

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021283.D
 Acq On : 21 Feb 2025 14:14
 Operator : SY/MD
 Sample : VY0221SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBS02

Quant Time: Feb 21 23:07:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	137888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	217782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	186058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	96893	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	73580	52.082	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.160%	
35) Dibromofluoromethane	7.646	113	69816	50.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.040%	
50) Toluene-d8	10.115	98	260611	49.047	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.100%	
62) 4-Bromofluorobenzene	12.414	95	88816	51.164	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	30365	24.708	ug/l	97
3) Chloromethane	2.074	50	33368	27.515	ug/l	98
4) Vinyl Chloride	2.208	62	33392	27.356	ug/l	96
5) Bromomethane	2.598	94	19686	26.094	ug/l	95
6) Chloroethane	2.739	64	19801	27.251	ug/l	90
7) Trichlorofluoromethane	3.068	101	49364	22.198	ug/l	96
8) Diethyl Ether	3.458	74	13825	19.915	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.824	101	30071	21.546	ug/l	97
10) Methyl Iodide	4.013	142	29760	19.193	ug/l	93
11) Tert butyl alcohol	4.878	59	9147	95.543	ug/l #	91
12) 1,1-Dichloroethene	3.799	96	27182	20.675	ug/l	89
13) Acrolein	3.665	56	11470	77.803	ug/l	97
14) Allyl chloride	4.391	41	47204	21.303	ug/l	92
15) Acrylonitrile	5.067	53	29492	102.019	ug/l	99
16) Acetone	3.879	43	26356	119.627	ug/l	93
17) Carbon Disulfide	4.116	76	89930	21.814	ug/l	99
18) Methyl Acetate	4.391	43	15728	20.336	ug/l	93
19) Methyl tert-butyl Ether	5.128	73	66902	20.133	ug/l	97
20) Methylene Chloride	4.622	84	30889	22.553	ug/l	88
21) trans-1,2-Dichloroethene	5.128	96	30090	20.792	ug/l	88
22) Diisopropyl ether	6.031	45	101293	22.178	ug/l	96
23) Vinyl Acetate	5.970	43	271276	106.548	ug/l	97
24) 1,1-Dichloroethane	5.927	63	57603	21.527	ug/l	97
25) 2-Butanone	6.903	43	38895	107.432	ug/l	98
26) 2,2-Dichloropropane	6.896	77	51432	20.773	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	35010	21.017	ug/l	93
28) Bromochloromethane	7.256	49	21490	20.310	ug/l	94
29) Tetrahydrofuran	7.274	42	25385	103.620	ug/l	91
30) Chloroform	7.427	83	58467	21.272	ug/l	99
31) Cyclohexane	7.713	56	51482	21.365	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	53287	20.853	ug/l	99
36) 1,1-Dichloropropene	7.847	75	42751	20.680	ug/l	99
37) Ethyl Acetate	6.994	43	18546	20.450	ug/l	97
38) Carbon Tetrachloride	7.829	117	48659	20.144	ug/l	98
39) Methylcyclohexane	9.116	83	52003	20.566	ug/l	98
40) Benzene	8.085	78	127793	21.065	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	8202	15.633	ug/l #	82
42) 1,2-Dichloroethane	8.165	62	34743	20.645	ug/l	97
43) Isopropyl Acetate	8.201	43	36383	20.190	ug/l #	85
44) Trichloroethene	8.872	130	30759	19.624	ug/l	99
45) 1,2-Dichloropropane	9.146	63	29769	20.674	ug/l	90
46) Dibromomethane	9.244	93	16160	20.269	ug/l	97
47) Bromodichloromethane	9.433	83	43647	20.413	ug/l	94
48) Methyl methacrylate	9.231	41	16750	20.406	ug/l	88
49) 1,4-Dioxane	9.237	88	2866	386.155	ug/l #	88
51) 4-Methyl-2-Pentanone	10.006	43	91778	101.281	ug/l	94
52) Toluene	10.176	92	79030	20.747	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	37751	19.663	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	45565	20.044	ug/l #	89
55) 1,1,2-Trichloroethane	10.579	97	20239	19.604	ug/l	95
56) Ethyl methacrylate	10.445	69	25245	18.279	ug/l #	87
57) 1,3-Dichloropropane	10.725	76	35601	19.923	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	54205	82.496	ug/l	98
59) 2-Hexanone	10.768	43	59185	101.440	ug/l	93
60) Dibromochloromethane	10.920	129	27752	19.141	ug/l	100
61) 1,2-Dibromoethane	11.018	107	18444	19.073	ug/l	97
64) Tetrachloroethene	10.652	164	28312	20.498	ug/l	94
65) Chlorobenzene	11.450	112	82795	19.985	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.524	131	28741	19.522	ug/l	98
67) Ethyl Benzene	11.524	91	147318	20.104	ug/l	100
68) m/p-Xylenes	11.633	106	110072	40.153	ug/l	97
69) o-Xylene	11.963	106	50842	19.893	ug/l	97
70) Styrene	11.975	104	85844	20.153	ug/l	98
71) Bromoform	12.139	173	15453	18.857	ug/l #	97
73) Isopropylbenzene	12.261	105	137963	18.228	ug/l	100
74) N-amyl acetate	12.078	43	30227	18.267	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.511	83	22792	18.107	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	29741	33.837	ug/l #	100
77) Bromobenzene	12.536	156	31632	18.111	ug/l	94
78) n-propylbenzene	12.603	91	170503	18.911	ug/l	100
79) 2-Chlorotoluene	12.688	91	93980	18.199	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	115502	18.822	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	7203	16.722	ug/l	90
82) 4-Chlorotoluene	12.786	91	101045	19.205	ug/l	98
83) tert-Butylbenzene	13.005	119	100673	18.049	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	111905	18.651	ug/l	99
85) sec-Butylbenzene	13.182	105	150407	18.733	ug/l	99
86) p-Isopropyltoluene	13.298	119	124229	18.626	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	61929	18.363	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	61861	18.630	ug/l	99
89) n-Butylbenzene	13.627	91	114476	18.814	ug/l	99
90) Hexachloroethane	13.889	117	26155	18.798	ug/l	91
91) 1,2-Dichlorobenzene	13.664	146	54557	18.639	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3286	17.469	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	29058	17.835	ug/l	98
94) Hexachlorobutadiene	15.029	225	20632	19.109	ug/l	99
95) Naphthalene	15.151	128	44435	17.047	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	24411	18.003	ug/l	96

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ALS Vial : 12 Sample Multiplier: 1

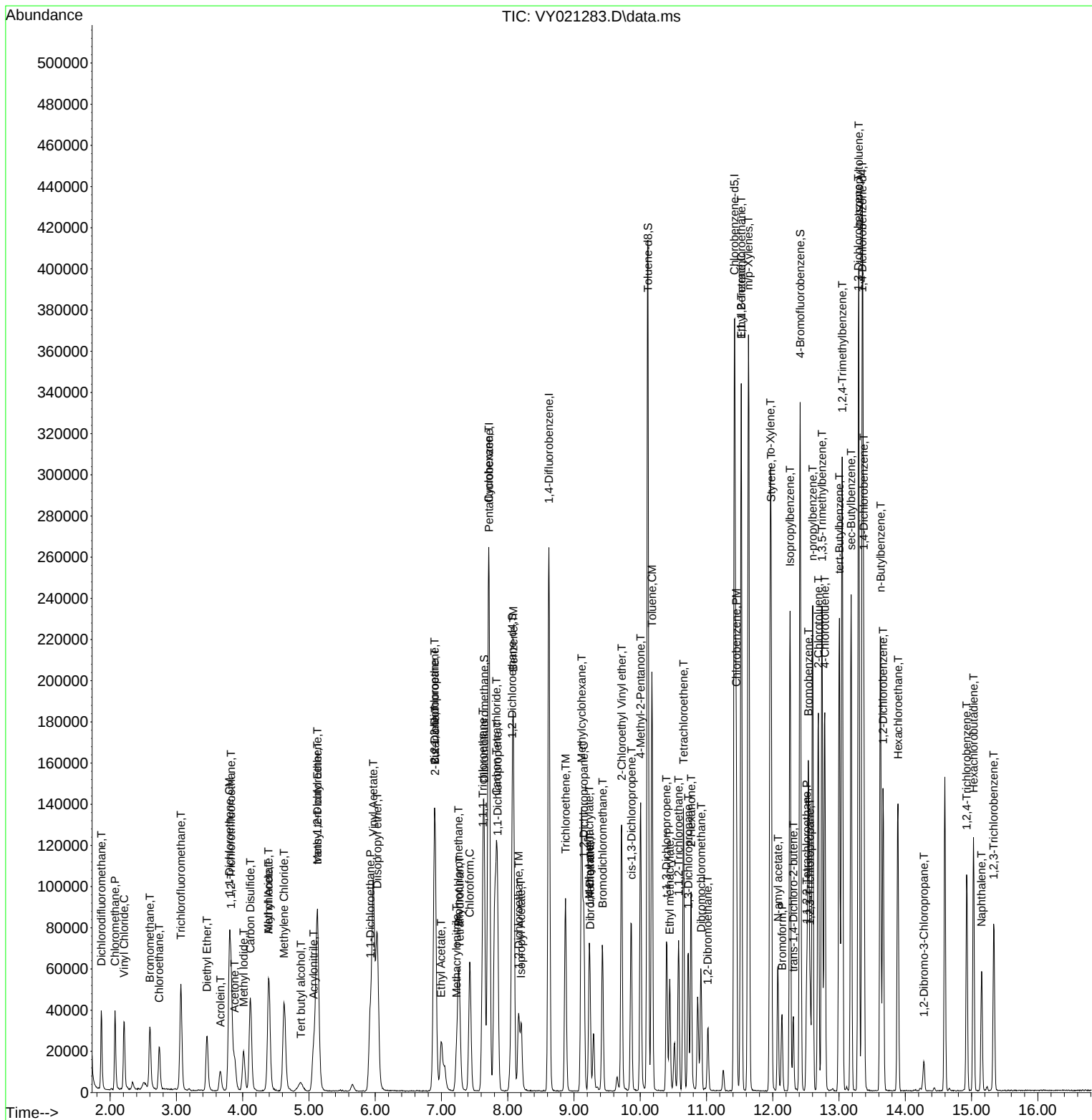
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

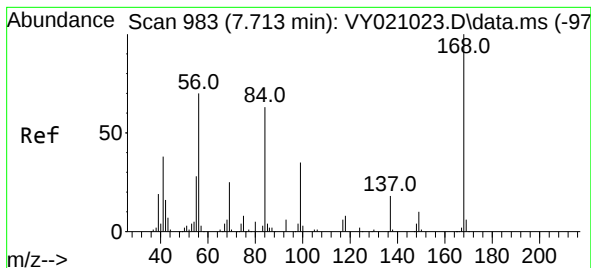
Quant Time: Feb 21 23:07:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

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

Quant Time: Feb 21 23:07:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.719 min Scan# 983

Delta R.T. 0.006 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

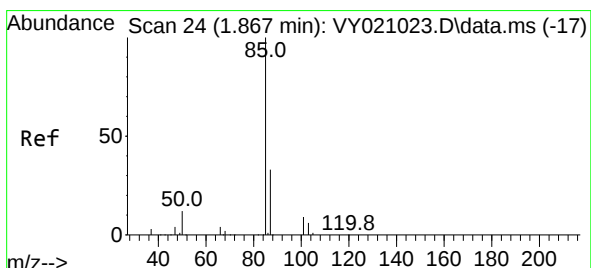
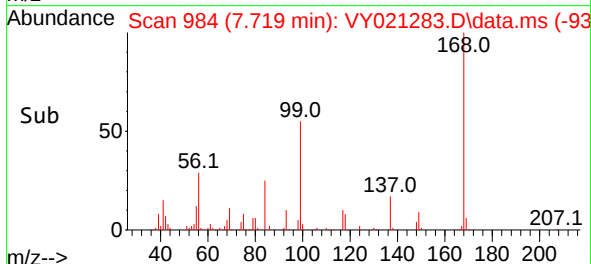
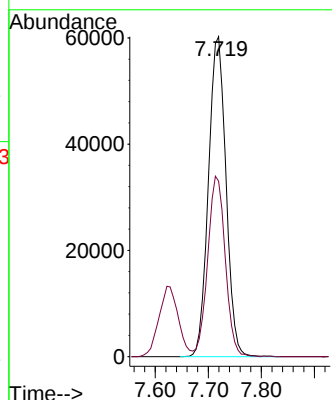
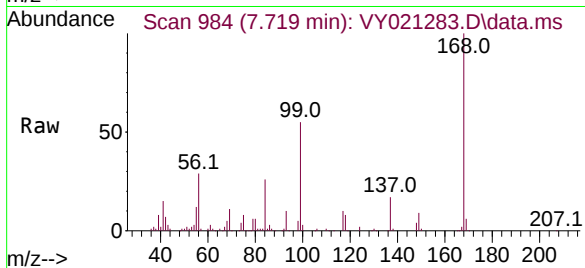
VY0221SBSD02

Tgt Ion:168 Resp: 137888

Ion Ratio Lower Upper

168 100

99 54.8 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 24.708 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.000 min

Lab File: VY021283.D

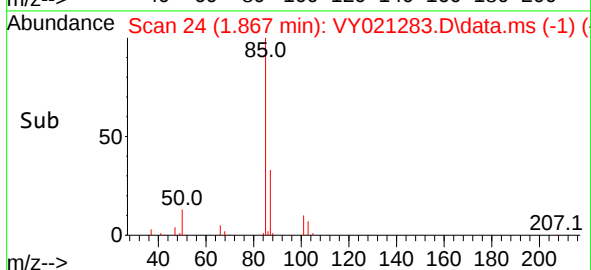
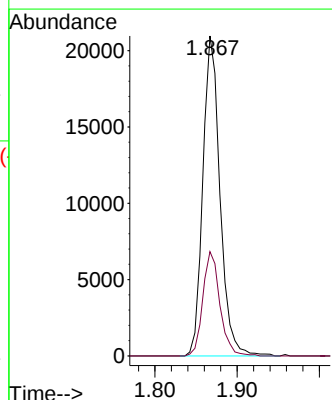
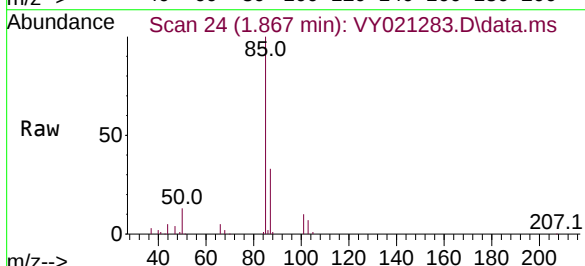
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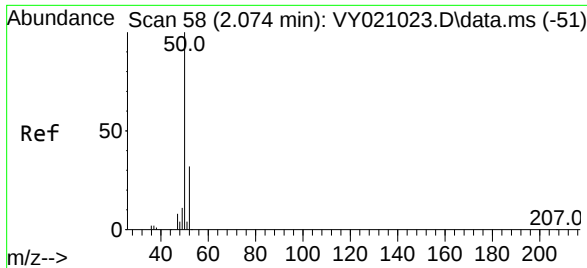
Tgt Ion: 85 Resp: 30365

Ion Ratio Lower Upper

85 100

87 32.6 17.1 51.3

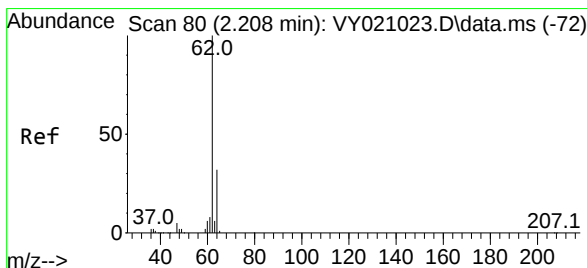
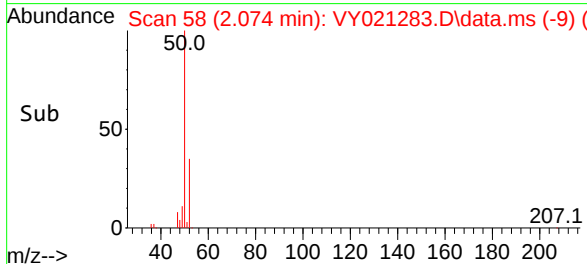
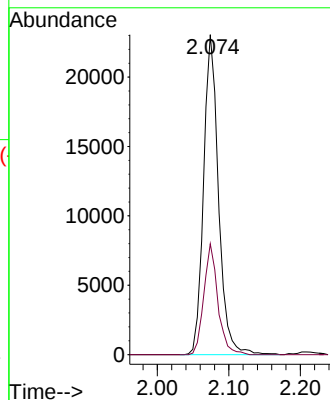
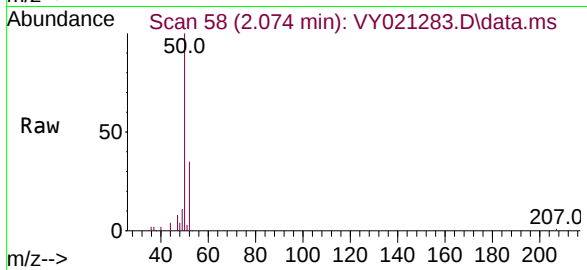




#3
Chloromethane
Concen: 27.515 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

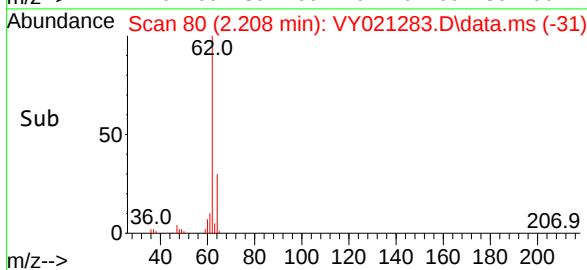
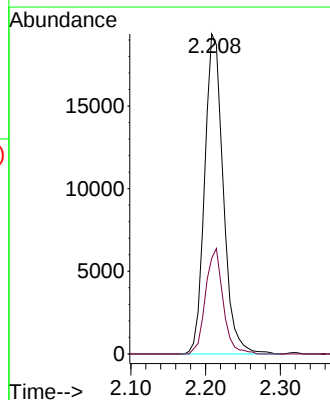
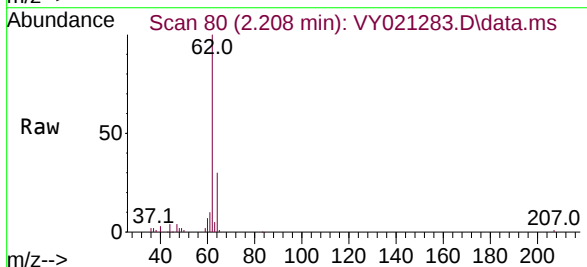
Instrument :
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VY0221SBSD02

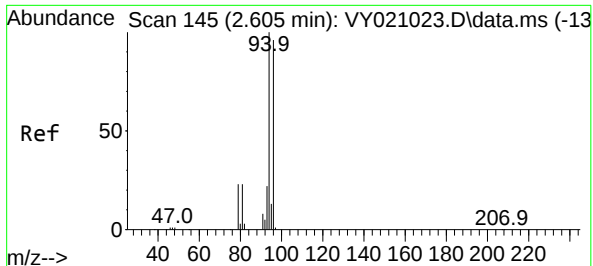
Tgt Ion: 50 Resp: 33368
Ion Ratio Lower Upper
50 100
52 34.6 26.7 40.1



#4
Vinyl Chloride
Concen: 27.356 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 62 Resp: 33392
Ion Ratio Lower Upper
62 100
64 29.9 25.7 38.5

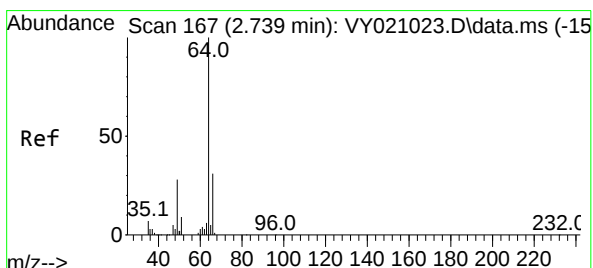
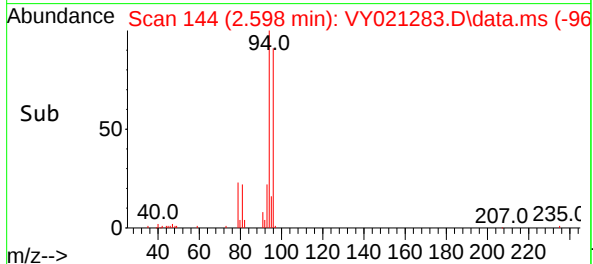
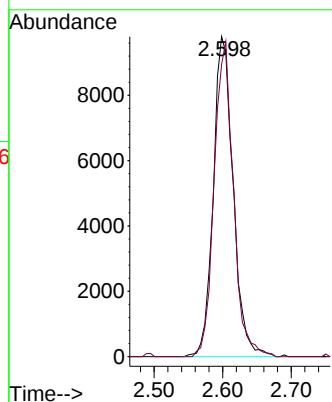
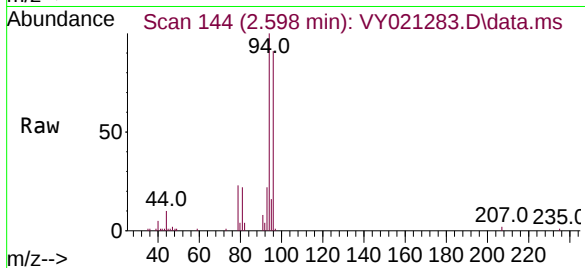




#5
Bromomethane
Concen: 26.094 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

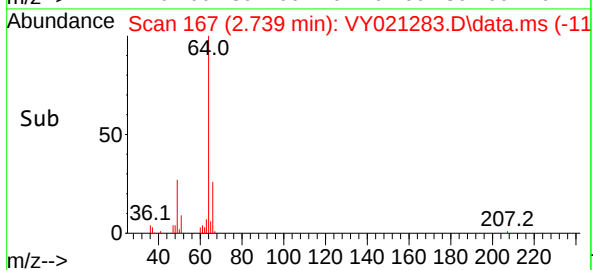
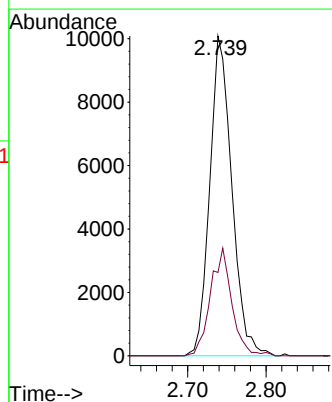
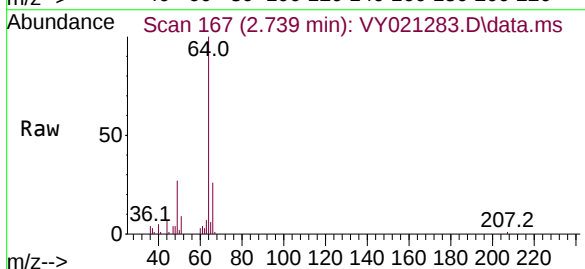
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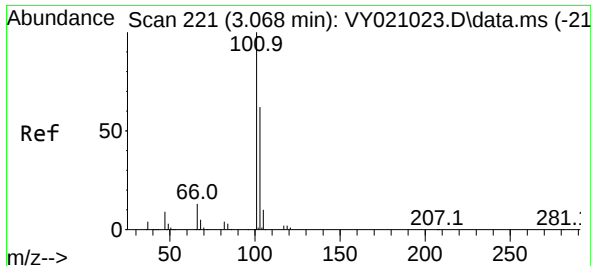
Tgt Ion: 94 Resp: 19686
Ion Ratio Lower Upper
94 100
96 91.4 77.3 115.9



#6
Chloroethane
Concen: 27.251 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 64 Resp: 19801
Ion Ratio Lower Upper
64 100
66 26.1 25.1 37.7

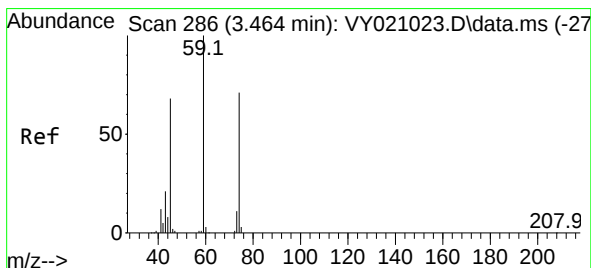
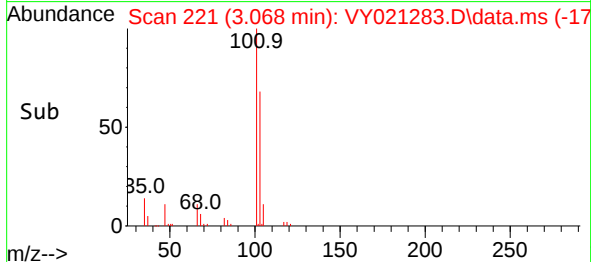
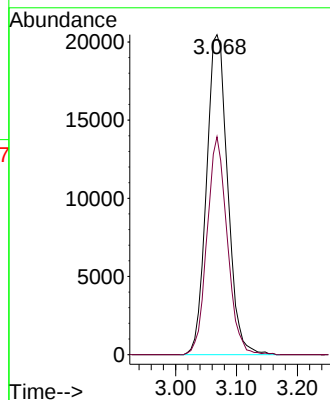
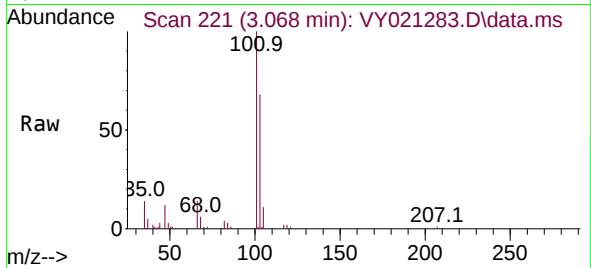




#7
 Trichlorofluoromethane
 Concen: 22.198 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY021283.D
 Acq: 21 Feb 2025 14:14

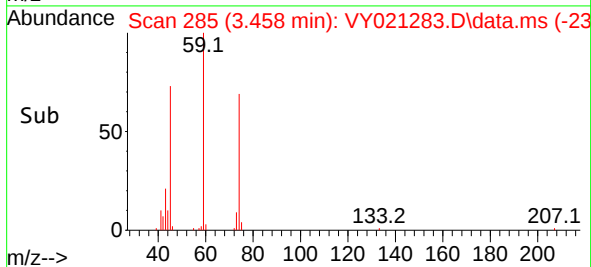
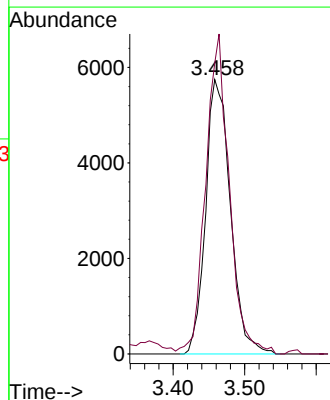
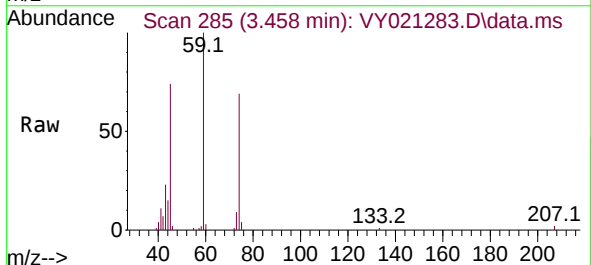
Instrument :
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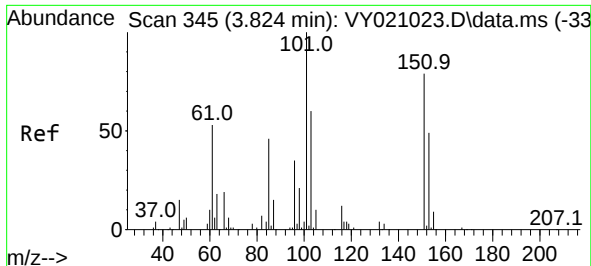
Tgt Ion:101 Resp: 49364
 Ion Ratio Lower Upper
 101 100
 103 68.1 51.9 77.9



#8
 Diethyl Ether
 Concen: 19.915 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY021283.D
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Tgt Ion: 74 Resp: 13825
 Ion Ratio Lower Upper
 74 100
 45 110.9 47.9 143.7

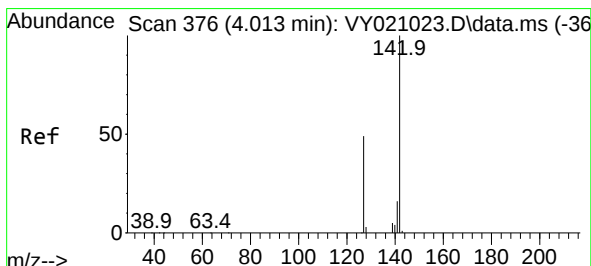
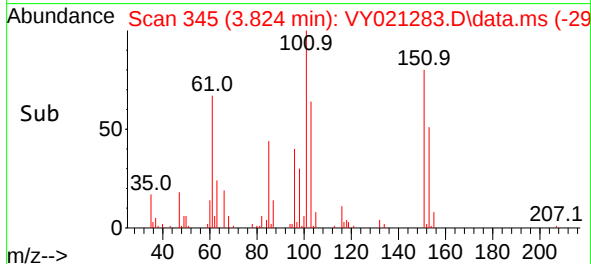
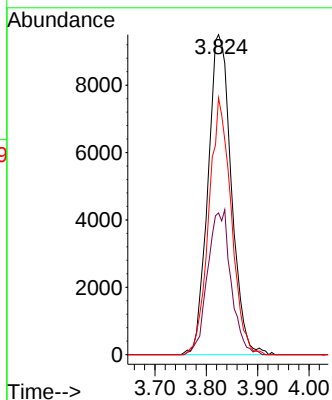
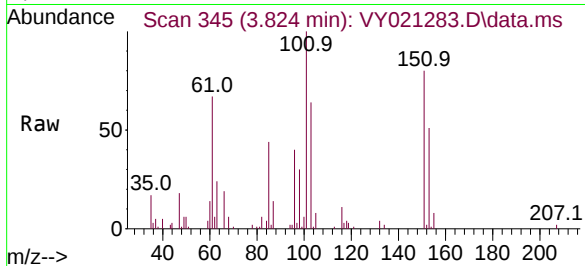




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.546 ug/l
RT: 3.824 min Scan# 345
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

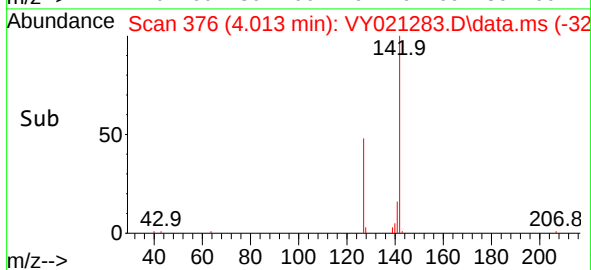
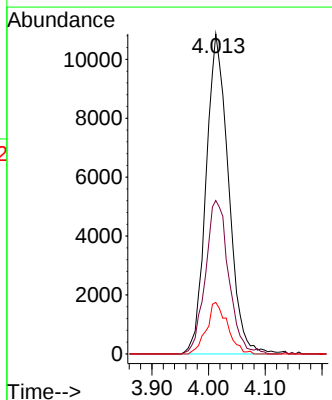
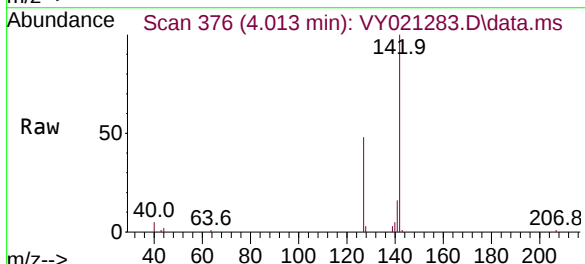
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

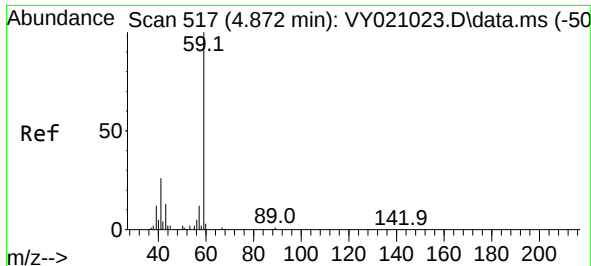
Tgt Ion:101	Resp:	30071
Ion Ratio	Lower	Upper
101	100	
85	45.1	35.8 53.6
151	76.5	58.6 88.0



#10
Methyl Iodide
Concen: 19.193 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion:142	Resp:	29760
Ion Ratio	Lower	Upper
142	100	
127	49.9	35.1 52.7
141	15.1	11.8 17.6

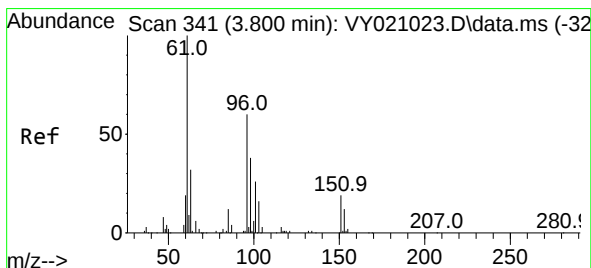
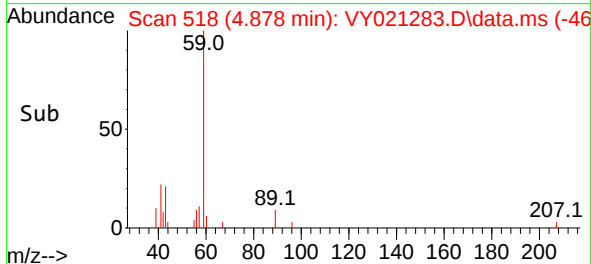
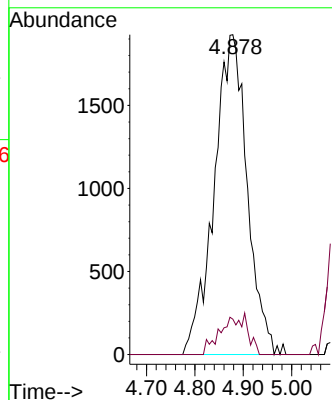
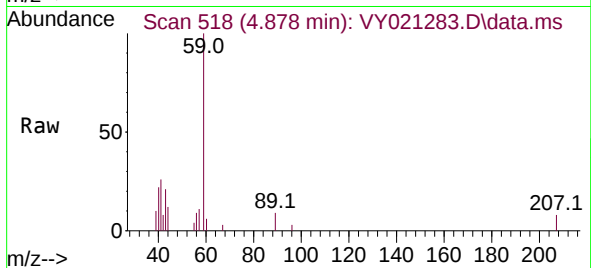




#11
Tert butyl alcohol
Concen: 95.543 ug/l
RT: 4.878 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

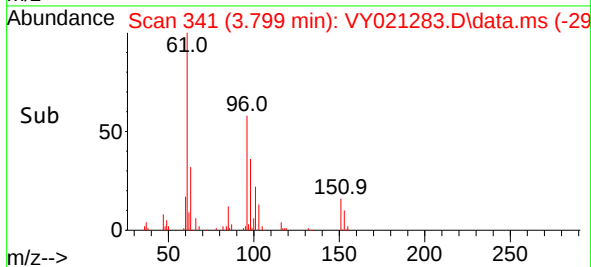
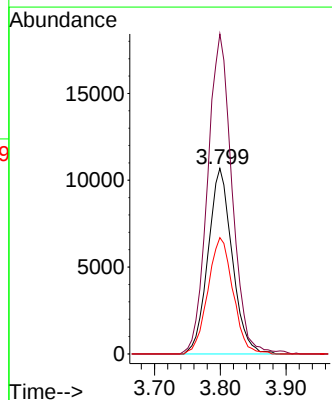
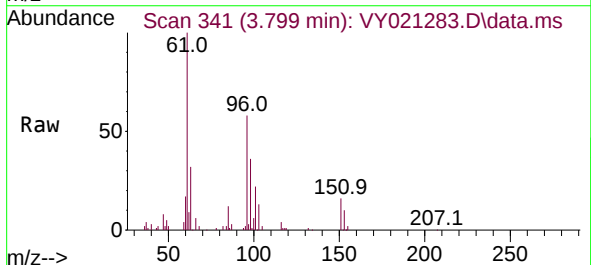
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

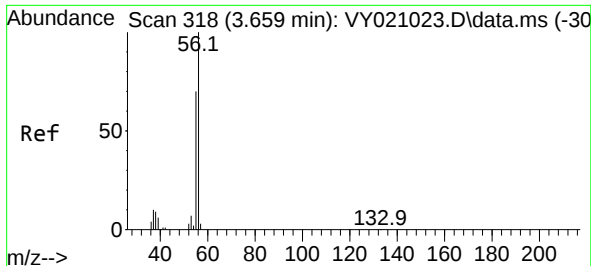
Tgt Ion: 59 Resp: 9147
Ion Ratio Lower Upper
59 100
57 6.1 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 20.675 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 96 Resp: 27182
Ion Ratio Lower Upper
96 100
61 172.6 124.2 186.2
98 62.7 52.6 79.0





#13

Acrolein

Concen: 77.803 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

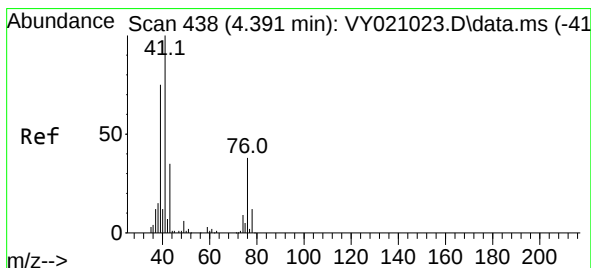
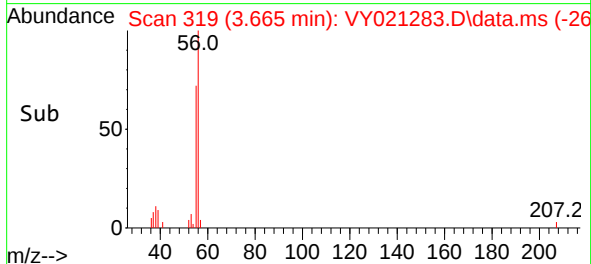
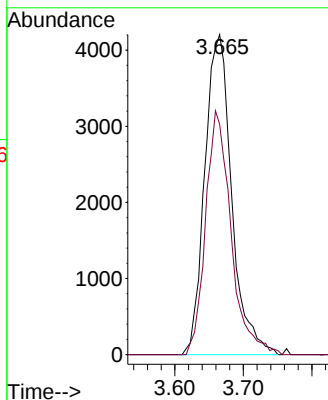
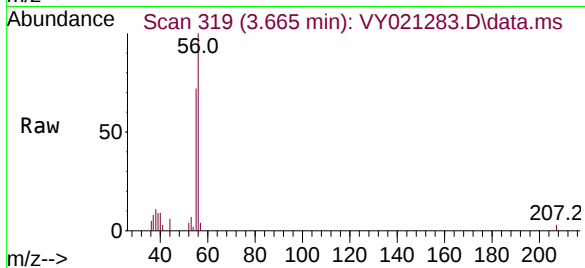
VY0221SBS02

Tgt Ion: 56 Resp: 11470

Ion Ratio Lower Upper

56 100

55 72.0 55.4 83.0



#14

Allyl chloride

Concen: 21.303 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

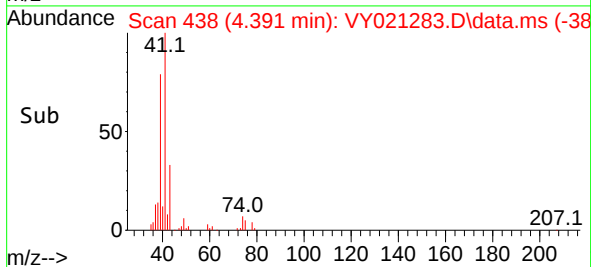
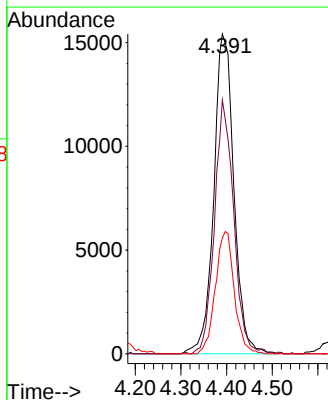
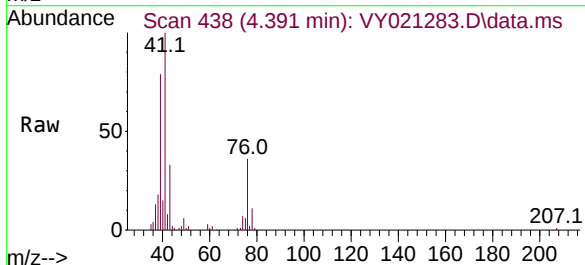
Tgt Ion: 41 Resp: 47204

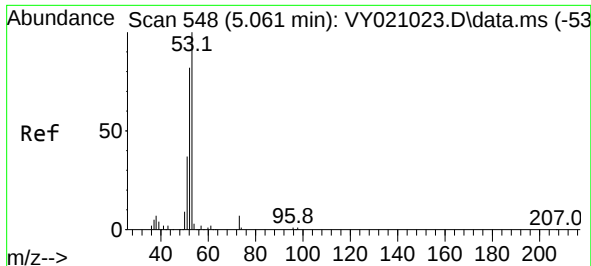
Ion Ratio Lower Upper

41 100

39 75.7 54.7 82.1

76 36.0 31.8 47.6

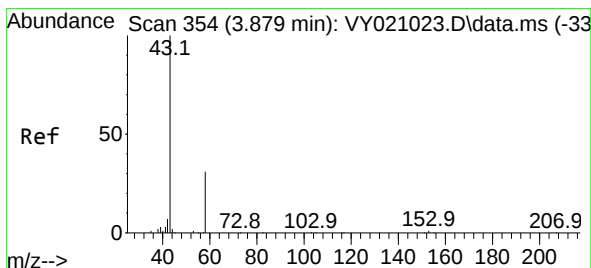
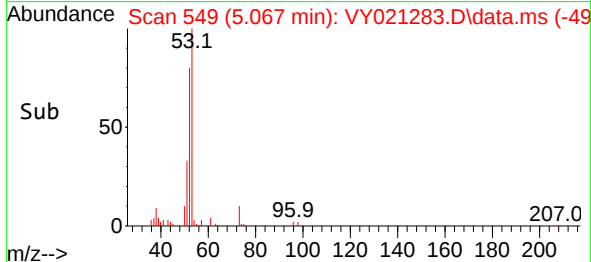
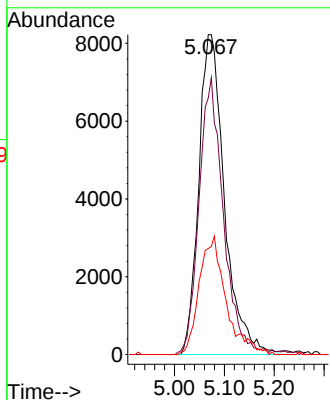
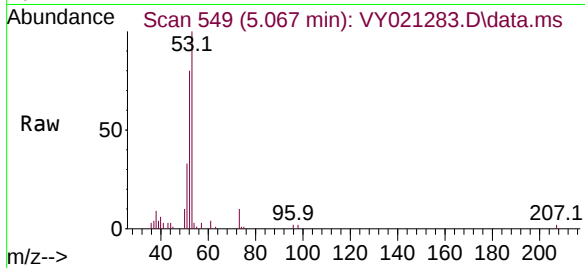




#15
Acrylonitrile
Concen: 102.019 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

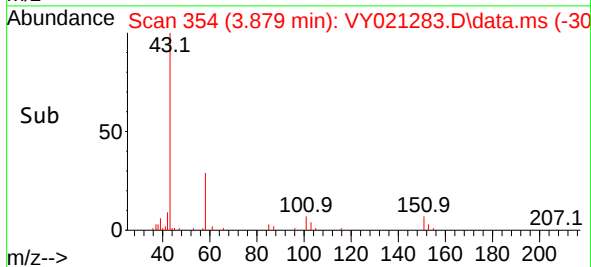
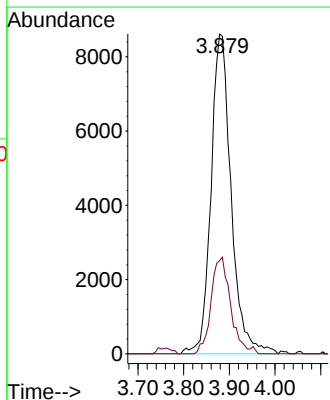
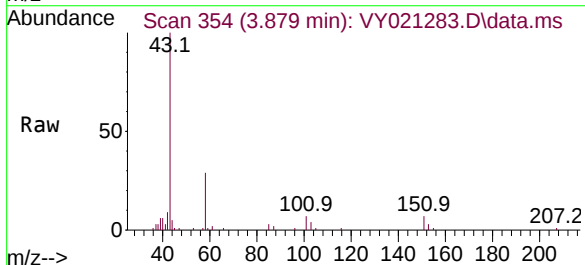
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

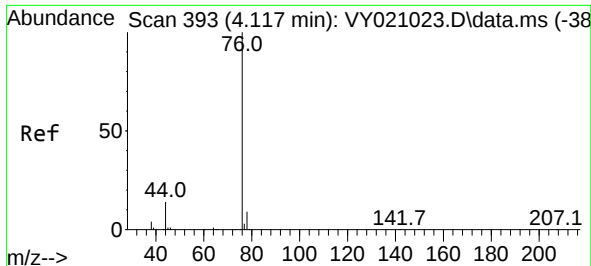
Tgt Ion:	53	Resp:	29492
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.1	97.7
51	38.4	29.0	43.4



#16
Acetone
Concen: 119.627 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion:	43	Resp:	26356
Ion	Ratio	Lower	Upper
43	100		
58	29.1	26.6	39.8

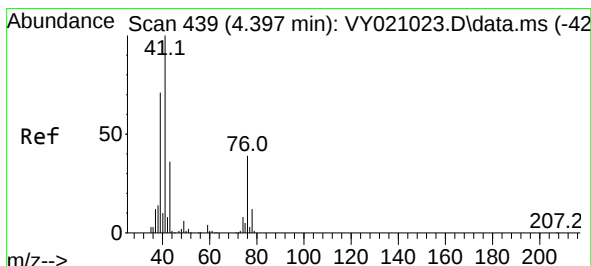
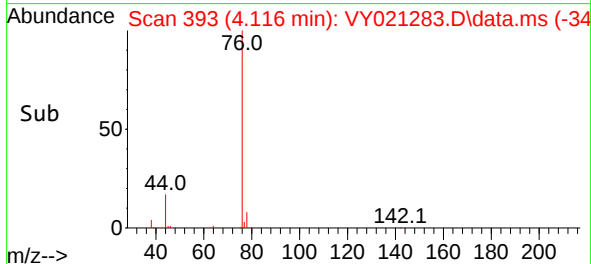
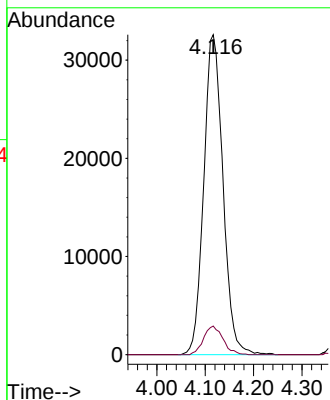
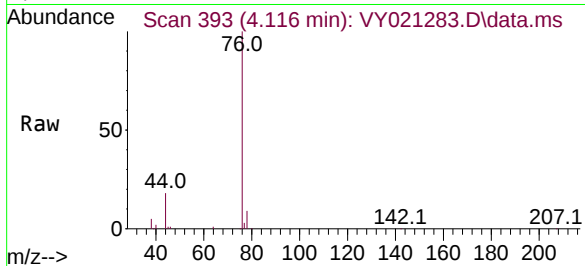




#17
Carbon Disulfide
Concen: 21.814 ug/l
RT: 4.116 min Scan# 393
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

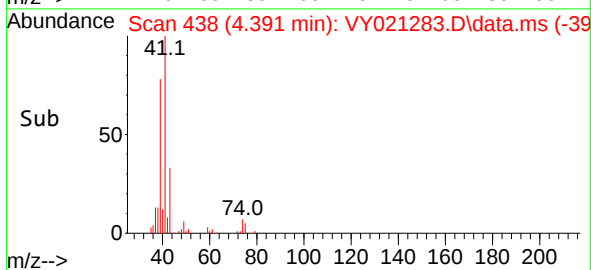
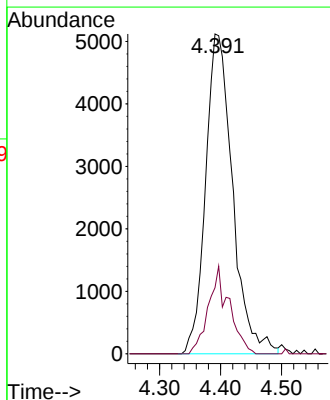
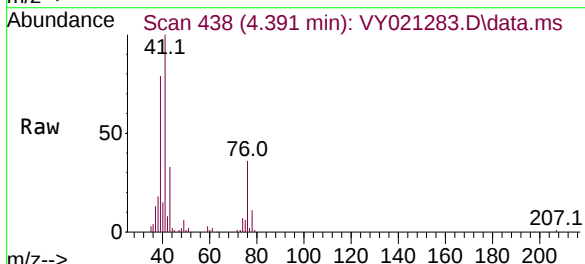
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

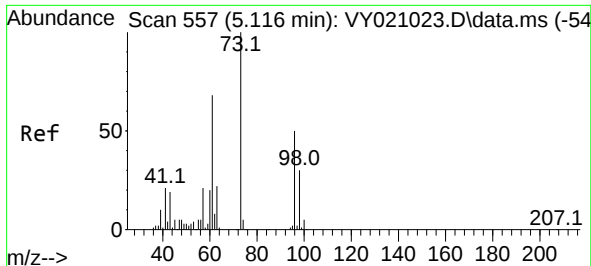
Tgt Ion: 76 Resp: 89930
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 20.336 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 43 Resp: 15728
Ion Ratio Lower Upper
43 100
74 21.2 19.8 29.6

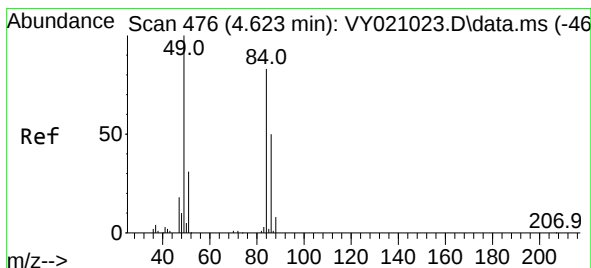
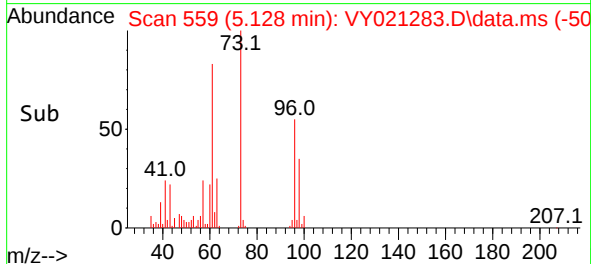
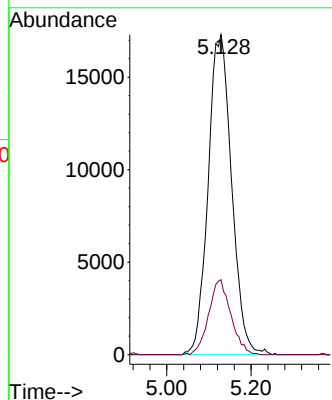
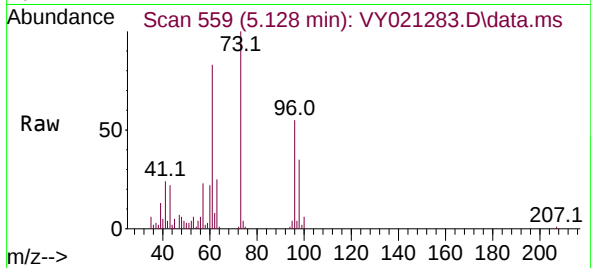




#19
Methyl tert-butyl Ether
Concen: 20.133 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

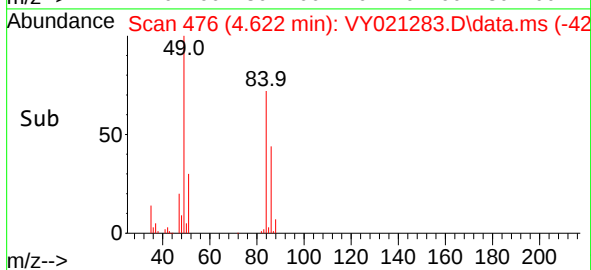
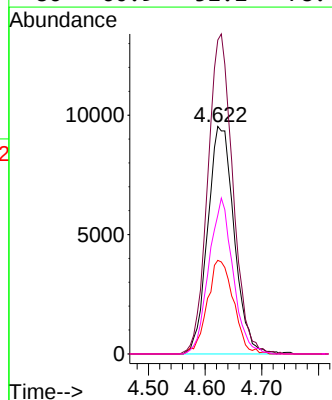
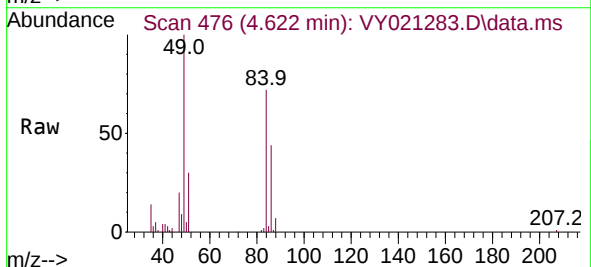
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

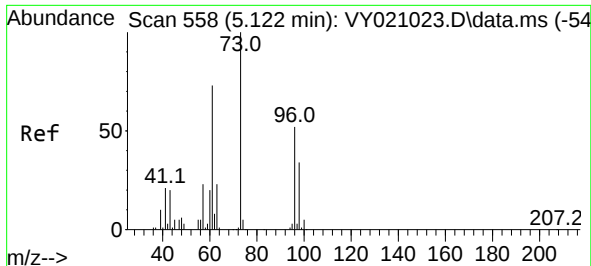
Tgt Ion: 73 Resp: 66902
Ion Ratio Lower Upper
73 100
57 23.4 17.7 26.5



#20
Methylene Chloride
Concen: 22.553 ug/l
RT: 4.622 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 84 Resp: 30889
Ion Ratio Lower Upper
84 100
49 138.0 95.2 142.8
51 41.1 29.9 44.9
86 60.9 52.2 78.4

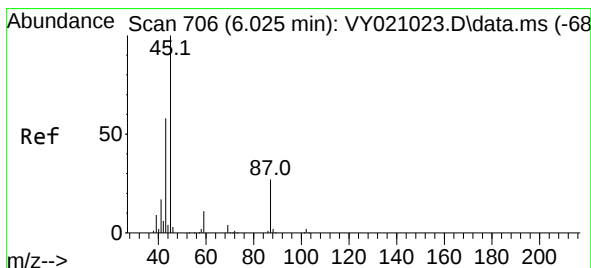
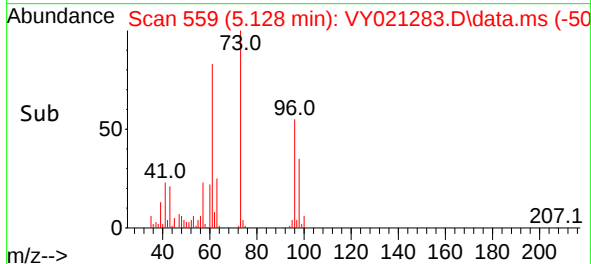
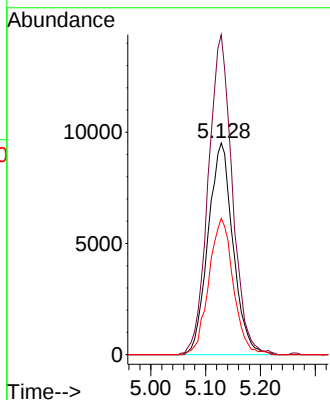
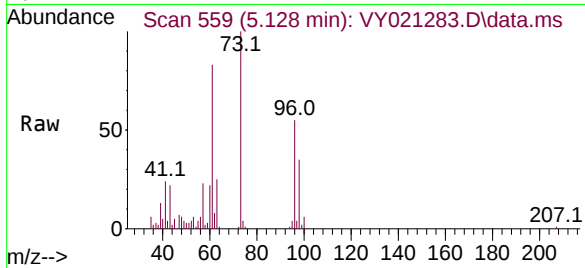




#21
trans-1,2-Dichloroethene
Concen: 20.792 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

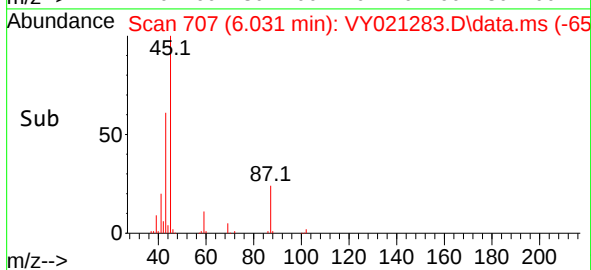
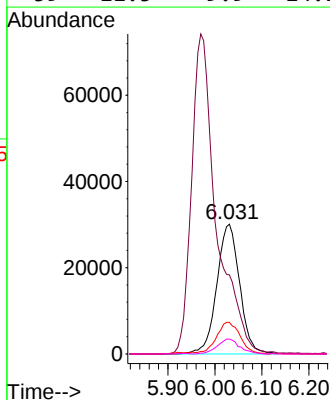
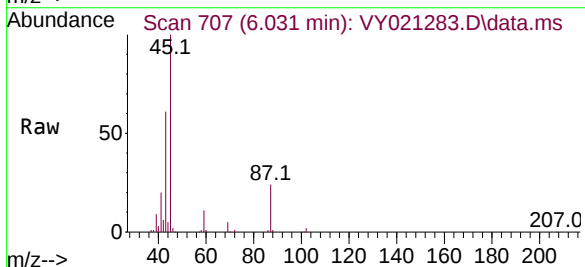
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

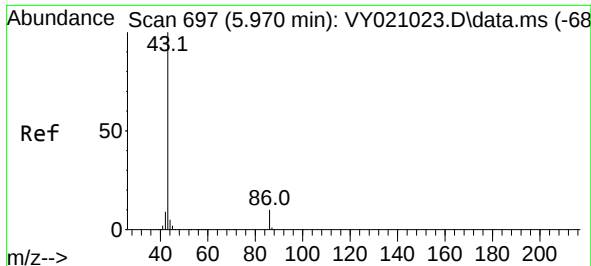
Tgt Ion: 96 Resp: 30090
Ion Ratio Lower Upper
96 100
61 151.2 104.6 156.8
98 64.3 50.9 76.3



#22
Diisopropyl ether
Concen: 22.178 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 45 Resp: 101293
Ion Ratio Lower Upper
45 100
43 60.1 46.8 70.2
87 24.1 22.2 33.2
59 11.5 9.9 14.9





#23

Vinyl Acetate

Concen: 106.548 ug/l

RT: 5.970 min Scan# 697

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

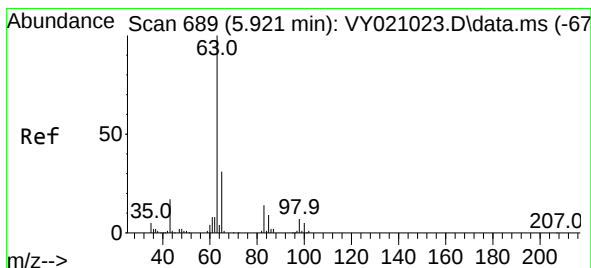
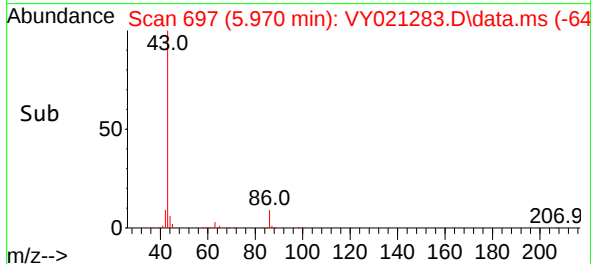
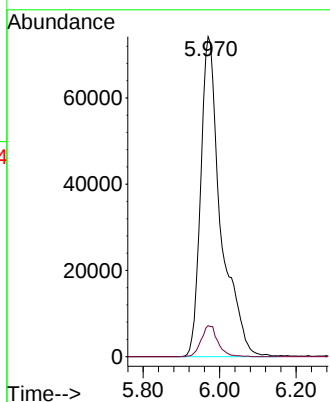
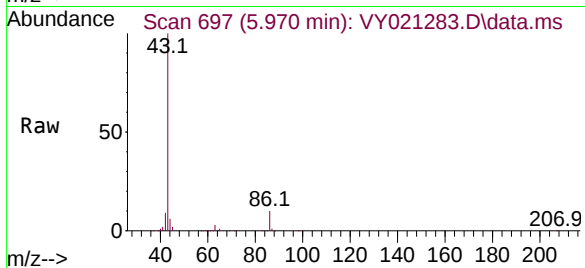
VY0221SBSD02

Tgt Ion: 43 Resp: 271276

Ion Ratio Lower Upper

43 100

86 9.7 8.6 13.0



#24

1,1-Dichloroethane

Concen: 21.527 ug/l

RT: 5.927 min Scan# 690

Delta R.T. 0.006 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

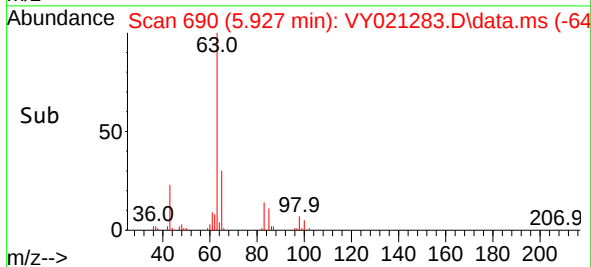
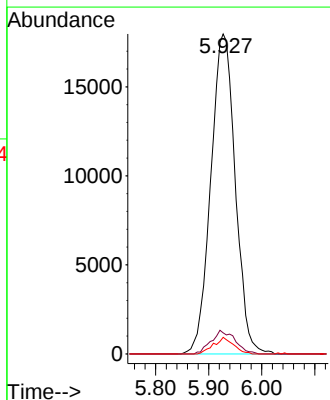
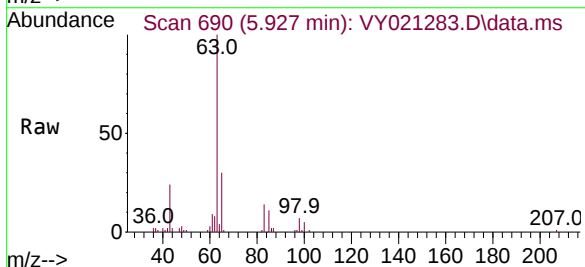
Tgt Ion: 63 Resp: 57603

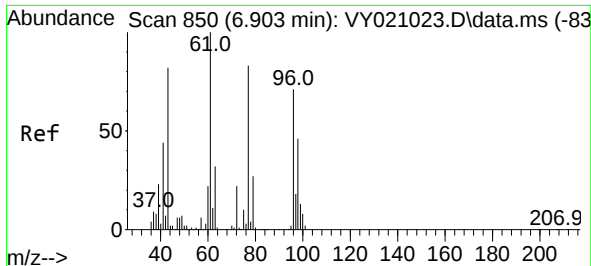
Ion Ratio Lower Upper

63 100

98 6.6 3.8 11.4

100 5.2 2.1 6.2

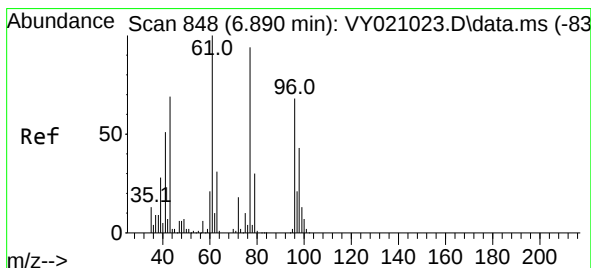
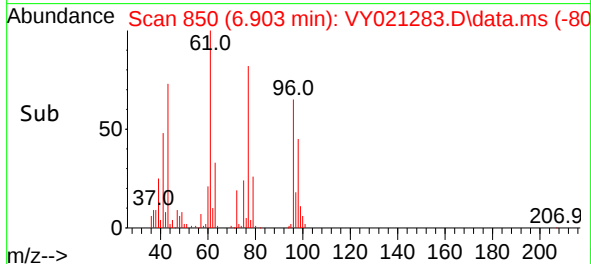
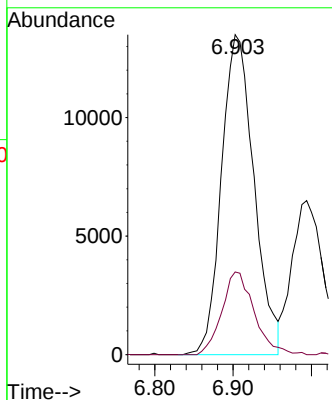
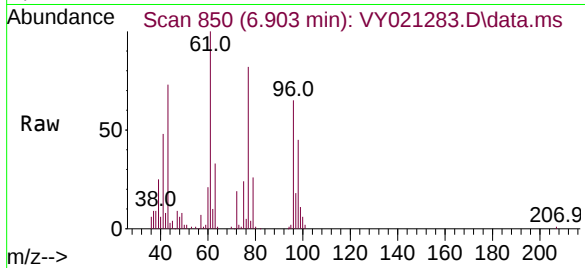




#25
2-Butanone
Concen: 107.432 ug/l
RT: 6.903 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

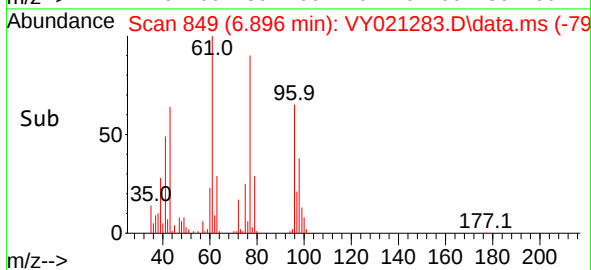
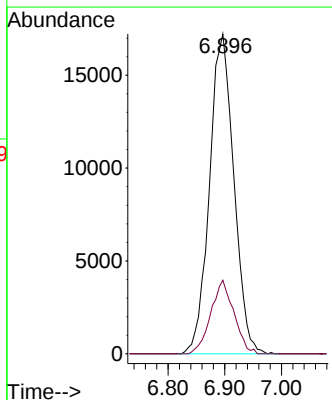
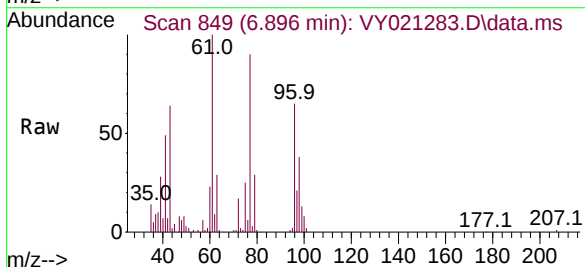
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

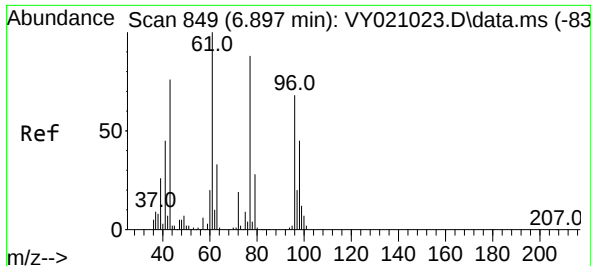
Tgt Ion: 43 Resp: 38895
Ion Ratio Lower Upper
43 100
72 25.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 20.773 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

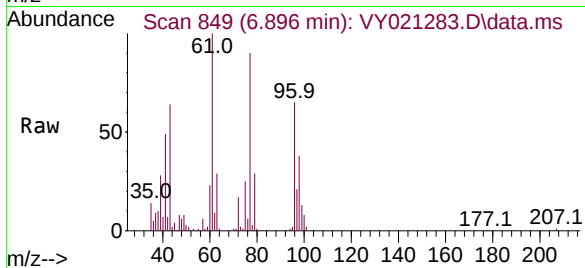
Tgt Ion: 77 Resp: 51432
Ion Ratio Lower Upper
77 100
97 21.9 11.7 35.0



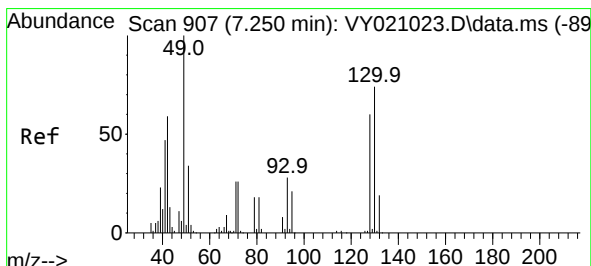
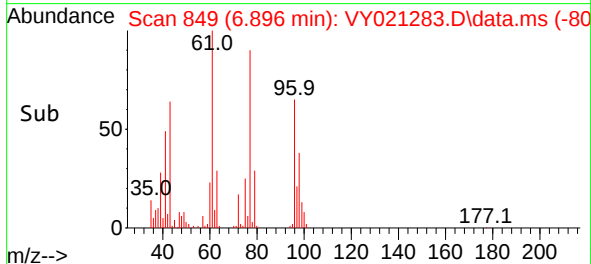
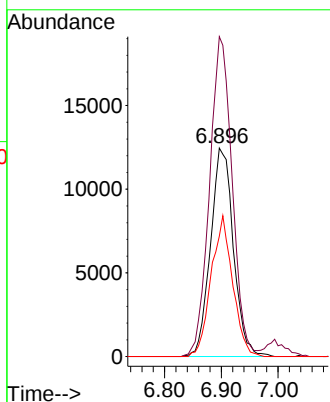


#27
 cis-1,2-Dichloroethene
 Concen: 21.017 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY021283.D
 Acq: 21 Feb 2025 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBSD02

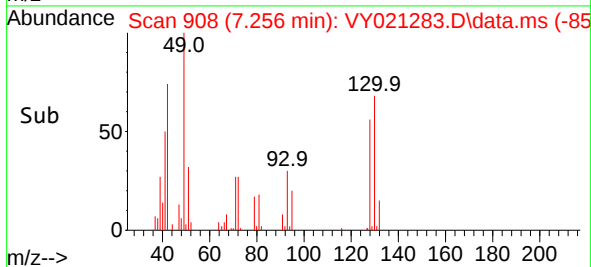
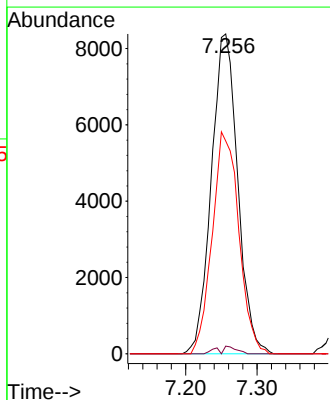
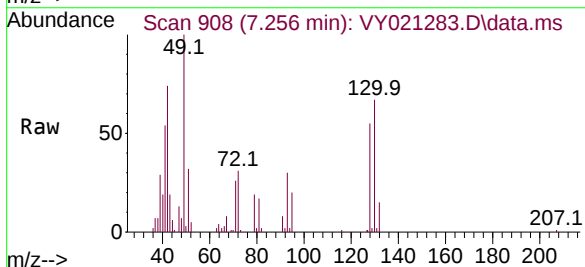


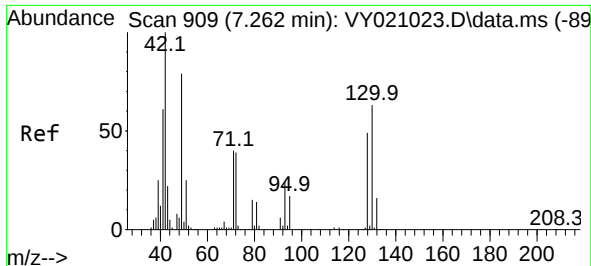
Tgt Ion: 96 Resp: 35010
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 278.8
 98 63.4 0.0 127.0



#28
 Bromochloromethane
 Concen: 20.310 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021283.D
 Acq: 21 Feb 2025 14:14

Tgt Ion: 49 Resp: 21490
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.8
 130 69.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 103.620 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS02

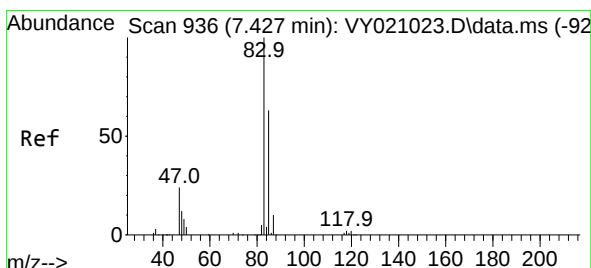
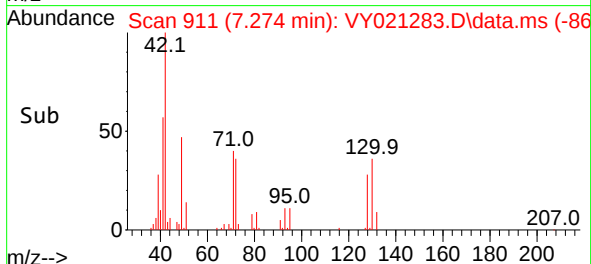
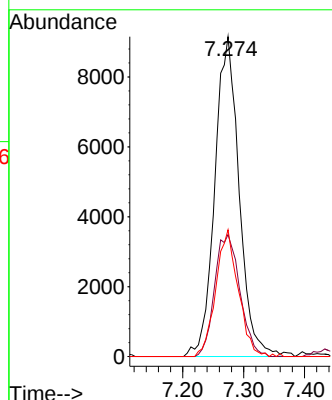
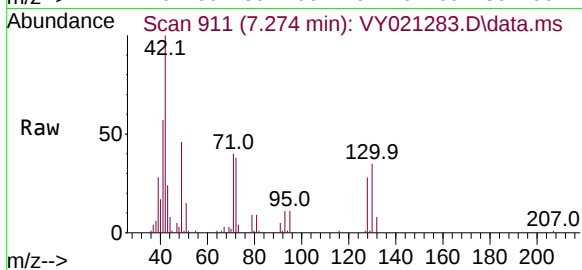
Tgt Ion: 42 Resp: 25385

Ion Ratio Lower Upper

42 100

72 39.6 36.6 54.8

71 36.5 33.8 50.6



#30

Chloroform

Concen: 21.272 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY021283.D

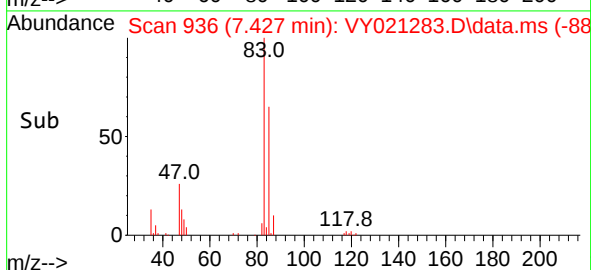
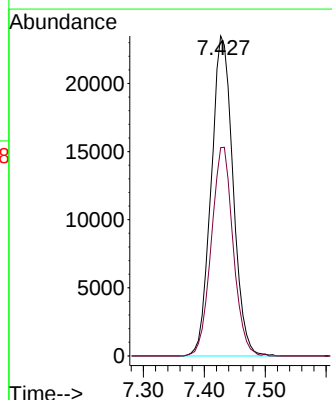
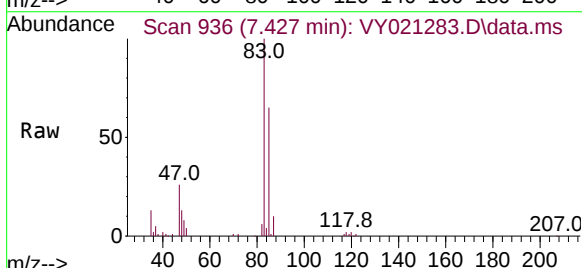
Acq: 21 Feb 2025 14:14

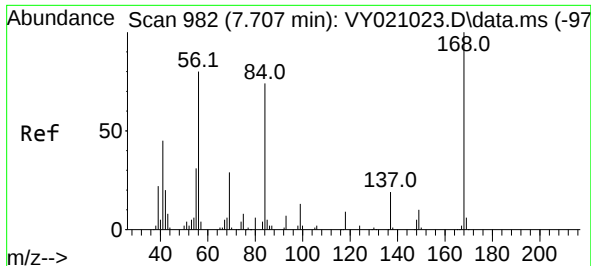
Tgt Ion: 83 Resp: 58467

Ion Ratio Lower Upper

83 100

85 65.1 51.2 76.8

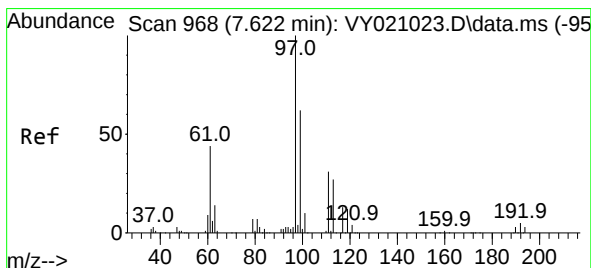
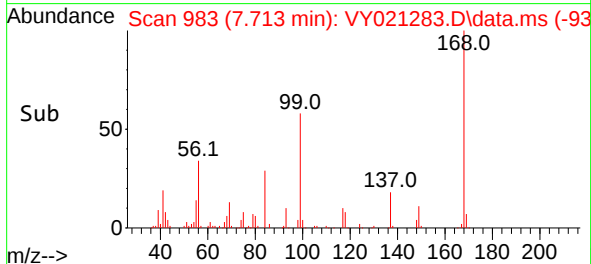
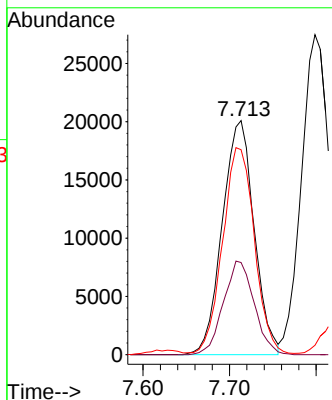
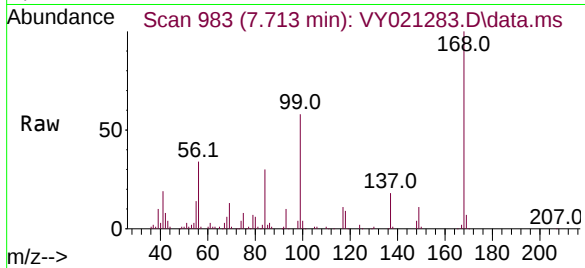




#31
Cyclohexane
Concen: 21.365 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

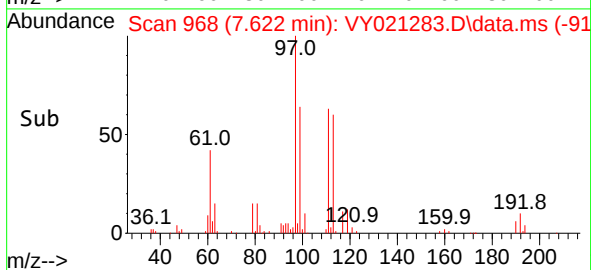
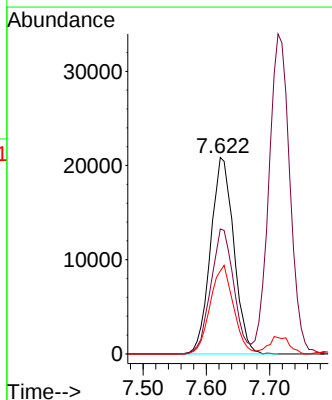
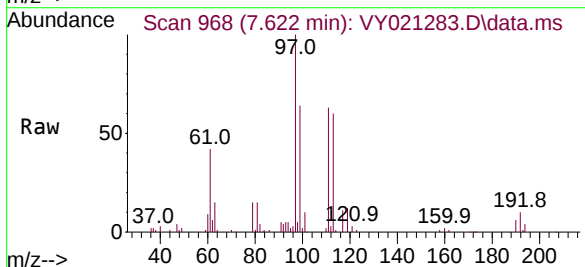
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS02

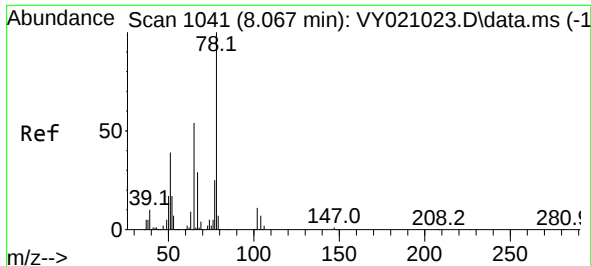
Tgt Ion: 56 Resp: 51482
Ion Ratio Lower Upper
56 100
69 39.4 27.0 40.6
84 86.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 20.853 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 97 Resp: 53287
Ion Ratio Lower Upper
97 100
99 63.1 51.2 76.8
61 44.8 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 52.082 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

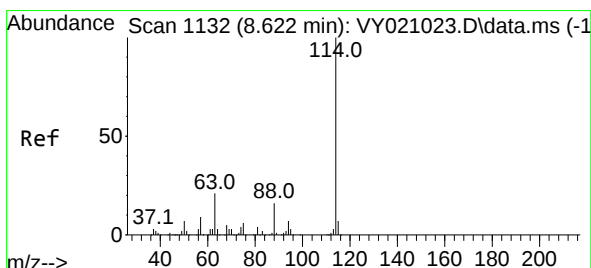
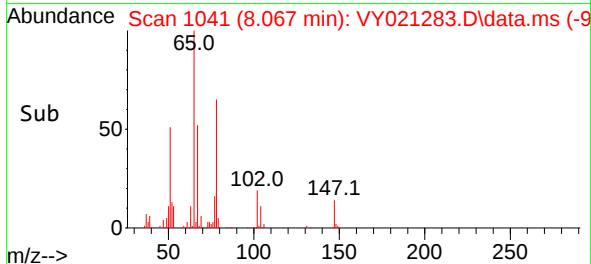
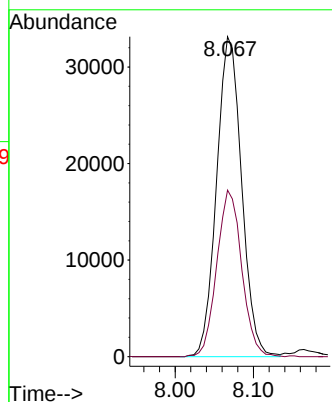
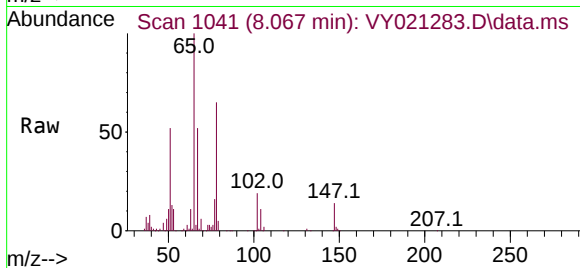
VY0221SBSD02

Tgt Ion: 65 Resp: 73580

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

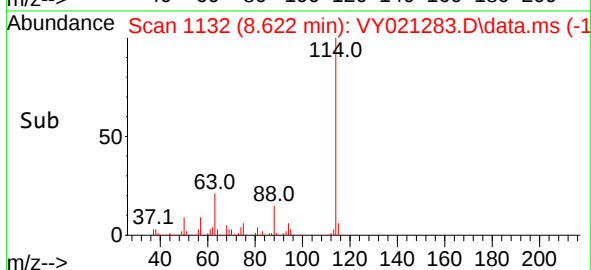
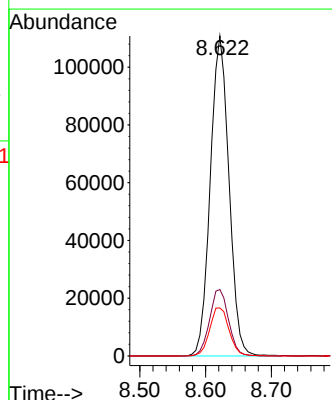
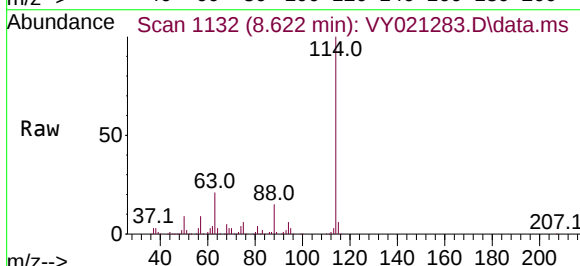
Tgt Ion: 114 Resp: 217782

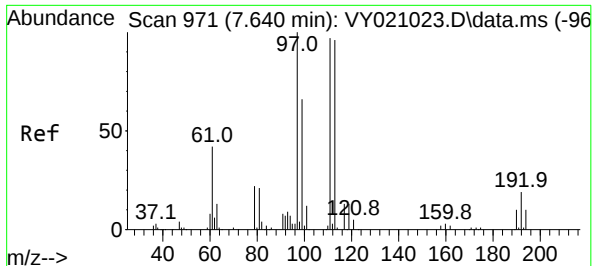
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.022 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD02

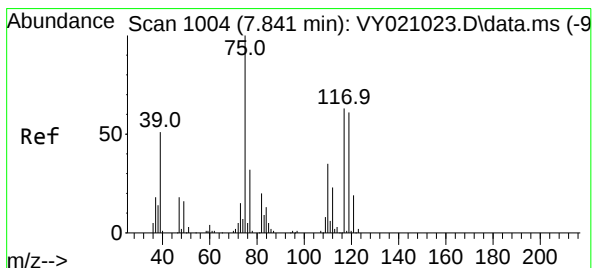
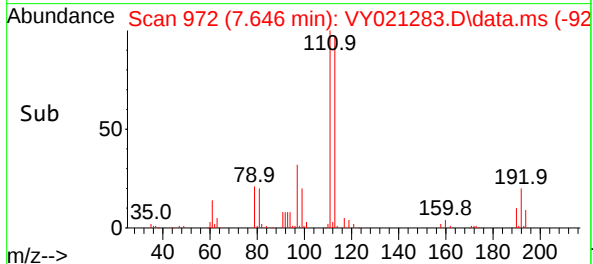
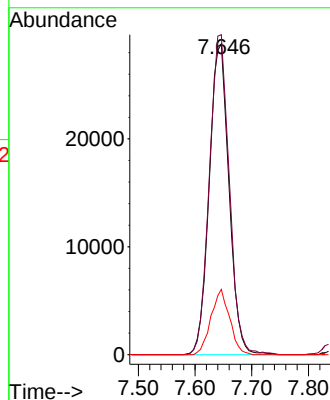
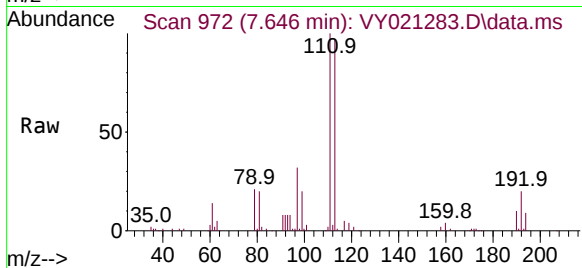
Tgt Ion:113 Resp: 69816

Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 19.8 14.5 21.7



#36

1,1-Dichloropropene

Concen: 20.680 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

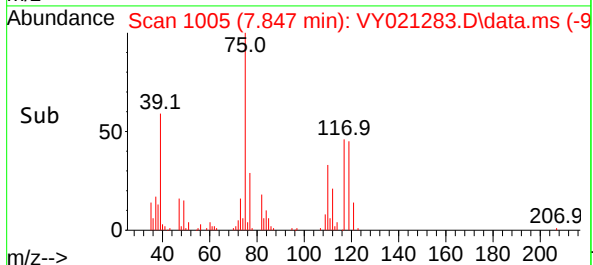
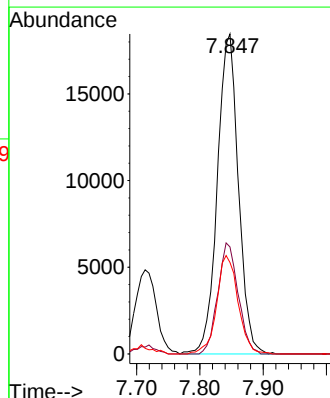
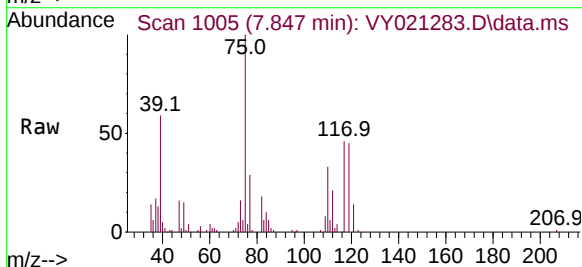
Tgt Ion: 75 Resp: 42751

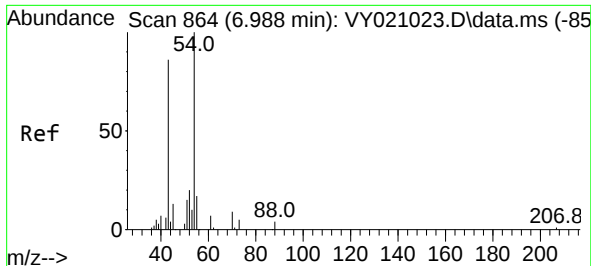
Ion Ratio Lower Upper

75 100

110 33.6 17.4 52.3

77 31.2 24.7 37.1





#37

Ethyl Acetate

Concen: 20.450 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD02

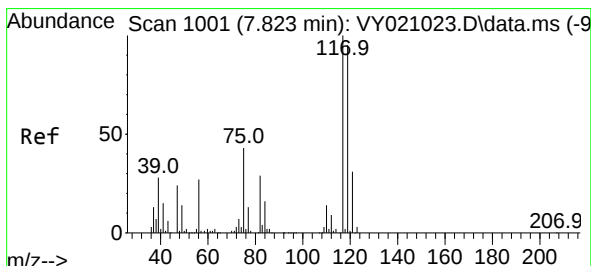
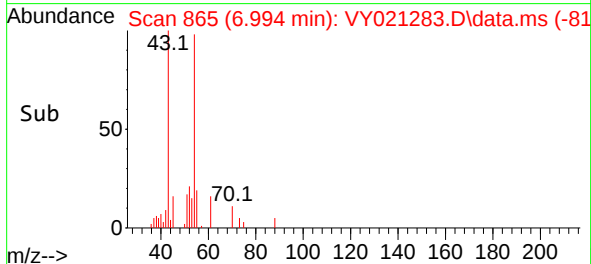
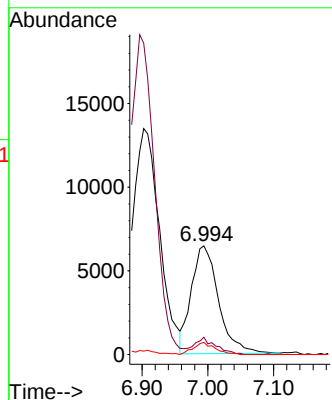
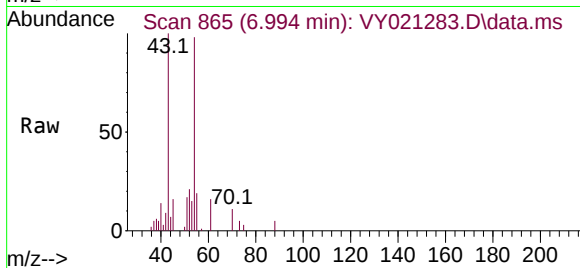
Tgt Ion: 43 Resp: 18546

Ion Ratio Lower Upper

43 100

61 12.8 11.0 16.6

70 9.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 20.144 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

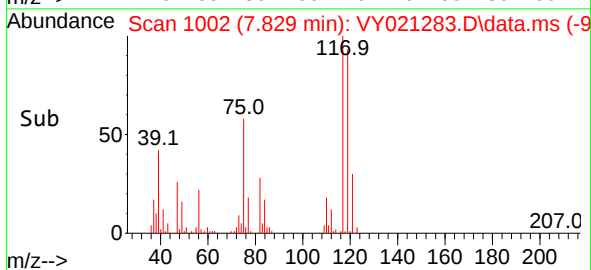
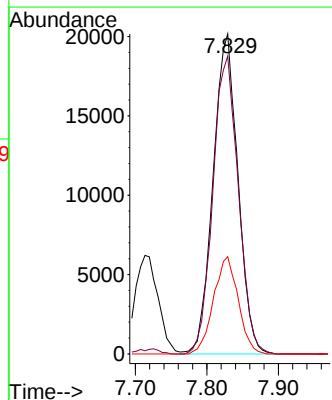
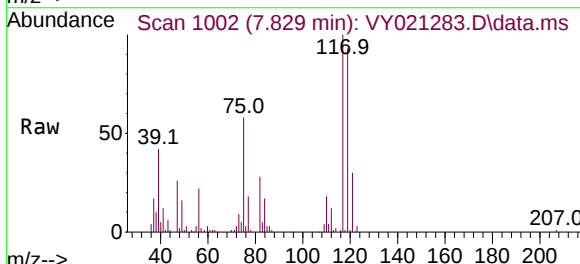
Tgt Ion: 117 Resp: 48659

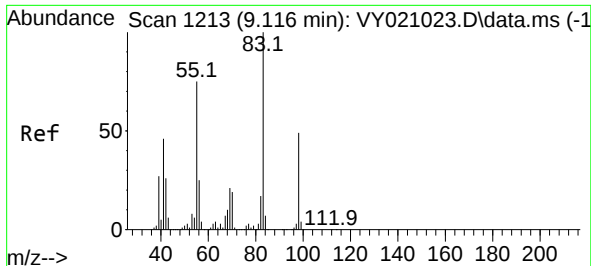
Ion Ratio Lower Upper

117 100

119 93.1 76.0 114.0

121 30.4 24.2 36.2

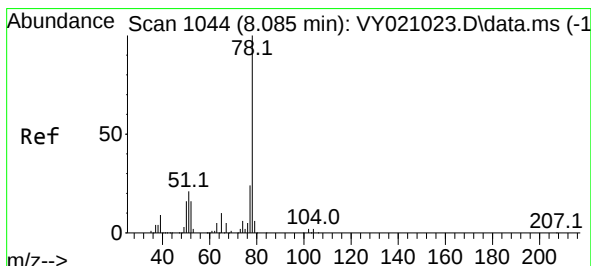
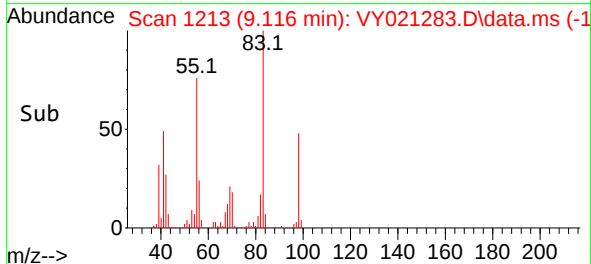
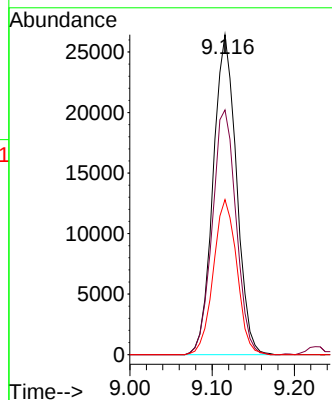
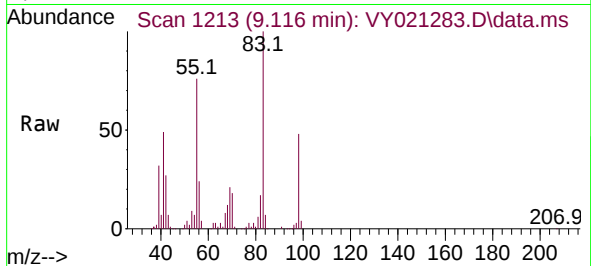




#39
Methylcyclohexane
Concen: 20.566 ug/l
RT: 9.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

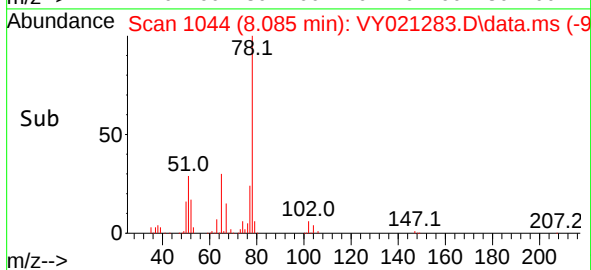
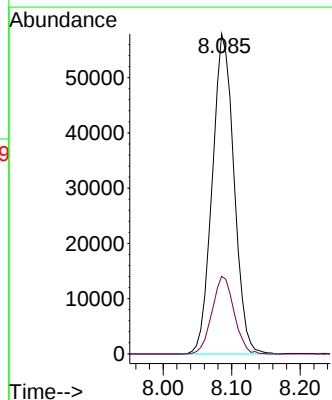
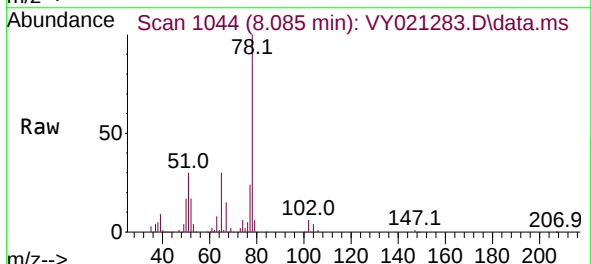
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

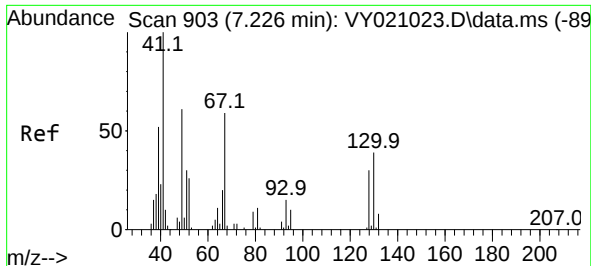
Tgt Ion: 83 Resp: 52003
Ion Ratio Lower Upper
83 100
55 76.5 59.7 89.5
98 48.4 38.0 57.0



#40
Benzene
Concen: 21.065 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 78 Resp: 127793
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2

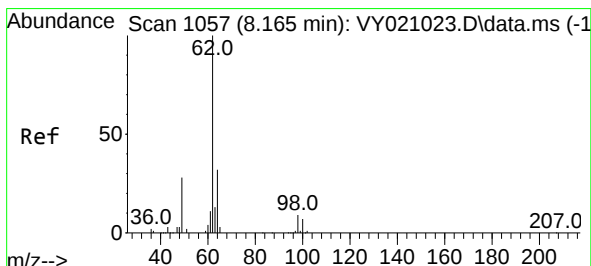
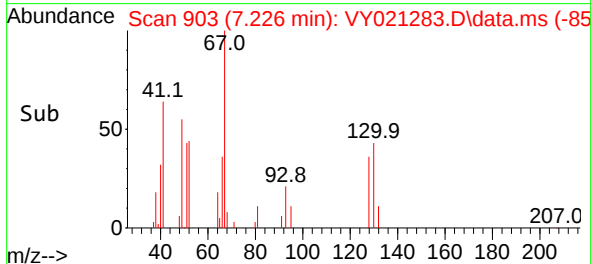
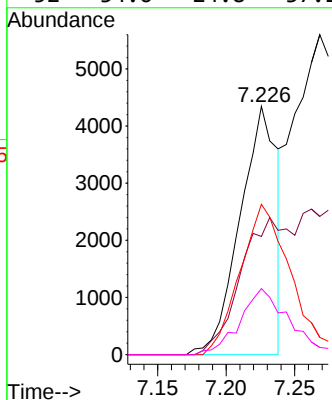
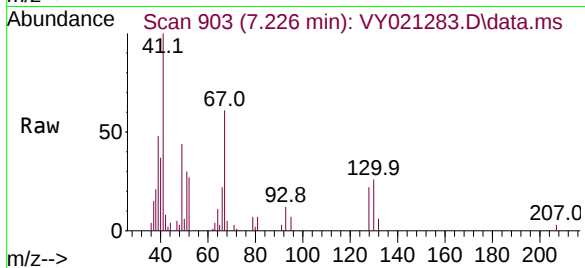




#41
Methacrylonitrile
Concen: 15.633 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

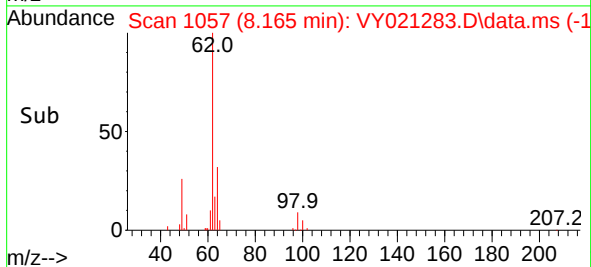
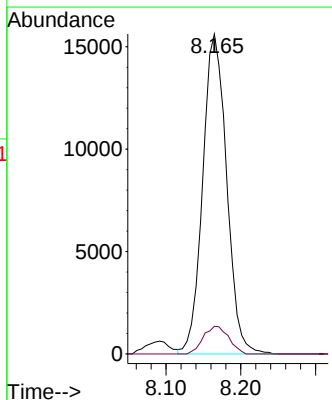
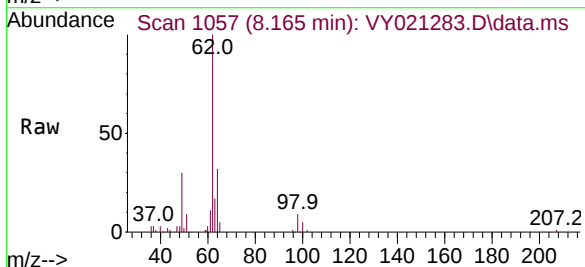
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

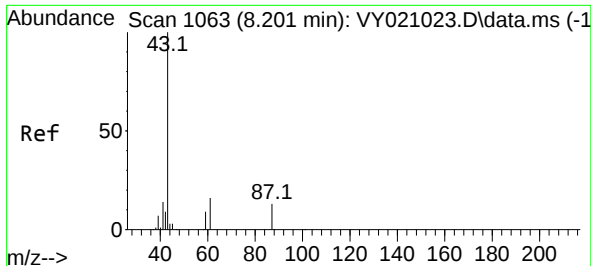
Tgt Ion:	41	Resp:	8202
Ion	Ratio	Lower	Upper
41	100		
39	76.9	41.9	62.9#
67	83.3	59.8	89.6
52	34.6	24.8	37.2



#42
1,2-Dichloroethane
Concen: 20.645 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion:	62	Resp:	34743
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2

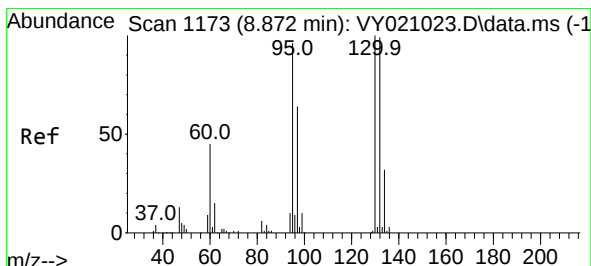
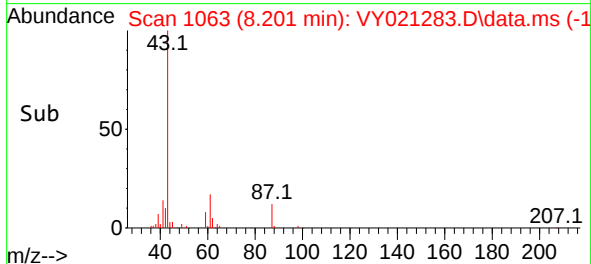
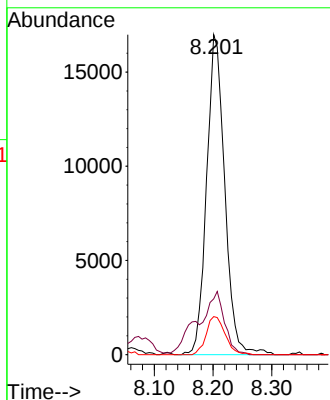
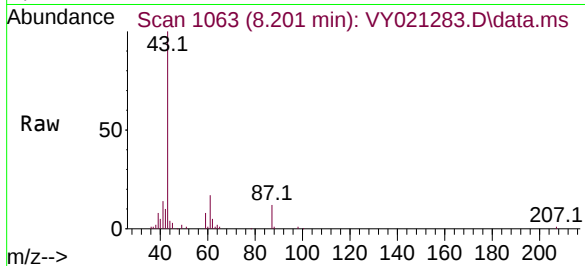




#43
Isopropyl Acetate
Concen: 20.190 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

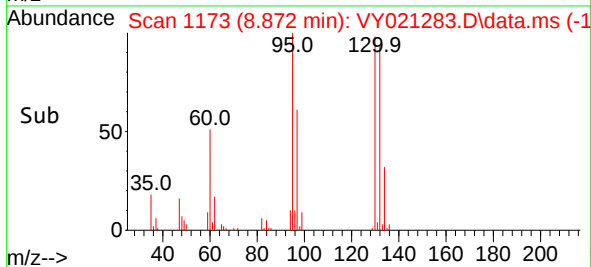
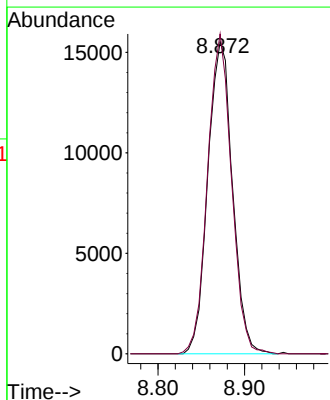
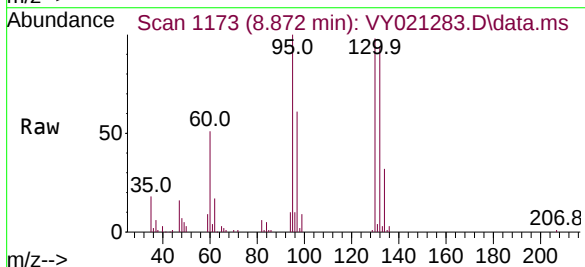
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

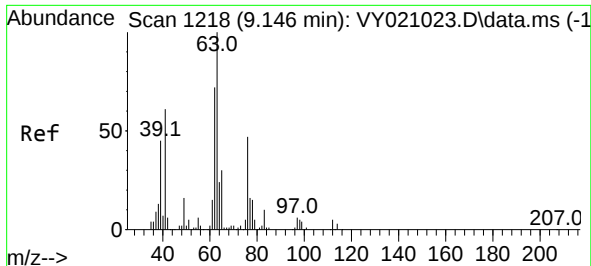
Tgt Ion: 43 Resp: 36383
Ion Ratio Lower Upper
43 100
61 19.7 24.8 37.2#
87 12.5 10.7 16.1



#44
Trichloroethene
Concen: 19.624 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion:130 Resp: 30759
Ion Ratio Lower Upper
130 100
95 102.5 0.0 203.8





#45

1,2-Dichloropropane

Concen: 20.674 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

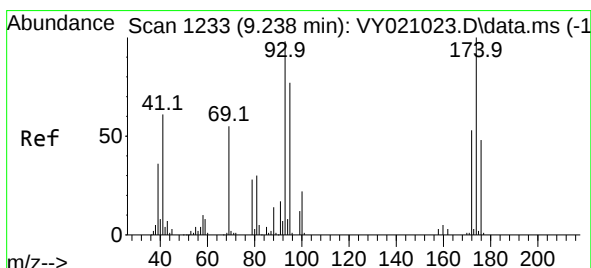
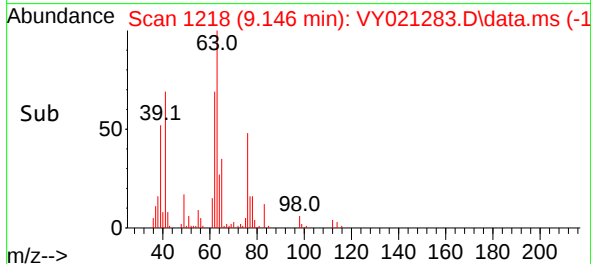
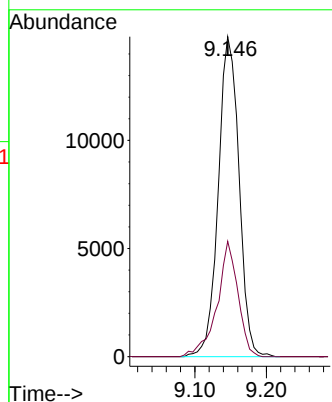
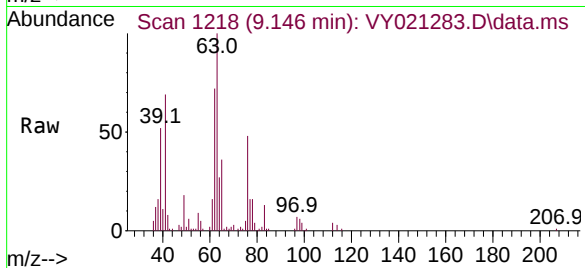
VY0221SBS02

Tgt Ion: 63 Resp: 29769

Ion Ratio Lower Upper

63 100

65 36.0 24.6 36.8



#46

Dibromomethane

Concen: 20.269 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

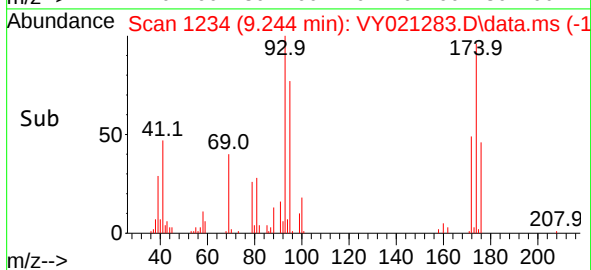
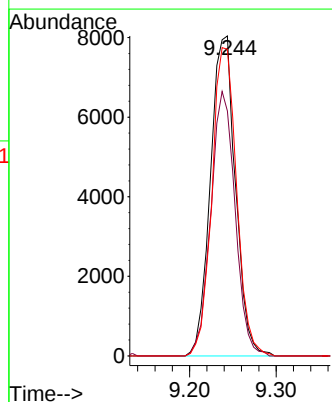
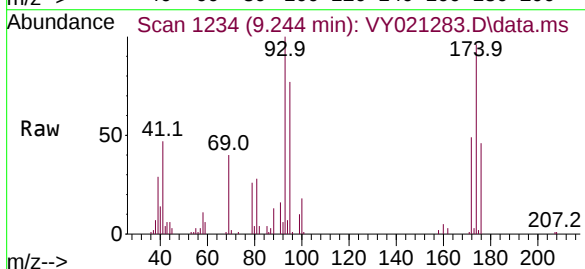
Tgt Ion: 93 Resp: 16160

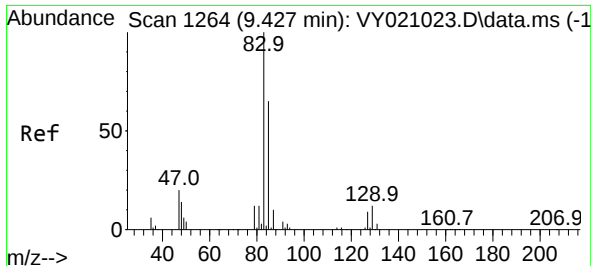
Ion Ratio Lower Upper

93 100

95 80.1 66.6 99.8

174 95.0 73.8 110.6

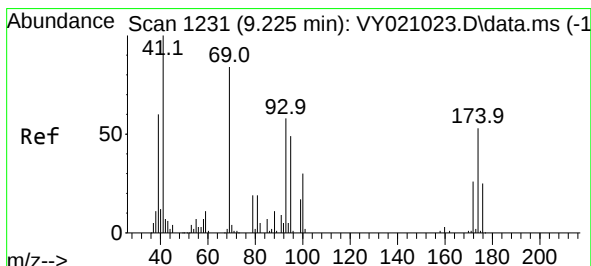
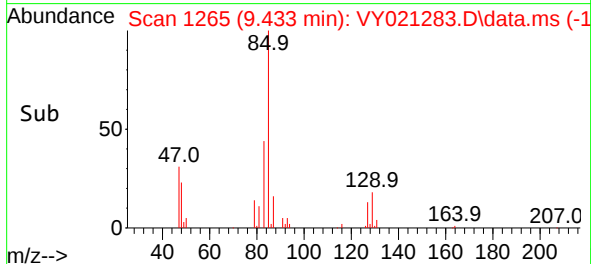
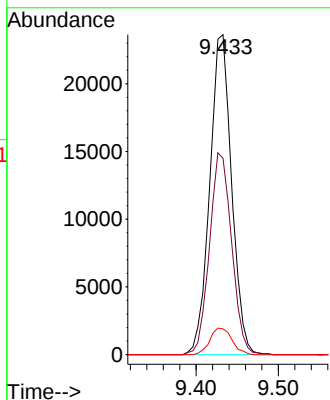
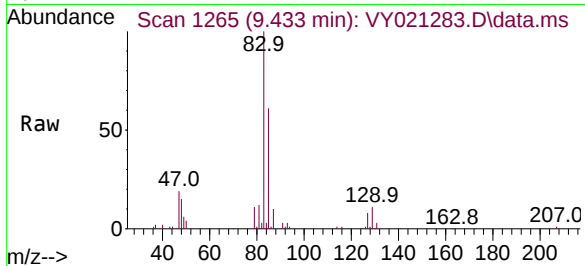




#47
Bromodichloromethane
Concen: 20.413 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

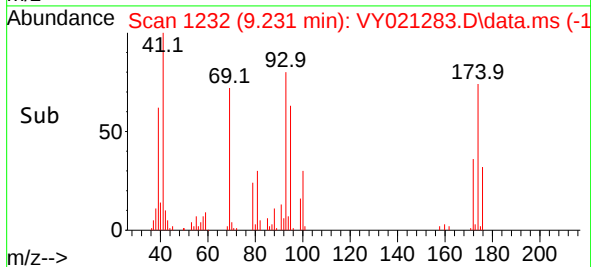
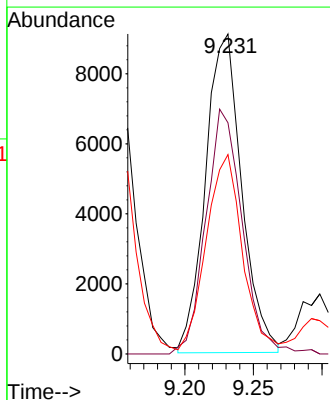
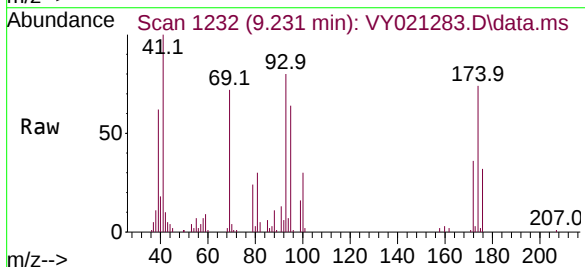
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

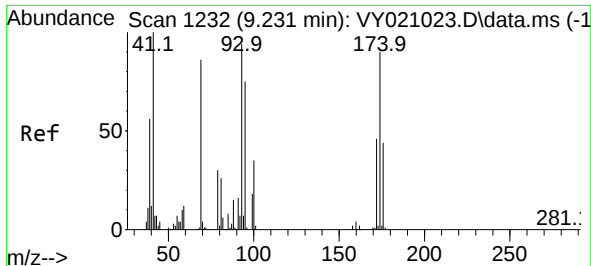
Tgt Ion: 83 Resp: 43647
Ion Ratio Lower Upper
83 100
85 61.4 53.2 79.8
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 20.406 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 41 Resp: 16750
Ion Ratio Lower Upper
41 100
69 77.3 72.1 108.1
39 60.8 42.8 64.2





#49

1,4-Dioxane

Concen: 386.155 ug/l

RT: 9.237 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD02

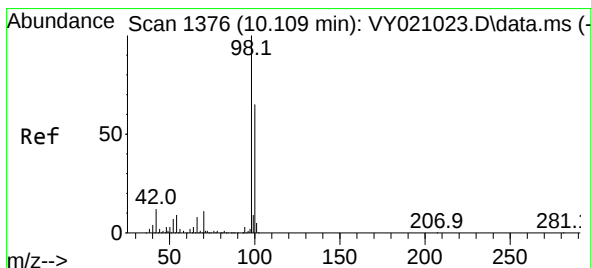
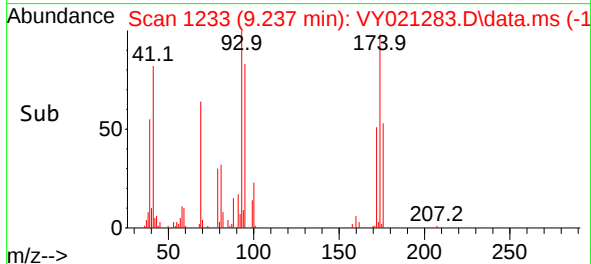
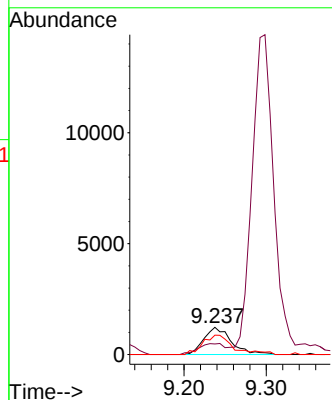
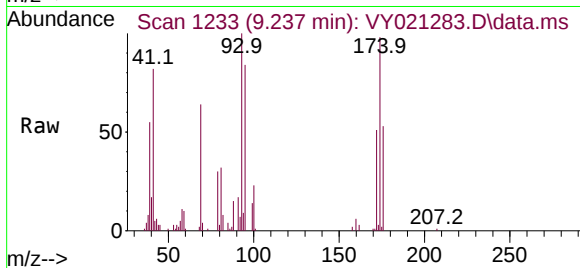
Tgt Ion: 88 Resp: 2866

Ion Ratio Lower Upper

88 100

43 37.1 28.2 42.4

58 78.7 52.2 78.2#



#50

Toluene-d8

Concen: 49.047 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021283.D

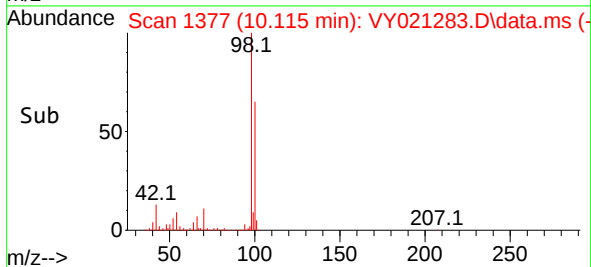
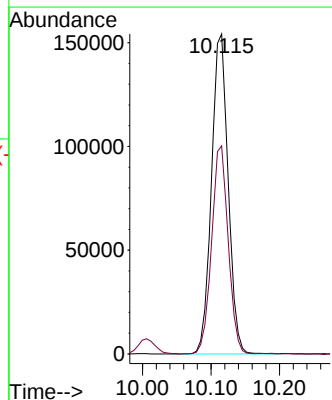
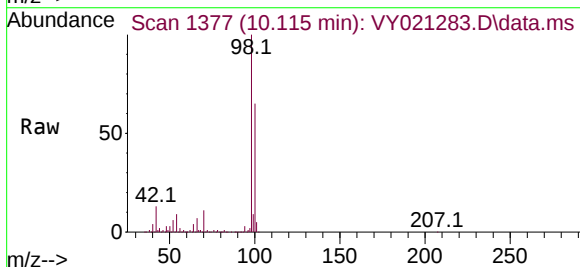
Acq: 21 Feb 2025 14:14

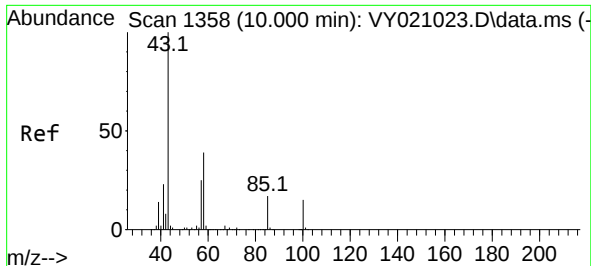
Tgt Ion: 98 Resp: 260611

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5

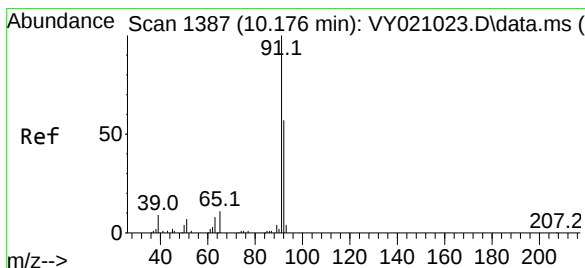
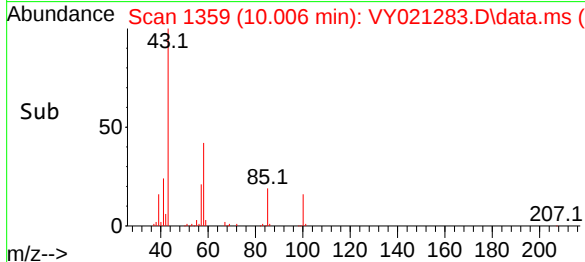
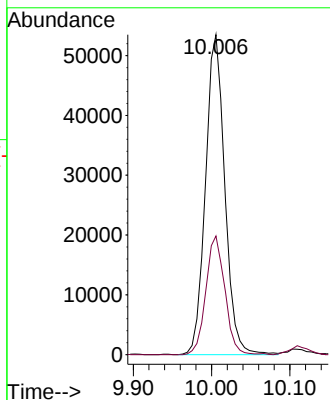
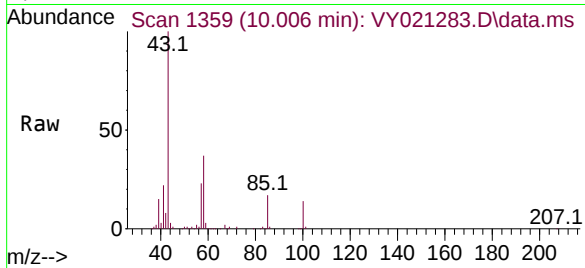




#51
4-Methyl-2-Pentanone
Concen: 101.281 ug/l
RT: 10.006 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

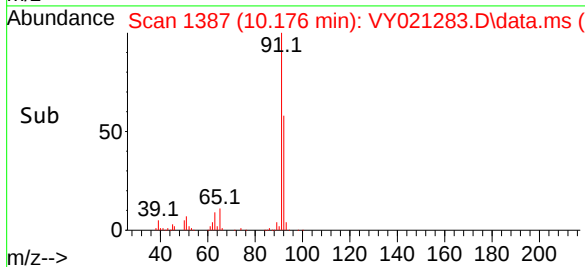
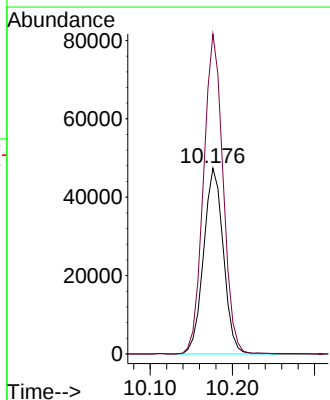
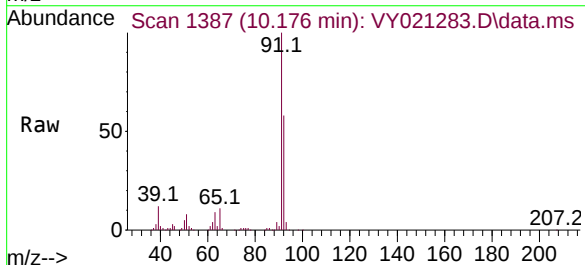
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

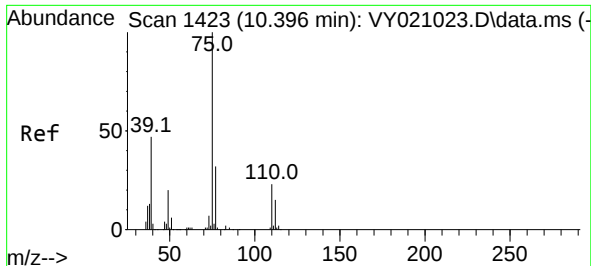
Tgt Ion: 43 Resp: 91778
Ion Ratio Lower Upper
43 100
58 36.4 32.2 48.2



#52
Toluene
Concen: 20.747 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 92 Resp: 79030
Ion Ratio Lower Upper
92 100
91 170.7 137.6 206.4

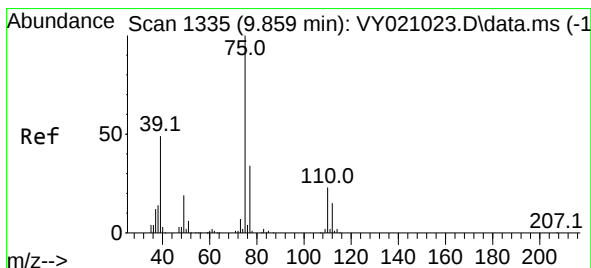
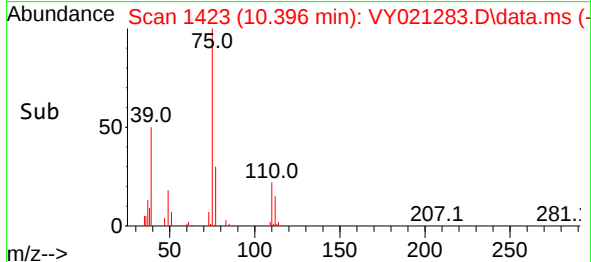
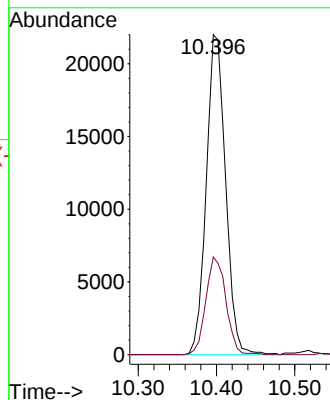
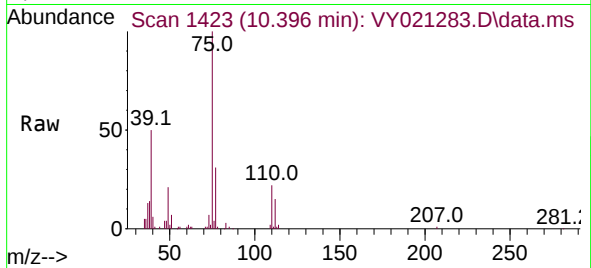




#53
t-1,3-Dichloropropene
Concen: 19.663 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

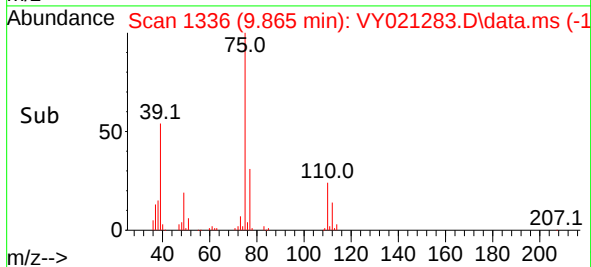
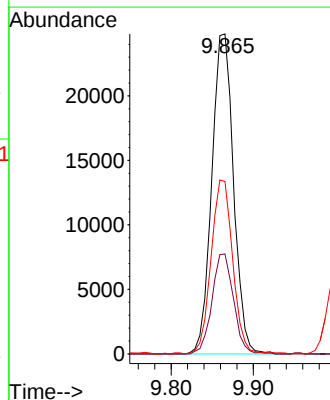
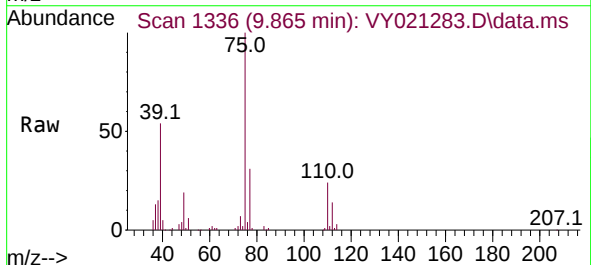
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS02

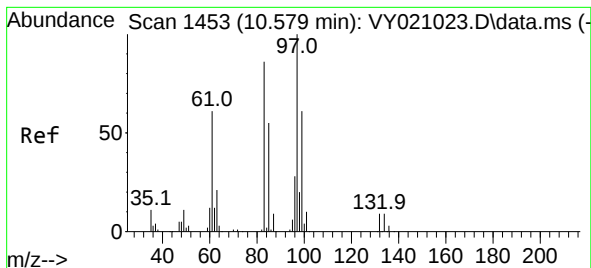
Tgt Ion: 75 Resp: 37751
Ion Ratio Lower Upper
75 100
77 30.5 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 20.044 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.006 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 75 Resp: 45565
Ion Ratio Lower Upper
75 100
77 31.2 24.6 36.8
39 53.6 33.6 50.4#

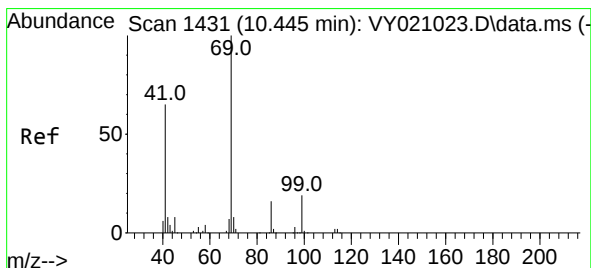
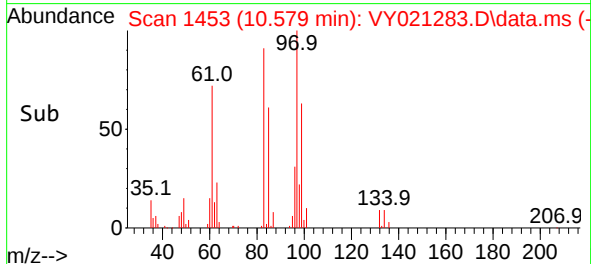
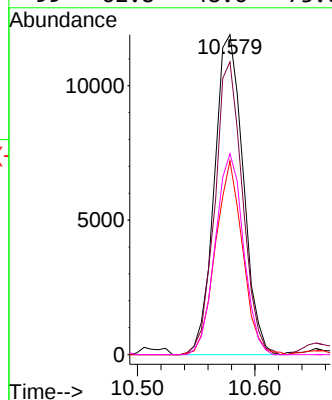
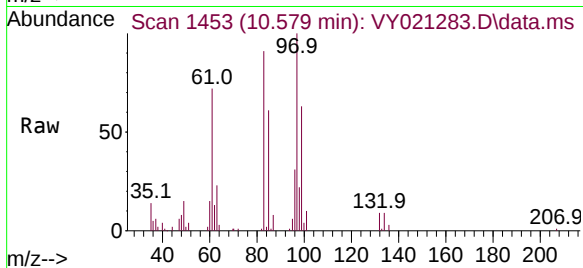




#55
1,1,2-Trichloroethane
Concen: 19.604 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

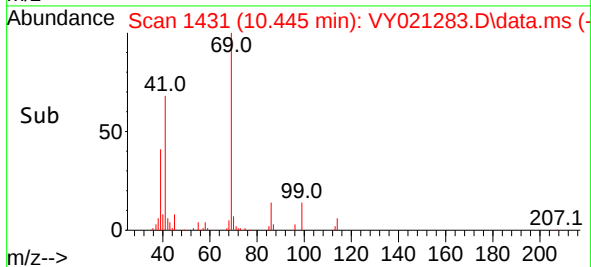
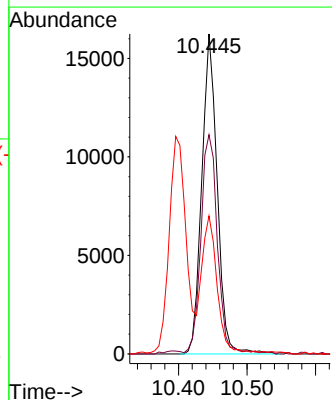
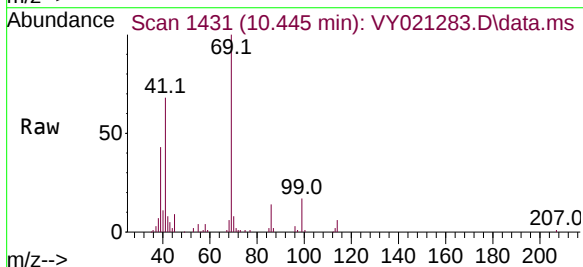
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

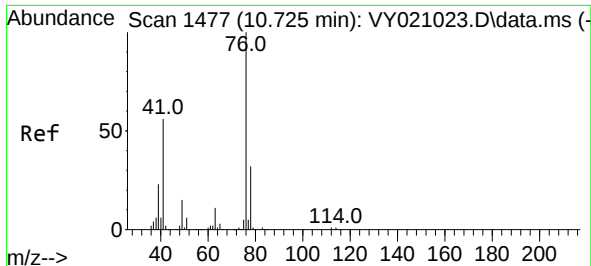
Tgt Ion:	97	Resp:	20239
Ion	Ratio	Lower	Upper
97	100		
83	91.5	69.4	104.2
85	60.5	43.9	65.9
99	62.8	48.6	73.0



#56
Ethyl methacrylate
Concen: 18.279 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion:	69	Resp:	25245
Ion	Ratio	Lower	Upper
69	100		
41	71.8	49.2	73.8
39	40.8	26.8	40.2

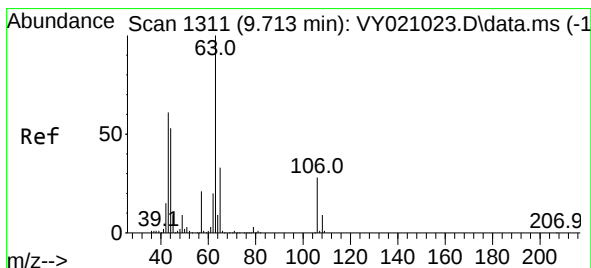
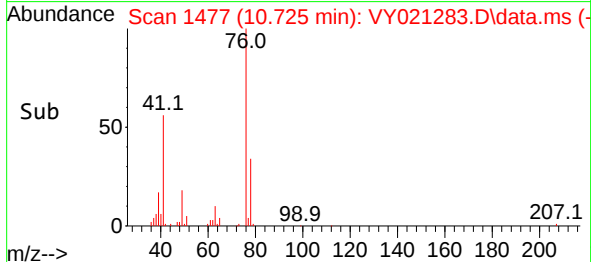
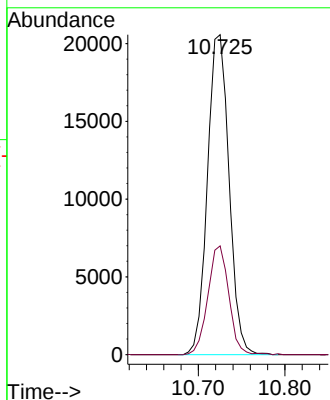
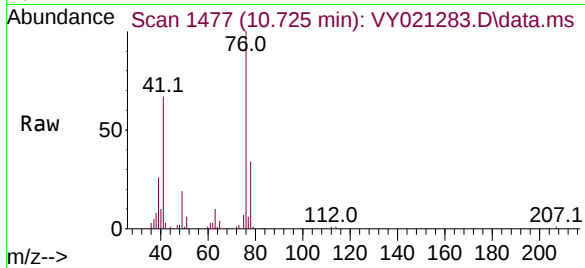




#57
 1,3-Dichloropropane
 Concen: 19.923 ug/l
 RT: 10.725 min Scan# 1477
 Delta R.T. -0.000 min
 Lab File: VY021283.D
 Acq: 21 Feb 2025 14:14

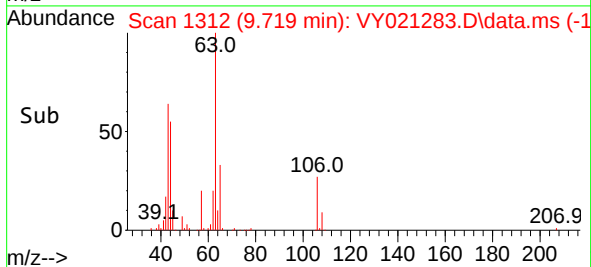
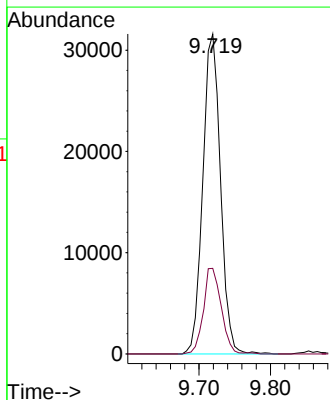
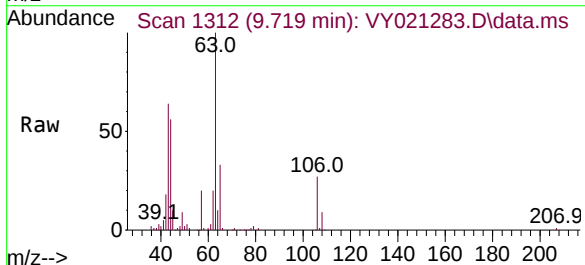
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0221SBSD02

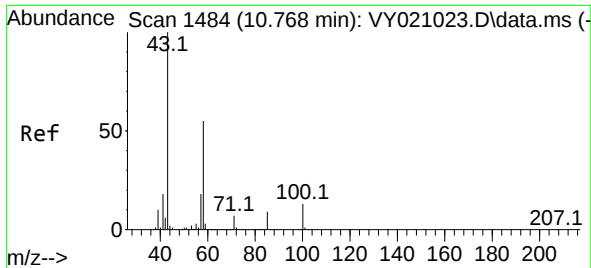
Tgt Ion: 76 Resp: 35601
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.496 ug/l
 RT: 9.719 min Scan# 1312
 Delta R.T. 0.006 min
 Lab File: VY021283.D
 Acq: 21 Feb 2025 14:14

Tgt Ion: 63 Resp: 54205
 Ion Ratio Lower Upper
 63 100
 106 27.0 22.4 33.6

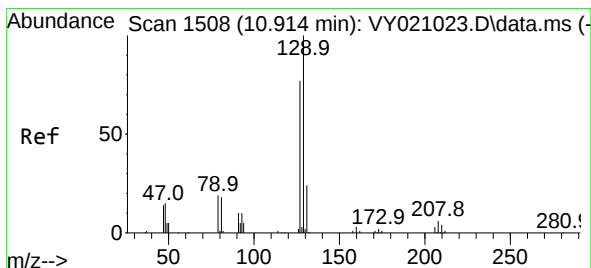
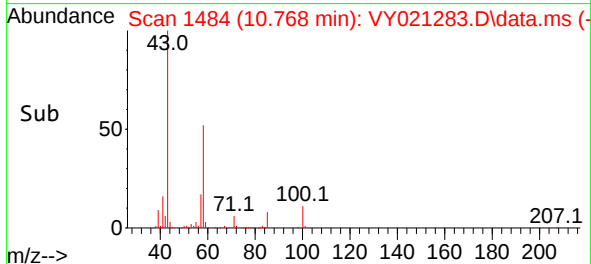
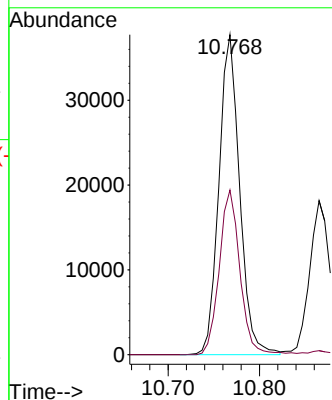
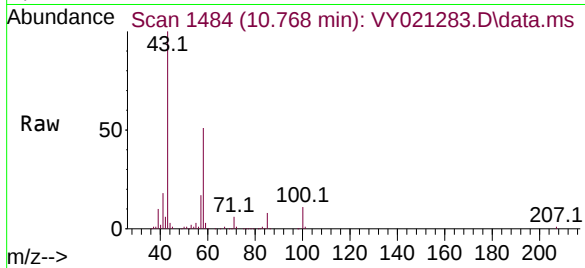




#59
2-Hexanone
Concen: 101.440 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

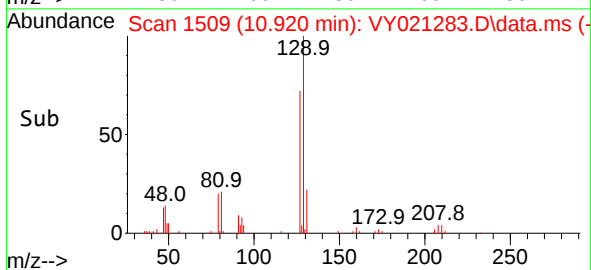
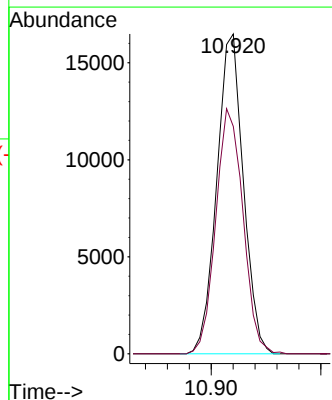
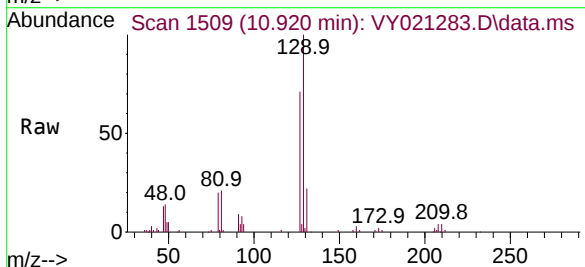
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS02

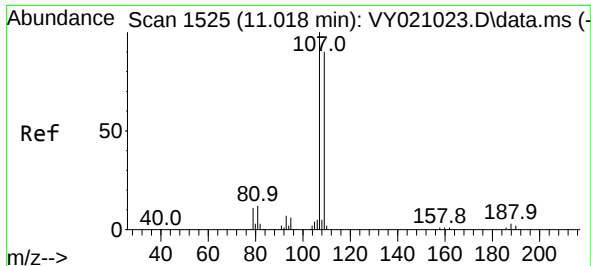
Tgt Ion: 43 Resp: 59185
Ion Ratio Lower Upper
43 100
58 51.4 28.1 84.3



#60
Dibromochloromethane
Concen: 19.141 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 129 Resp: 27752
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6

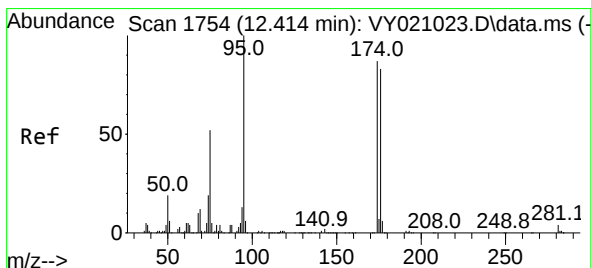
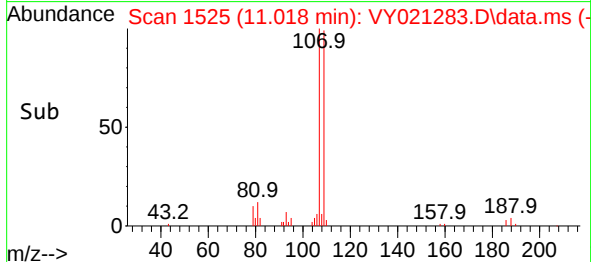
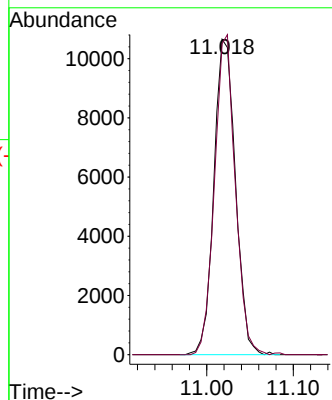
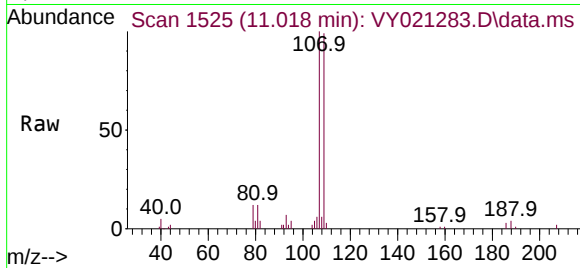




#61
1,2-Dibromoethane
Concen: 19.073 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

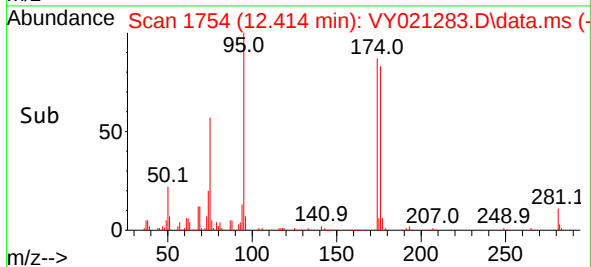
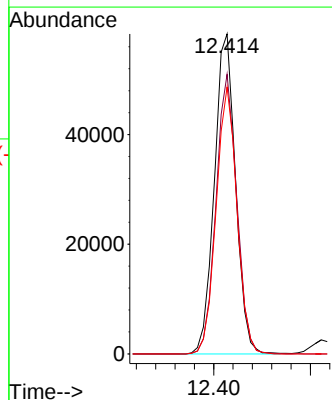
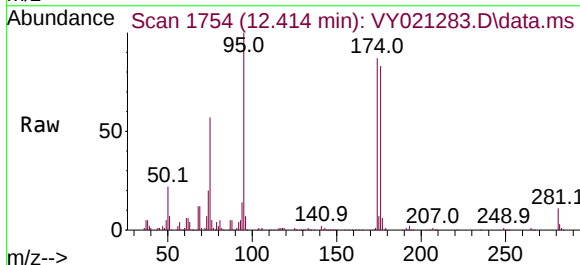
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBS02

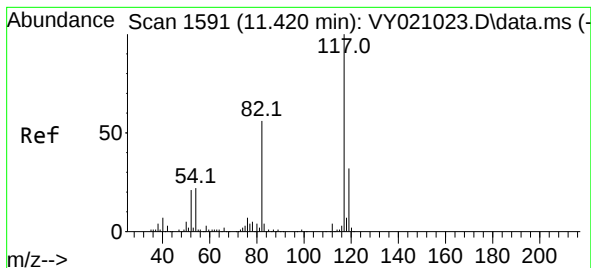
Tgt Ion:107 Resp: 18444
Ion Ratio Lower Upper
107 100
109 97.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 51.164 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 95 Resp: 88816
Ion Ratio Lower Upper
95 100
174 85.8 0.0 160.0
176 82.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD02

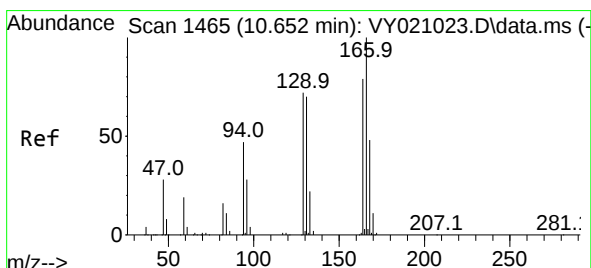
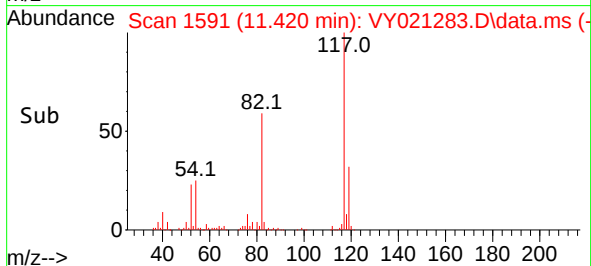
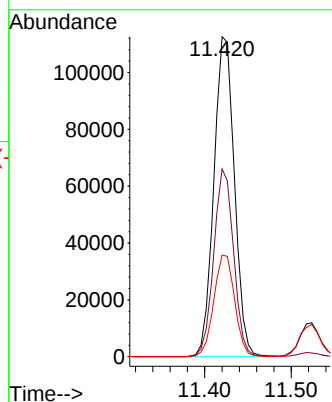
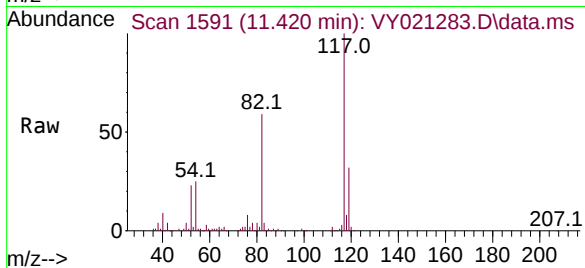
Tgt Ion:117 Resp: 186058

Ion Ratio Lower Upper

117 100

82 58.6 43.8 65.8

119 31.7 26.5 39.7



#64

Tetrachloroethene

Concen: 20.498 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Tgt Ion:164 Resp: 28312

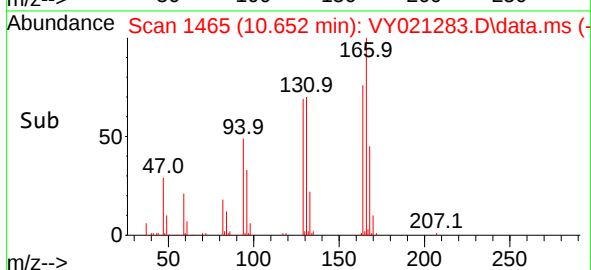
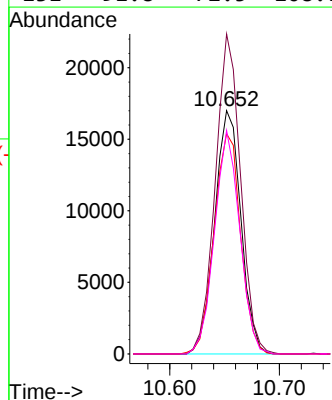
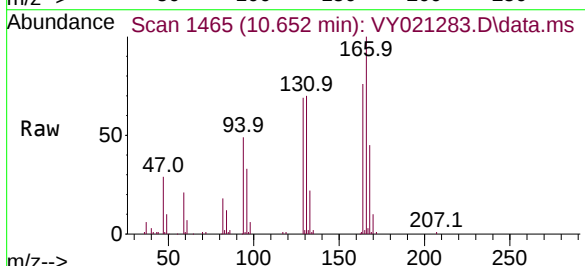
Ion Ratio Lower Upper

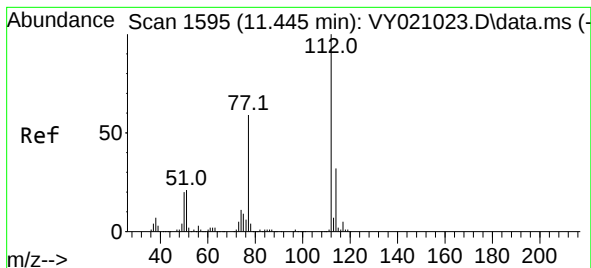
164 100

166 131.5 98.8 148.2

129 90.5 78.9 118.3

131 91.8 72.5 108.7





#65

Chlorobenzene

Concen: 19.985 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

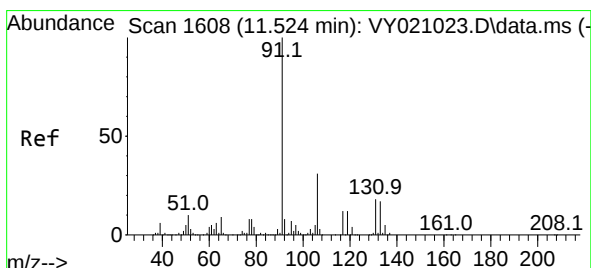
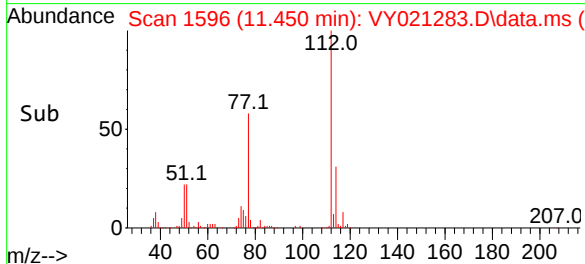
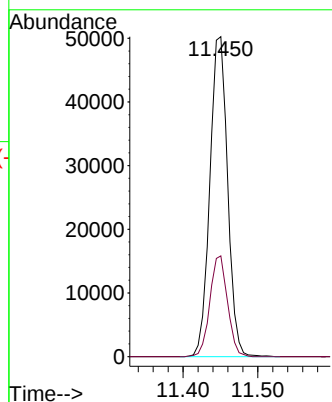
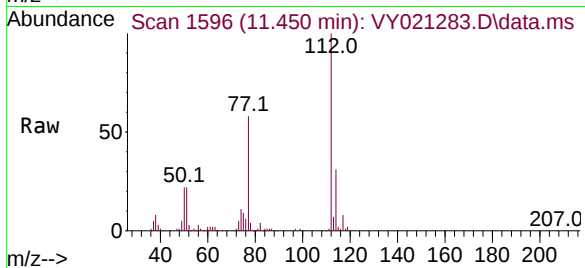
VY0221SBSD02

Tgt Ion:112 Resp: 82795

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.522 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

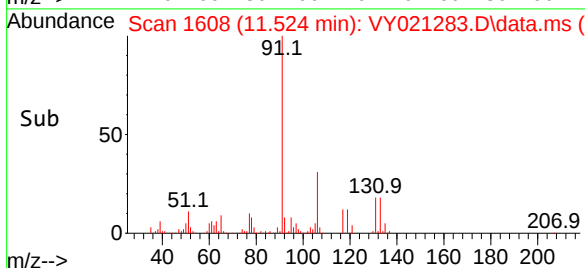
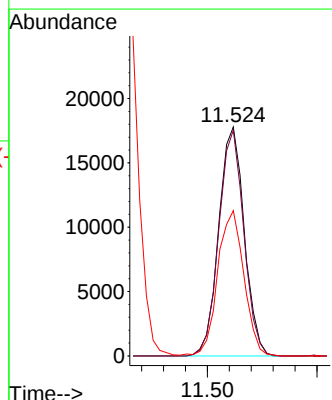
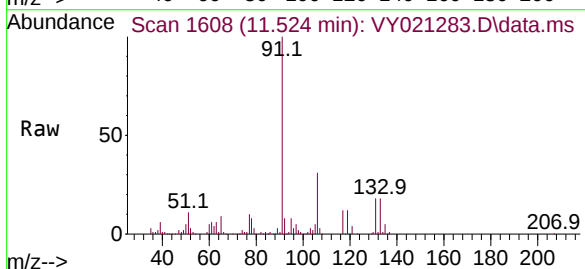
Tgt Ion:131 Resp: 28741

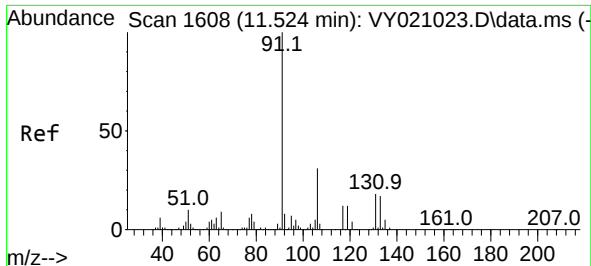
Ion Ratio Lower Upper

131 100

133 96.6 47.0 141.0

119 65.0 33.3 99.9





#67

Ethyl Benzene

Concen: 20.104 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

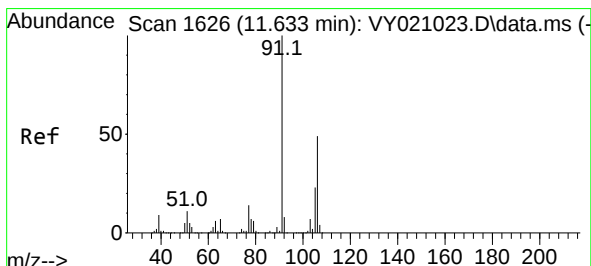
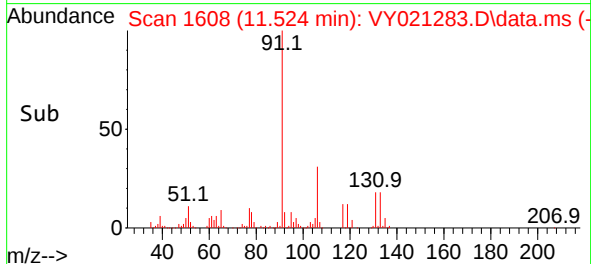
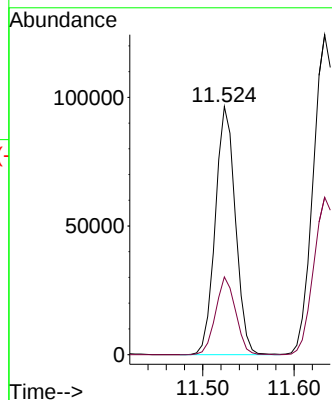
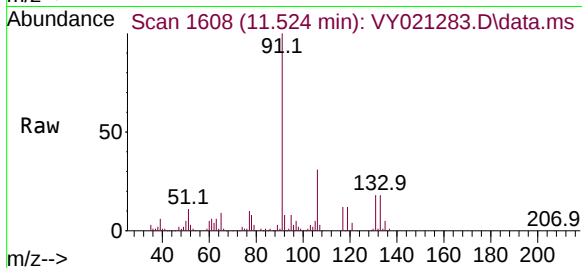
VY0221SBSD02

Tgt Ion: 91 Resp: 147318

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.4



#68

m/p-Xylenes

Concen: 40.153 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021283.D

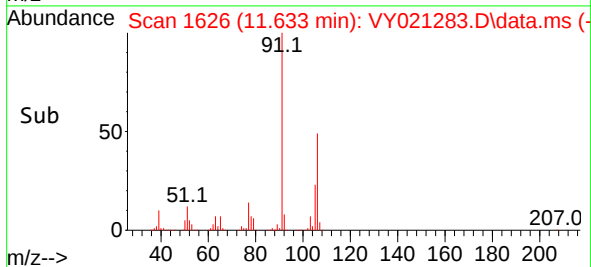
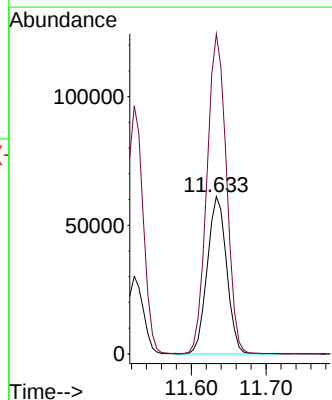
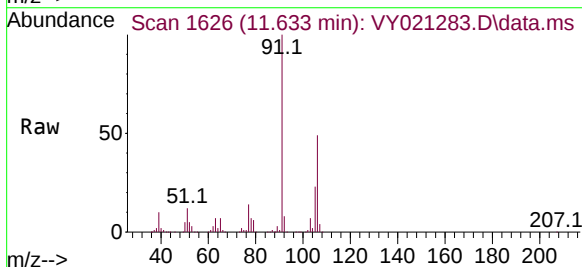
Acq: 21 Feb 2025 14:14

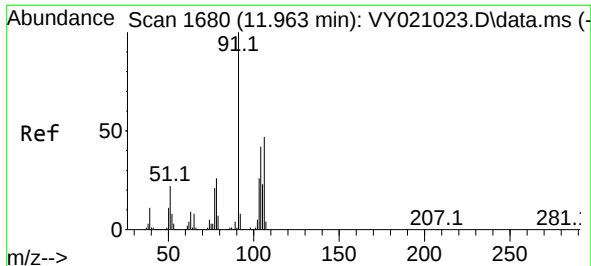
Tgt Ion:106 Resp: 110072

Ion Ratio Lower Upper

106 100

91 204.8 160.7 241.1

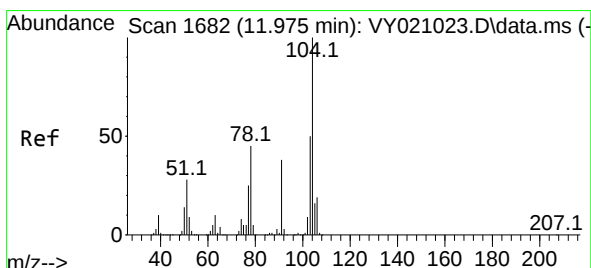
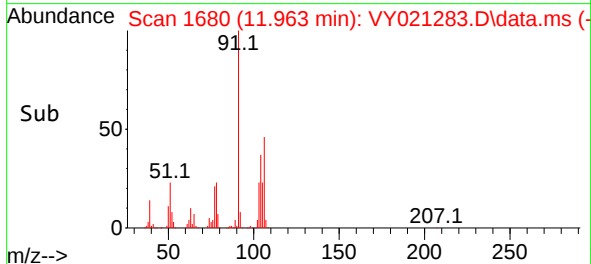
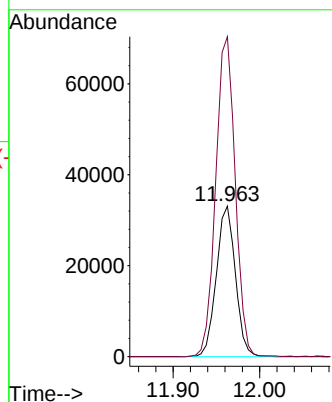
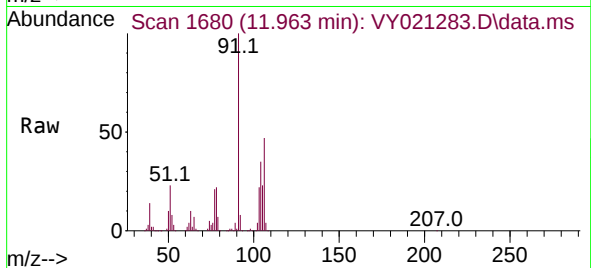




#69
o-Xylene
Concen: 19.893 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

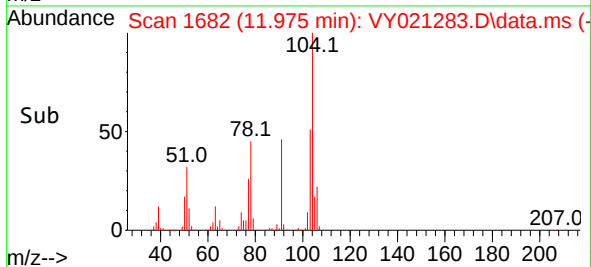
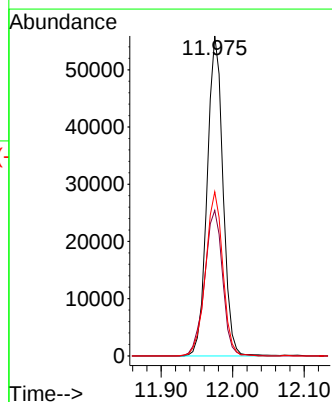
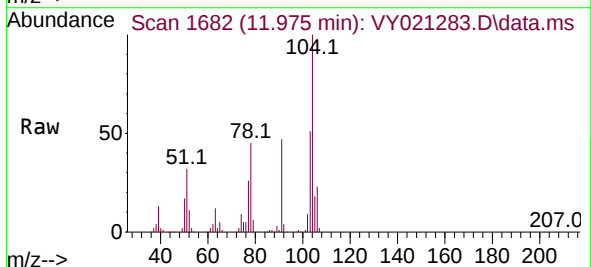
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

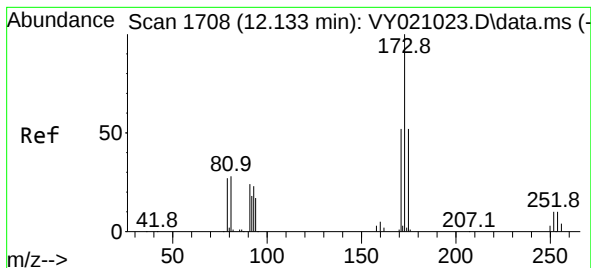
Tgt Ion:106 Resp: 50842
Ion Ratio Lower Upper
106 100
91 217.6 106.5 319.5



#70
Styrene
Concen: 20.153 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion:104 Resp: 85844
Ion Ratio Lower Upper
104 100
78 51.3 39.2 58.8
103 55.7 43.8 65.6





#71

Bromoform

Concen: 18.857 ug/l

RT: 12.139 min Scan# 1708

Delta R.T. 0.006 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD02

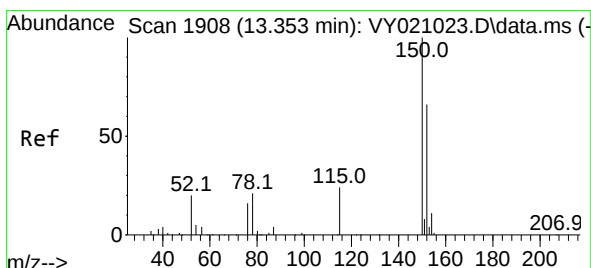
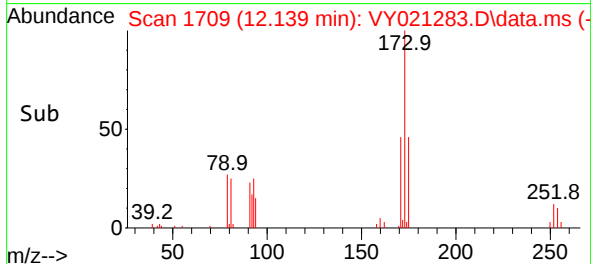
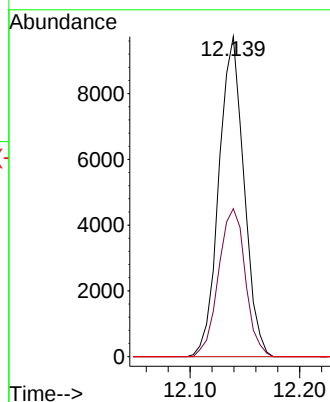
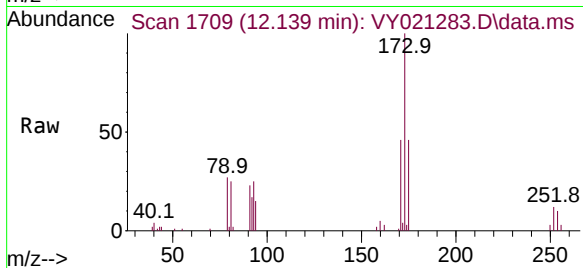
Tgt Ion:173 Resp: 15453

Ion Ratio Lower Upper

173 100

175 49.4 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

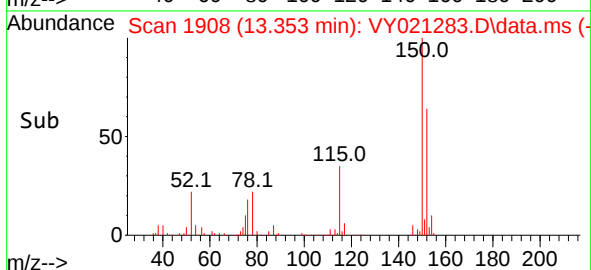
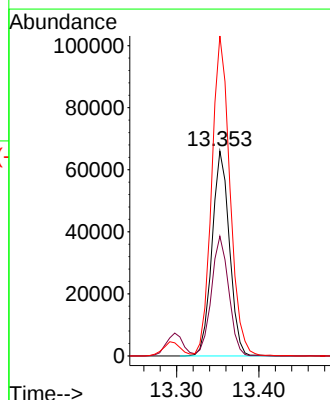
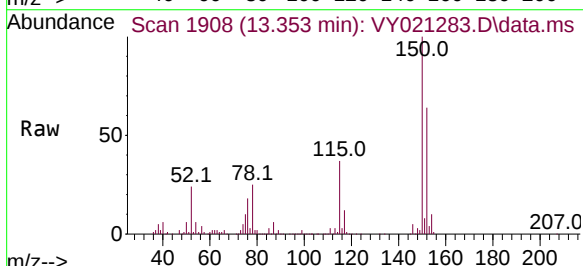
Tgt Ion:152 Resp: 96893

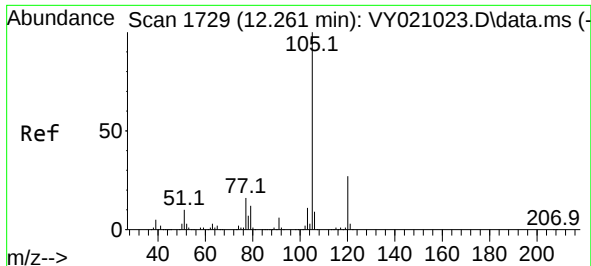
Ion Ratio Lower Upper

152 100

115 58.1 30.0 90.0

150 163.7 0.0 344.6

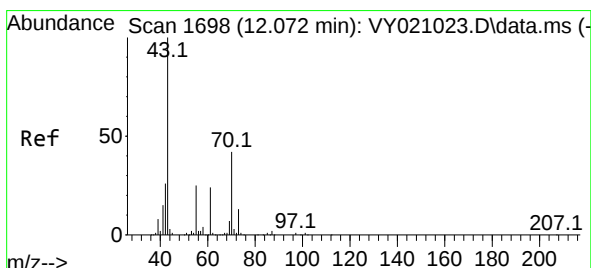
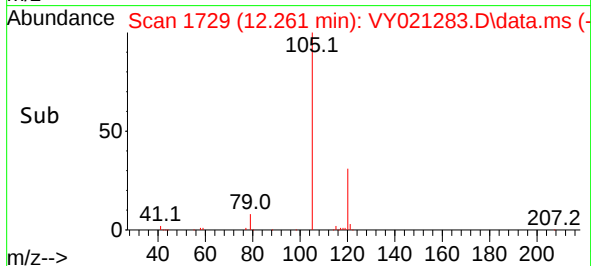
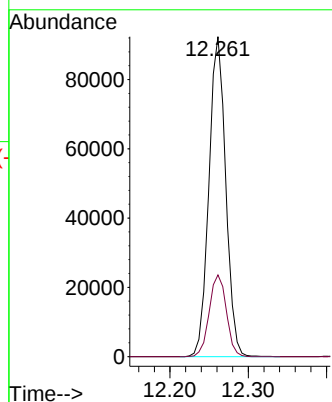
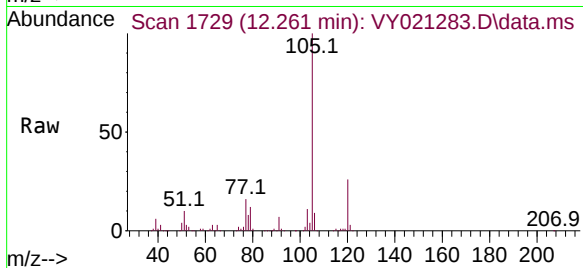




#73
Isopropylbenzene
Concen: 18.228 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

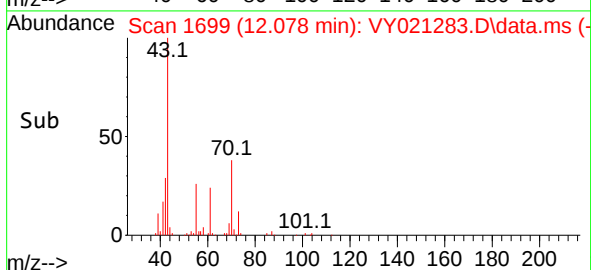
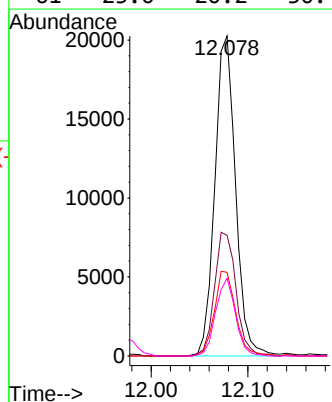
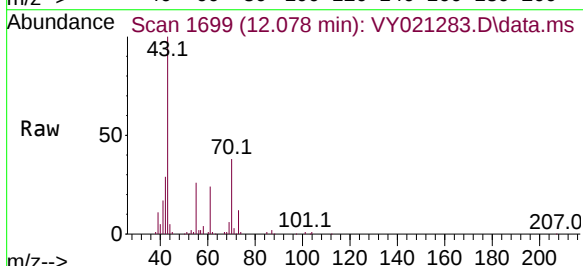
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

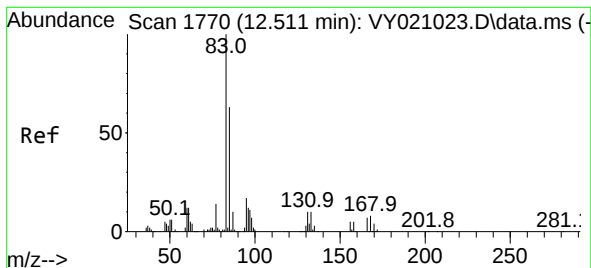
Tgt Ion:105 Resp: 137963
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 18.267 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 43 Resp: 30227
Ion Ratio Lower Upper
43 100
70 40.0 36.6 55.0
55 27.1 22.2 33.4
61 23.0 20.2 30.4

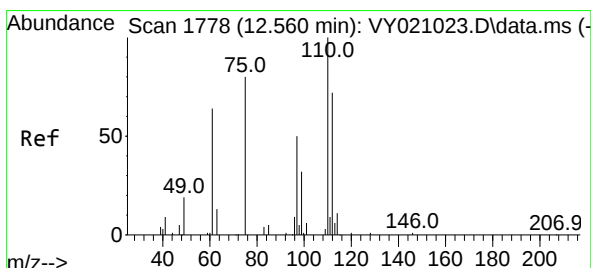
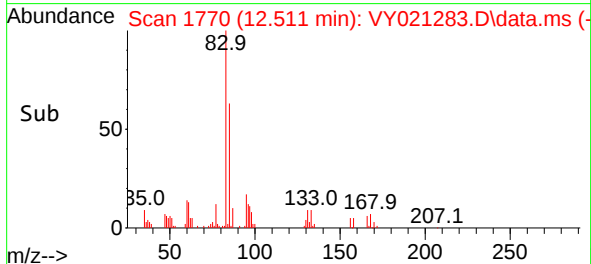
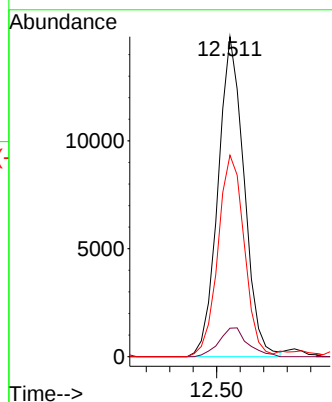
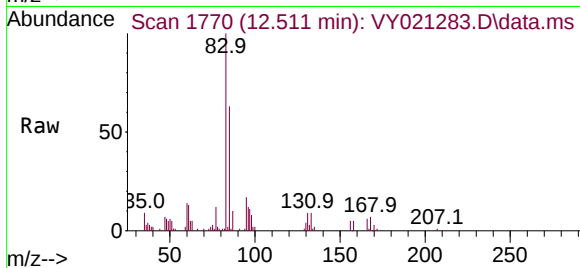




#75
1,1,2,2-Tetrachloroethane
Concen: 18.107 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

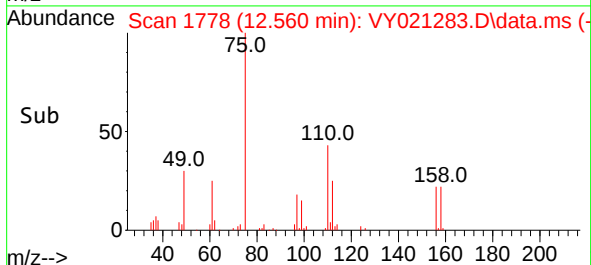
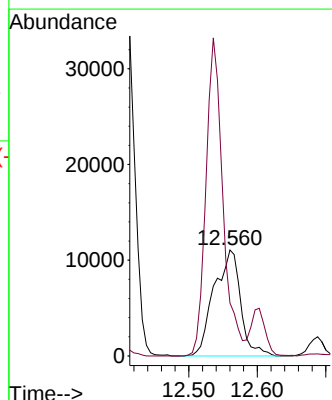
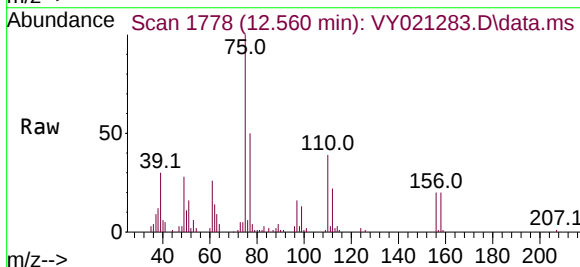
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

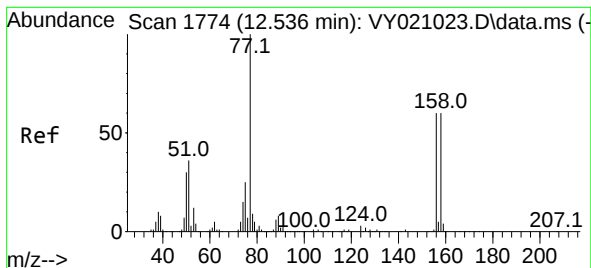
Tgt Ion: 83 Resp: 22792
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.6
85 63.6 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 33.837 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 75 Resp: 29741
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.111 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD02

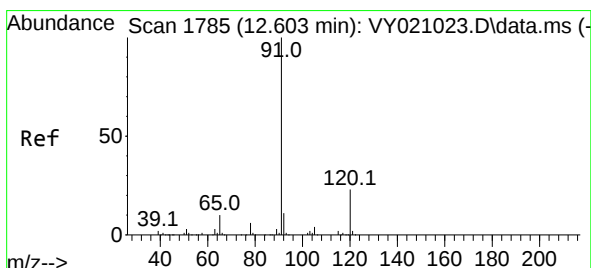
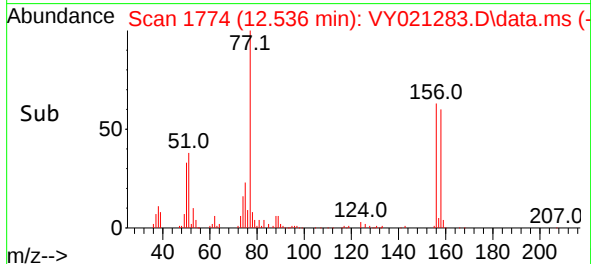
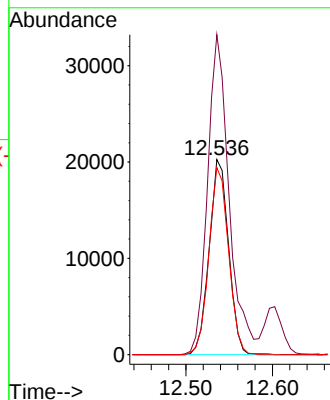
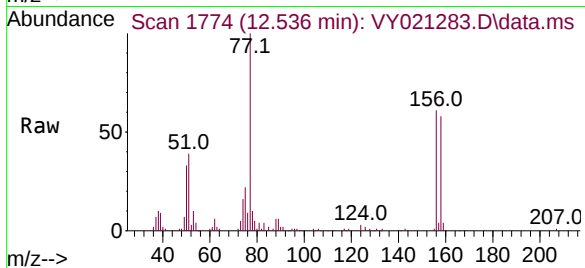
Tgt Ion:156 Resp: 31632

Ion Ratio Lower Upper

156 100

77 180.6 97.3 291.8

158 96.7 48.4 145.0



#78

n-propylbenzene

Concen: 18.911 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VY021283.D

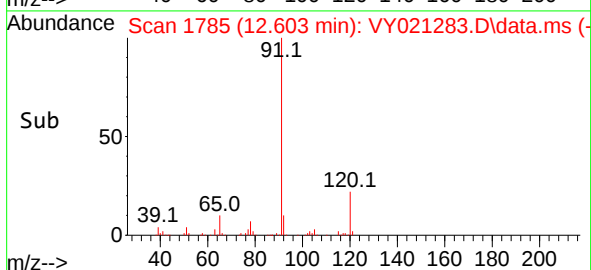
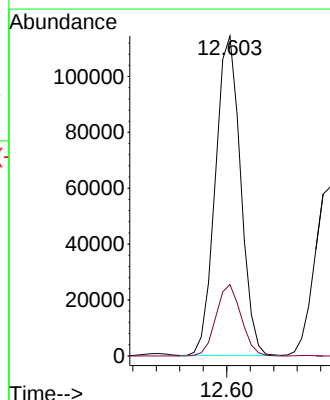
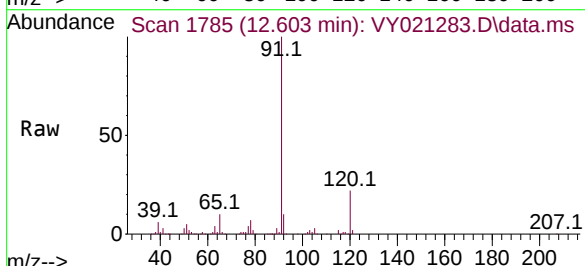
Acq: 21 Feb 2025 14:14

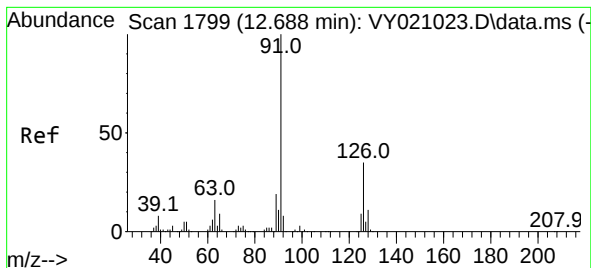
Tgt Ion: 91 Resp: 170503

Ion Ratio Lower Upper

91 100

120 22.1 11.0 33.0

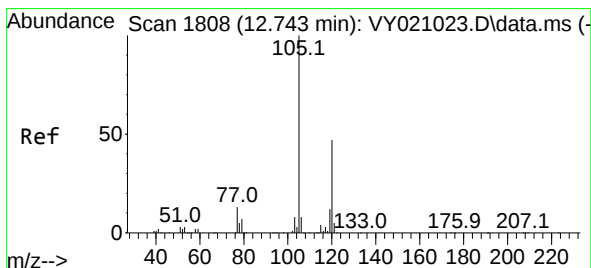
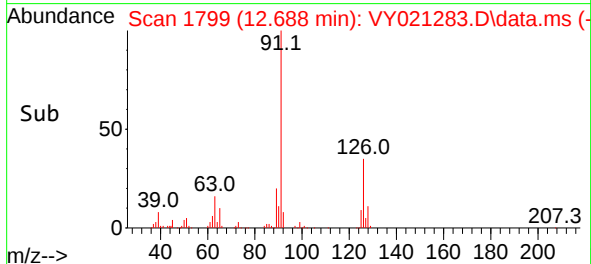
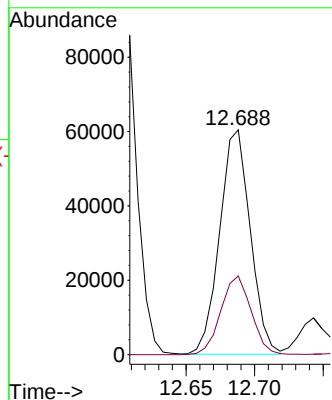
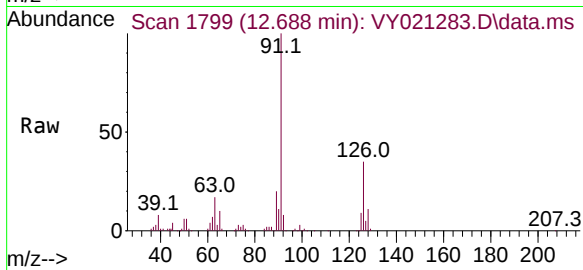




#79
2-Chlorotoluene
Concen: 18.199 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

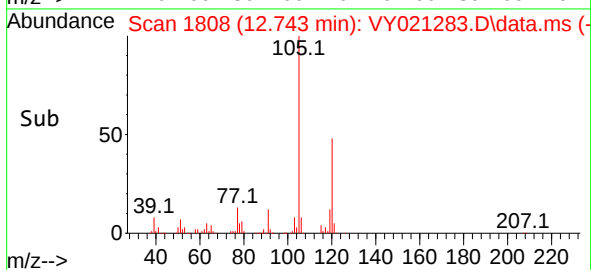
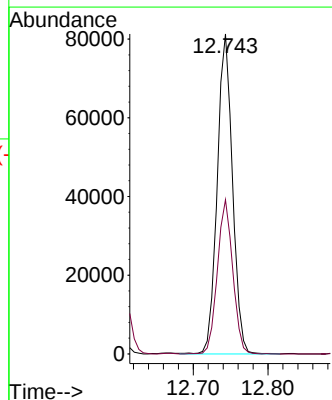
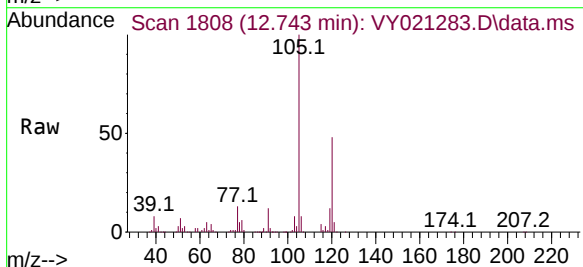
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

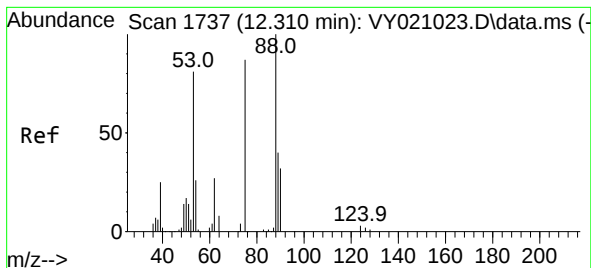
Tgt Ion: 91 Resp: 93980
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 18.822 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion:105 Resp: 115502
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

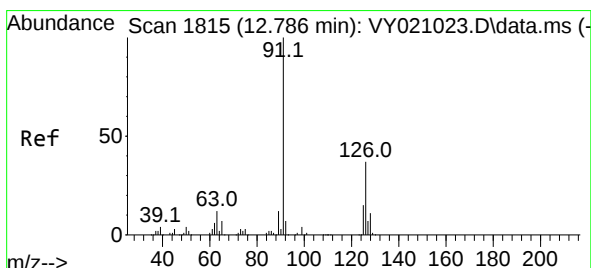
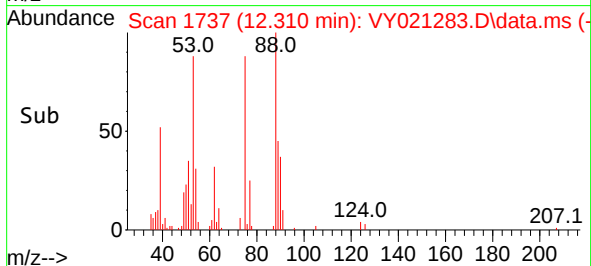
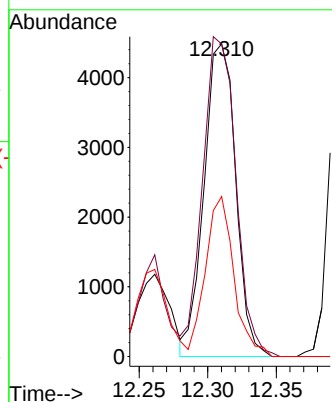
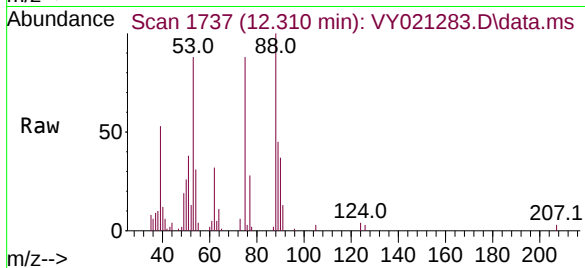




#81
trans-1,4-Dichloro-2-butene
Concen: 16.722 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

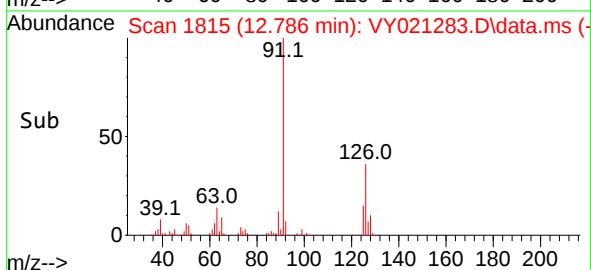
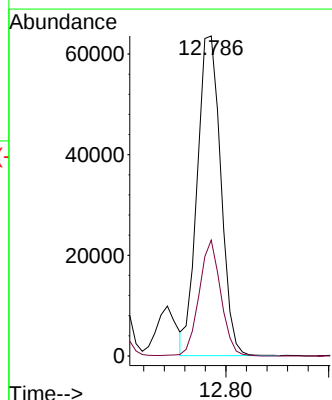
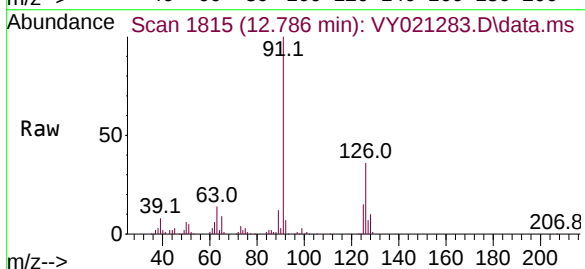
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

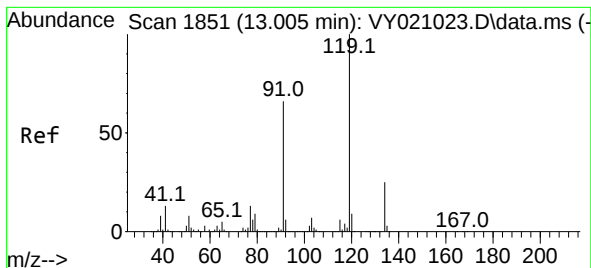
Tgt Ion: 75 Resp: 7203
Ion Ratio Lower Upper
75 100
53 107.1 74.0 111.0
89 45.9 36.5 54.7



#82
4-Chlorotoluene
Concen: 19.205 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion: 91 Resp: 101045
Ion Ratio Lower Upper
91 100
126 33.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 18.049 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD02

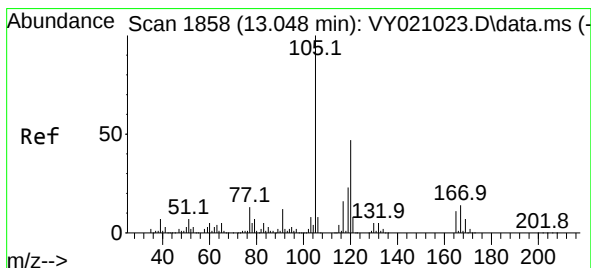
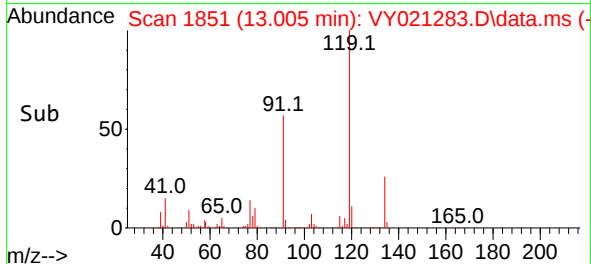
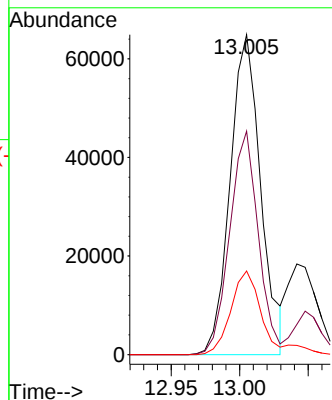
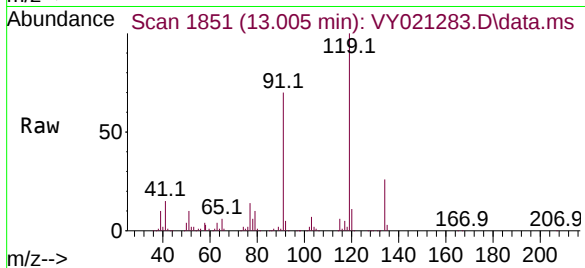
Tgt Ion:119 Resp: 100673

Ion Ratio Lower Upper

119 100

91 65.4 31.5 94.5

134 27.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 18.651 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021283.D

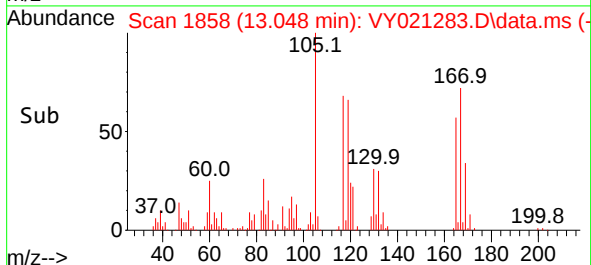
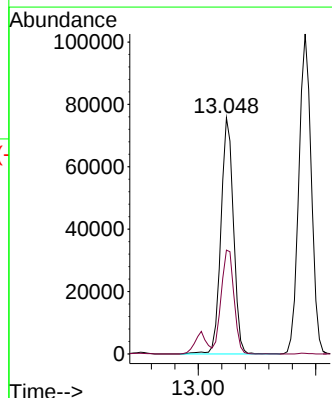
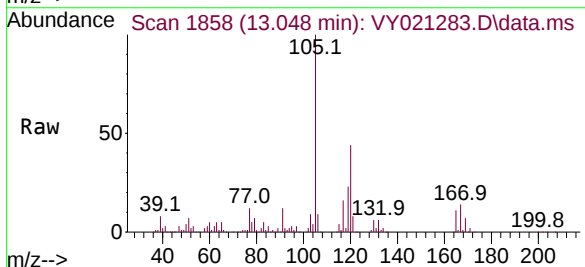
Acq: 21 Feb 2025 14:14

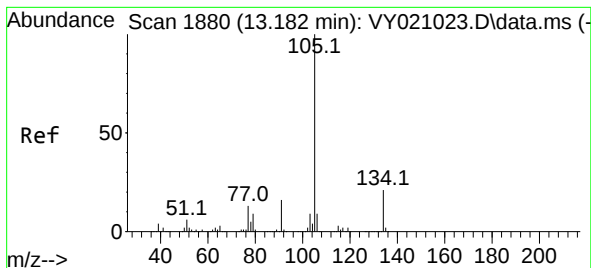
Tgt Ion:105 Resp: 111905

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 18.733 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

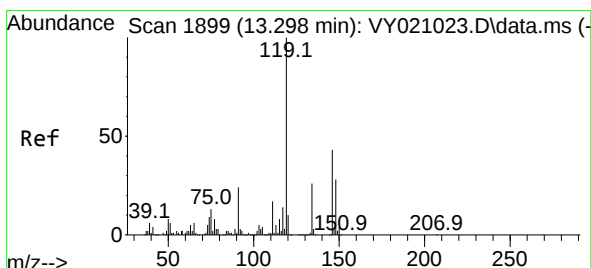
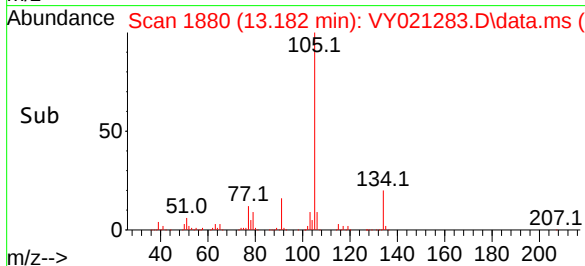
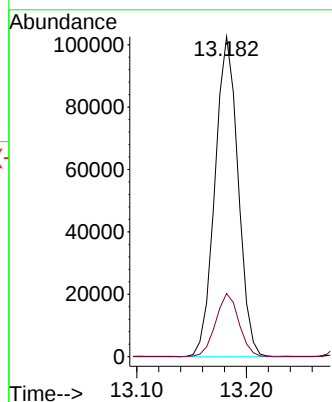
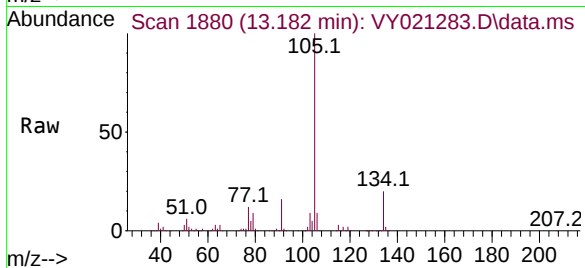
VY0221SBS02

Tgt Ion:105 Resp: 150407

Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 18.626 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

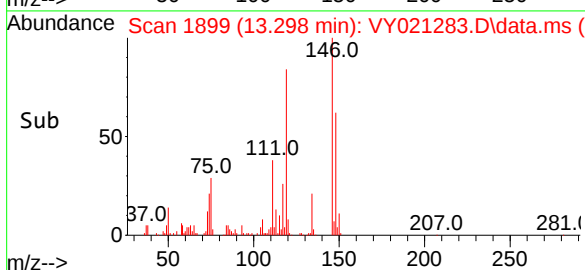
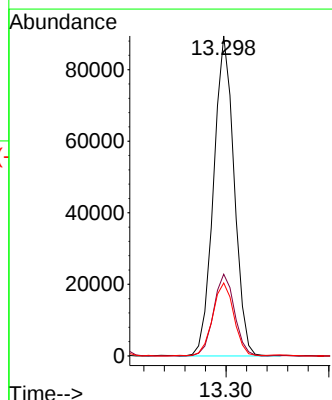
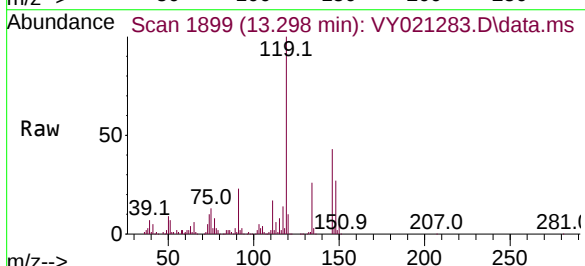
Tgt Ion:119 Resp: 124229

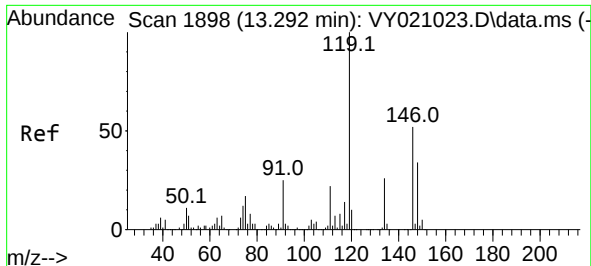
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 23.7 11.7 35.0

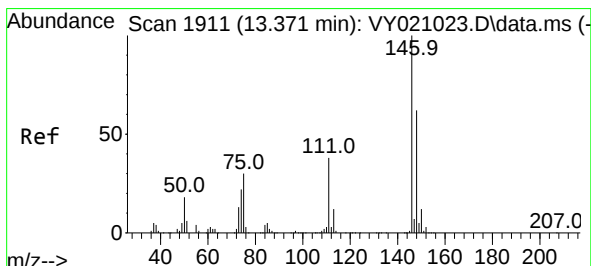
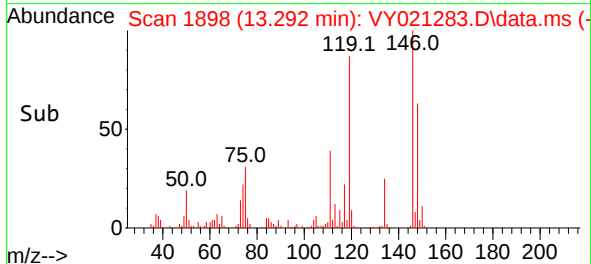
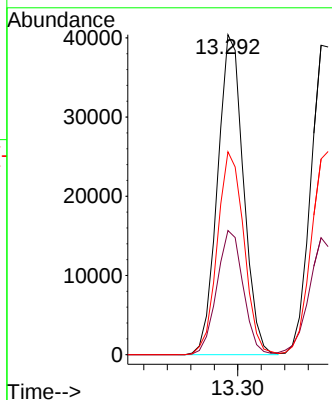
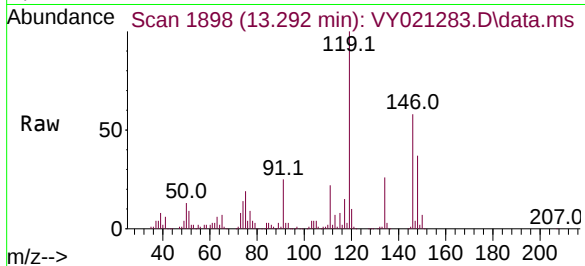




#87
1,3-Dichlorobenzene
Concen: 18.363 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

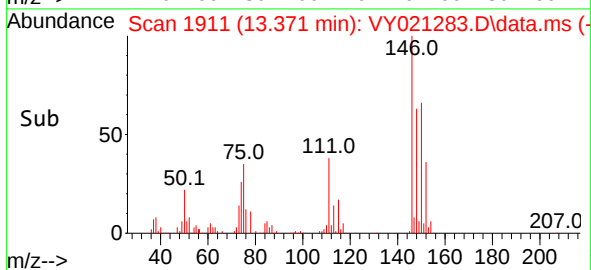
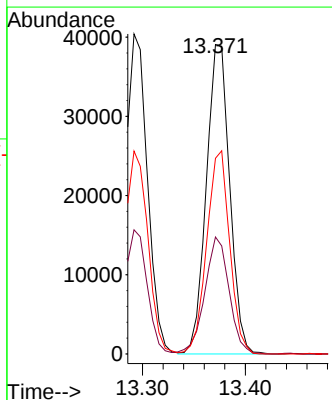
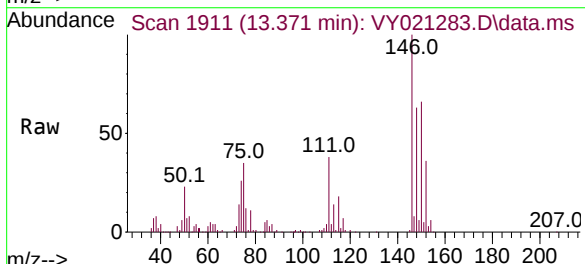
Instrument :
MSVOA_Y
ClientSampleId :
VY0221SBSD02

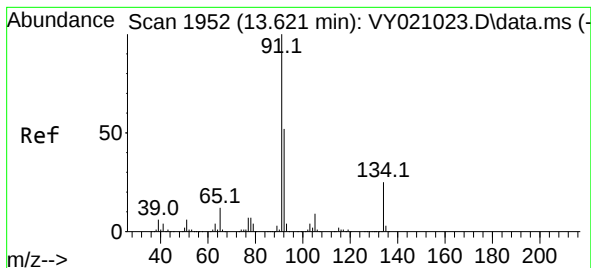
Tgt Ion:146 Resp: 61929
Ion Ratio Lower Upper
146 100
111 39.3 20.2 60.5
148 65.0 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 18.630 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021283.D
Acq: 21 Feb 2025 14:14

Tgt Ion:146 Resp: 61861
Ion Ratio Lower Upper
146 100
111 39.2 19.3 57.9
148 64.5 31.6 94.7





#89

n-Butylbenzene

Concen: 18.814 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBS02

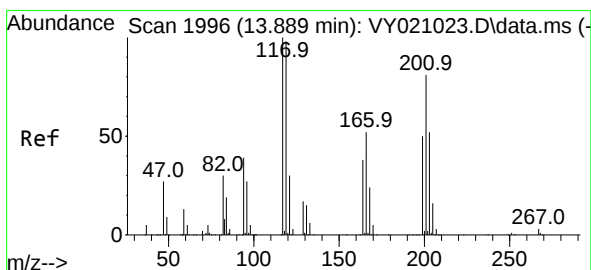
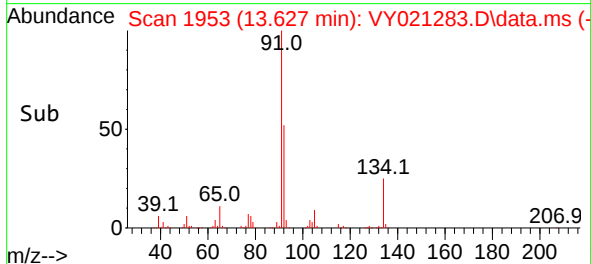
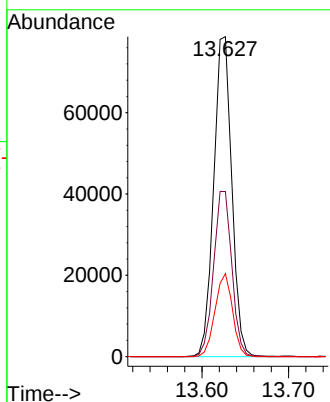
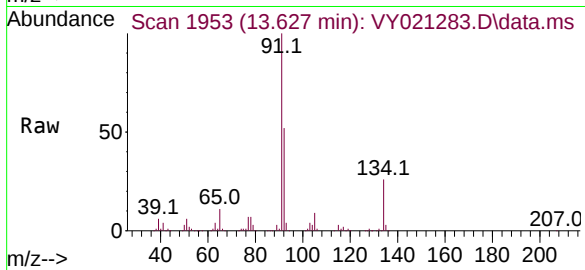
Tgt Ion: 91 Resp: 114476

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.2

134 25.1 12.3 36.8



#90

Hexachloroethane

Concen: 18.798 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VY021283.D

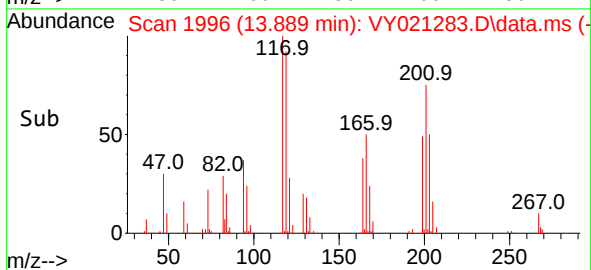
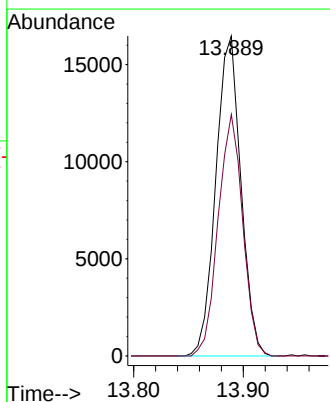
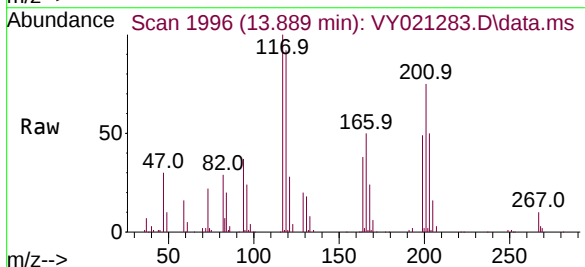
Acq: 21 Feb 2025 14:14

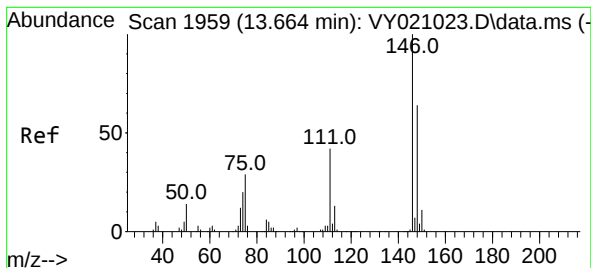
Tgt Ion: 117 Resp: 26155

Ion Ratio Lower Upper

117 100

201 73.8 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 18.639 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD02

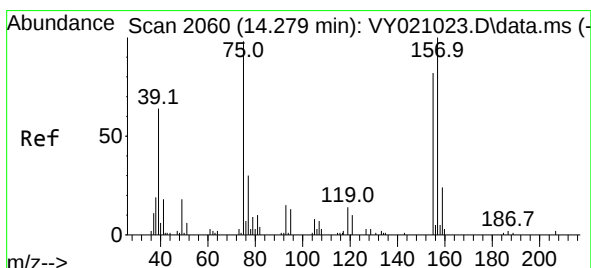
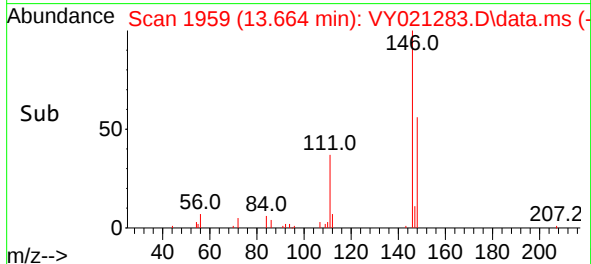
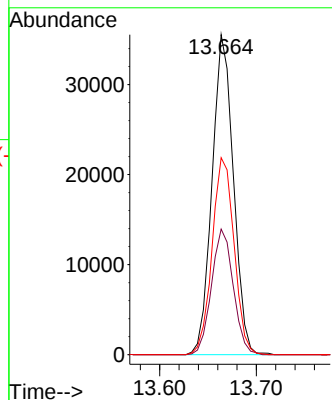
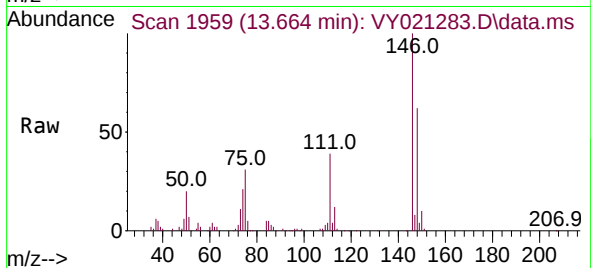
Tgt Ion:146 Resp: 54557

Ion Ratio Lower Upper

146 100

111 39.9 20.5 61.6

148 63.4 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.469 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

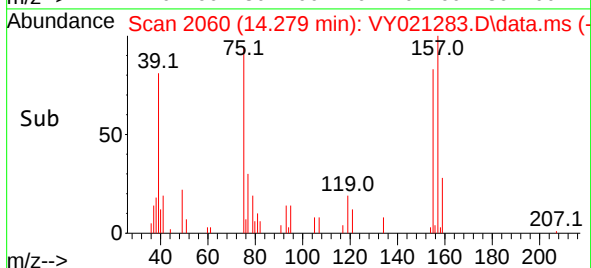
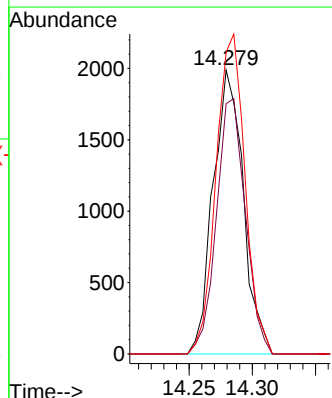
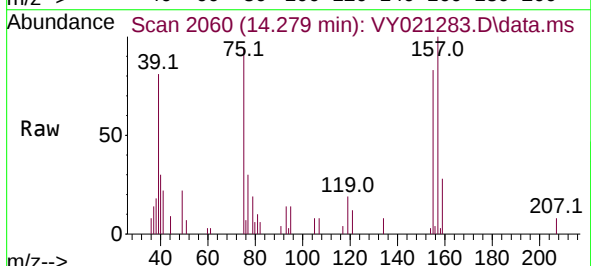
Tgt Ion: 75 Resp: 3286

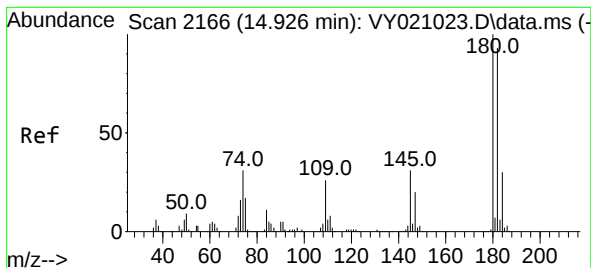
Ion Ratio Lower Upper

75 100

155 86.7 42.1 126.3

157 108.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 17.835 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD02

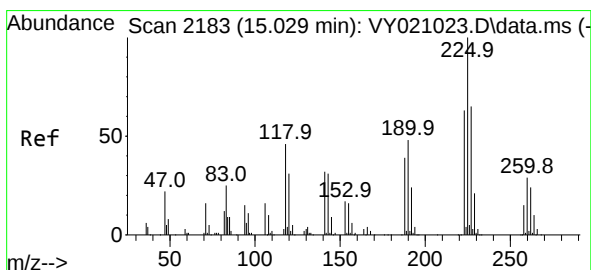
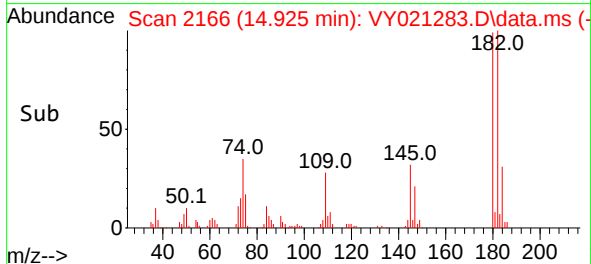
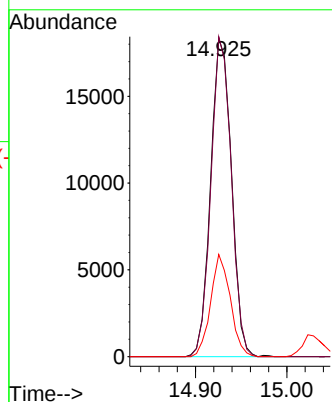
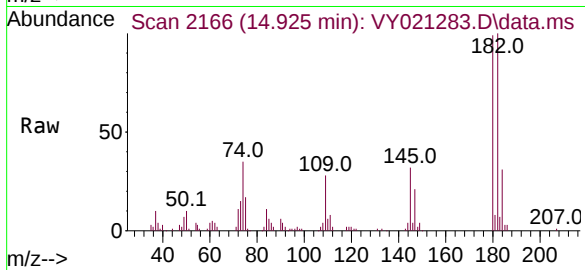
Tgt Ion:180 Resp: 29058

Ion Ratio Lower Upper

180 100

182 97.9 47.9 143.7

145 30.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.109 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

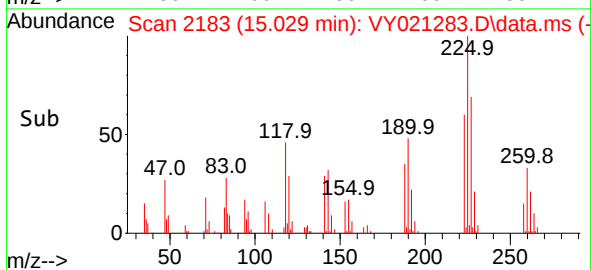
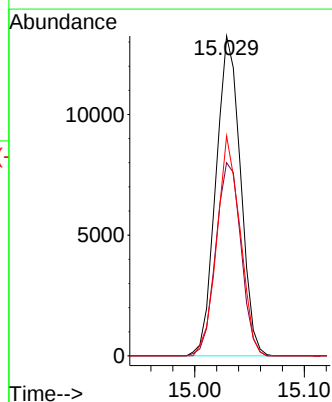
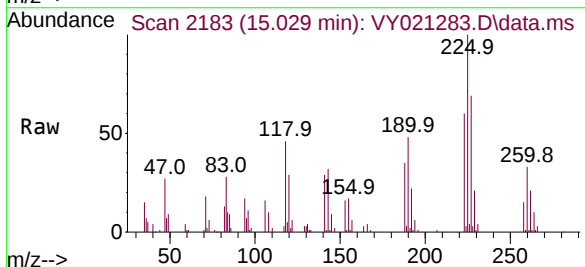
Tgt Ion:225 Resp: 20632

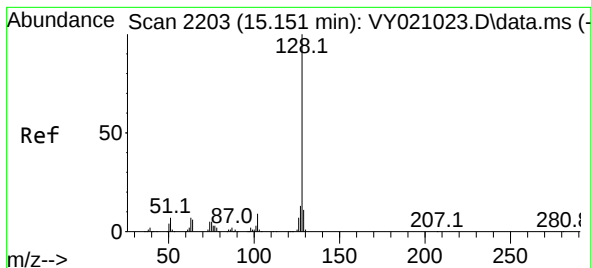
Ion Ratio Lower Upper

225 100

223 62.0 31.4 94.3

227 64.8 32.3 96.8





#95

Naphthalene

Concen: 17.047 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0221SBSD02

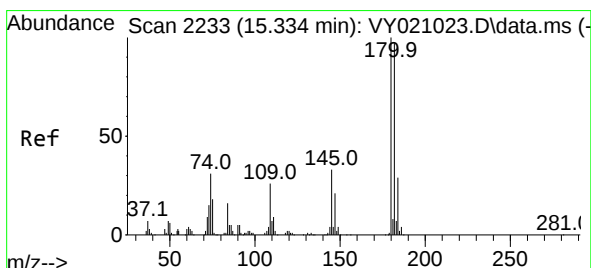
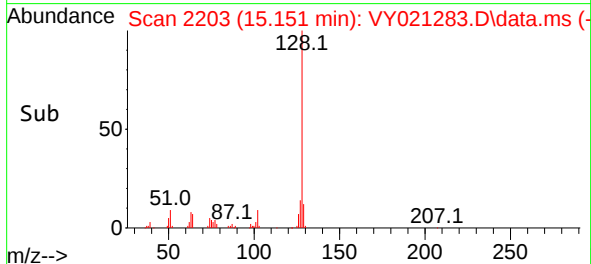
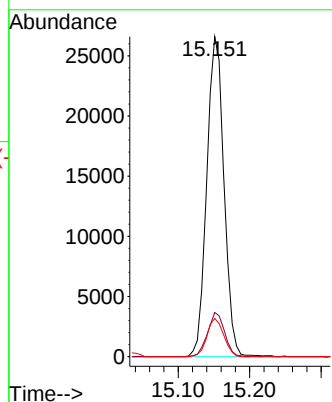
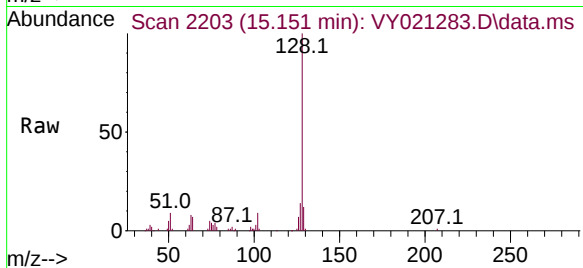
Tgt Ion:128 Resp: 44435

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 11.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.003 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021283.D

Acq: 21 Feb 2025 14:14

Tgt Ion:180 Resp: 24411

Ion Ratio Lower Upper

180 100

182 97.3 46.3 138.8

145 30.8 16.1 48.2

