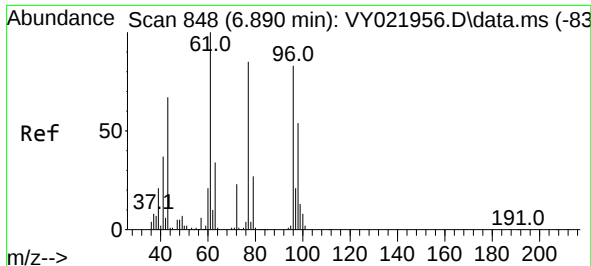
Tgt Ion: 77 Resp: 76511

Ion Ratio Lower Upper

77 100

97 23.7 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 20.395 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBSD01

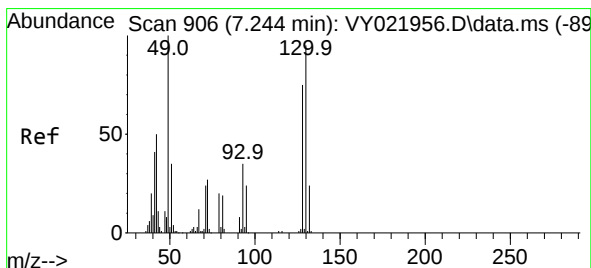
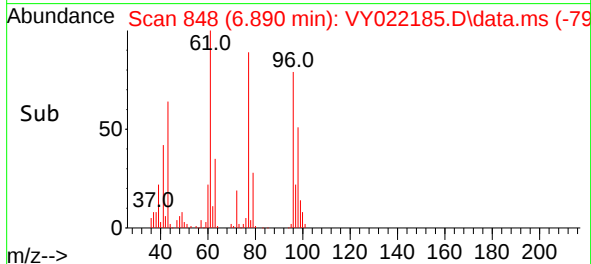
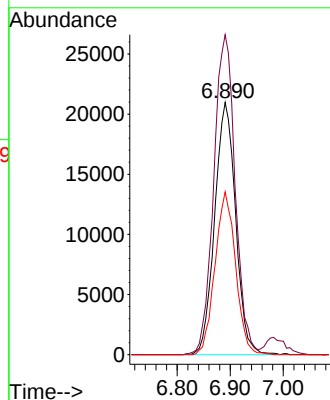
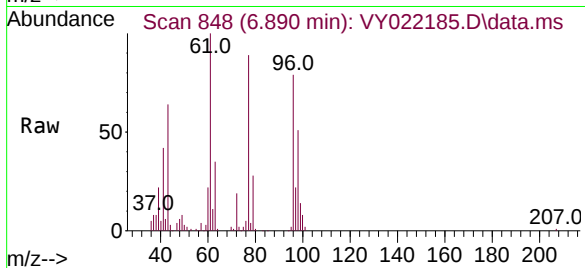
Tgt Ion: 96 Resp: 57625

Ion Ratio Lower Upper

96 100

61 129.5 0.0 251.4

98 63.4 0.0 128.4



#28

Bromochloromethane

Concen: 22.132 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

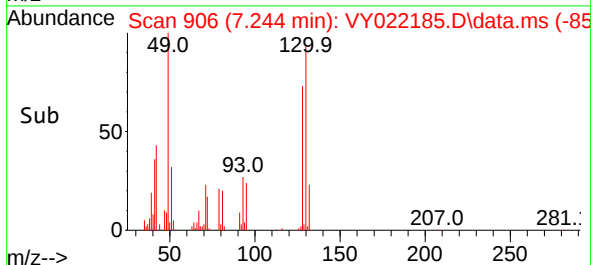
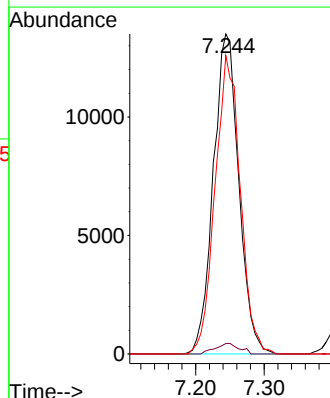
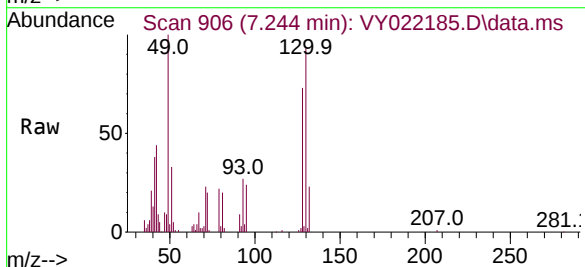
Tgt Ion: 49 Resp: 34838

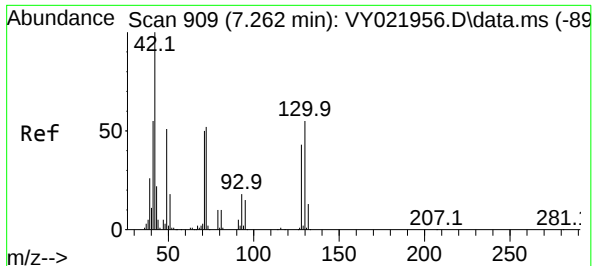
Ion Ratio Lower Upper

49 100

129 3.1 0.0 5.0

130 92.2 78.2 117.4

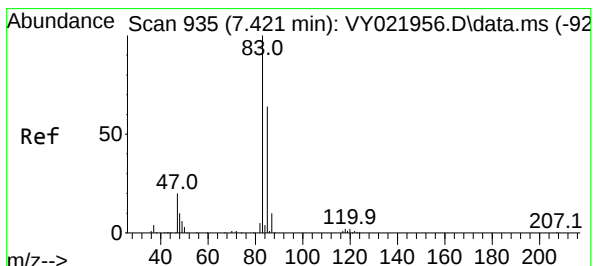
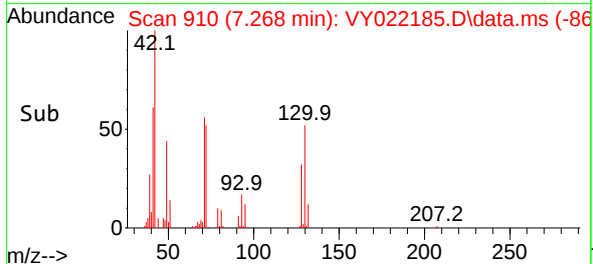
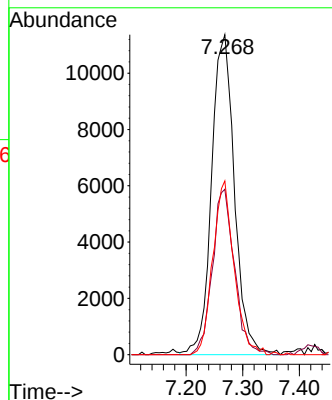
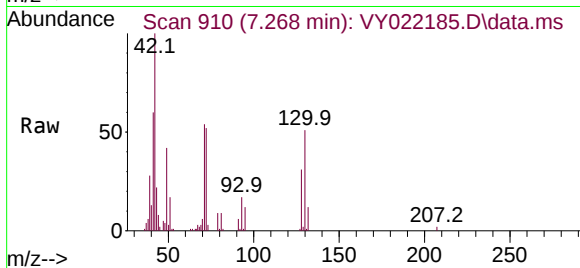




#29
Tetrahydrofuran
Concen: 102.681 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

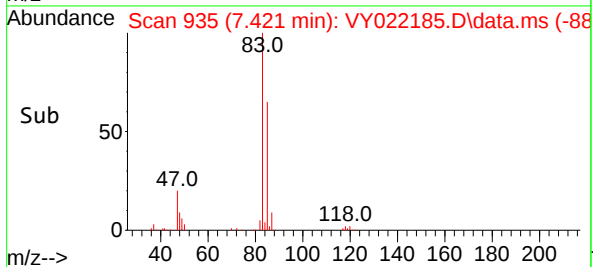
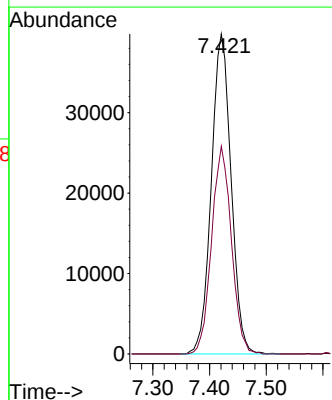
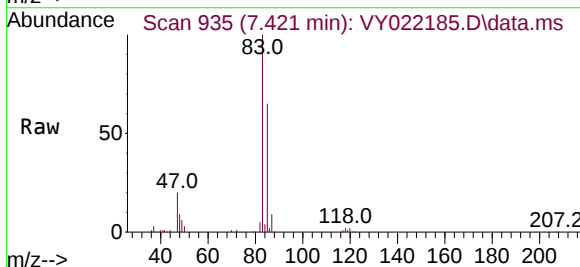
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

Tgt Ion: 42 Resp: 31869
Ion Ratio Lower Upper
42 100
72 49.9 42.6 63.8
71 50.3 40.6 61.0



#30
Chloroform
Concen: 21.420 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 83 Resp: 96288
Ion Ratio Lower Upper
83 100
85 64.9 51.3 76.9

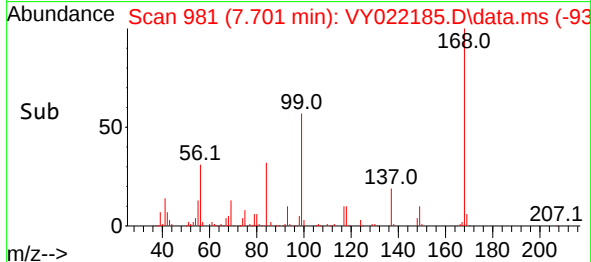
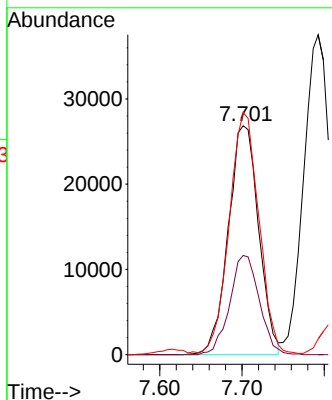
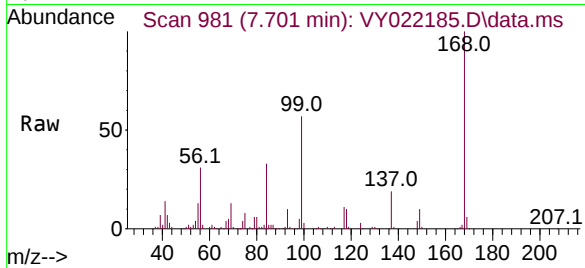




#31
Cyclohexane
Concen: 19.874 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

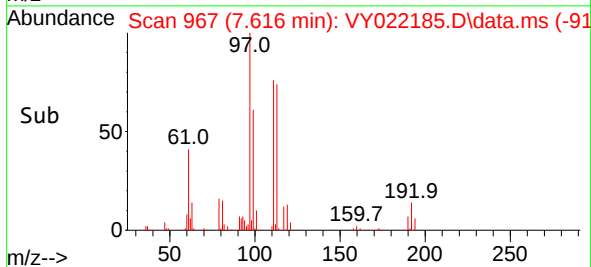
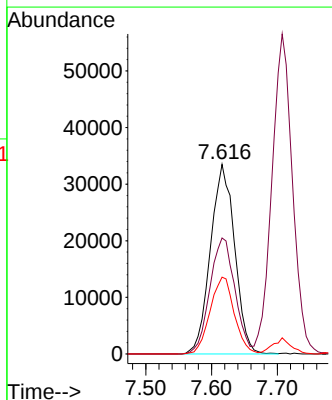
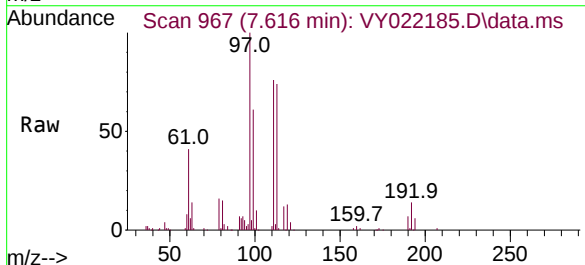
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

Tgt Ion: 56 Resp: 68876
Ion Ratio Lower Upper
56 100
69 43.3 29.4 44.2
84 103.8 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 21.128 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 97 Resp: 85924
Ion Ratio Lower Upper
97 100
99 63.0 51.4 77.2
61 40.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 54.380 ug/l

RT: 8.061 min Scan# 114004

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

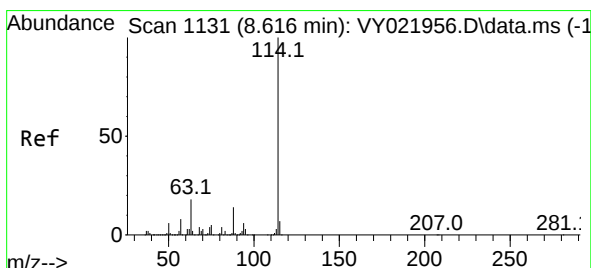
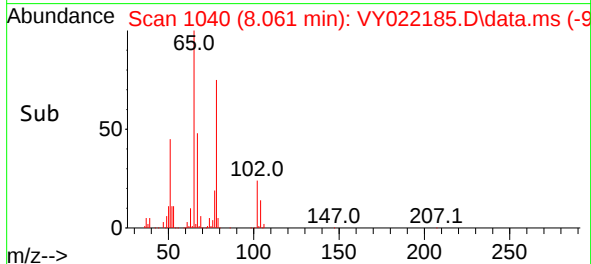
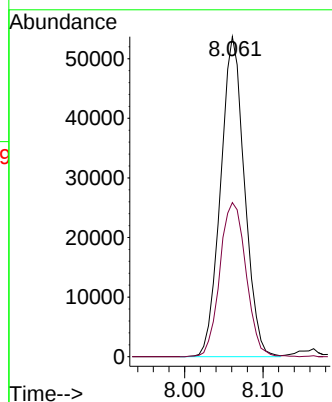
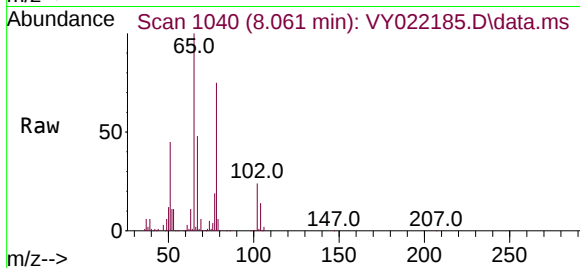
VY0507SBS01

Tgt Ion: 65 Resp: 114004

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

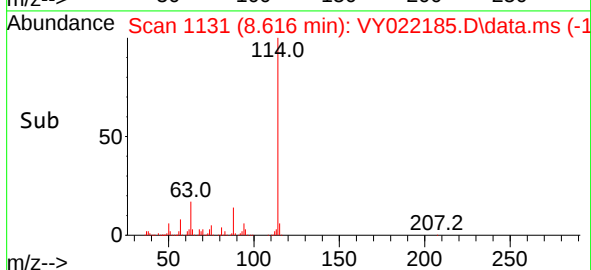
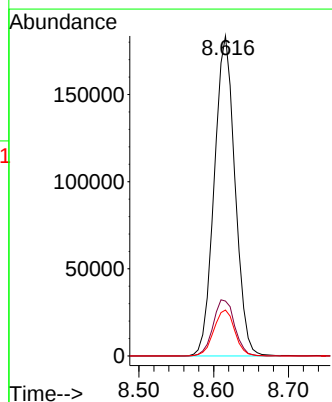
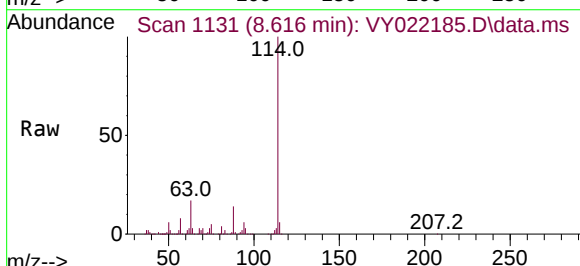
Tgt Ion: 114 Resp: 353826

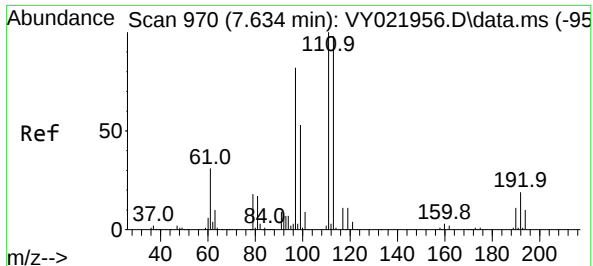
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.4

88 14.4 0.0 28.2

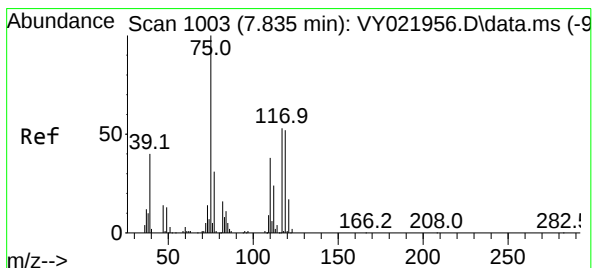
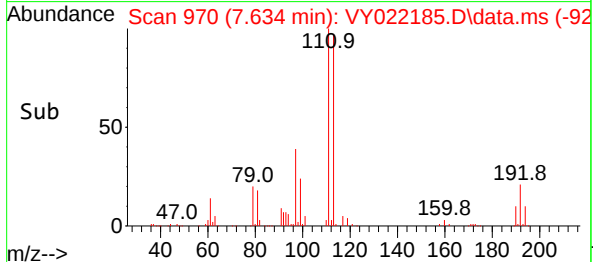
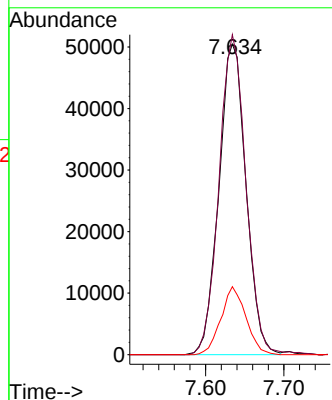
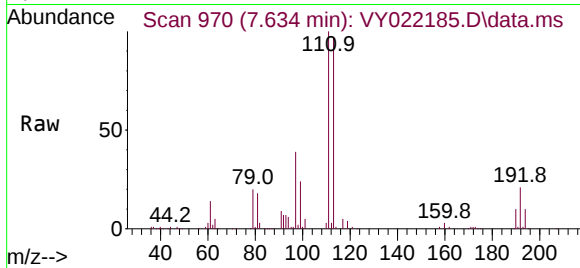




#35
Dibromofluoromethane
Concen: 51.985 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

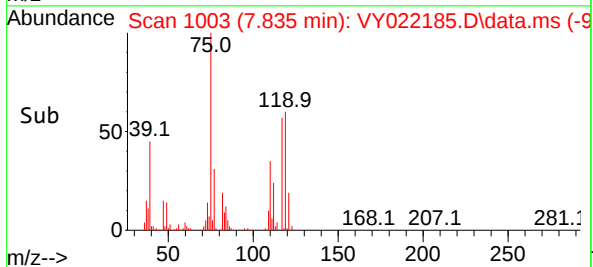
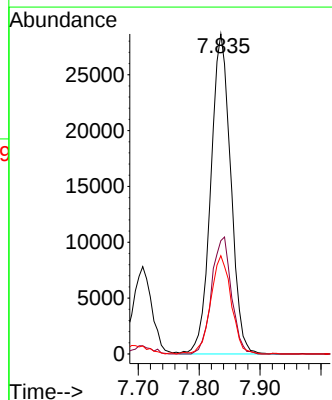
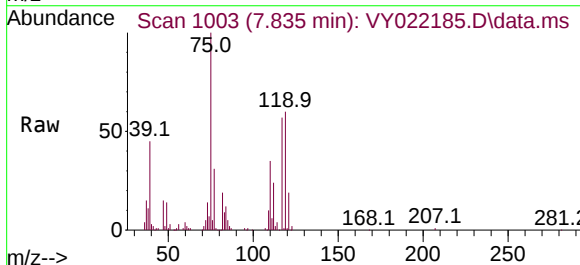
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

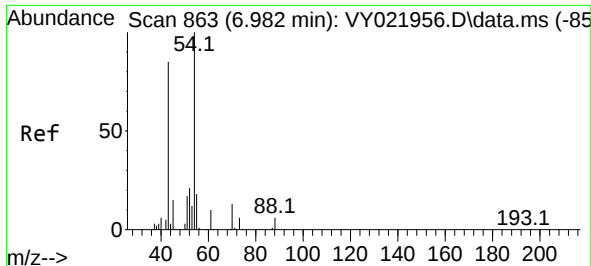
Tgt Ion:113 Resp: 121518
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 20.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 20.764 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 75 Resp: 65198
Ion Ratio Lower Upper
75 100
110 36.2 19.1 57.3
77 31.5 25.5 38.3

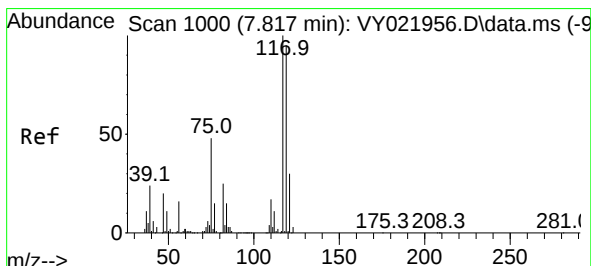
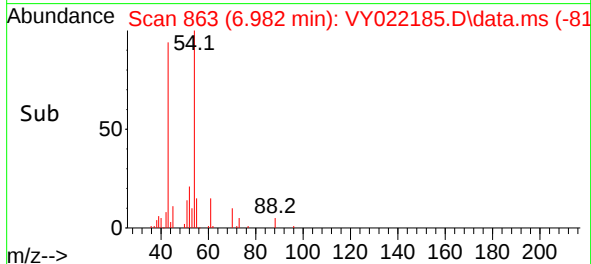
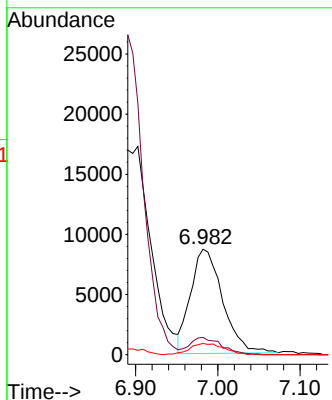
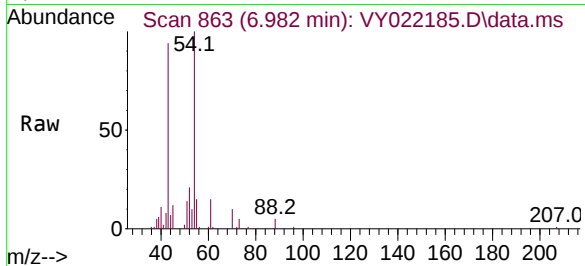




#37
Ethyl Acetate
Concen: 20.812 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

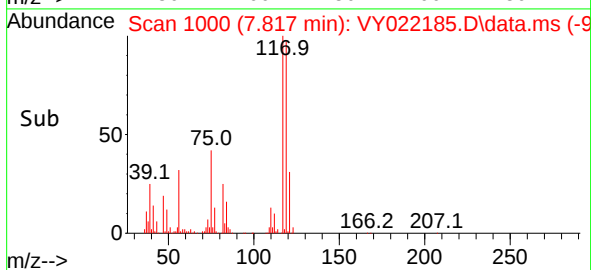
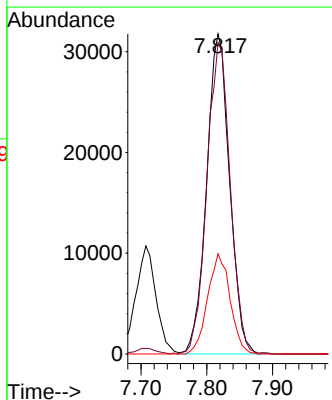
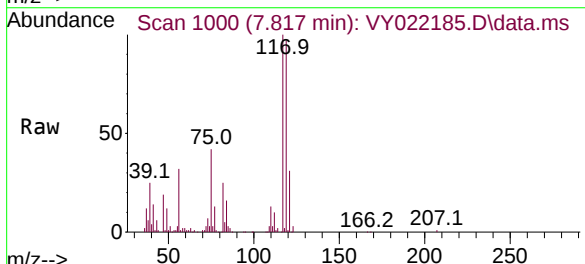
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

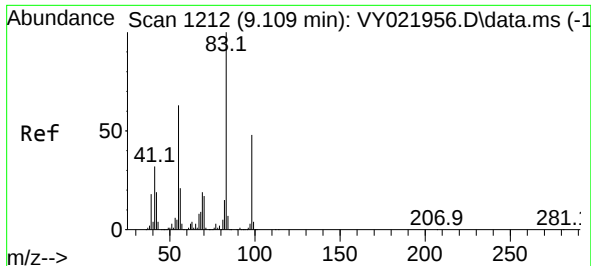
Tgt Ion: 43 Resp: 23470
Ion Ratio Lower Upper
43 100
61 16.5 13.8 20.6
70 11.4 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.604 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 117 Resp: 77307
Ion Ratio Lower Upper
117 100
119 97.3 76.2 114.4
121 31.3 24.0 36.0





#39

Methylcyclohexane

Concen: 19.341 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBSD01

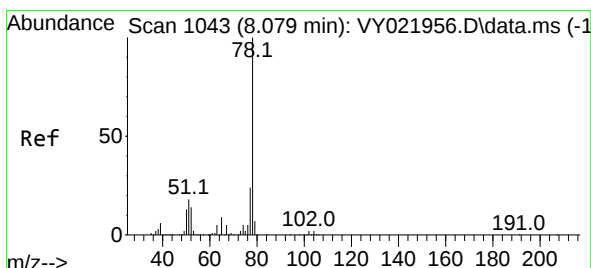
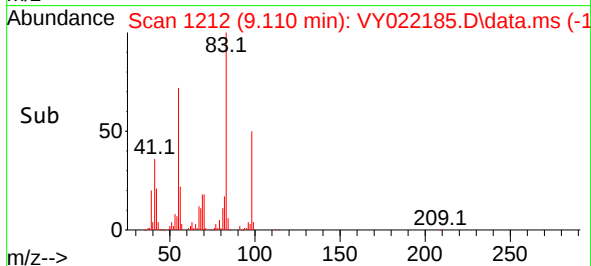
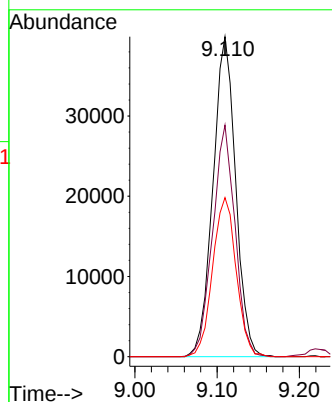
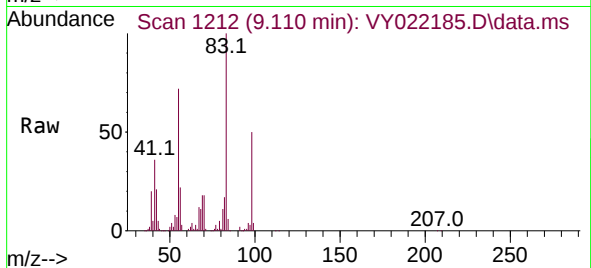
Tgt Ion: 83 Resp: 76426

Ion Ratio Lower Upper

83 100

55 72.4 50.6 75.8

98 49.7 38.6 58.0



#40

Benzene

Concen: 21.111 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022185.D

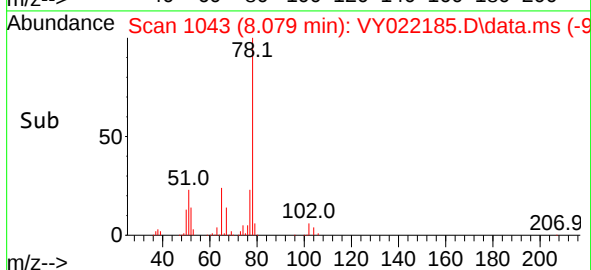
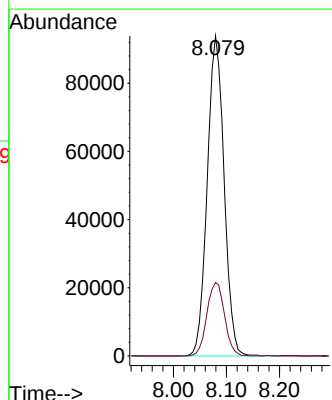
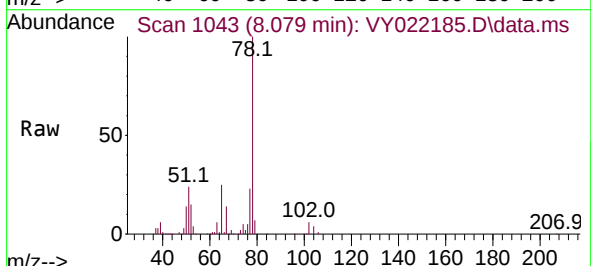
Acq: 07 May 2025 11:20

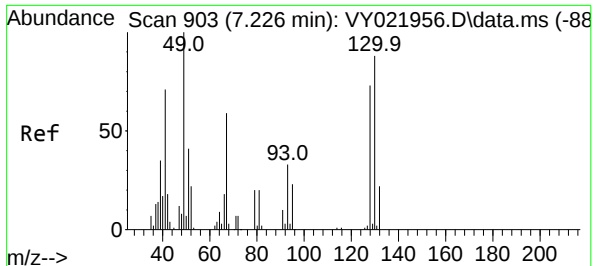
Tgt Ion: 78 Resp: 207209

Ion Ratio Lower Upper

78 100

77 23.0 19.3 28.9

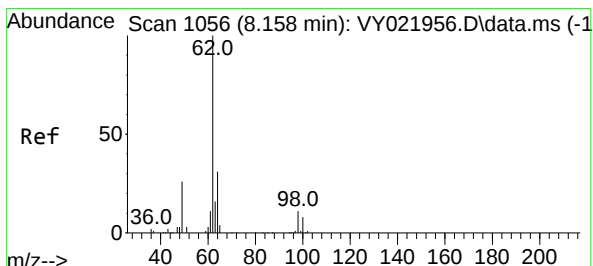
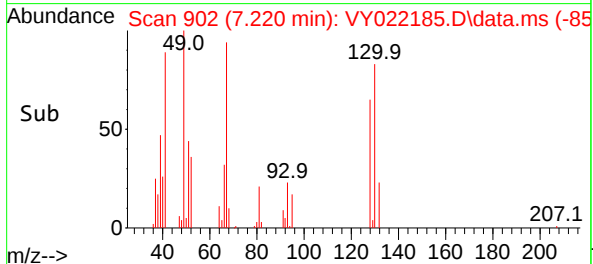
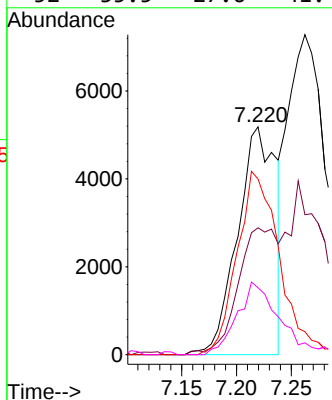
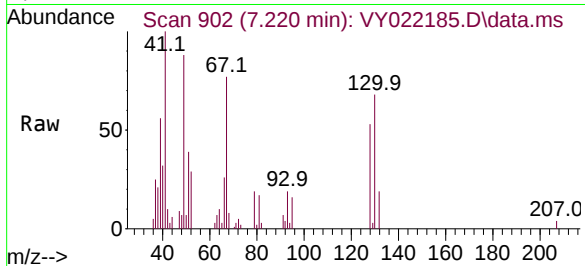




#41
Methacrylonitrile
Concen: 20.494 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

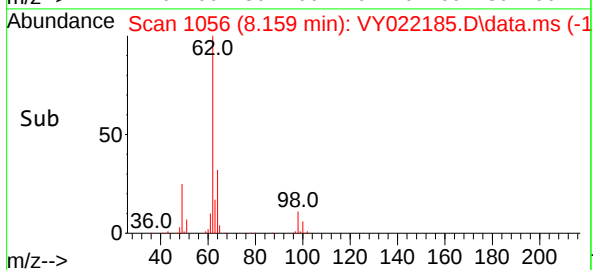
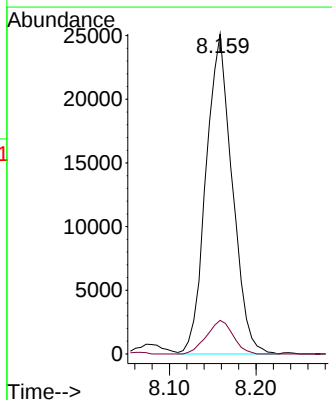
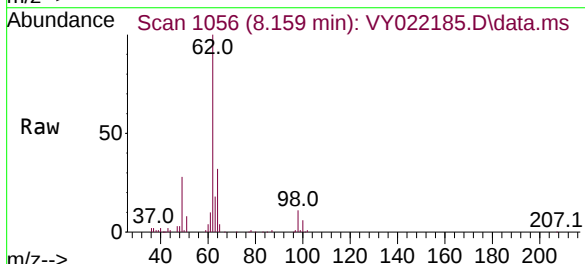
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

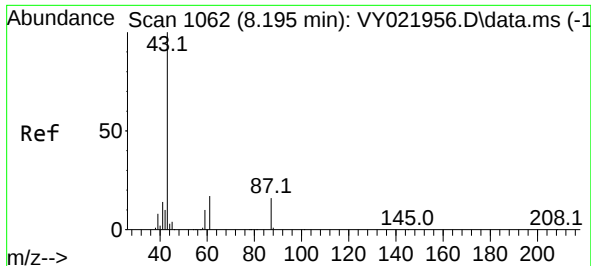
Tgt Ion: 41 Resp: 12634
Ion Ratio Lower Upper
41 100
39 57.3 36.6 55.0#
67 89.4 72.2 108.4
52 35.5 27.6 41.4



#42
1,2-Dichloroethane
Concen: 21.704 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 62 Resp: 52744
Ion Ratio Lower Upper
62 100
98 10.6 0.0 22.0

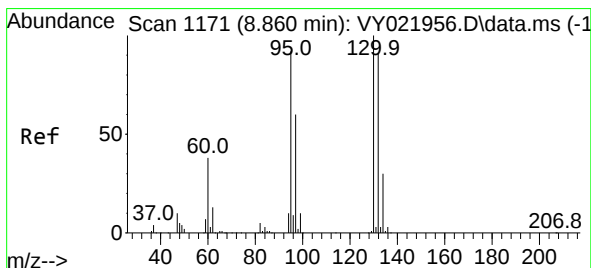
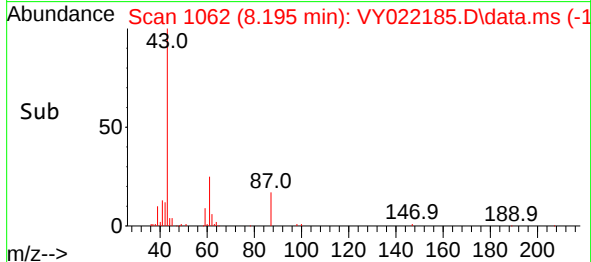
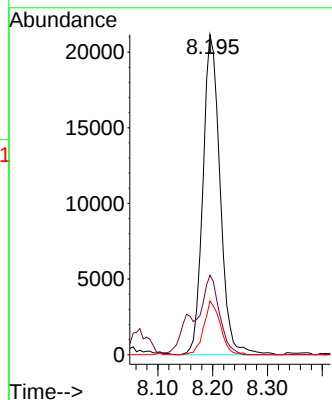
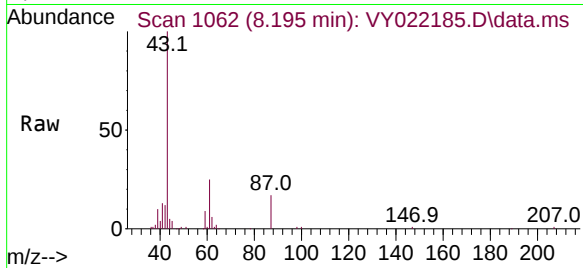




#43
Isopropyl Acetate
Concen: 21.229 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

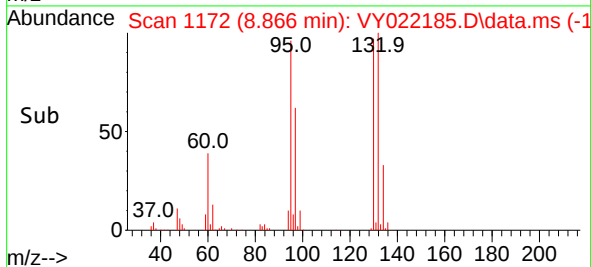
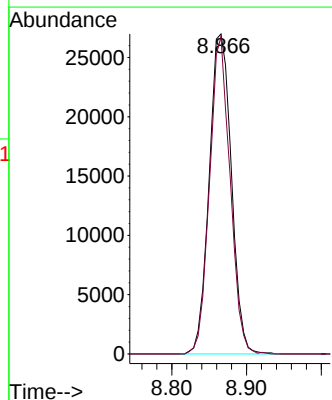
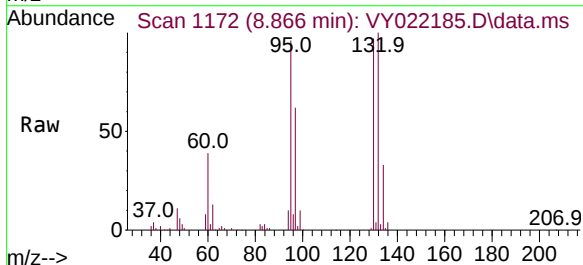
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

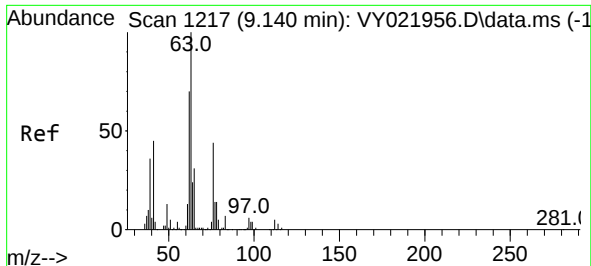
Tgt Ion: 43 Resp: 45976
Ion Ratio Lower Upper
43 100
61 24.4 18.9 28.3
87 16.1 13.7 20.5



#44
Trichloroethene
Concen: 20.454 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion:130 Resp: 55608
Ion Ratio Lower Upper
130 100
95 99.1 0.0 183.2





#45

1,2-Dichloropropane

Concen: 22.111 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

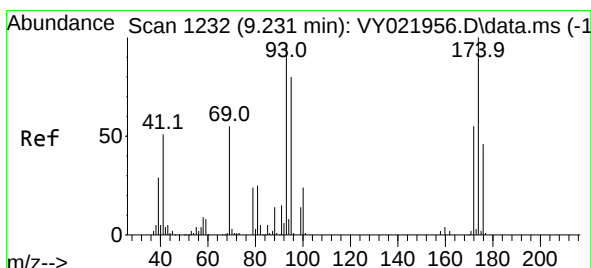
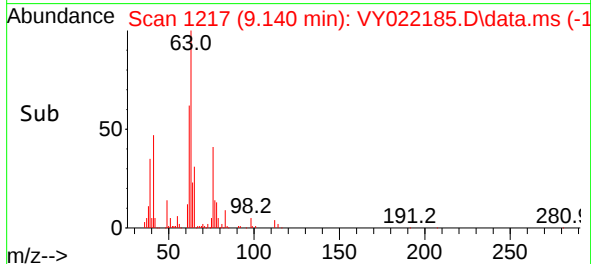
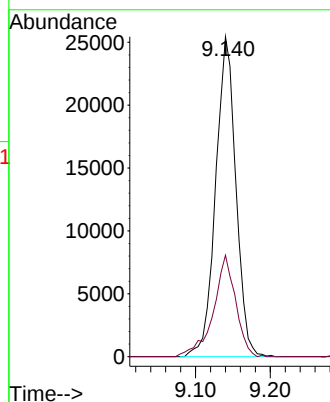
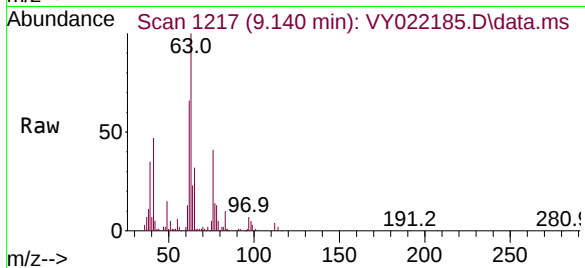
VY0507SBS01

Tgt Ion: 63 Resp: 47995

Ion Ratio Lower Upper

63 100

65 31.7 25.2 37.8



#46

Dibromomethane

Concen: 21.150 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

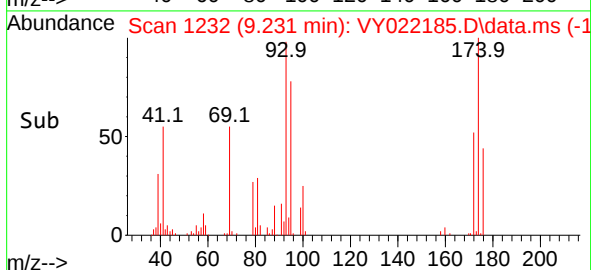
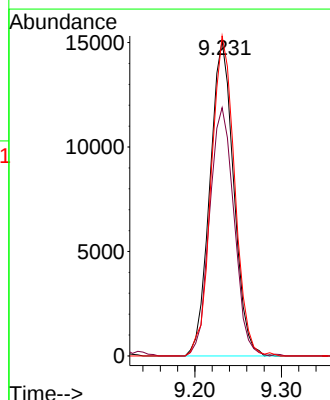
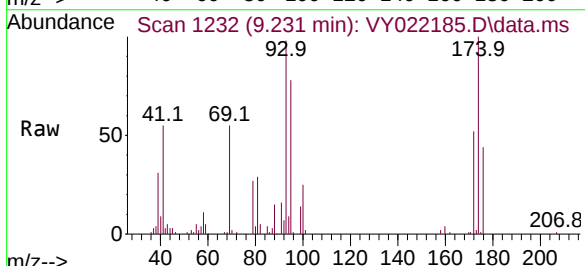
Tgt Ion: 93 Resp: 28739

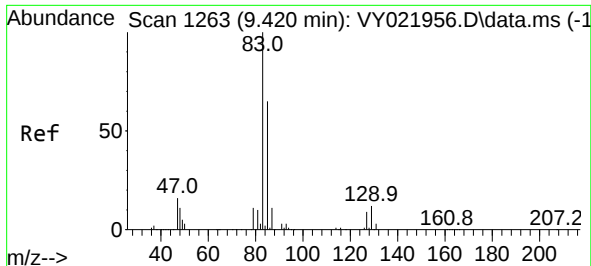
Ion Ratio Lower Upper

93 100

95 80.7 66.7 100.1

174 100.1 84.6 127.0





#47

Bromodichloromethane

Concen: 21.567 ug/l

RT: 9.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

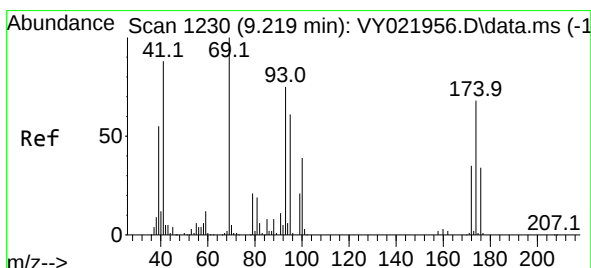
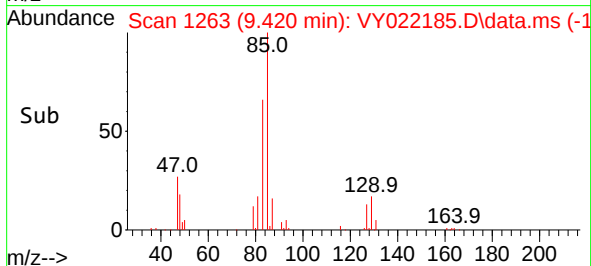
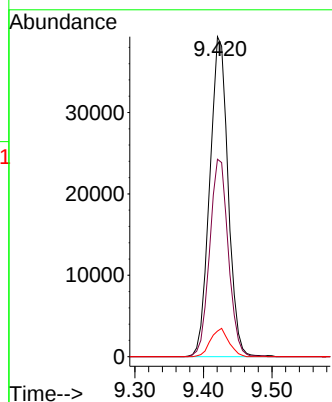
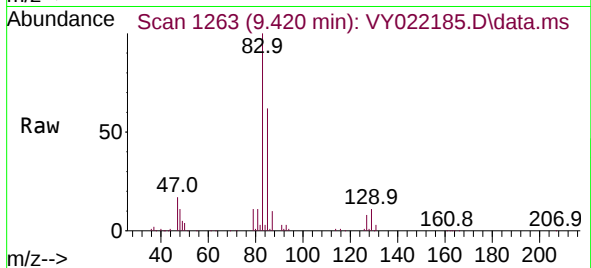
Tgt Ion: 83 Resp: 73209

Ion Ratio Lower Upper

83 100

85 61.7 51.8 77.8

127 8.0 7.0 10.6



#48

Methyl methacrylate

Concen: 20.133 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

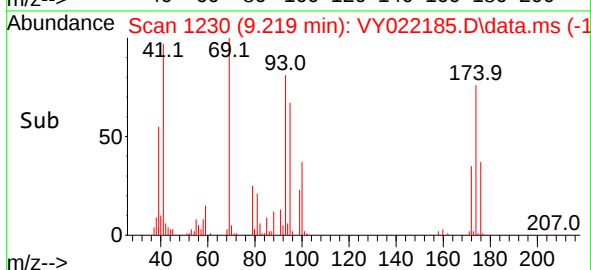
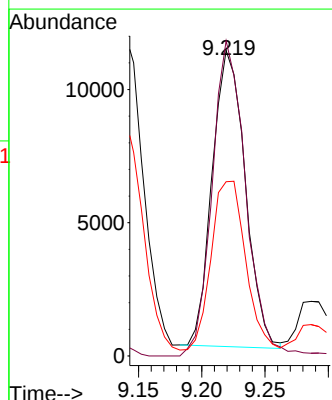
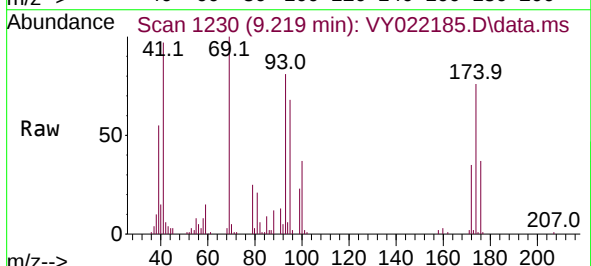
Tgt Ion: 41 Resp: 20157

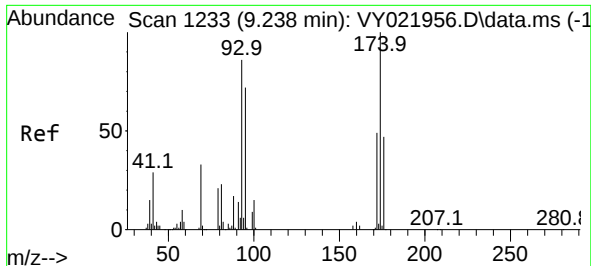
Ion Ratio Lower Upper

41 100

69 108.5 85.5 128.3

39 60.2 46.2 69.4





#49

1,4-Dioxane

Concen: 385.291 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBSD01

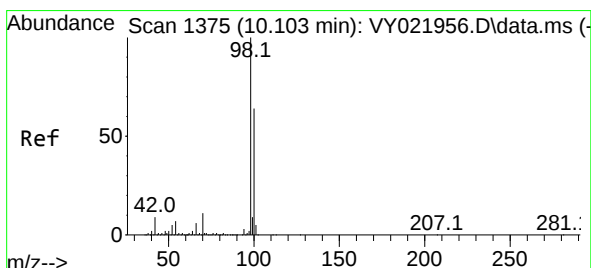
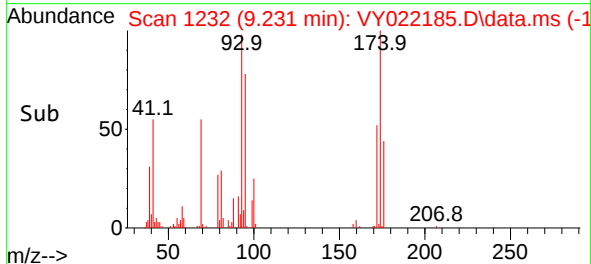
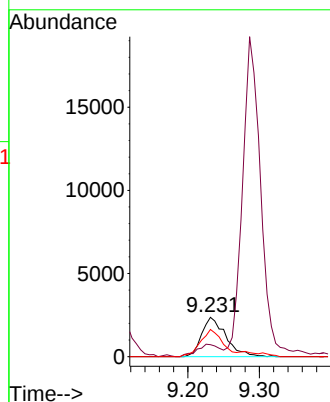
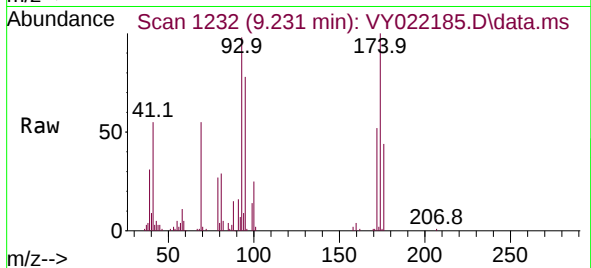
Tgt Ion: 88 Resp: 5580

Ion Ratio Lower Upper

88 100

43 29.6 21.3 31.9

58 62.4 50.5 75.7



#50

Toluene-d8

Concen: 53.179 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022185.D

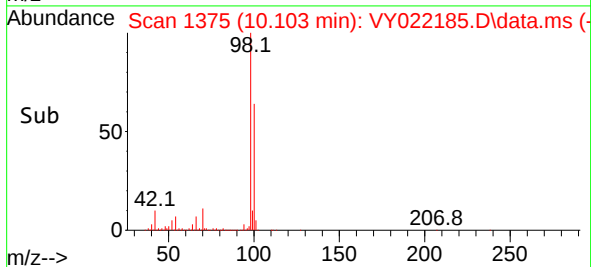
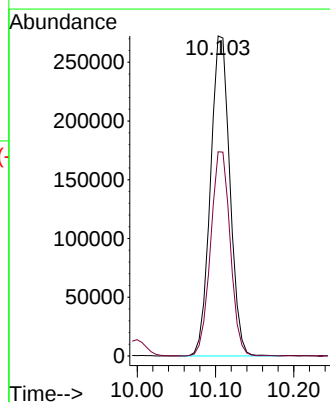
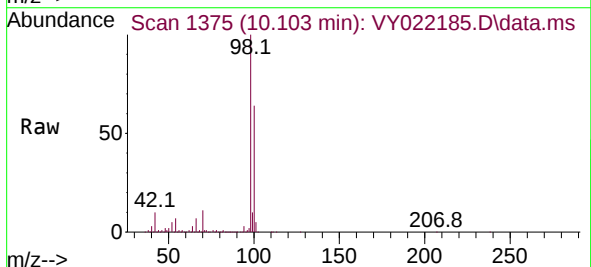
Acq: 07 May 2025 11:20

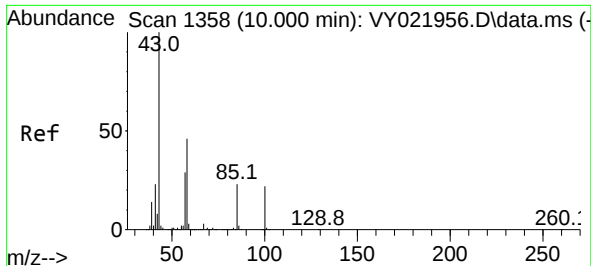
Tgt Ion: 98 Resp: 468642

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4

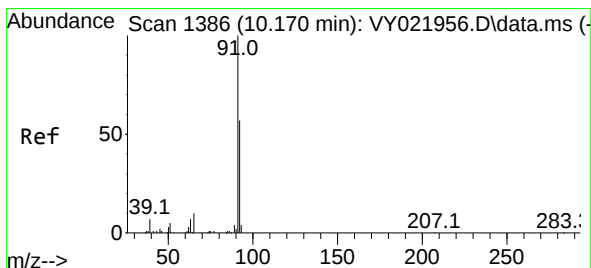
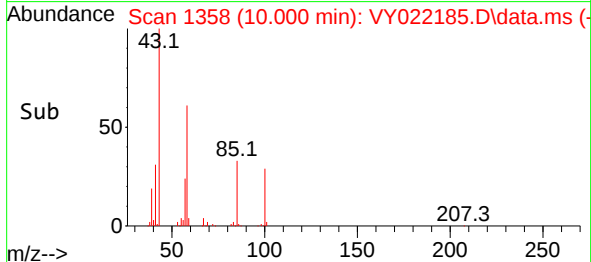
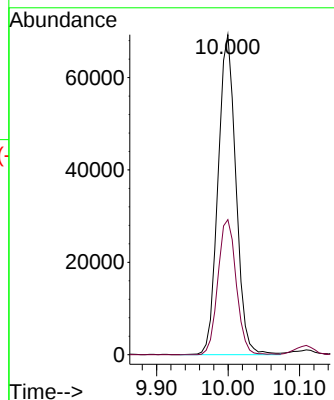
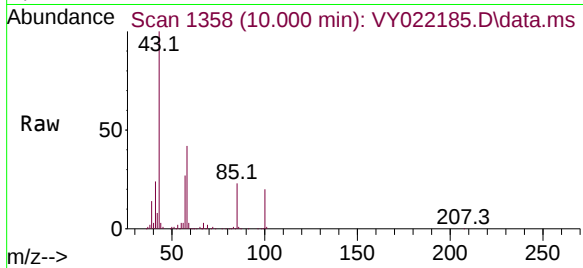




#51
4-Methyl-2-Pentanone
Concen: 105.993 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

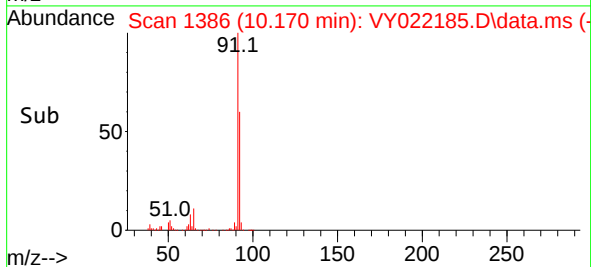
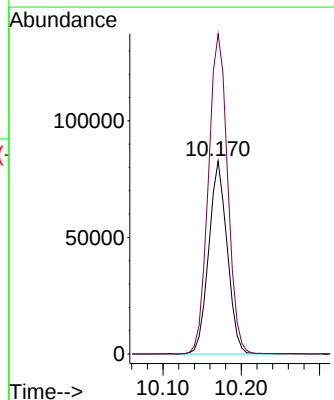
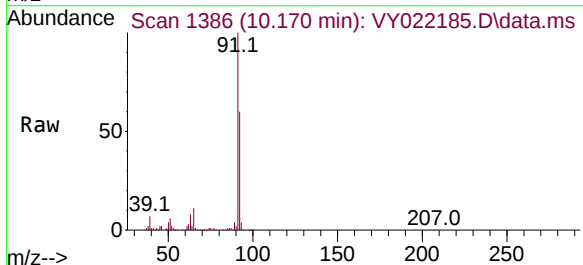
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

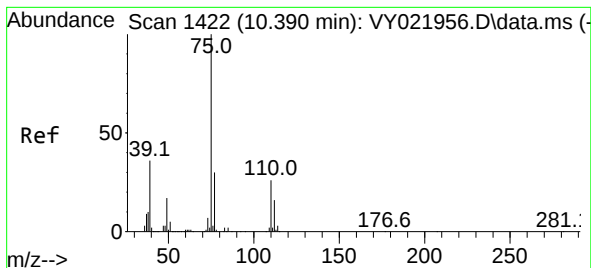
Tgt Ion: 43 Resp: 120332
Ion Ratio Lower Upper
43 100
58 43.2 36.6 55.0



#52
Toluene
Concen: 21.262 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 92 Resp: 135093
Ion Ratio Lower Upper
92 100
91 173.5 138.6 207.8

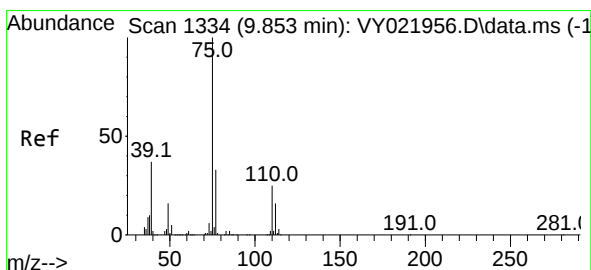
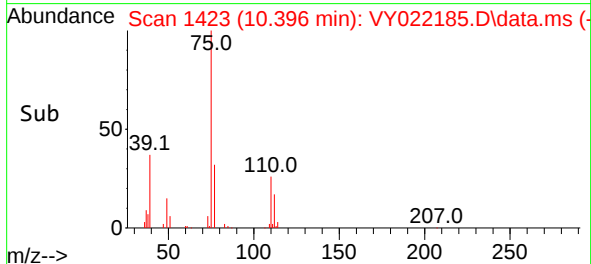
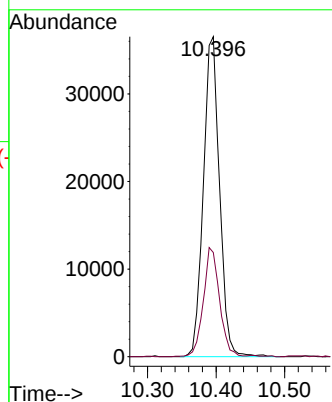
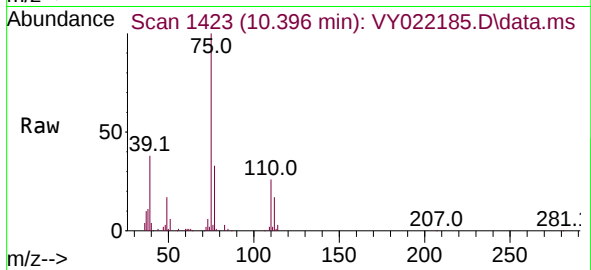




#53
 t-1,3-Dichloropropene
 Concen: 20.595 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022185.D
 Acq: 07 May 2025 11:20

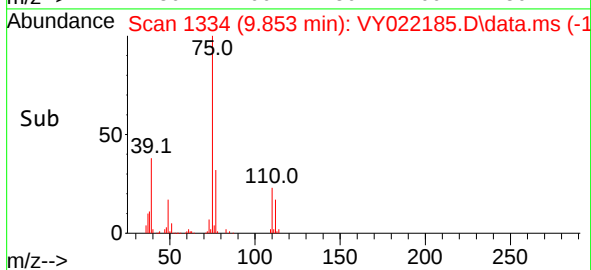
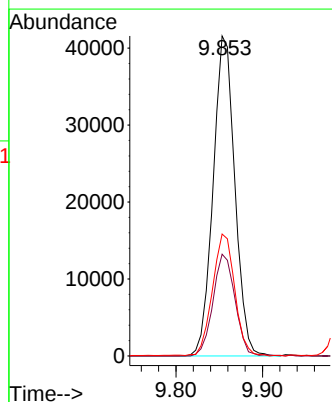
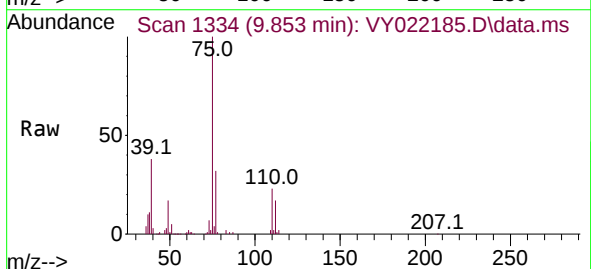
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBSD01

Tgt Ion: 75 Resp: 59964
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.906 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022185.D
 Acq: 07 May 2025 11:20

Tgt Ion: 75 Resp: 72358
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.6 40.0
 39 37.9 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 21.198 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBSD01

Tgt Ion: 97 Resp: 38475

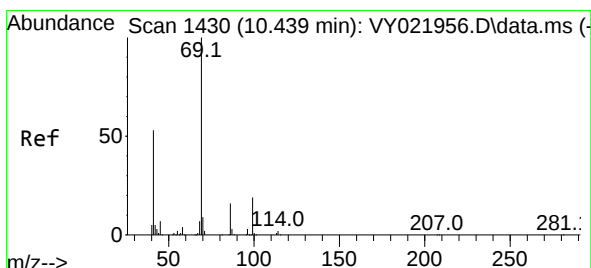
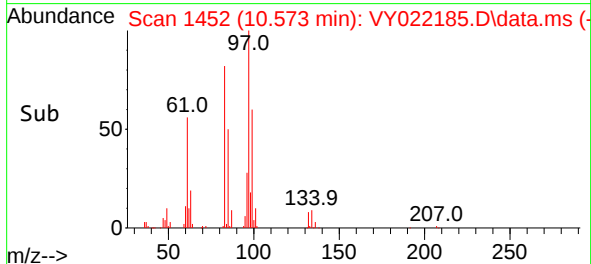
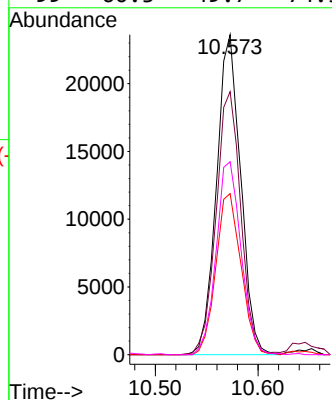
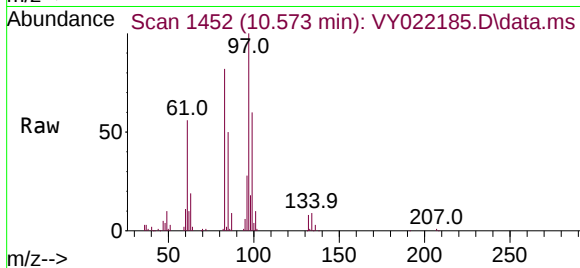
Ion Ratio Lower Upper

97 100

83 82.2 66.7 100.1

85 50.4 42.6 64.0

99 60.3 49.7 74.5



#56

Ethyl methacrylate

Concen: 19.275 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

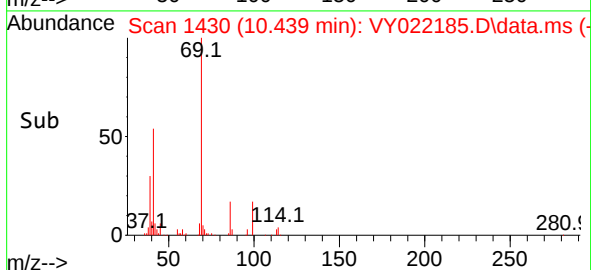
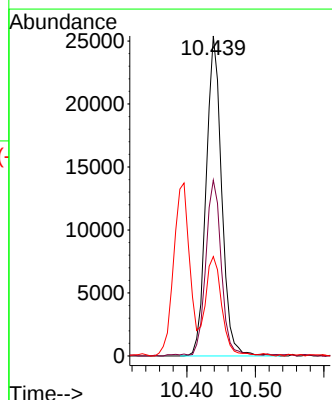
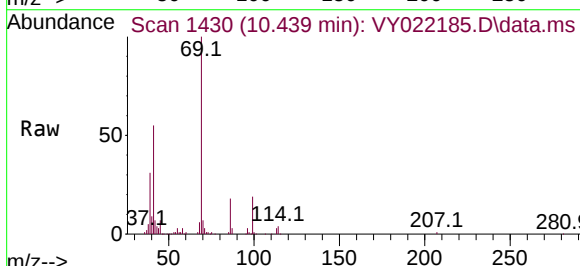
Tgt Ion: 69 Resp: 40007

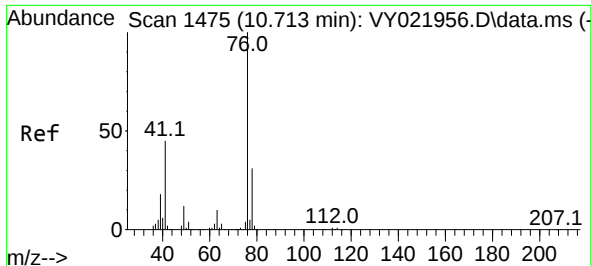
Ion Ratio Lower Upper

69 100

41 54.1 40.7 61.1

39 32.3 23.3 34.9





#57

1,3-Dichloropropane

Concen: 21.451 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

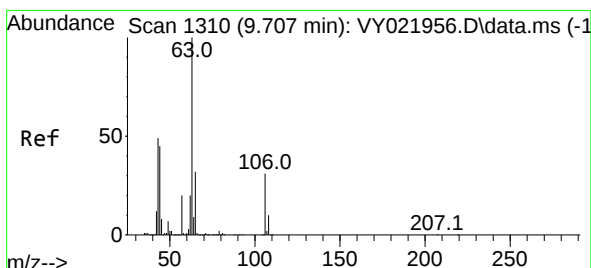
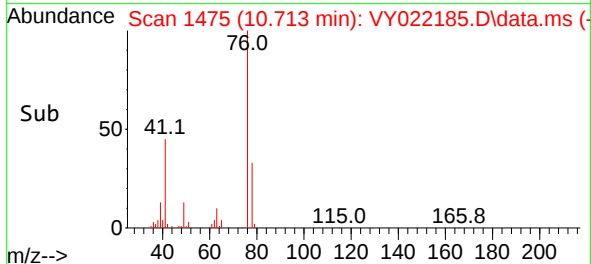
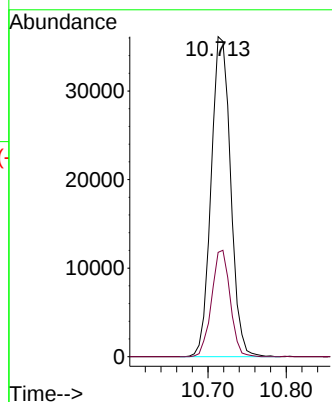
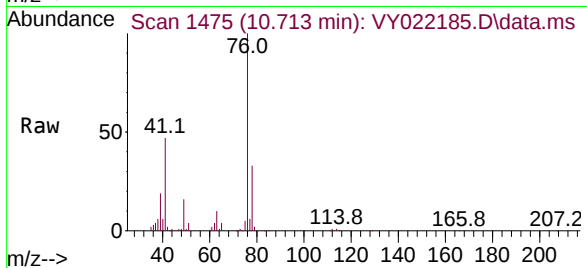
VY0507SBSD01

Tgt Ion: 76 Resp: 62418

Ion Ratio Lower Upper

76 100

78 31.6 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.416 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022185.D

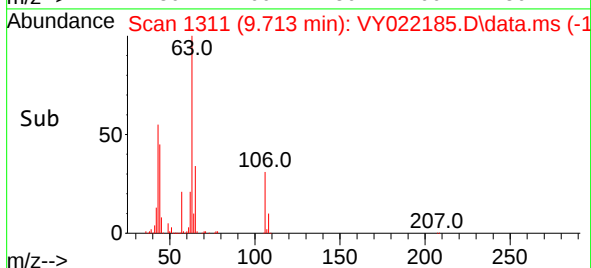
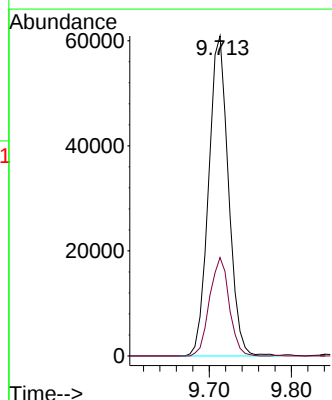
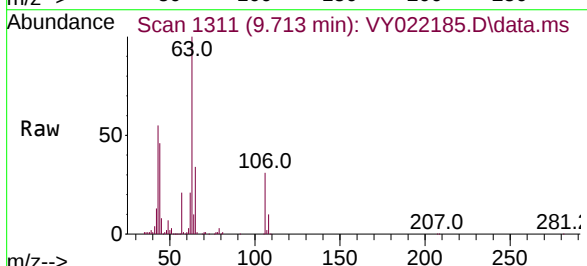
Acq: 07 May 2025 11:20

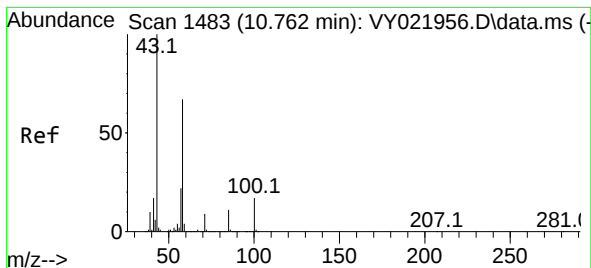
Tgt Ion: 63 Resp: 101905

Ion Ratio Lower Upper

63 100

106 30.4 25.3 37.9

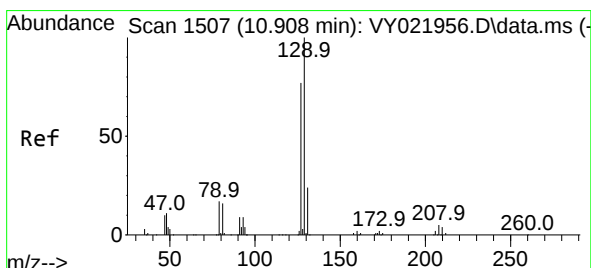
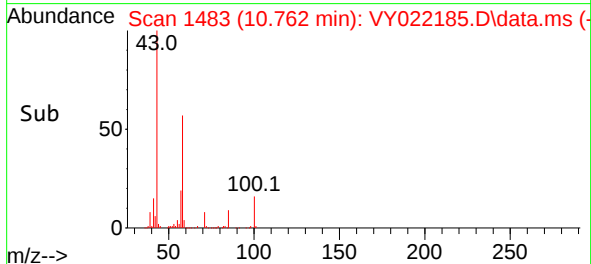
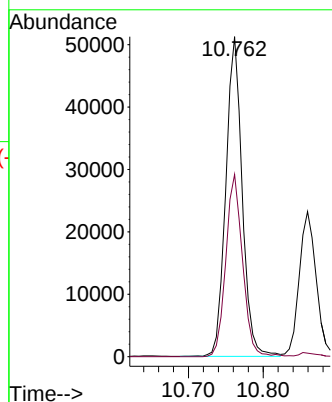
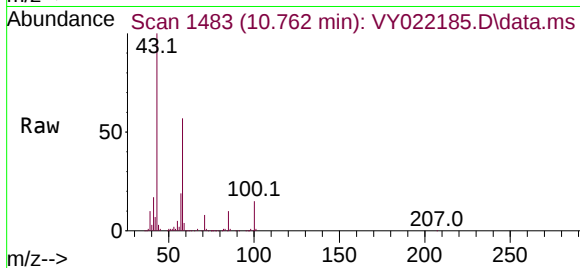




#59
2-Hexanone
Concen: 104.136 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

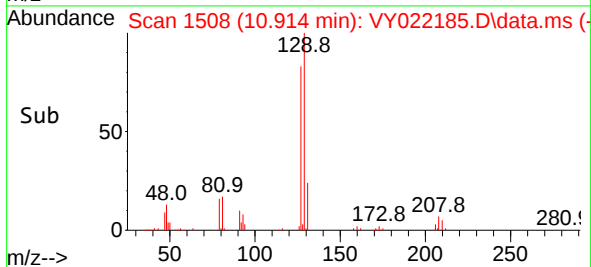
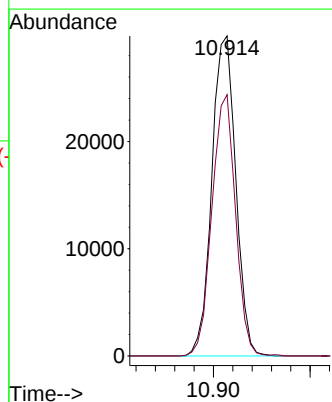
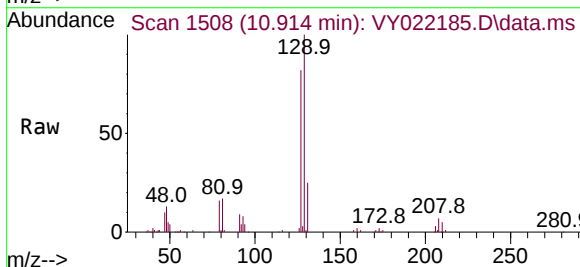
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

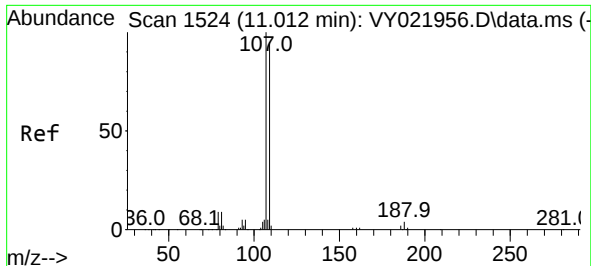
Tgt Ion: 43 Resp: 77979
Ion Ratio Lower Upper
43 100
58 58.4 32.0 96.0



#60
Dibromochloromethane
Concen: 20.410 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 129 Resp: 51288
Ion Ratio Lower Upper
129 100
127 80.5 38.5 115.3

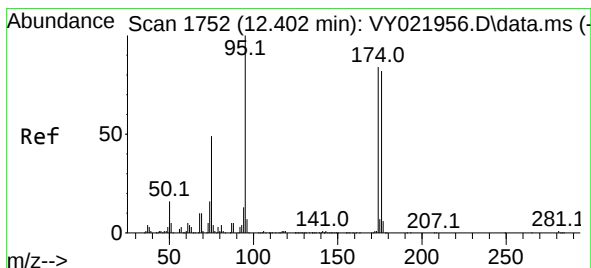
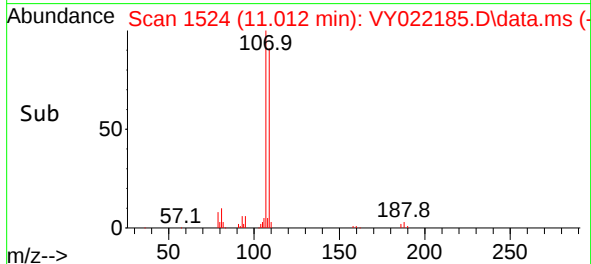
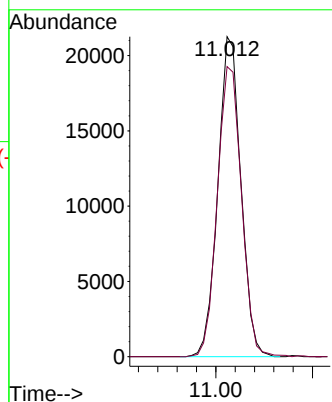
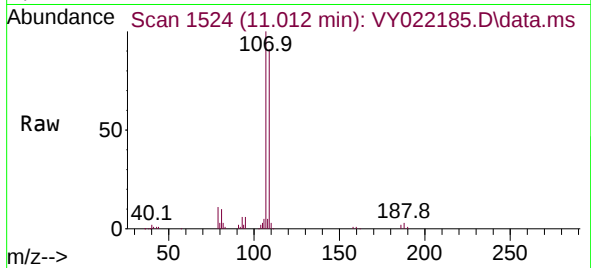




#61
1,2-Dibromoethane
Concen: 20.466 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

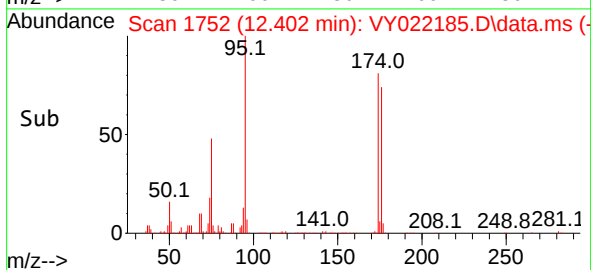
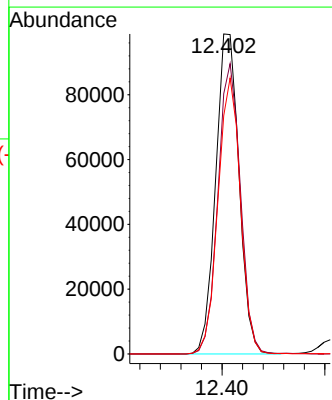
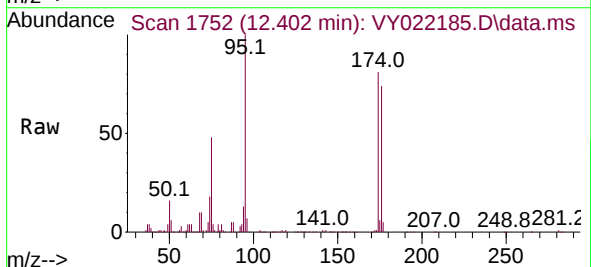
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

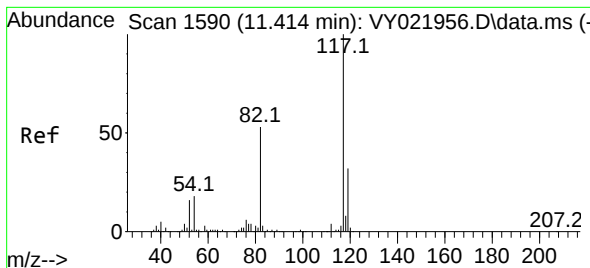
Tgt Ion:107 Resp: 35069
Ion Ratio Lower Upper
107 100
109 95.1 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 52.459 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 95 Resp: 155630
Ion Ratio Lower Upper
95 100
174 87.5 0.0 179.0
176 82.8 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBSD01

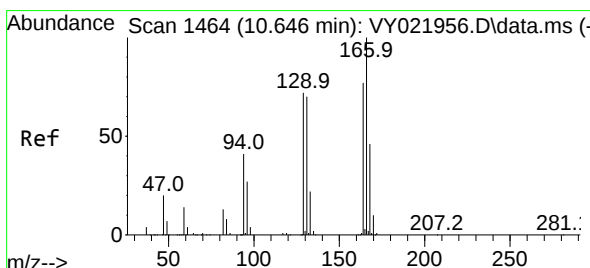
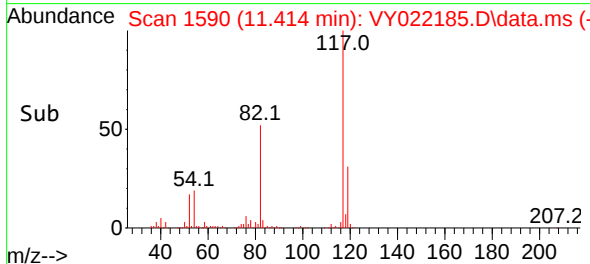
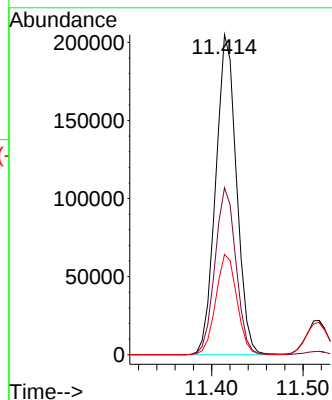
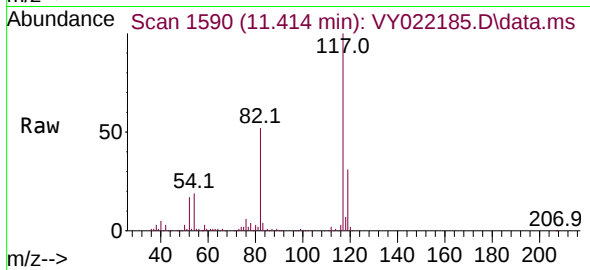
Tgt Ion:117 Resp: 324031

Ion Ratio Lower Upper

117 100

82 52.2 42.1 63.1

119 31.3 25.7 38.5



#64

Tetrachloroethene

Concen: 20.563 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Tgt Ion:164 Resp: 62857

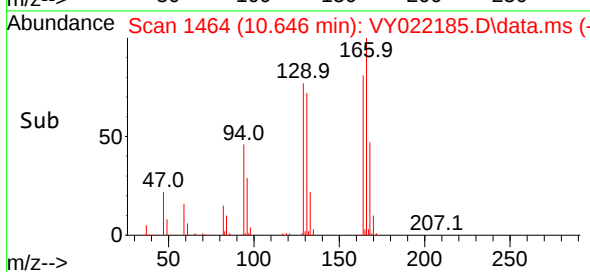
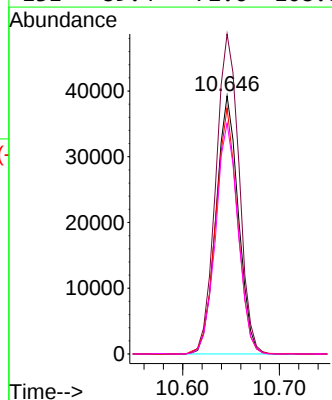
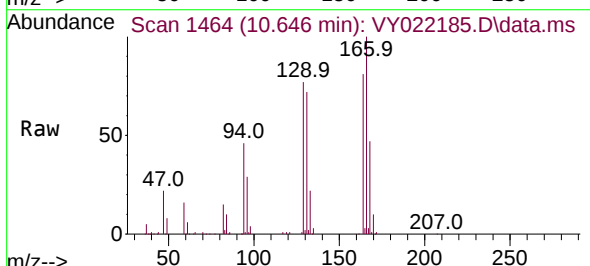
Ion Ratio Lower Upper

164 100

166 124.0 103.6 155.4

129 95.3 74.2 111.4

131 89.4 72.6 108.8





#65

Chlorobenzene

Concen: 20.965 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

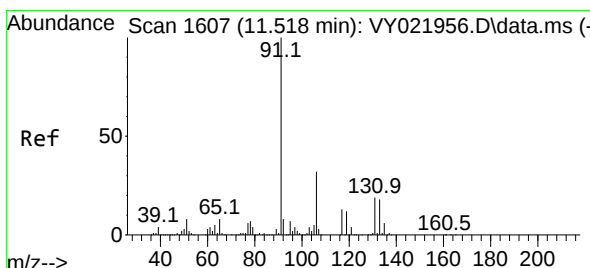
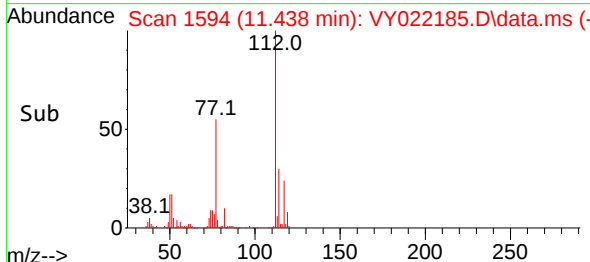
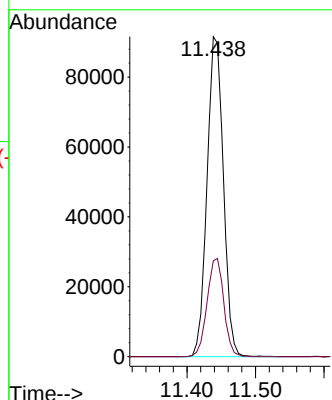
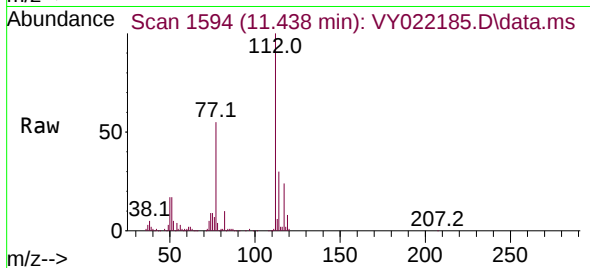
VY0507SBSD01

Tgt Ion:112 Resp: 151916

Ion Ratio Lower Upper

112 100

114 30.0 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.948 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

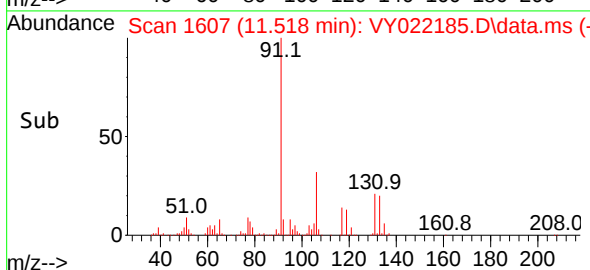
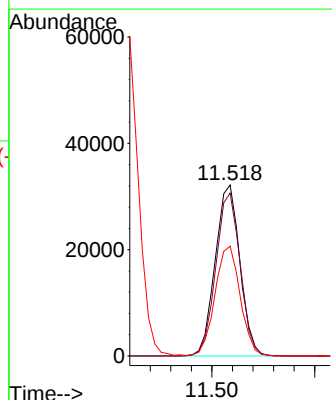
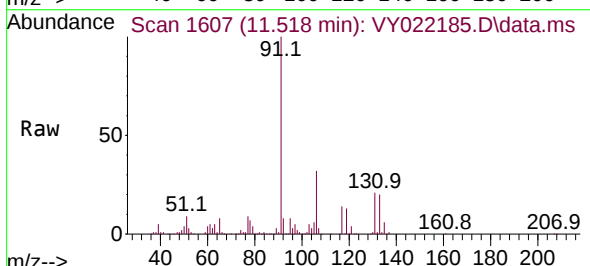
Tgt Ion:131 Resp: 53439

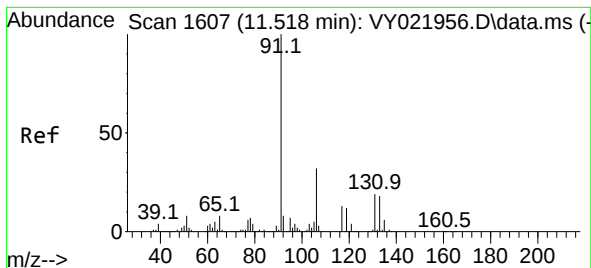
Ion Ratio Lower Upper

131 100

133 94.1 47.8 143.3

119 65.7 32.4 97.0

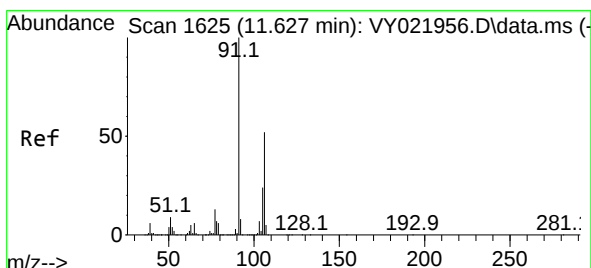
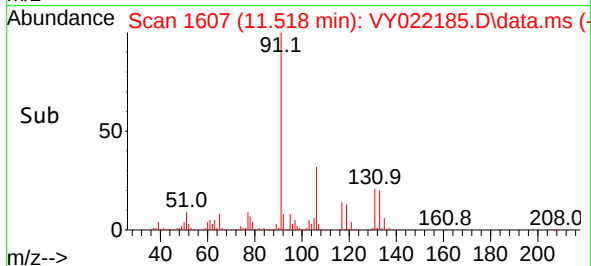
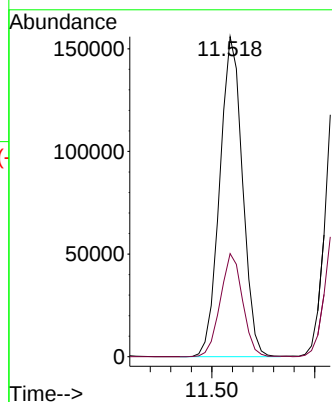
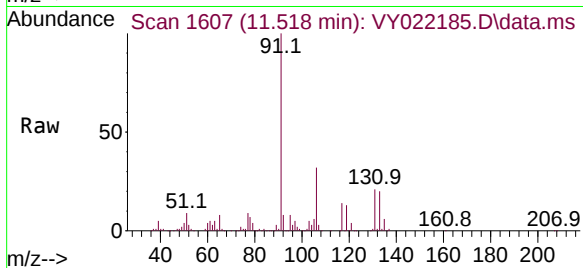




#67
Ethyl Benzene
Concen: 20.186 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

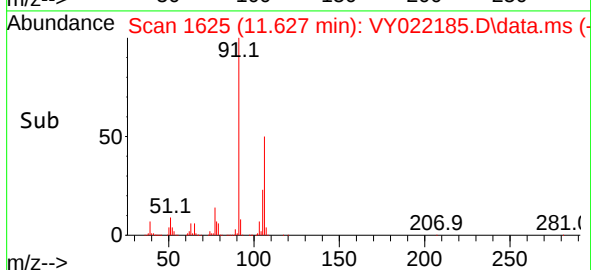
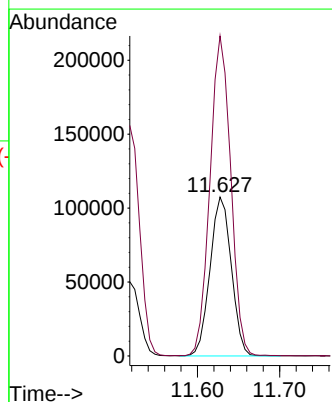
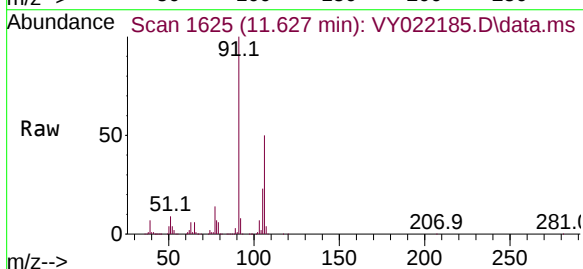
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

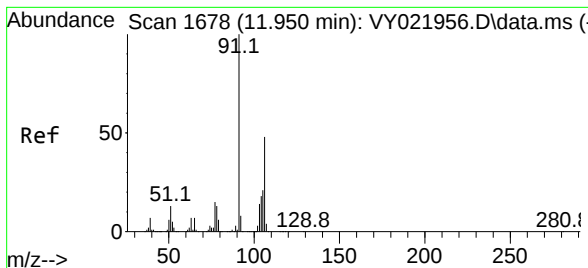
Tgt Ion: 91 Resp: 239276
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9



#68
m/p-Xylenes
Concen: 41.082 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 106 Resp: 193773
Ion Ratio Lower Upper
106 100
91 196.5 156.2 234.2

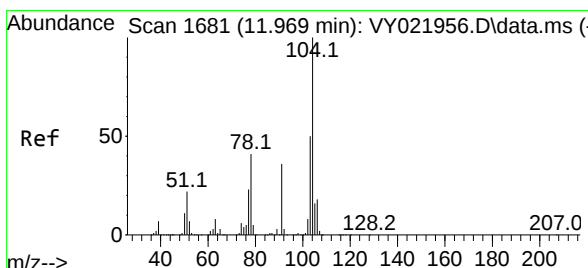
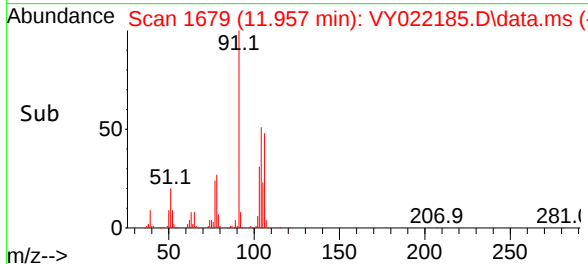
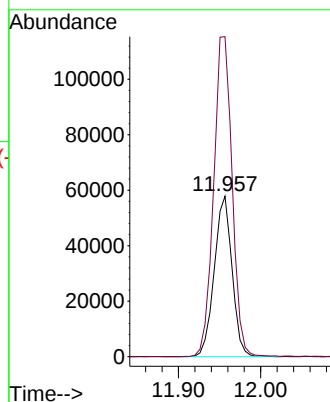
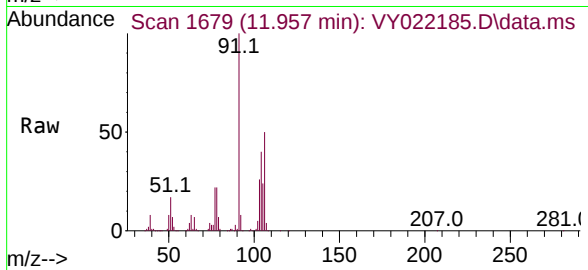




#69
o-Xylene
Concen: 20.022 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

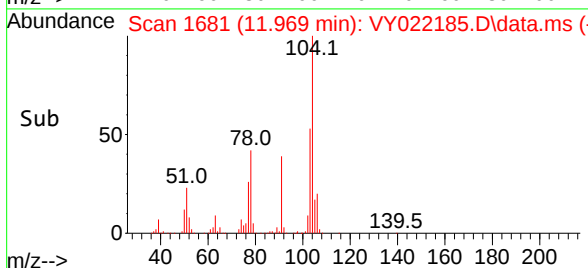
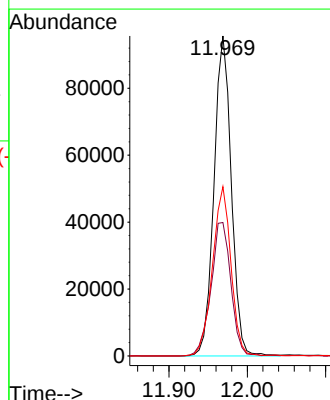
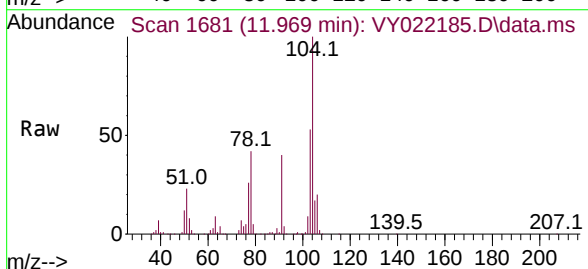
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

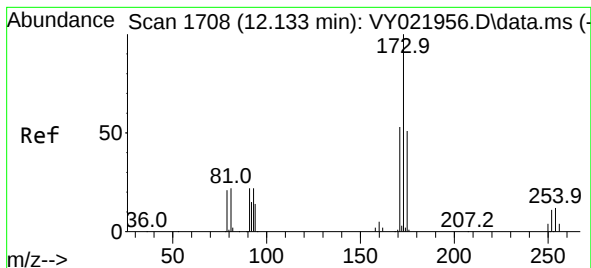
Tgt Ion:106 Resp: 87044
Ion Ratio Lower Upper
106 100
91 208.1 103.0 308.9



#70
Styrene
Concen: 20.164 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion:104 Resp: 147189
Ion Ratio Lower Upper
104 100
78 48.0 36.6 54.8
103 56.2 43.8 65.8





#71

Bromoform

Concen: 20.209 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBSD01

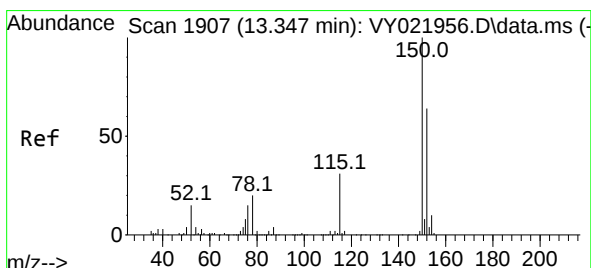
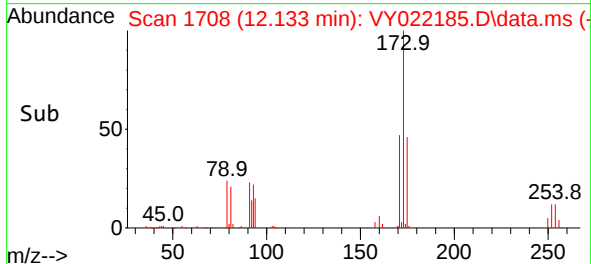
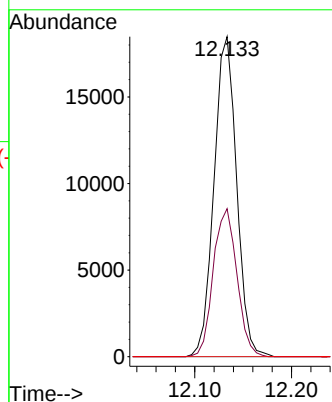
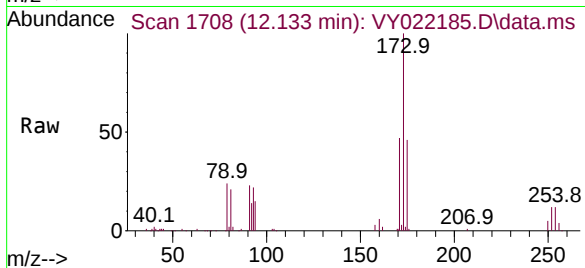
Tgt Ion:173 Resp: 29974

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

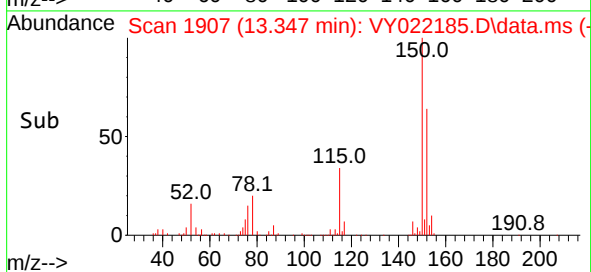
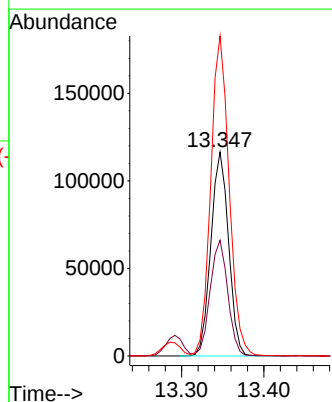
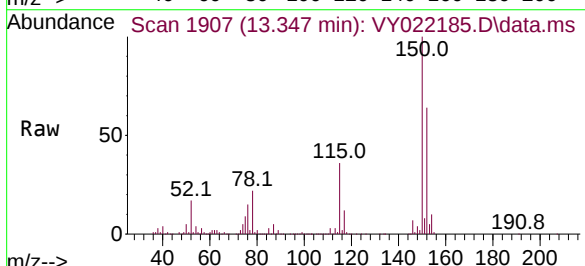
Tgt Ion:152 Resp: 174367

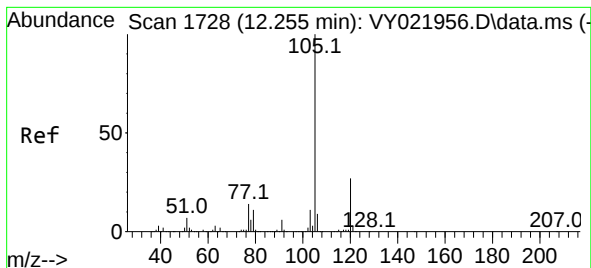
Ion Ratio Lower Upper

152 100

115 56.5 28.0 84.0

150 162.7 0.0 345.6





#73

Isopropylbenzene

Concen: 19.576 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

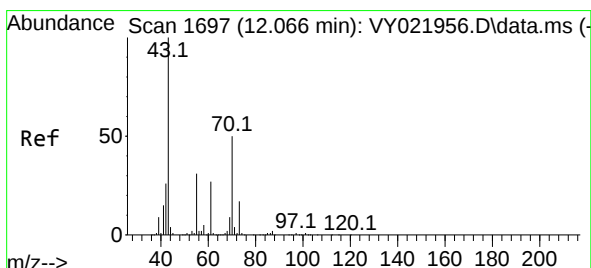
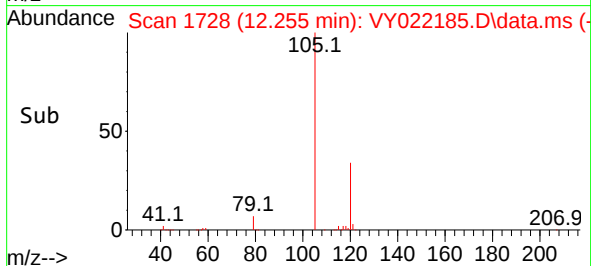
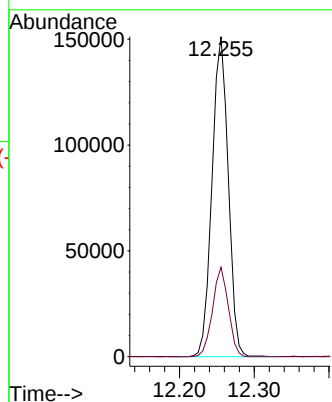
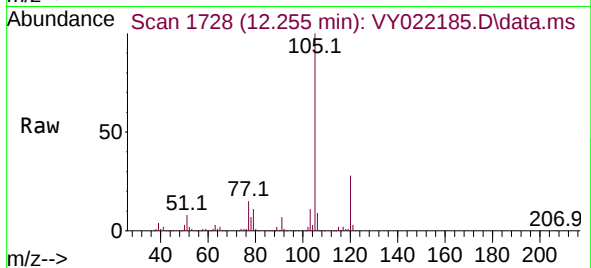
VY0507SBSD01

Tgt Ion:105 Resp: 228052

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5



#74

N-ethyl acetate

Concen: 19.359 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Tgt Ion: 43 Resp: 38747

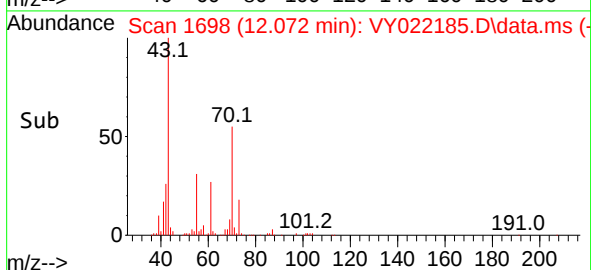
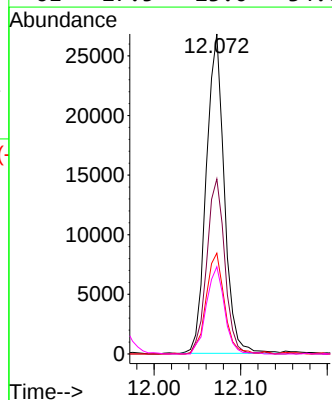
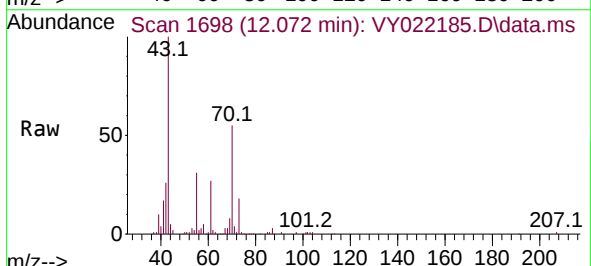
Ion Ratio Lower Upper

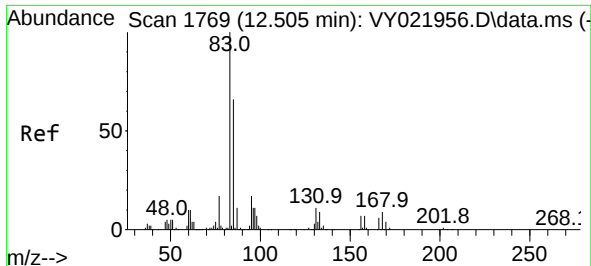
43 100

70 54.6 43.2 64.8

55 32.0 25.7 38.5

61 27.5 23.0 34.6

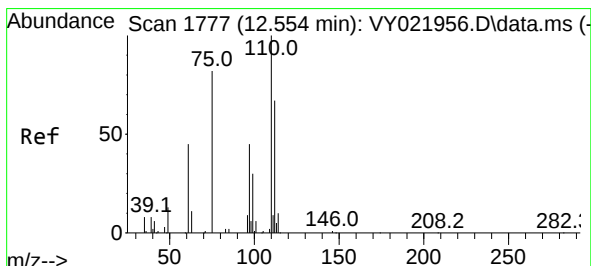
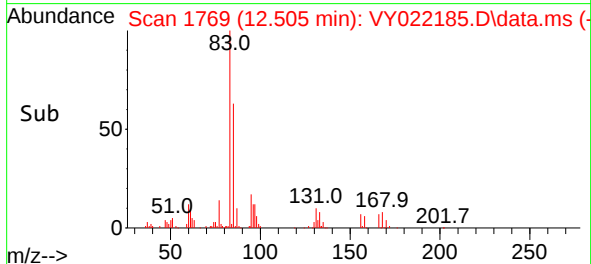
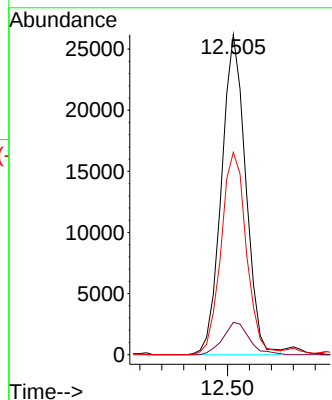
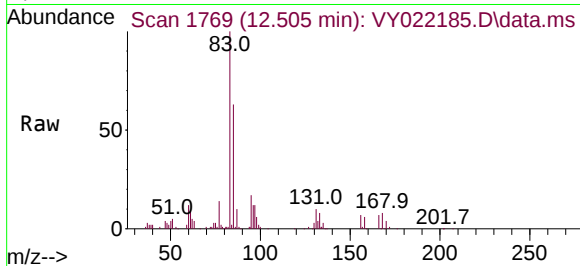




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.448 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022185.D
 Acq: 07 May 2025 11:20

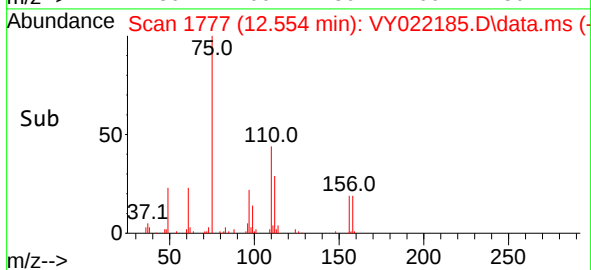
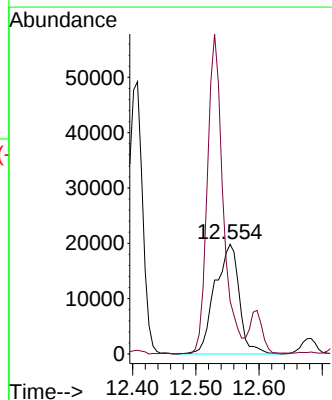
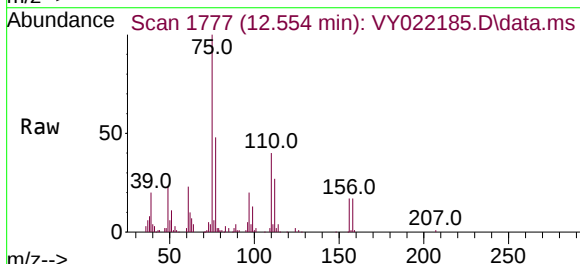
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBSD01

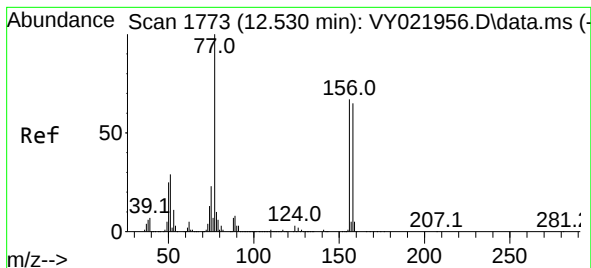
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.5	16.4
85	66.0	32.3	96.8



#76
 1,2,3-Trichloropropane
 Concen: 35.325 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022185.D
 Acq: 07 May 2025 11:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.954 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

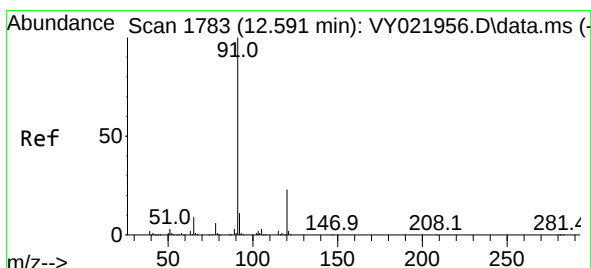
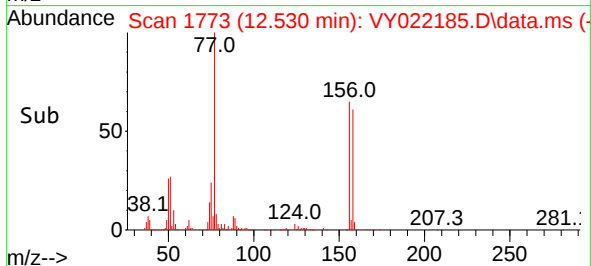
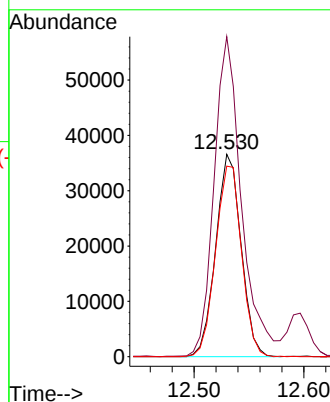
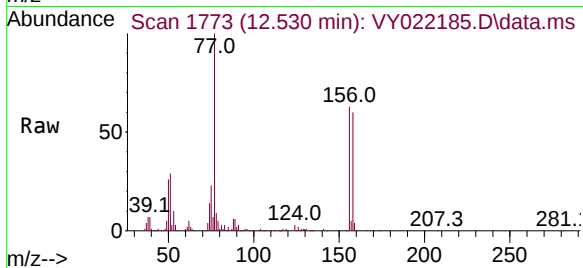
Tgt Ion:156 Resp: 58737

Ion Ratio Lower Upper

156 100

77 170.3 82.7 248.1

158 96.6 48.1 144.4



#78

n-propylbenzene

Concen: 20.370 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022185.D

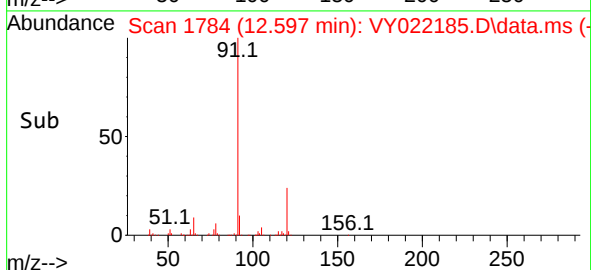
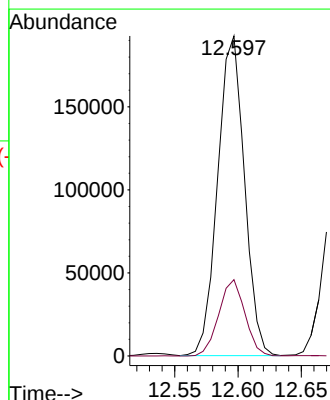
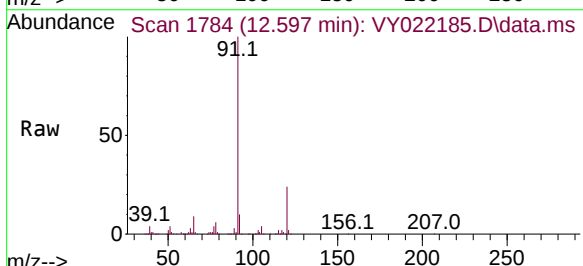
Acq: 07 May 2025 11:20

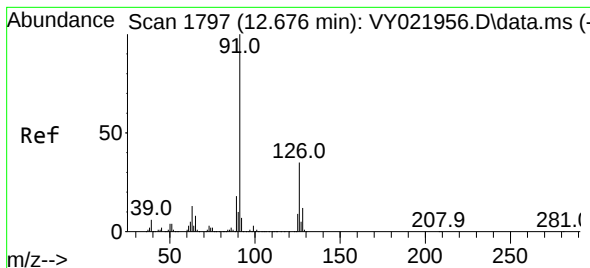
Tgt Ion: 91 Resp: 282603

Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.5

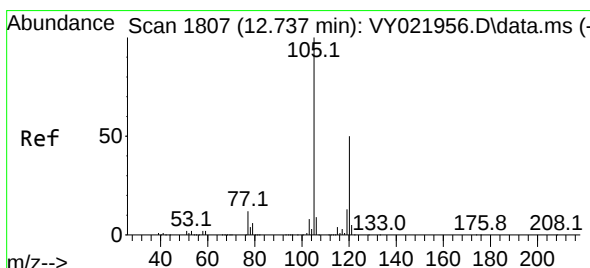
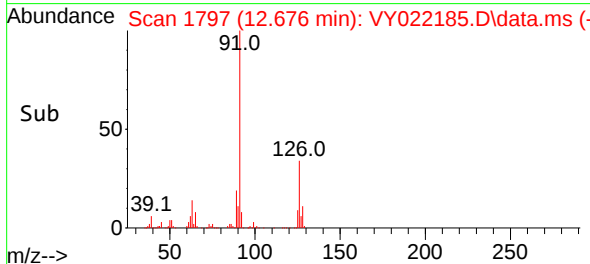
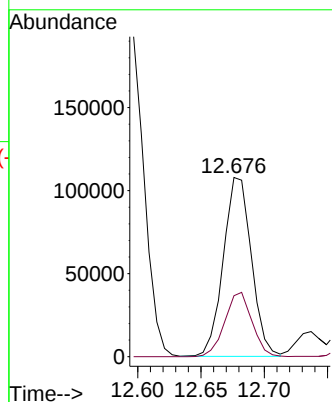
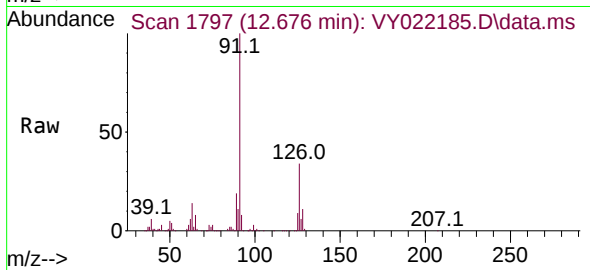




#79
2-Chlorotoluene
Concen: 20.657 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

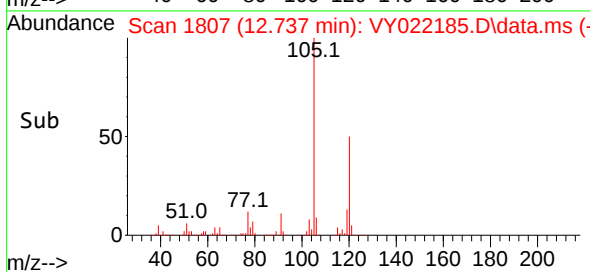
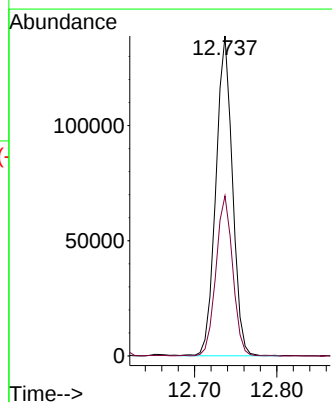
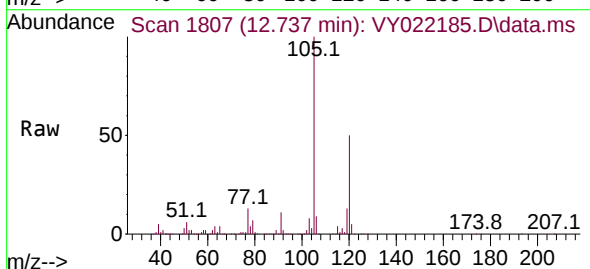
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBS01

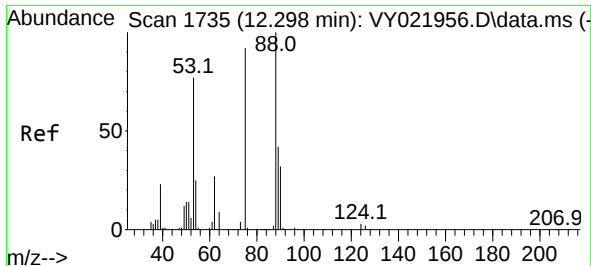
Tgt Ion: 91 Resp: 166668
Ion Ratio Lower Upper
91 100
126 34.9 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 20.235 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 105 Resp: 194228
Ion Ratio Lower Upper
105 100
120 50.7 25.0 75.0

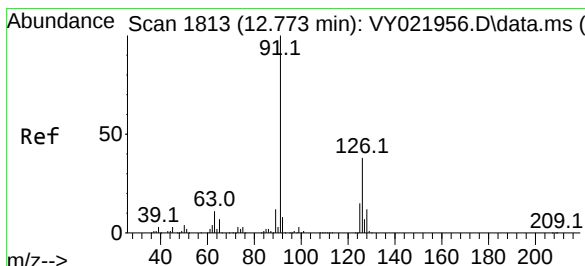
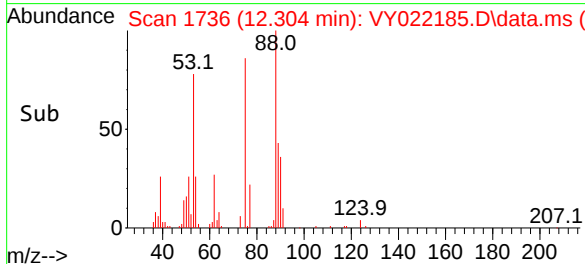
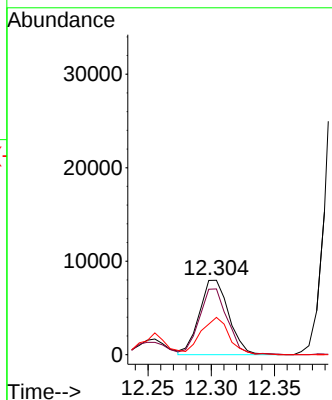
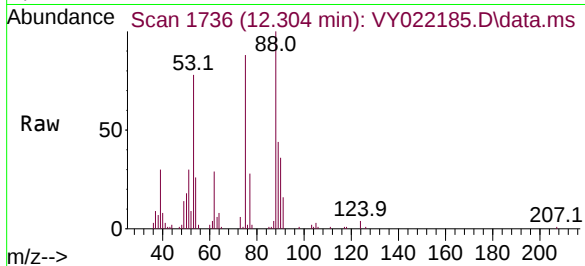




#81
trans-1,4-Dichloro-2-butene
Concen: 20.853 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

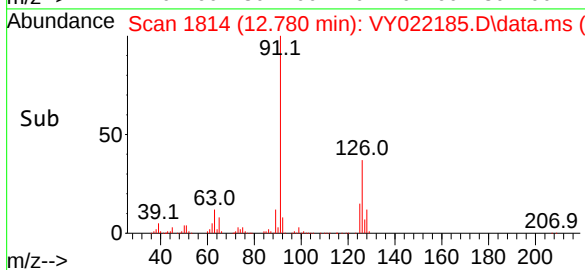
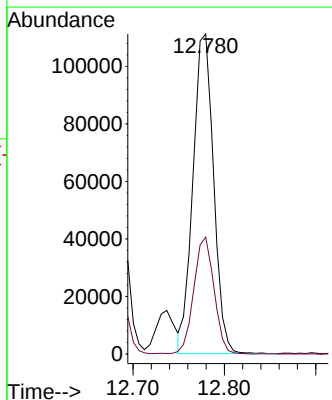
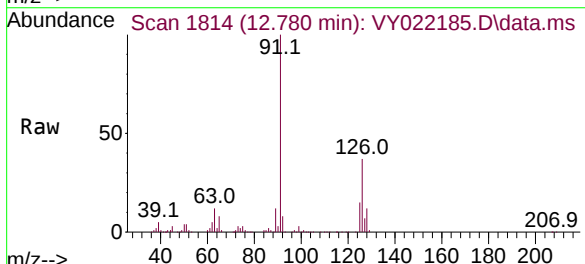
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

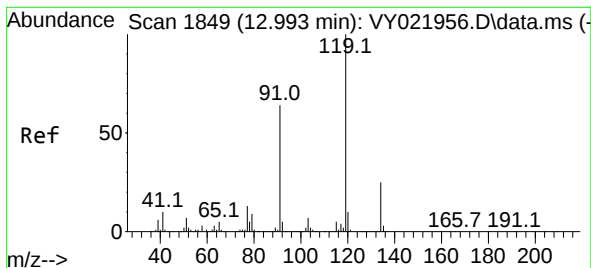
Tgt Ion: 75 Resp: 12933
Ion Ratio Lower Upper
75 100
53 84.2 66.0 99.0
89 47.3 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.786 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 91 Resp: 174331
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.8





#83

tert-Butylbenzene

Concen: 19.658 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBSD01

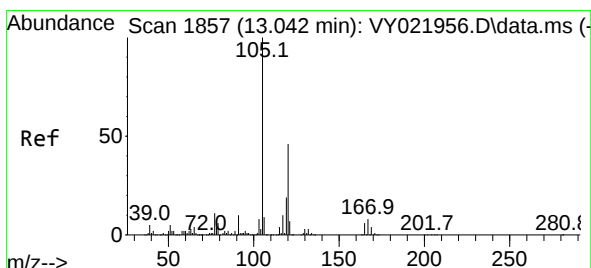
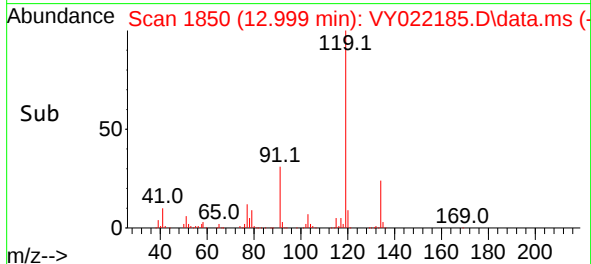
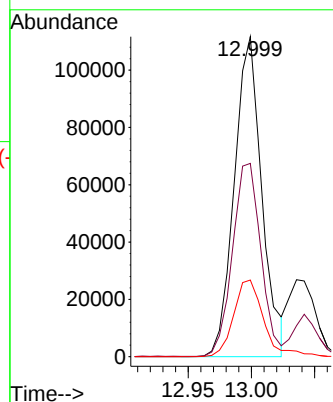
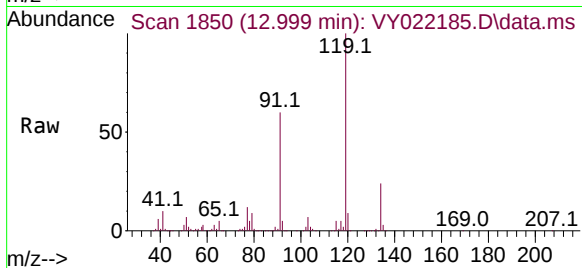
Tgt Ion:119 Resp: 169223

Ion Ratio Lower Upper

119 100

91 62.2 30.3 90.9

134 26.2 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.400 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022185.D

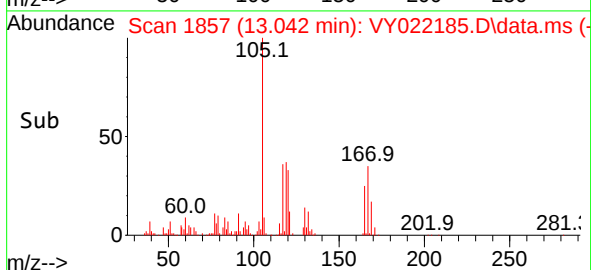
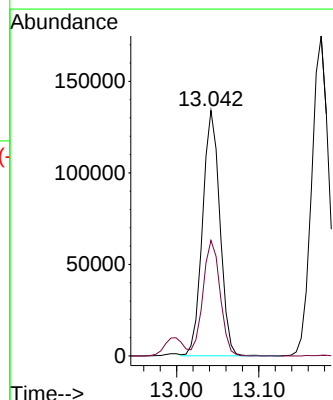
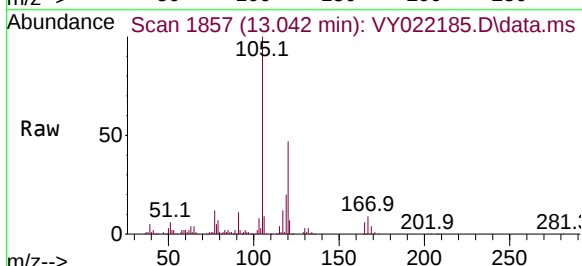
Acq: 07 May 2025 11:20

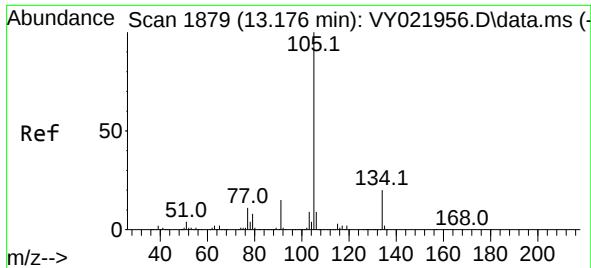
Tgt Ion:105 Resp: 195852

Ion Ratio Lower Upper

105 100

120 46.4 23.4 70.0

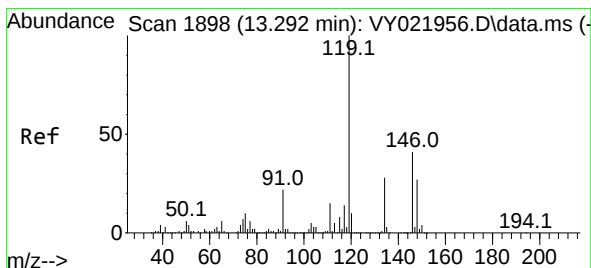
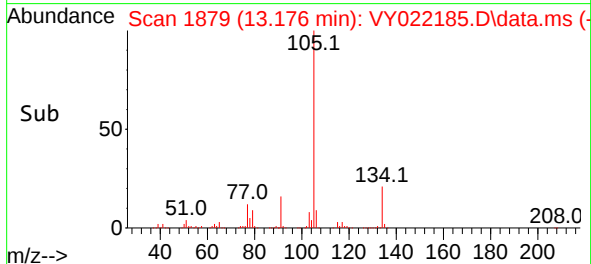
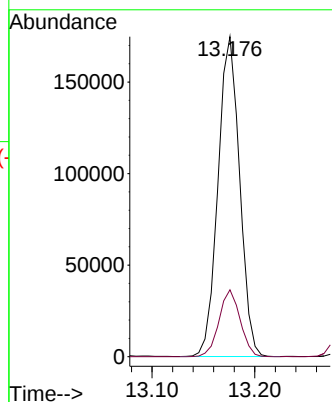
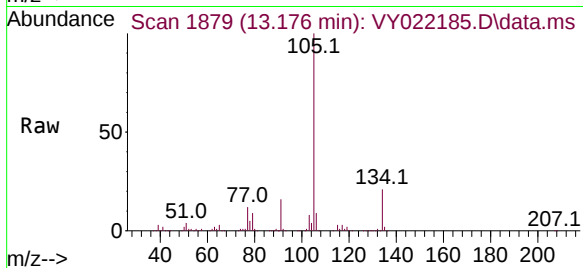




#85
 sec-Butylbenzene
 Concen: 20.250 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022185.D
 Acq: 07 May 2025 11:20

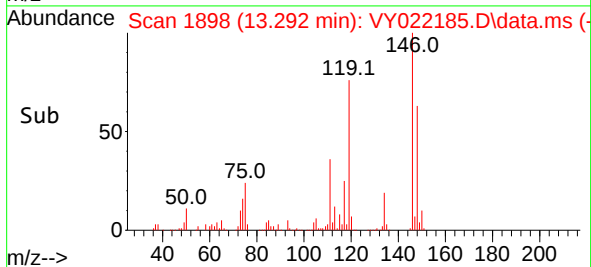
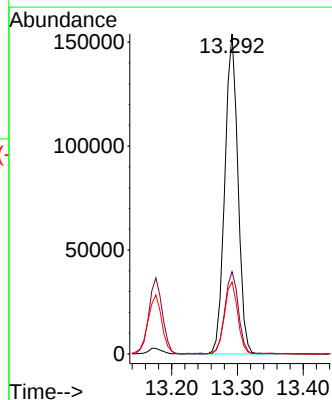
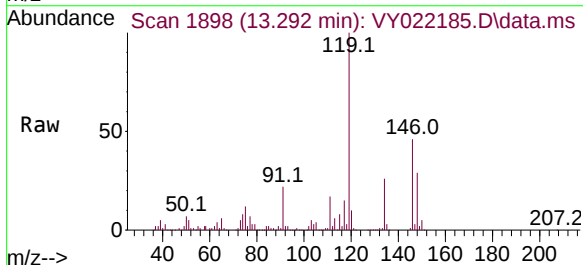
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBSD01

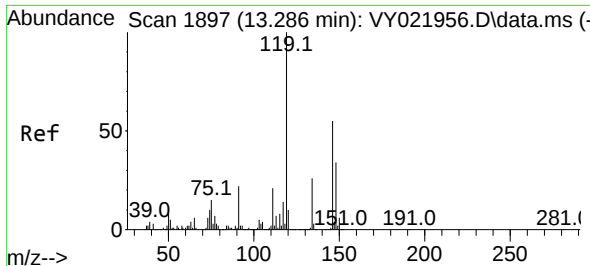
Tgt Ion:105 Resp: 255090
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 19.993 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022185.D
 Acq: 07 May 2025 11:20

Tgt Ion:119 Resp: 213862
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.6 40.7
 91 22.7 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 19.989 ug/l

RT: 13.286 min Scan# 119506

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBSD01

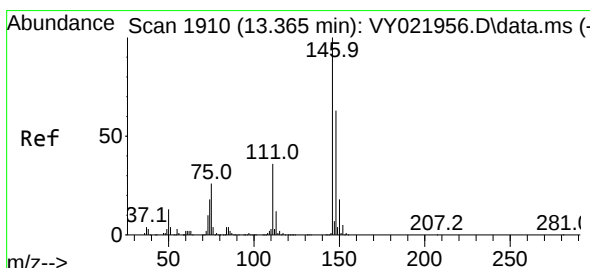
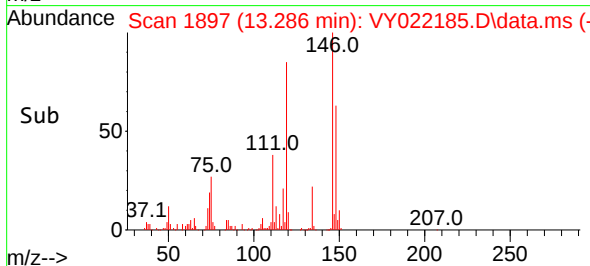
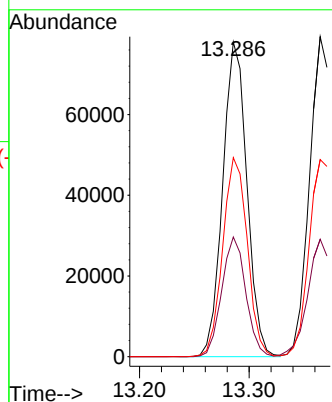
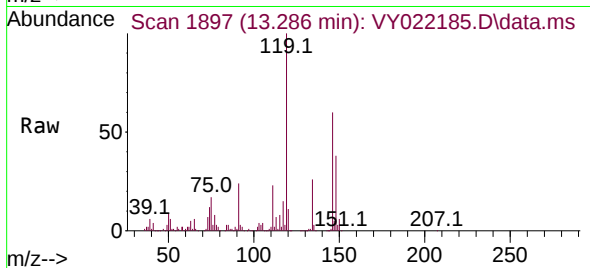
Tgt Ion:146 Resp: 119506

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.5

148 64.3 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.493 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

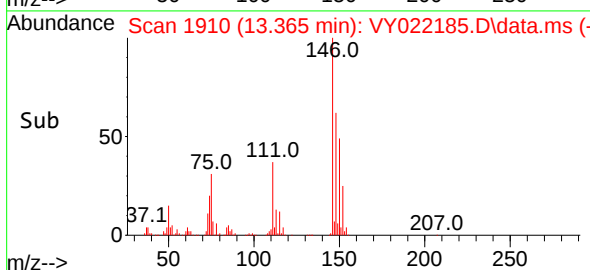
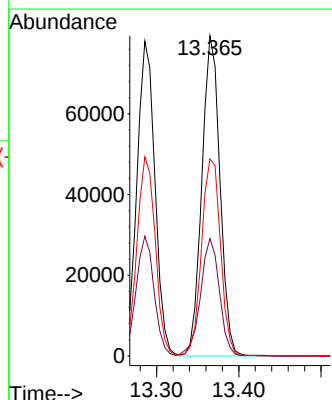
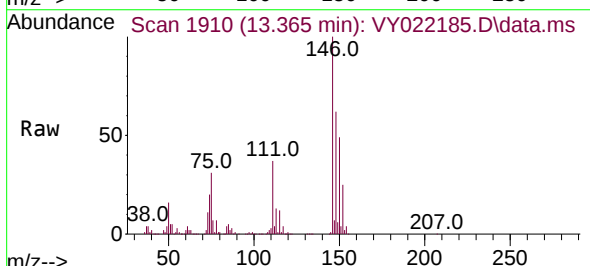
Tgt Ion:146 Resp: 121346

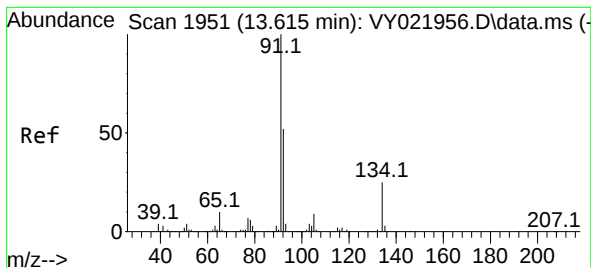
Ion Ratio Lower Upper

146 100

111 37.9 19.2 57.6

148 64.6 32.0 96.0





#89

n-Butylbenzene

Concen: 19.673 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

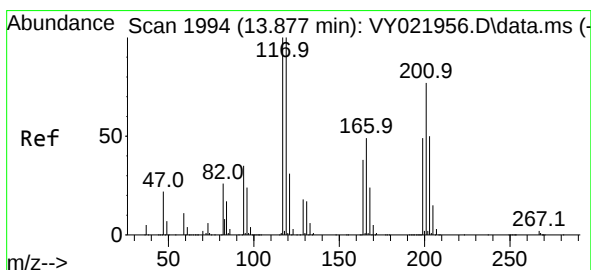
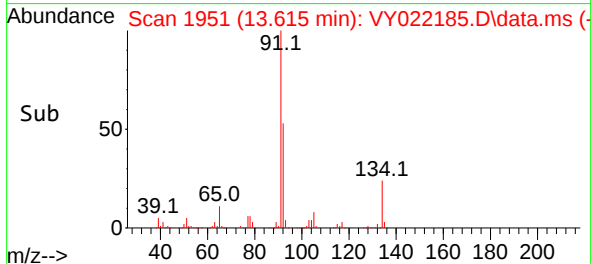
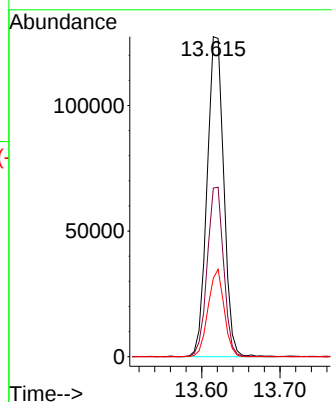
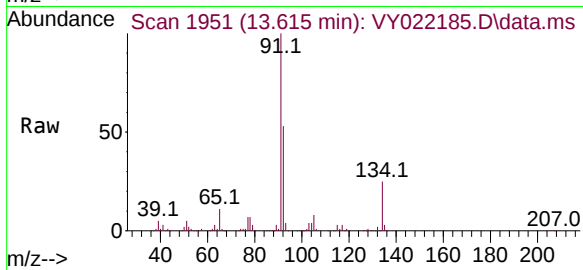
Tgt Ion: 91 Resp: 188093

Ion Ratio Lower Upper

91 100

92 52.0 26.5 79.5

134 26.1 13.4 40.1



#90

Hexachloroethane

Concen: 20.848 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022185.D

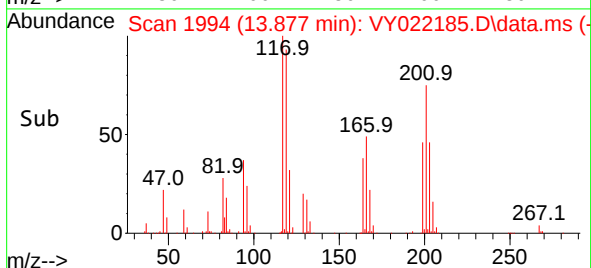
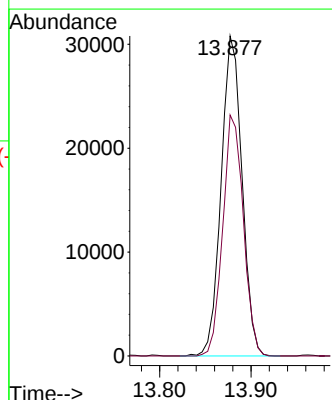
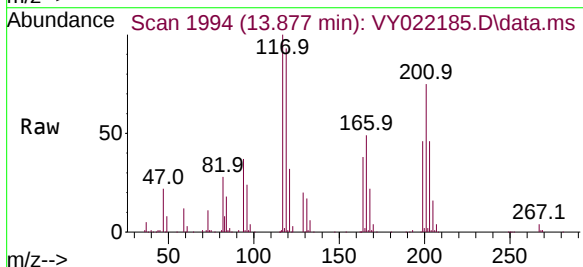
Acq: 07 May 2025 11:20

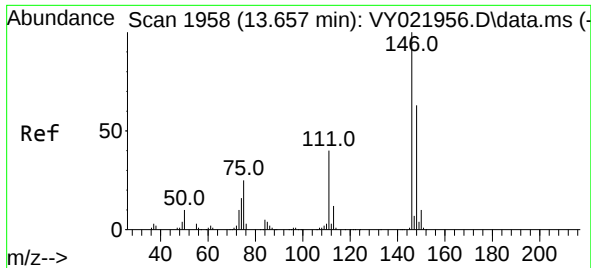
Tgt Ion: 117 Resp: 48997

Ion Ratio Lower Upper

117 100

201 74.1 38.7 116.1

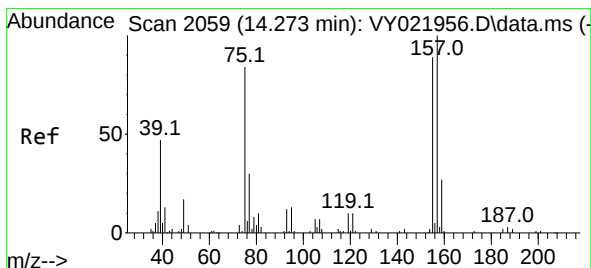
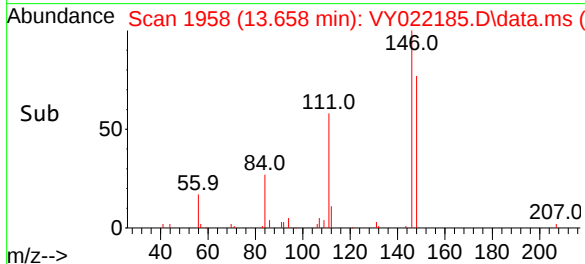
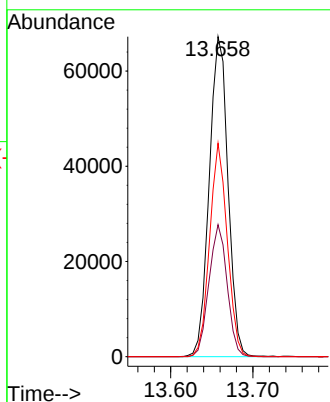
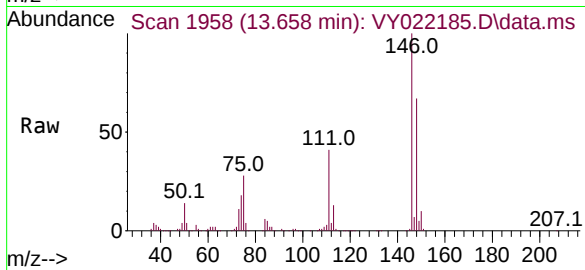




#91
1,2-Dichlorobenzene
Concen: 20.462 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

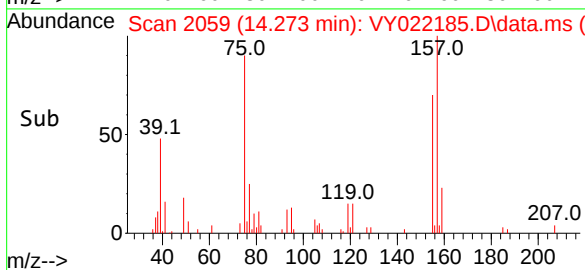
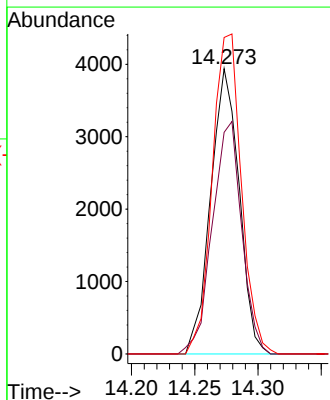
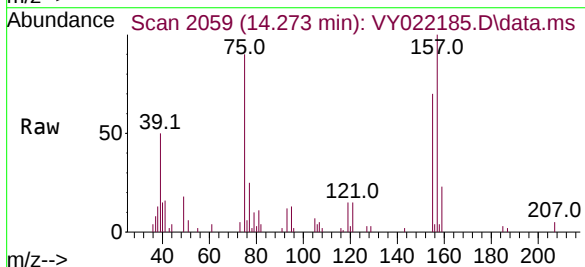
Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

Tgt Ion:146 Resp: 106702
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.1
148 62.6 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.710 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022185.D
Acq: 07 May 2025 11:20

Tgt Ion: 75 Resp: 6159
Ion Ratio Lower Upper
75 100
155 83.9 50.7 152.3
157 114.4 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 17.941 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

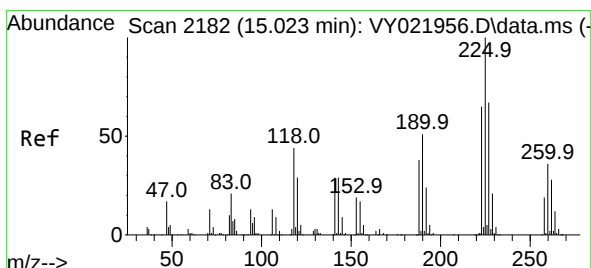
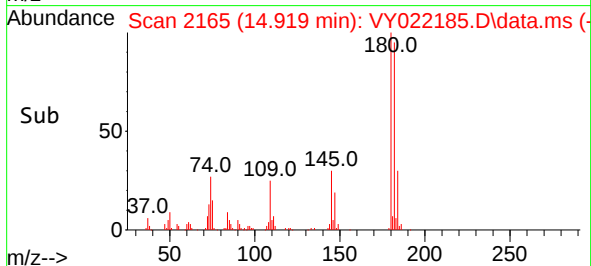
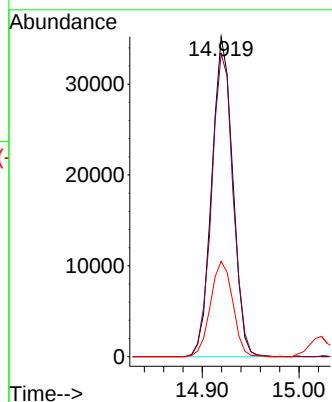
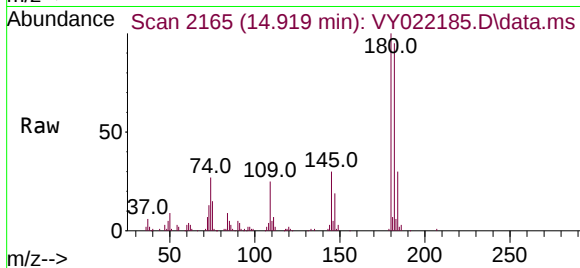
Tgt Ion:180 Resp: 53015

Ion Ratio Lower Upper

180 100

182 97.0 47.1 141.4

145 31.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 18.797 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

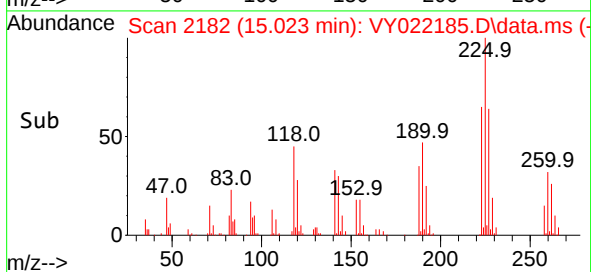
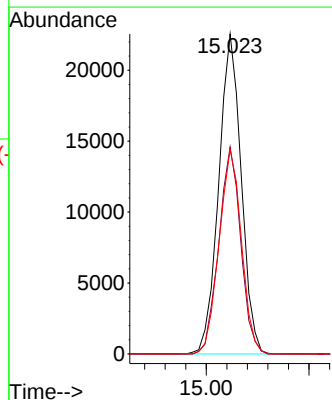
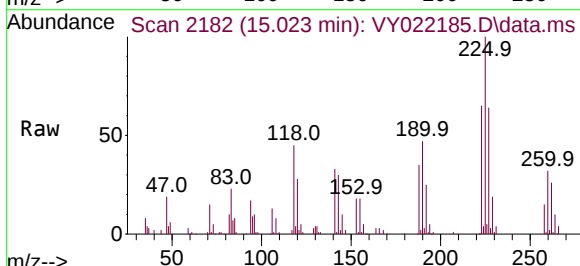
Tgt Ion:225 Resp: 34174

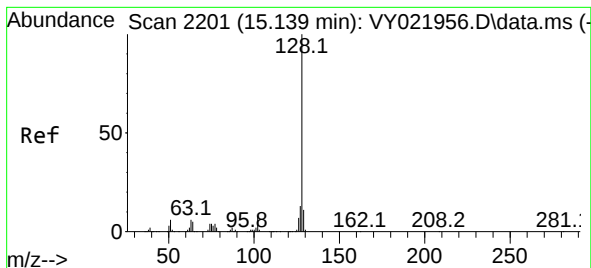
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.5

227 63.4 32.3 96.9





#95

Naphthalene

Concen: 16.303 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0507SBS01

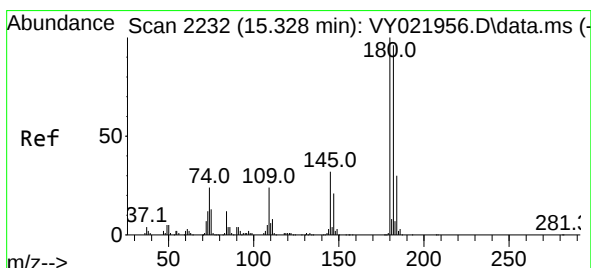
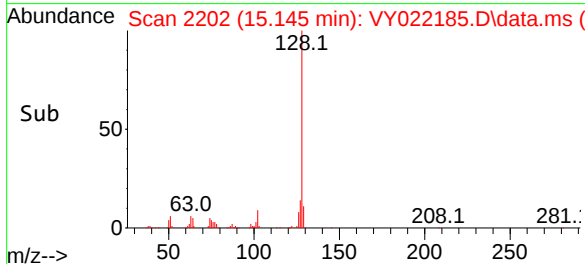
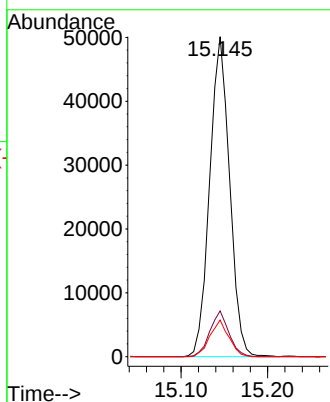
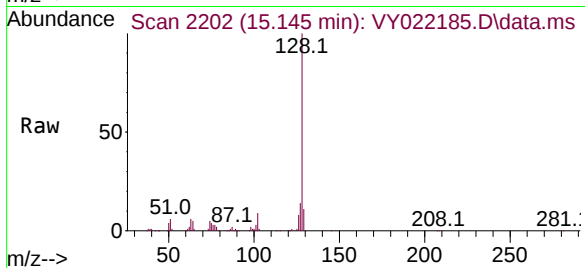
Tgt Ion:128 Resp: 80026

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.019 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022185.D

Acq: 07 May 2025 11:20

Tgt Ion:180 Resp: 45963

Ion Ratio Lower Upper

180 100

182 93.6 48.1 144.4

145 32.5 16.0 48.0

