

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021964.D
 Acq On : 23 Apr 2025 11:07
 Operator : SY/MD
 Sample : VY0423SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBS01

Quant Time: Apr 24 03:44:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	295173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	458305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	417679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	221603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	140165	51.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.820%	
35) Dibromofluoromethane	7.634	113	156093	51.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.100%	
50) Toluene-d8	10.109	98	593014	51.951	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.900%	
62) 4-Bromofluorobenzene	12.408	95	194614	50.645	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.300%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	49150	19.542	ug/l	97
3) Chloromethane	2.068	50	79531	22.207	ug/l	97
4) Vinyl Chloride	2.202	62	90607	20.588	ug/l	99
5) Bromomethane	2.592	94	91439	24.116	ug/l	98
6) Chloroethane	2.733	64	64520	21.526	ug/l	98
7) Trichlorofluoromethane	3.056	101	123323	21.251	ug/l	100
8) Diethyl Ether	3.458	74	29720	19.676	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	64570	20.511	ug/l	99
10) Methyl Iodide	4.001	142	65818	18.058	ug/l	99
11) Tert butyl alcohol	4.885	59	14597	97.521	ug/l	95
12) 1,1-Dichloroethene	3.787	96	59875	20.405	ug/l	97
13) Acrolein	3.659	56	27435	102.123	ug/l	99
14) Allyl chloride	4.385	41	66968	19.600	ug/l	99
15) Acrylonitrile	5.067	53	55987	101.248	ug/l	99
16) Acetone	3.879	43	38541	94.730	ug/l	92
17) Carbon Disulfide	4.104	76	192526	20.578	ug/l	98
18) Methyl Acetate	4.385	43	27554	21.635	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	131102	19.962	ug/l	96
20) Methylene Chloride	4.616	84	67092	19.461	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	65708	19.995	ug/l	95
22) Diisopropyl ether	6.019	45	156652	20.603	ug/l	93
23) Vinyl Acetate	5.964	43	410600	100.200	ug/l	99
24) 1,1-Dichloroethane	5.915	63	106508	20.209	ug/l	99
25) 2-Butanone	6.896	43	59906	96.392	ug/l	100
26) 2,2-Dichloropropane	6.890	77	94723	20.506	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	74706	20.331	ug/l	99
28) Bromochloromethane	7.244	49	41102	20.078	ug/l	95
29) Tetrahydrofuran	7.262	42	40959	101.473	ug/l	100
30) Chloroform	7.421	83	120714	20.649	ug/l	96
31) Cyclohexane	7.701	56	88058	19.538	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	106943	20.220	ug/l	99
36) 1,1-Dichloropropene	7.835	75	81879	20.132	ug/l	99
37) Ethyl Acetate	6.988	43	29318	20.071	ug/l	98
38) Carbon Tetrachloride	7.817	117	100138	20.605	ug/l	97
39) Methylcyclohexane	9.109	83	98332	19.212	ug/l	96
40) Benzene	8.079	78	263532	20.728	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	15367	19.245	ug/l #	89
42) 1,2-Dichloroethane	8.158	62	65165	20.702	ug/l	100
43) Isopropyl Acetate	8.201	43	55377	19.741	ug/l	99
44) Trichloroethene	8.866	130	71222	20.225	ug/l	99
45) 1,2-Dichloropropane	9.140	63	57685	20.517	ug/l	99
46) Dibromomethane	9.231	93	36042	20.478	ug/l	99
47) Bromodichloromethane	9.426	83	90955	20.687	ug/l	96
48) Methyl methacrylate	9.219	41	27965	21.565	ug/l	95
49) 1,4-Dioxane	9.244	88	7517	400.714	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	150808	102.554	ug/l	99
52) Toluene	10.170	92	170967	20.774	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	75065	19.904	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	92666	20.670	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	48596	20.670	ug/l	97
56) Ethyl methacrylate	10.438	69	52604	19.566	ug/l	99
57) 1,3-Dichloropropane	10.719	76	76673	20.343	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	134039	101.970	ug/l	100
59) 2-Hexanone	10.762	43	97696	100.725	ug/l	95
60) Dibromochloromethane	10.914	129	66379	20.393	ug/l	98
61) 1,2-Dibromoethane	11.018	107	45815	20.642	ug/l	99
64) Tetrachloroethene	10.646	164	80494	20.429	ug/l	98
65) Chlorobenzene	11.444	112	188396	20.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	68045	20.693	ug/l	98
67) Ethyl Benzene	11.518	91	302678	19.810	ug/l	99
68) m/p-Xylenes	11.627	106	245304	40.346	ug/l	99
69) o-Xylene	11.956	106	110797	19.772	ug/l	99
70) Styrene	11.969	104	188948	20.082	ug/l	99
71) Bromoform	12.133	173	38634	20.208	ug/l #	99
73) Isopropylbenzene	12.255	105	290429	19.616	ug/l	99
74) N-amyl acetate	12.072	43	48649	19.125	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	52798	21.152	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	66167	34.859	ug/l #	100
77) Bromobenzene	12.536	156	73923	19.760	ug/l	97
78) n-propylbenzene	12.597	91	357207	20.260	ug/l	100
79) 2-Chlorotoluene	12.682	91	204453	19.939	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	244632	20.054	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	14911	18.917	ug/l	93
82) 4-Chlorotoluene	12.779	91	218007	20.453	ug/l	99
83) tert-Butylbenzene	12.999	119	210516	19.242	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	244676	20.053	ug/l	100
85) sec-Butylbenzene	13.176	105	318306	19.883	ug/l	100
86) p-Isopropyltoluene	13.292	119	265758	19.549	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	149215	19.638	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	150139	19.951	ug/l	99
89) n-Butylbenzene	13.621	91	234544	19.302	ug/l	98
90) Hexachloroethane	13.883	117	59491	19.918	ug/l	100
91) 1,2-Dichlorobenzene	13.663	146	133741	20.180	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8096	20.386	ug/l	86
93) 1,2,4-Trichlorobenzene	14.919	180	70613	18.803	ug/l	99
94) Hexachlorobutadiene	15.023	225	43918	19.007	ug/l	98
95) Naphthalene	15.145	128	110434	17.702	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	61606	19.004	ug/l	97

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MSVOA_Y
ClientSampleId :
VY0423SBS01

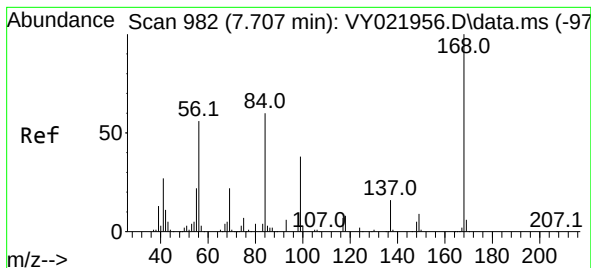
Quant Time: Apr 24 03:44:57 2025
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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

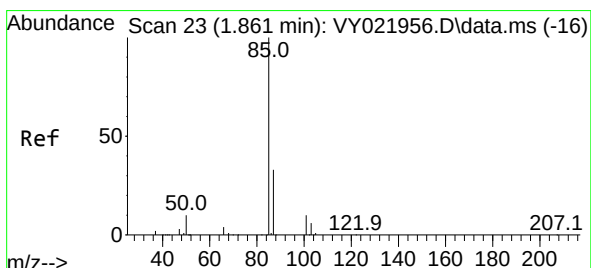
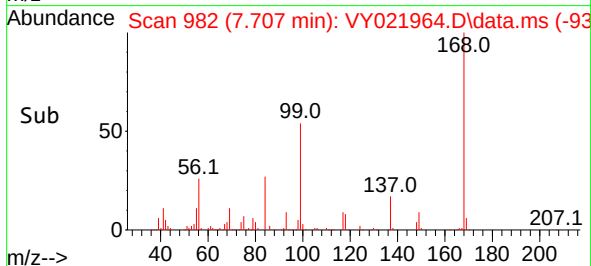
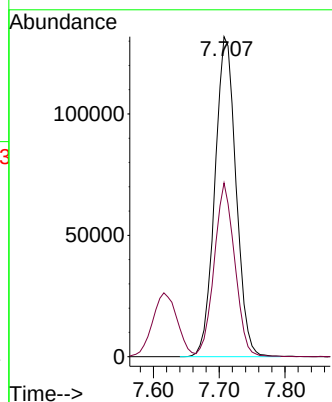
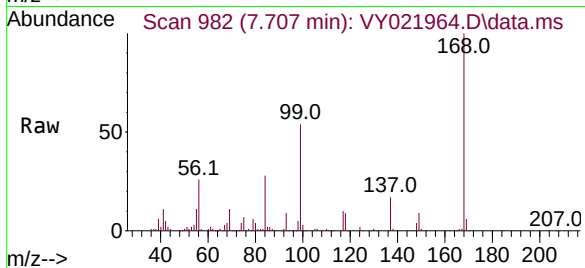
VY0423SBS01

Tgt Ion:168 Resp: 295173

Ion Ratio Lower Upper

168 100

99 54.1 43.1 64.7



#2

Dichlorodifluoromethane

Concen: 19.542 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.006 min

Lab File: VY021964.D

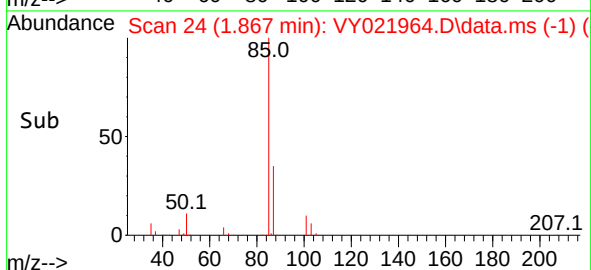
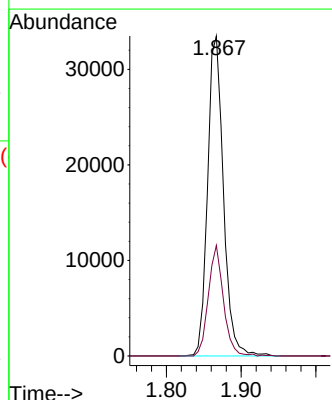
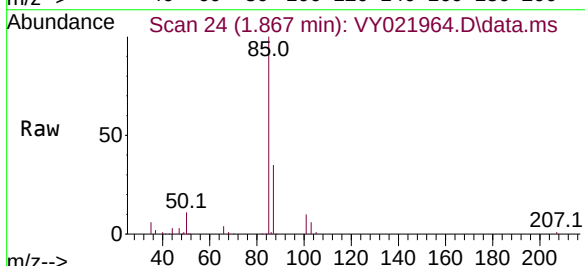
Acq: 23 Apr 2025 11:07

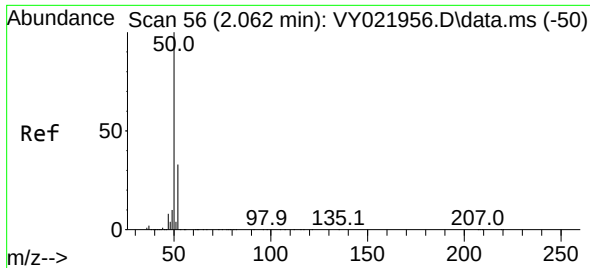
Tgt Ion: 85 Resp: 49150

Ion Ratio Lower Upper

85 100

87 34.6 16.6 49.7

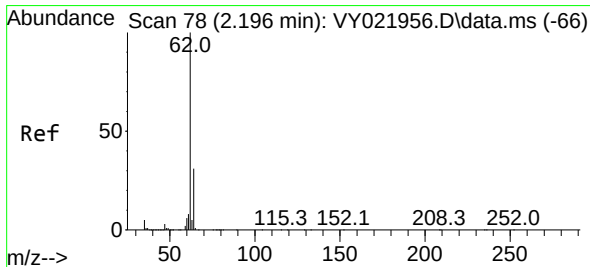
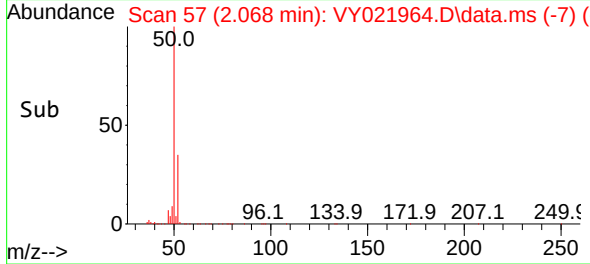
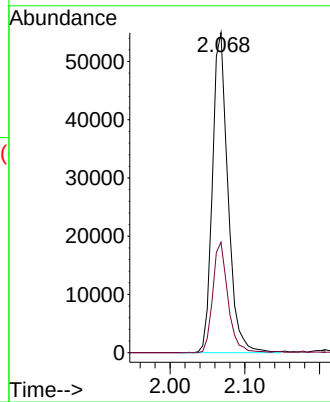
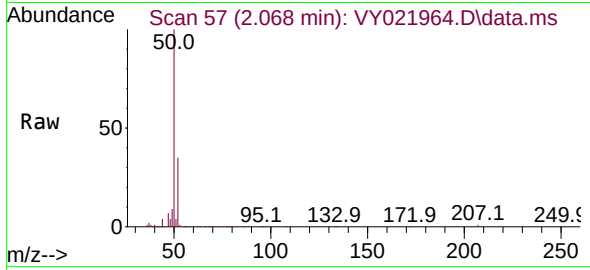




#3
Chloromethane
Concen: 22.207 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

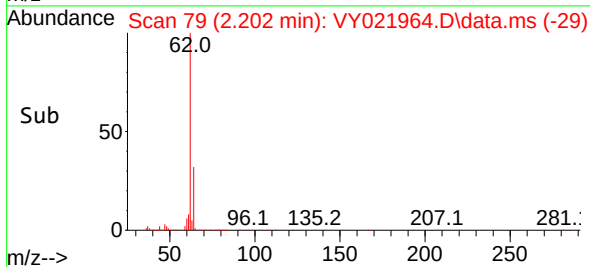
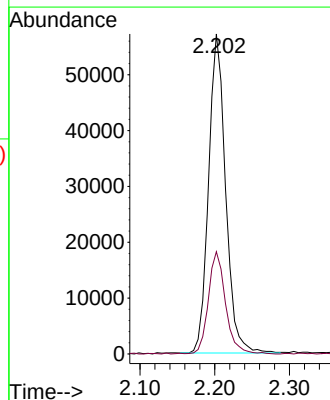
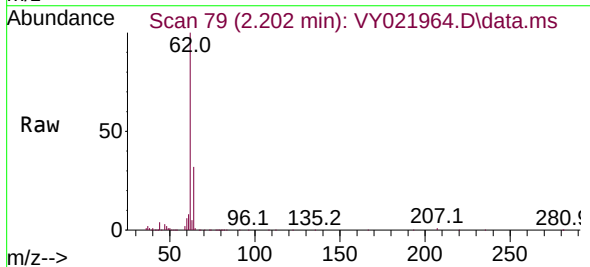
Instrument :
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ClientSampleId :
VY0423SBS01

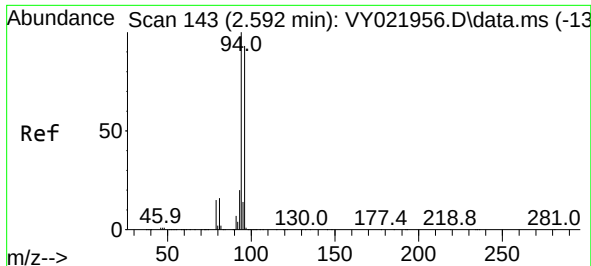
Tgt Ion: 50 Resp: 79531
Ion Ratio Lower Upper
50 100
52 34.5 26.1 39.1



#4
Vinyl Chloride
Concen: 20.588 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 62 Resp: 90607
Ion Ratio Lower Upper
62 100
64 32.0 25.1 37.7

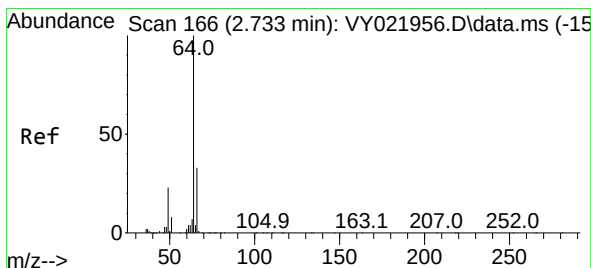
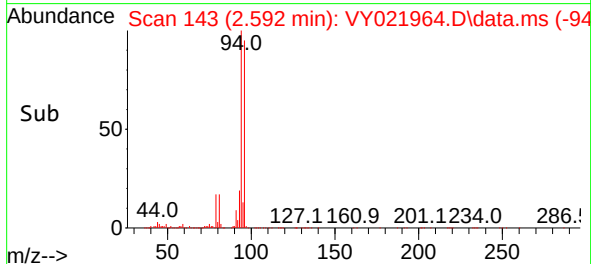
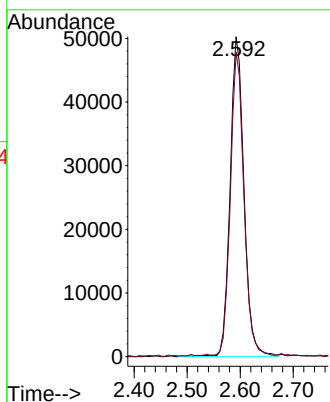
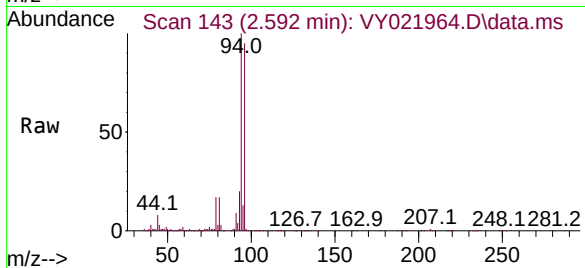




#5
Bromomethane
Concen: 24.116 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

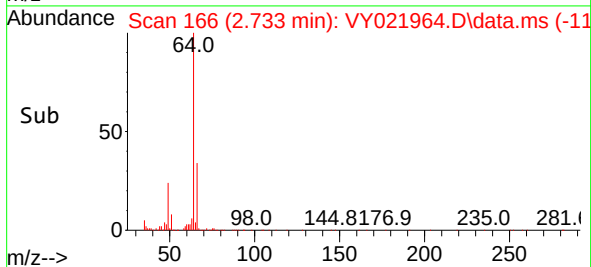
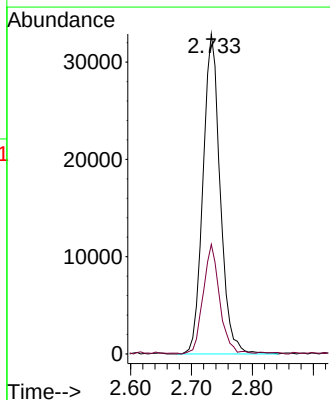
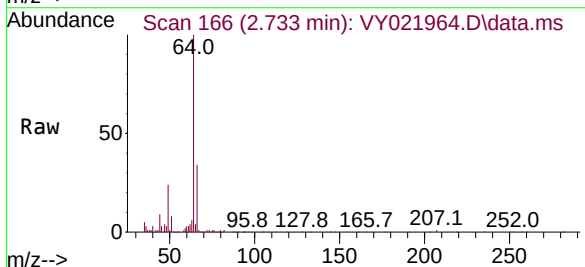
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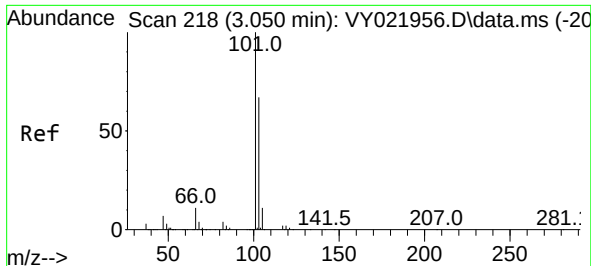
Tgt Ion: 94 Resp: 91439
Ion Ratio Lower Upper
94 100
96 94.9 74.6 111.8



#6
Chloroethane
Concen: 21.526 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 64 Resp: 64520
Ion Ratio Lower Upper
64 100
66 34.0 26.2 39.4

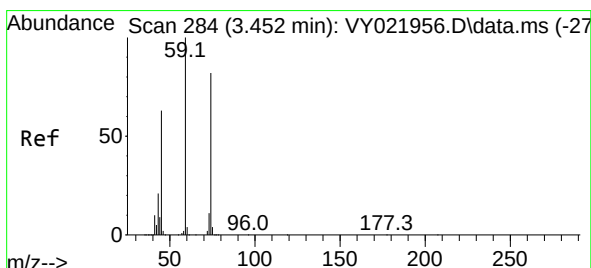
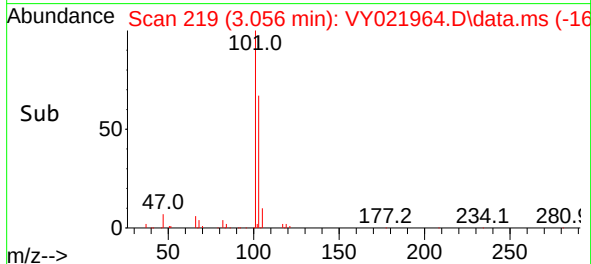
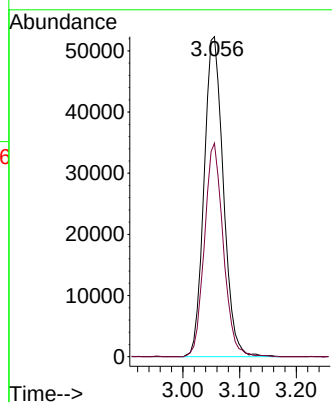
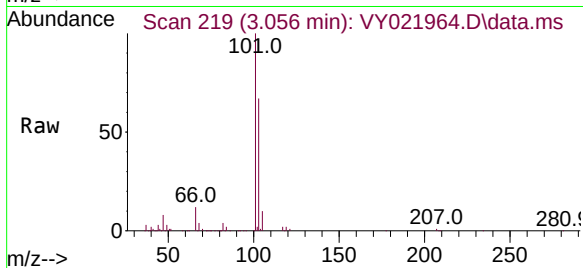




#7
 Trichlorofluoromethane
 Concen: 21.251 ug/l
 RT: 3.056 min Scan# 218
 Delta R.T. 0.006 min
 Lab File: VY021964.D
 Acq: 23 Apr 2025 11:07

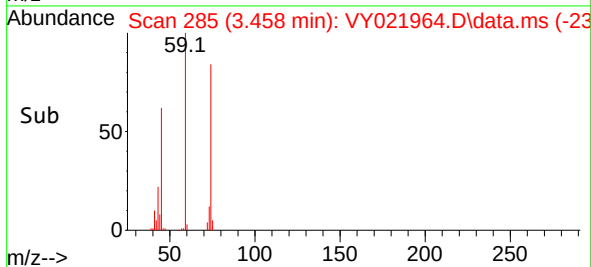
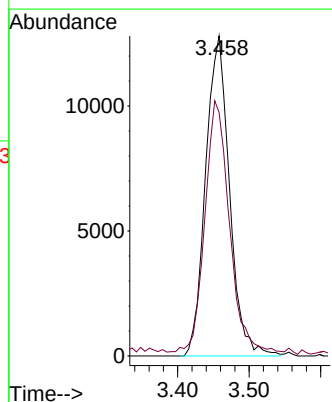
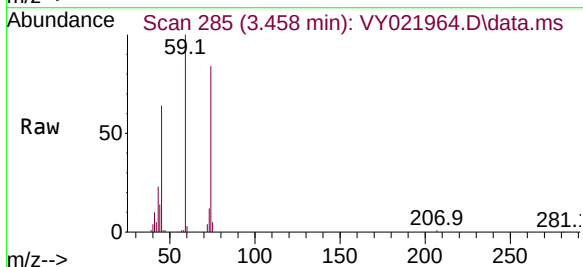
Instrument :
 MSVOA_Y
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 VY0423SBS01

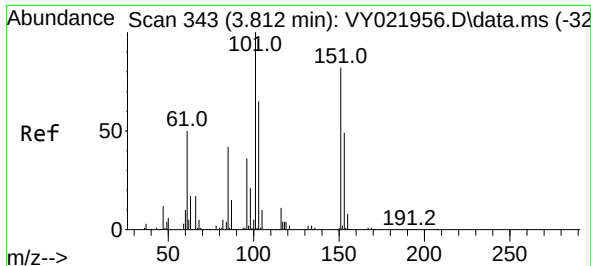
Tgt Ion:101 Resp: 123323
 Ion Ratio Lower Upper
 101 100
 103 66.7 53.6 80.4



#8
 Diethyl Ether
 Concen: 19.676 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY021964.D
 Acq: 23 Apr 2025 11:07

Tgt Ion: 74 Resp: 29720
 Ion Ratio Lower Upper
 74 100
 45 79.4 39.1 117.5

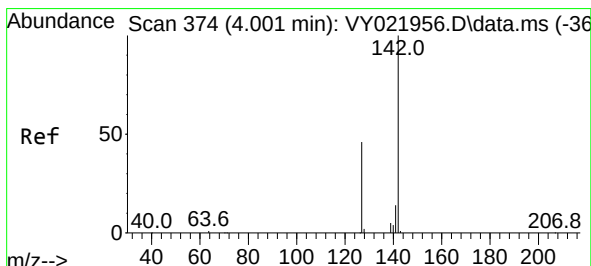
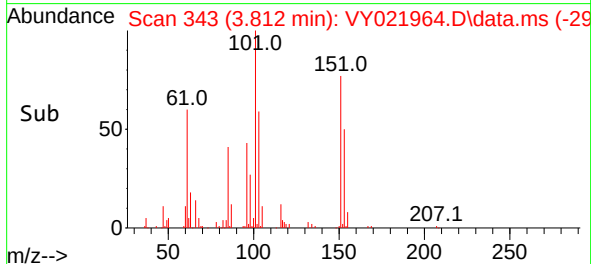
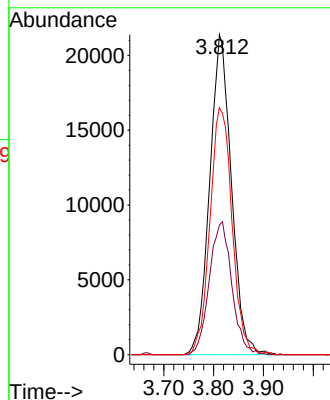
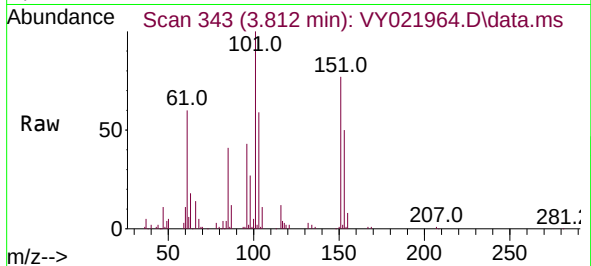




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.511 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY021964.D
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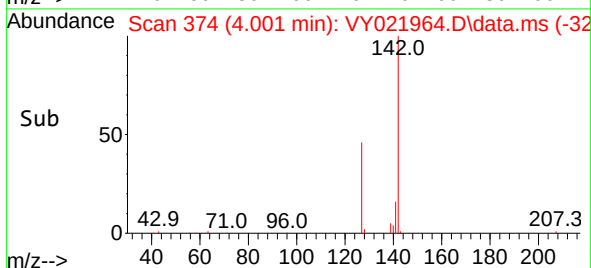
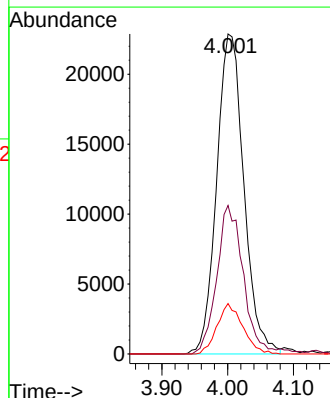
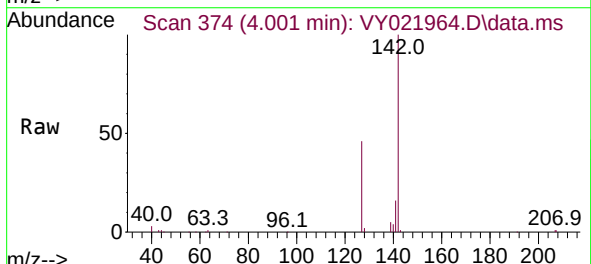
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

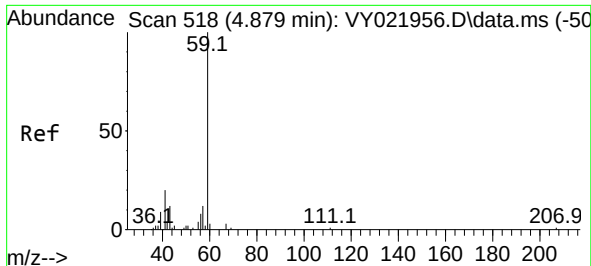
Tgt Ion:101 Resp: 64570
Ion Ratio Lower Upper
101 100
85 43.1 34.6 51.8
151 78.8 63.7 95.5



#10
Methyl Iodide
Concen: 18.058 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion:142 Resp: 65818
Ion Ratio Lower Upper
142 100
127 45.7 36.2 54.2
141 14.9 11.7 17.5

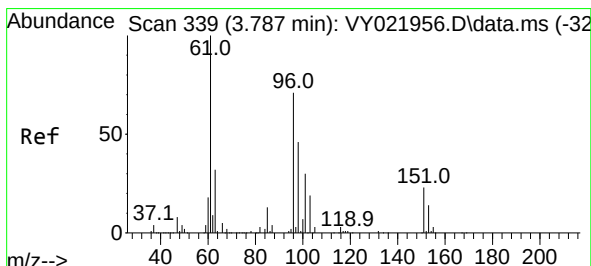
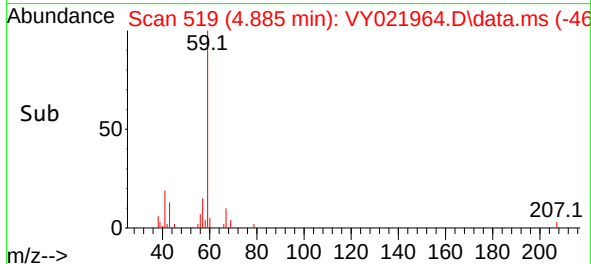
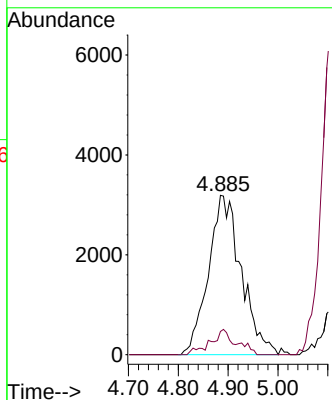
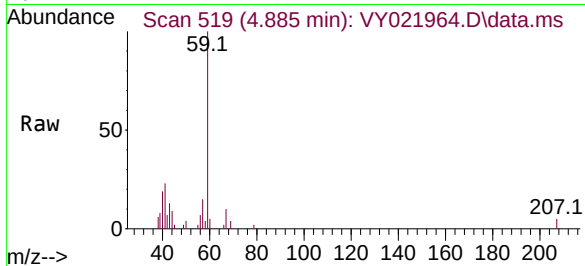




#11
Tert butyl alcohol
Concen: 97.521 ug/l
RT: 4.885 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

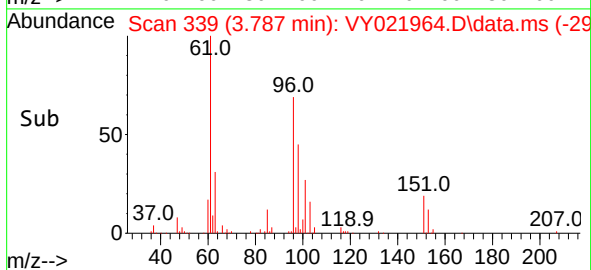
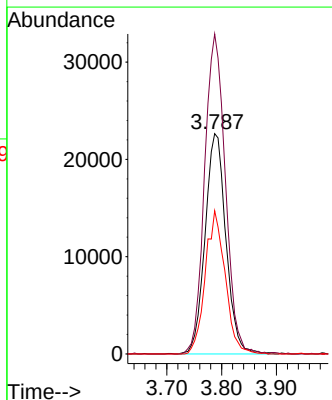
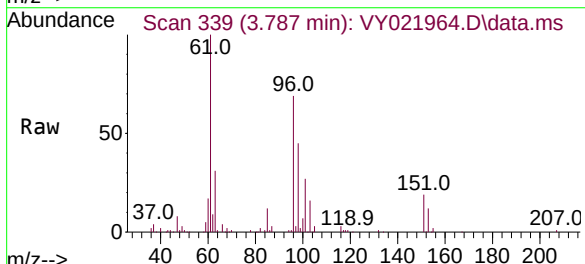
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

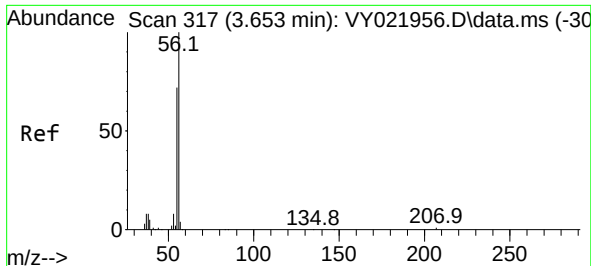
Tgt Ion: 59 Resp: 14597
Ion Ratio Lower Upper
59 100
57 9.7 9.3 13.9



#12
1,1-Dichloroethene
Concen: 20.405 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 96 Resp: 59875
Ion Ratio Lower Upper
96 100
61 145.2 113.0 169.4
98 65.0 51.4 77.2

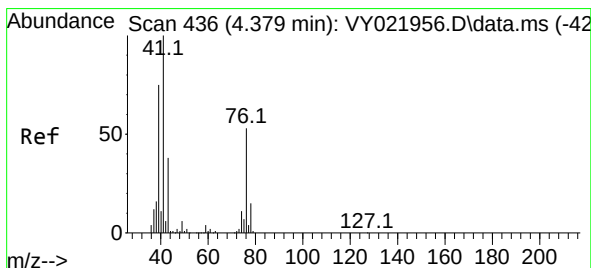
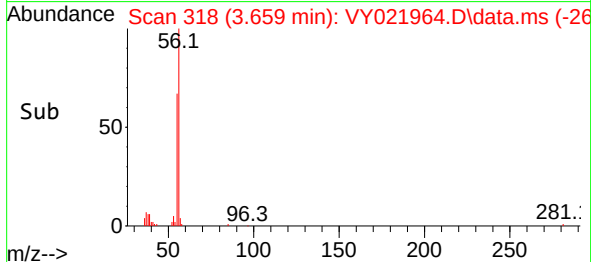
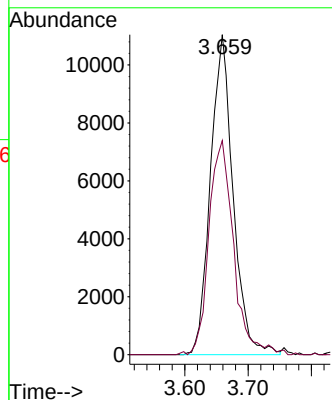
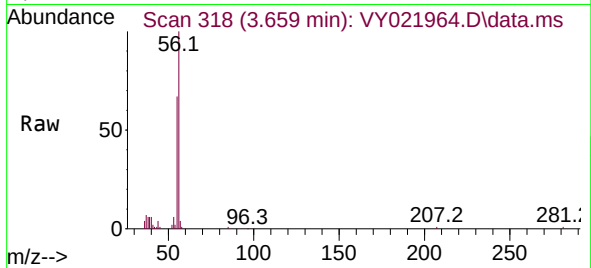




#13
Acrolein
Concen: 102.123 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

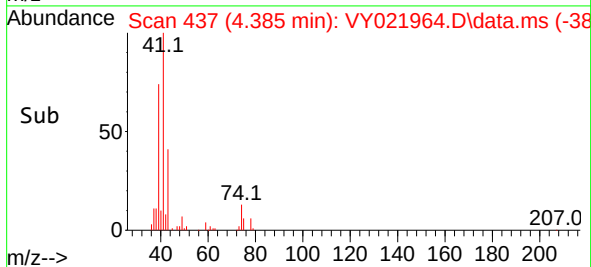
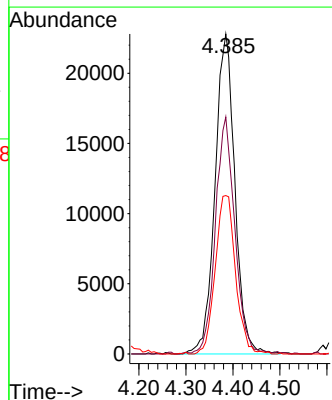
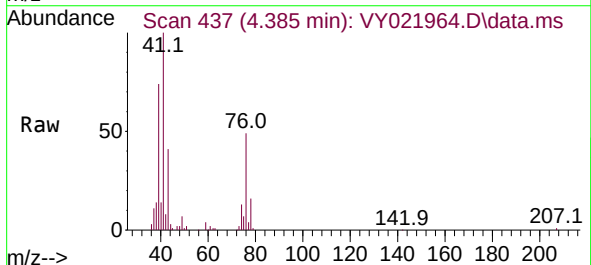
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

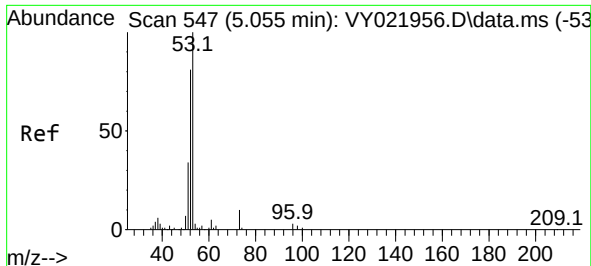
Tgt Ion: 56 Resp: 27435
Ion Ratio Lower Upper
56 100
55 72.9 57.4 86.0



#14
Allyl chloride
Concen: 19.600 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 41 Resp: 66968
Ion Ratio Lower Upper
41 100
39 72.5 57.2 85.8
76 50.7 39.7 59.5

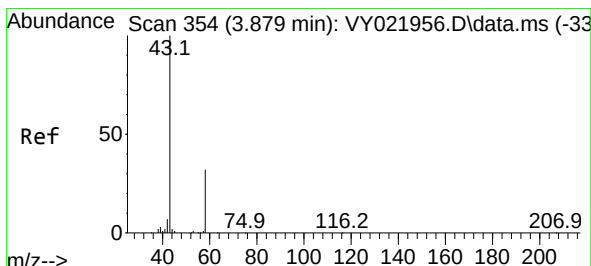
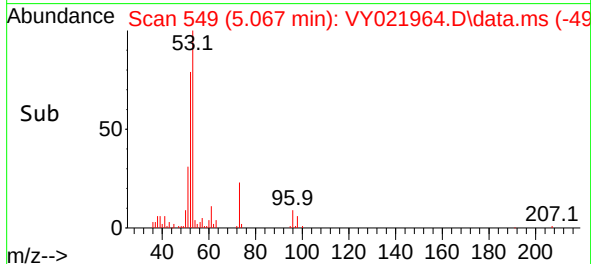
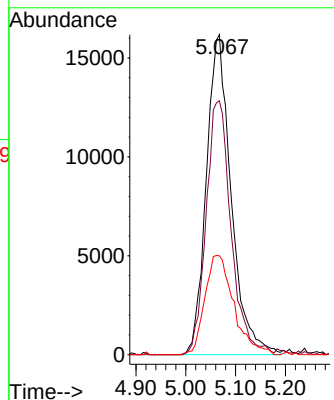
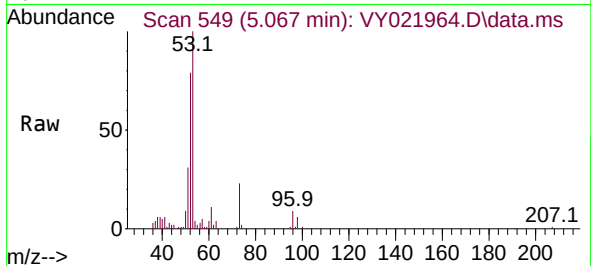




#15
Acrylonitrile
Concen: 101.248 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

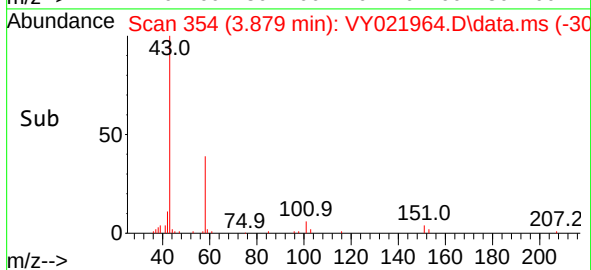
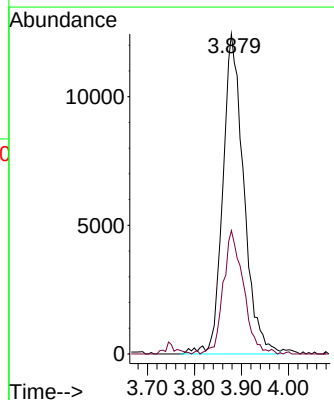
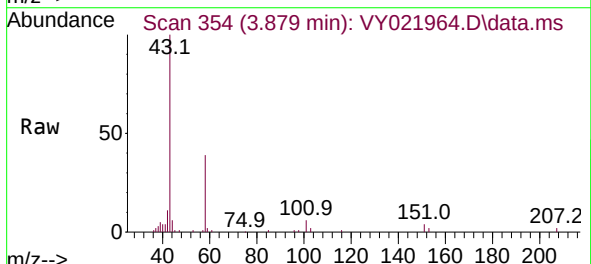
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

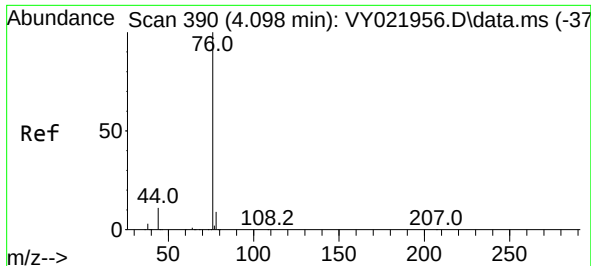
Tgt Ion: 53 Resp: 55987
Ion Ratio Lower Upper
53 100
52 79.8 65.0 97.6
51 36.1 28.9 43.3



#16
Acetone
Concen: 94.730 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 43 Resp: 38541
Ion Ratio Lower Upper
43 100
58 38.1 27.0 40.4

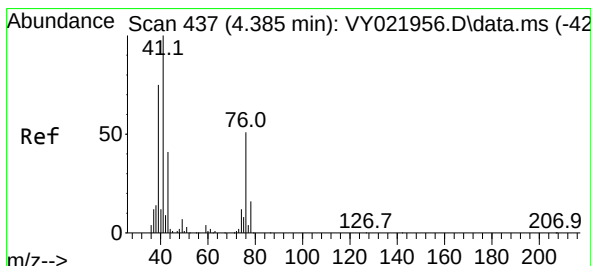
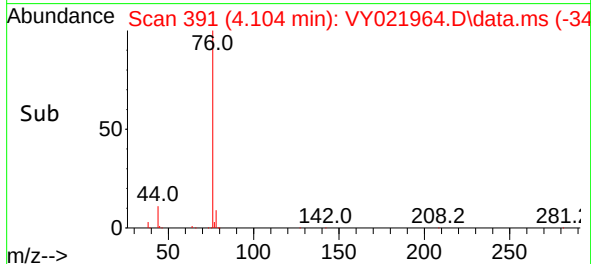
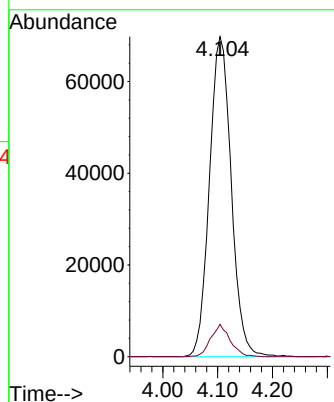
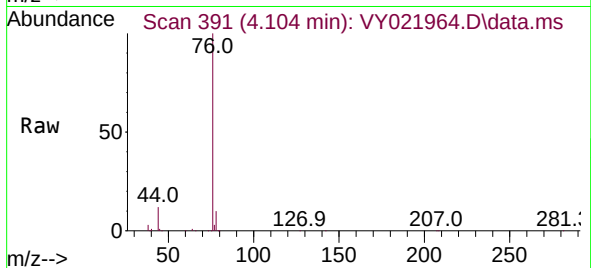




#17
Carbon Disulfide
Concen: 20.578 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

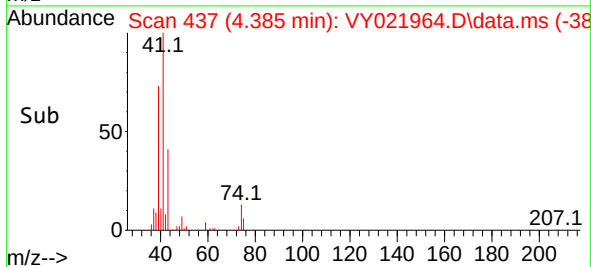
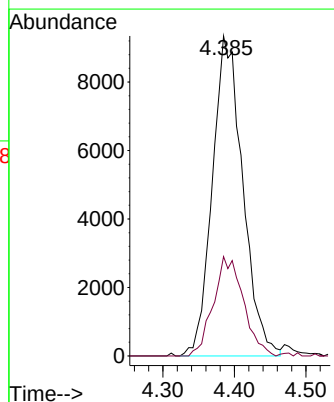
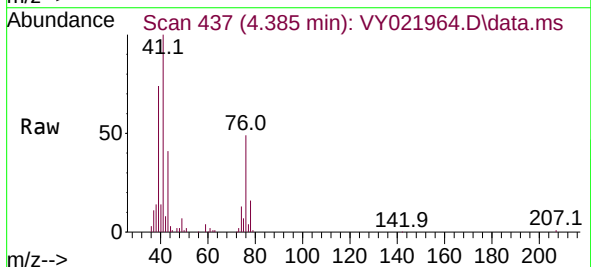
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

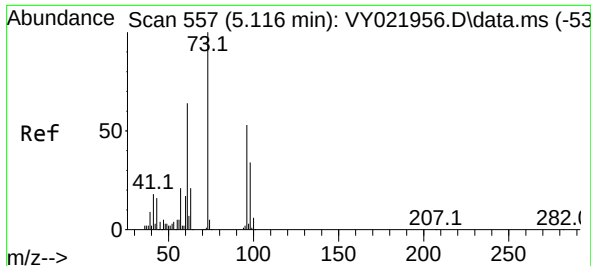
Tgt Ion: 76 Resp: 192526
Ion Ratio Lower Upper
76 100
78 10.1 7.6 11.4



#18
Methyl Acetate
Concen: 21.635 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 43 Resp: 27554
Ion Ratio Lower Upper
43 100
74 30.7 24.2 36.4

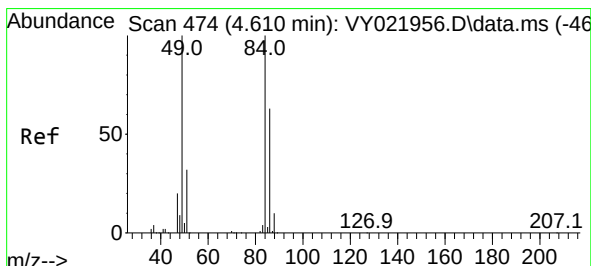
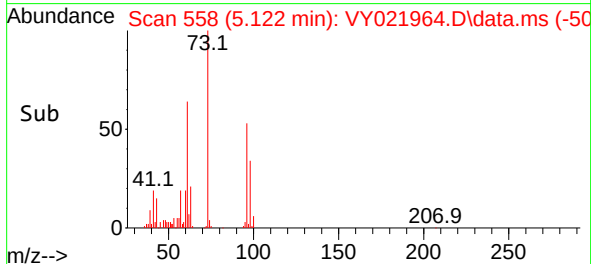
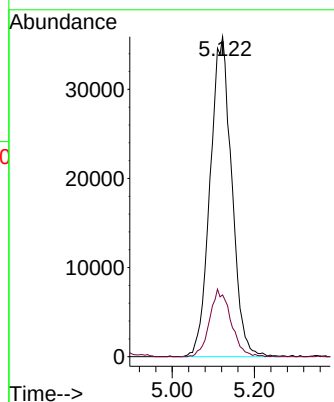
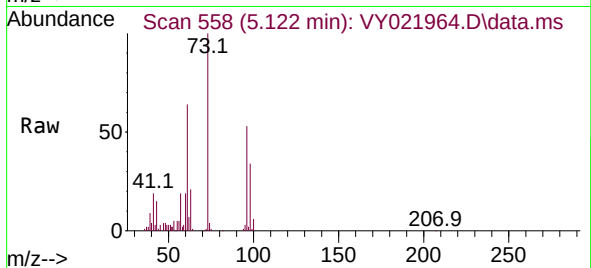




#19
Methyl tert-butyl Ether
Concen: 19.962 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

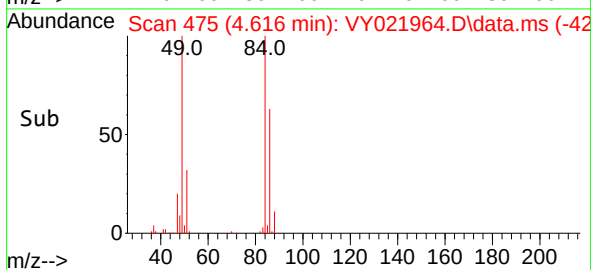
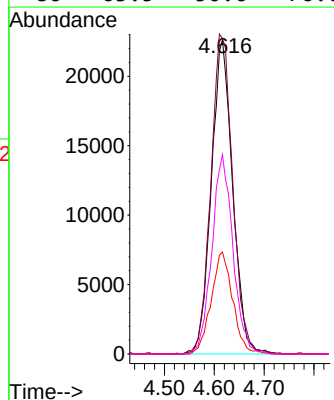
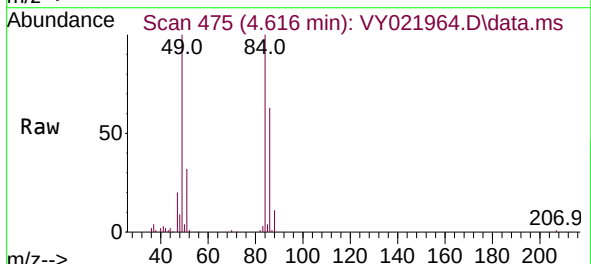
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

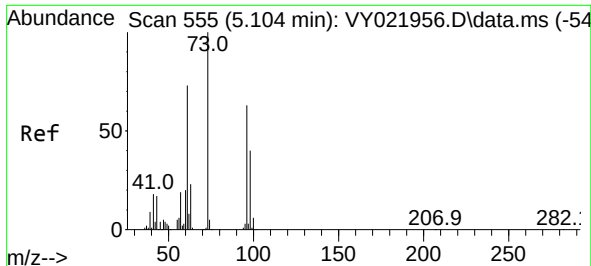
Tgt Ion: 73 Resp: 131102
Ion Ratio Lower Upper
73 100
57 19.3 16.9 25.3



#20
Methylene Chloride
Concen: 19.461 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 84 Resp: 67092
Ion Ratio Lower Upper
84 100
49 100.4 79.9 119.9
51 32.4 25.4 38.0
86 63.5 50.6 76.0

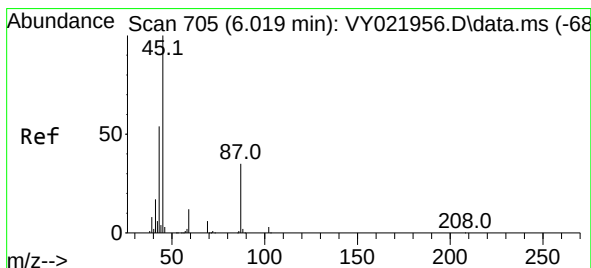
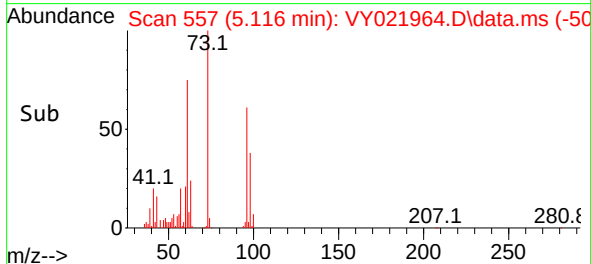
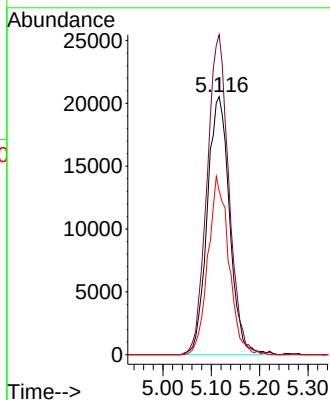
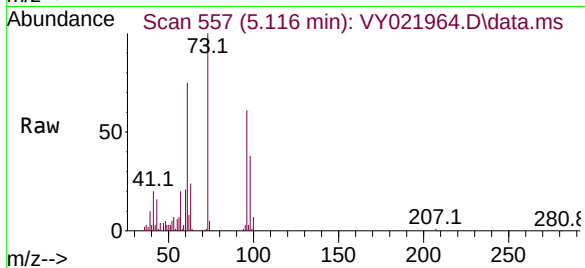




#21
trans-1,2-Dichloroethene
Concen: 19.995 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

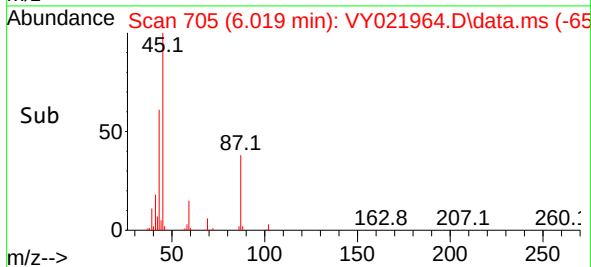
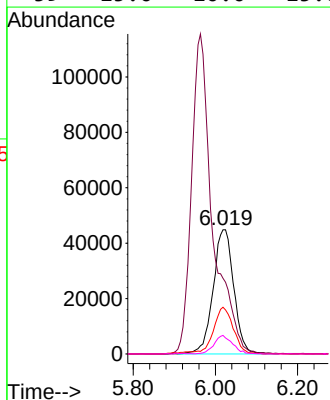
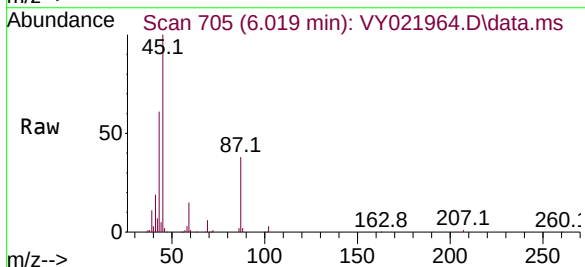
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

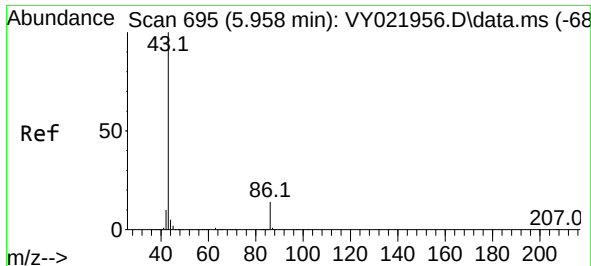
Tgt Ion: 96 Resp: 65708
Ion Ratio Lower Upper
96 100
61 124.0 92.6 138.8
98 63.6 50.2 75.4



#22
Diisopropyl ether
Concen: 20.603 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 45 Resp: 156652
Ion Ratio Lower Upper
45 100
43 60.7 43.6 65.4
87 37.6 28.2 42.4
59 15.0 10.0 15.0

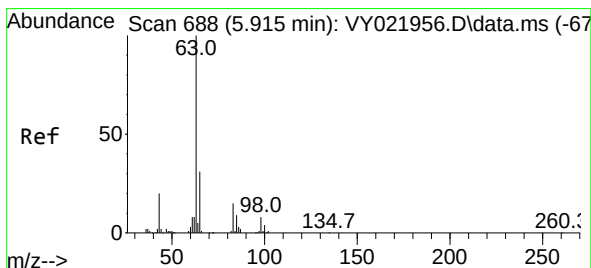
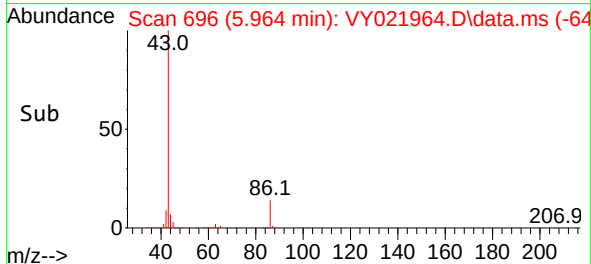
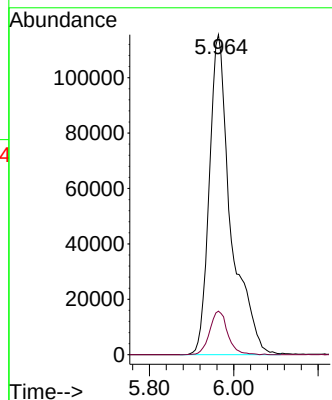
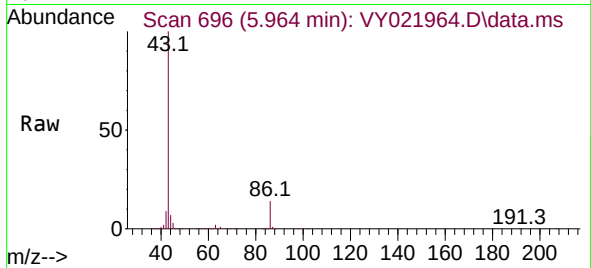




#23
 Vinyl Acetate
 Concen: 100.200 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021964.D
 Acq: 23 Apr 2025 11:07

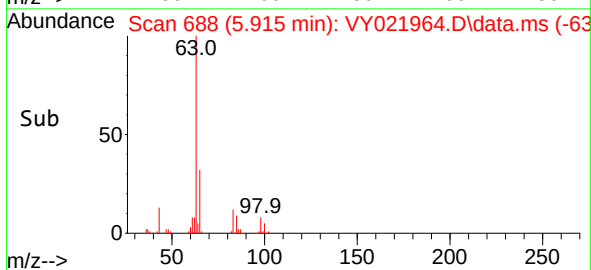
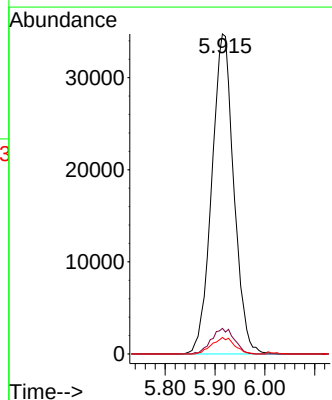
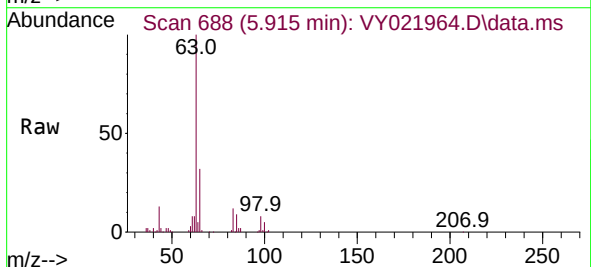
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBS01

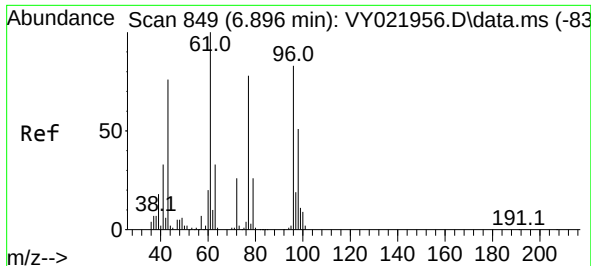
Tgt Ion: 43 Resp: 410600
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 20.209 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY021964.D
 Acq: 23 Apr 2025 11:07

Tgt Ion: 63 Resp: 106508
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 11.9
 100 5.1 2.0 6.0





#25

2-Butanone

Concen: 96.392 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

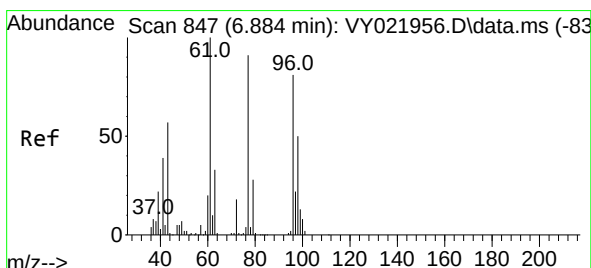
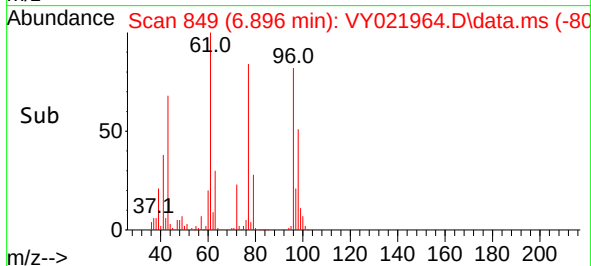
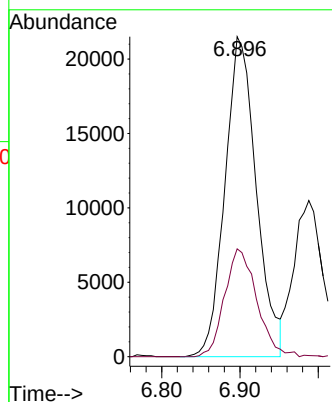
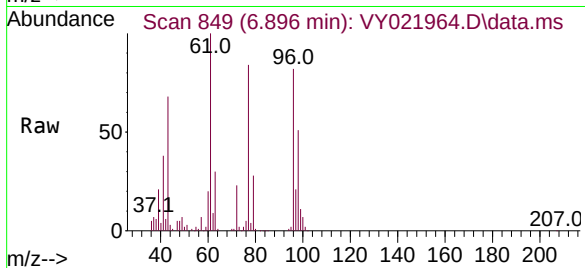
VY0423SBS01

Tgt Ion: 43 Resp: 59906

Ion Ratio Lower Upper

43 100

72 33.7 27.0 40.4



#26

2,2-Dichloropropane

Concen: 20.506 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY021964.D

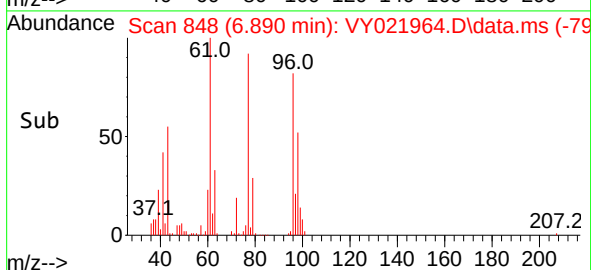
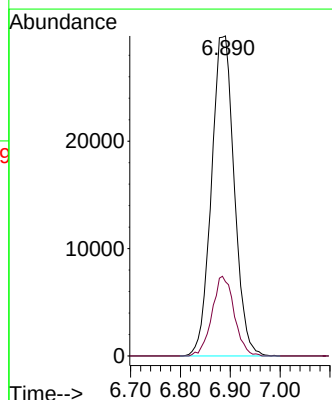
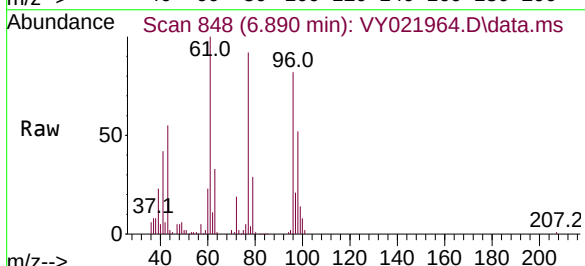
Acq: 23 Apr 2025 11:07

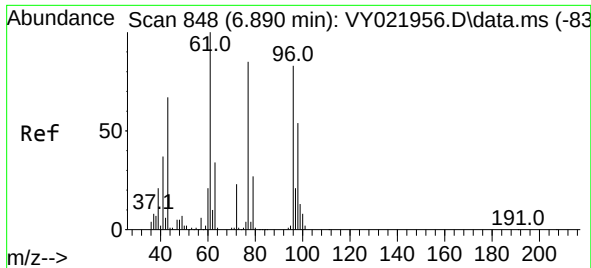
Tgt Ion: 77 Resp: 94723

Ion Ratio Lower Upper

77 100

97 24.2 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 20.331 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01

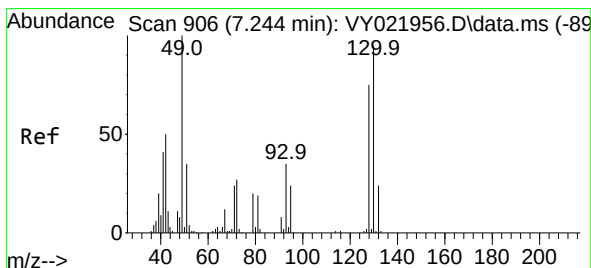
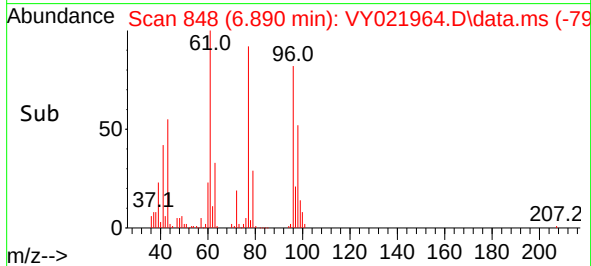
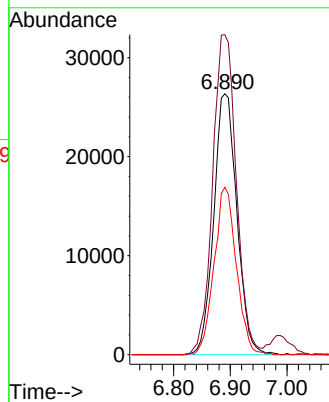
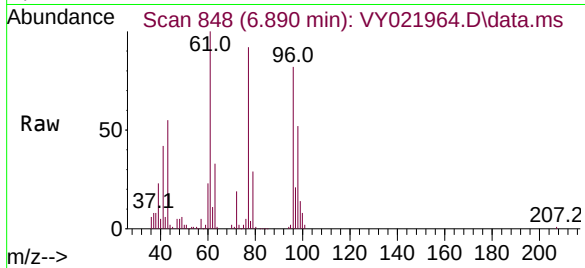
Tgt Ion: 96 Resp: 74706

Ion Ratio Lower Upper

96 100

61 125.5 0.0 251.4

98 61.7 0.0 128.4



#28

Bromochloromethane

Concen: 20.078 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

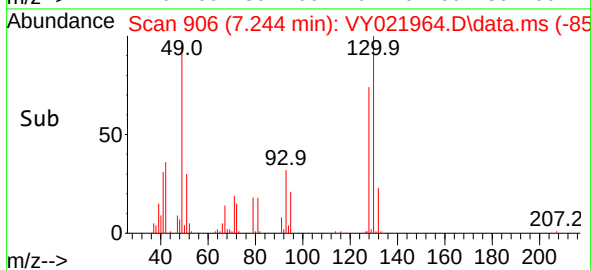
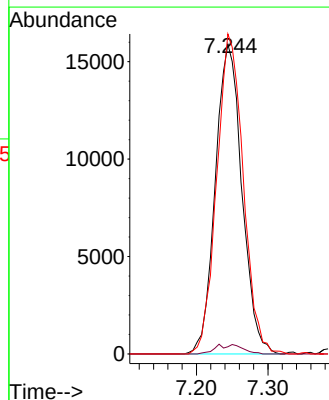
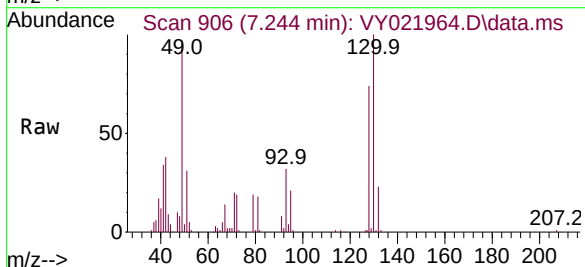
Tgt Ion: 49 Resp: 41102

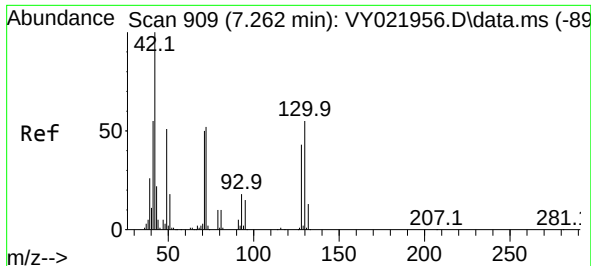
Ion Ratio Lower Upper

49 100

129 1.5 0.0 5.0

130 102.8 78.2 117.4

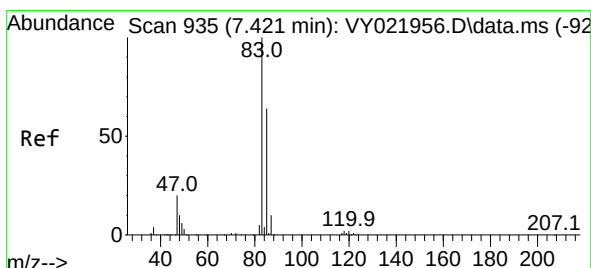
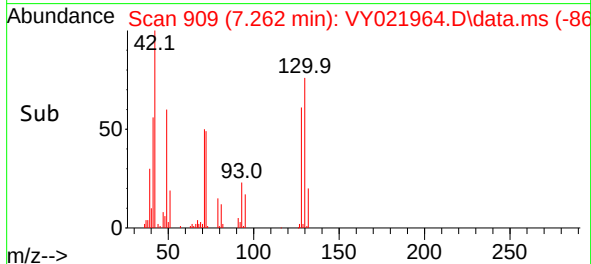
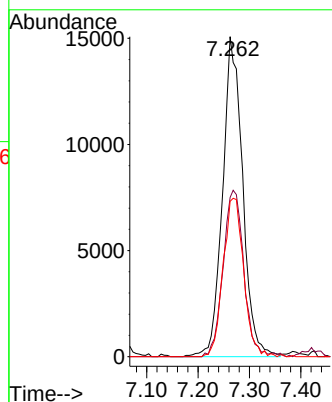
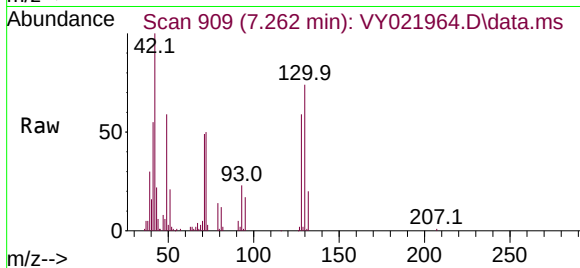




#29
Tetrahydrofuran
Concen: 101.473 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

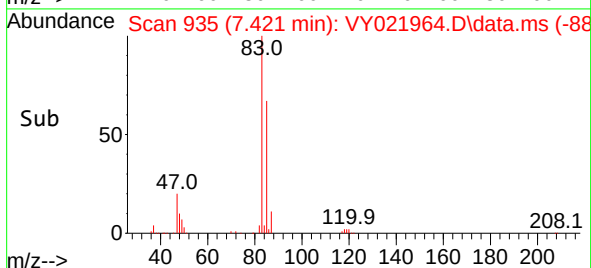
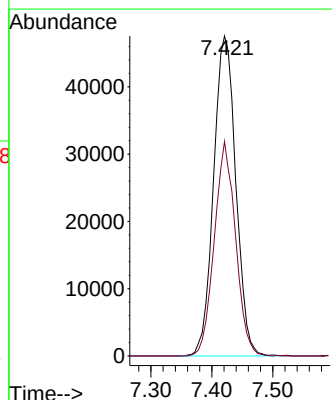
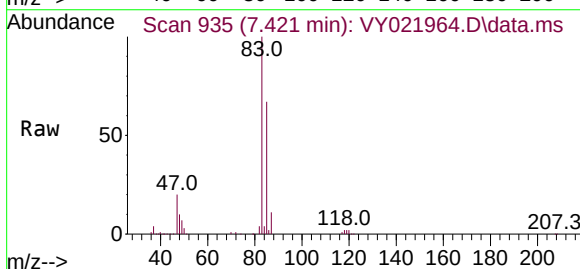
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

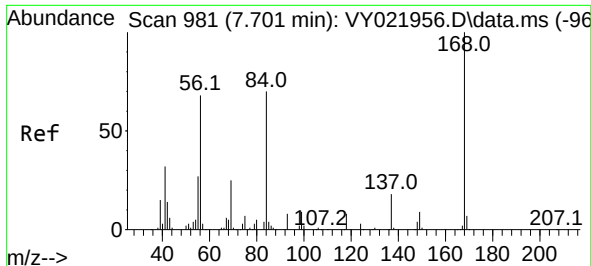
Tgt Ion:	42	Resp:	40959
Ion	Ratio	Lower	Upper
42	100		
72	53.2	42.6	63.8
71	50.8	40.6	61.0



#30
Chloroform
Concen: 20.649 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion:	83	Resp:	120714
Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.3	76.9

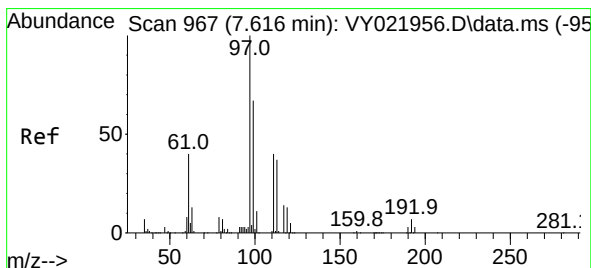
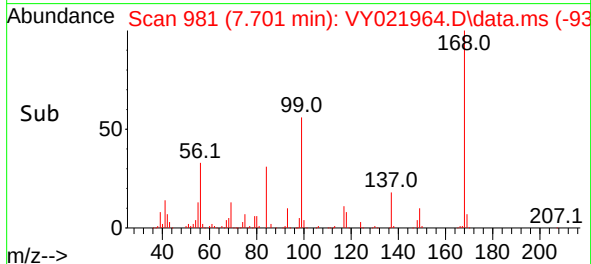
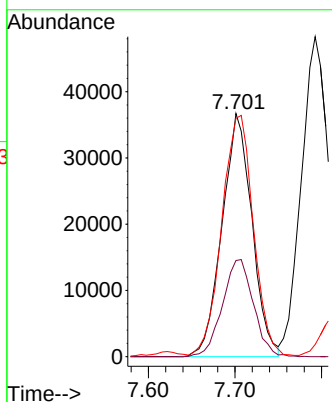
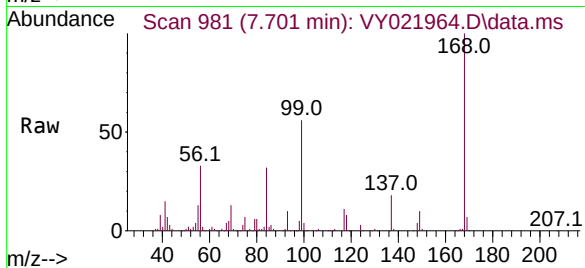




#31
Cyclohexane
Concen: 19.538 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

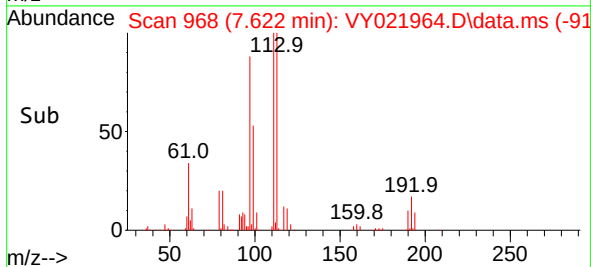
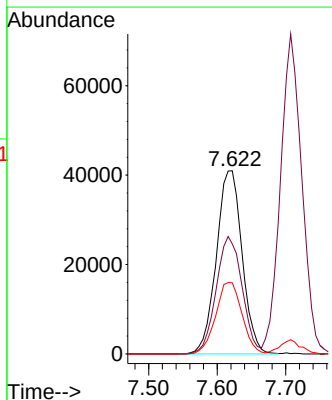
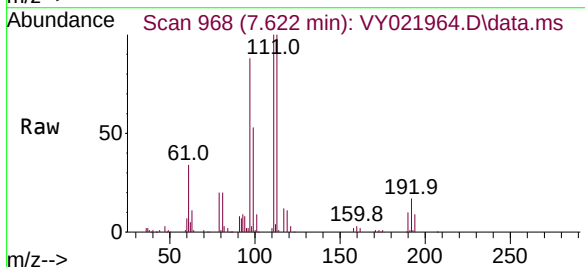
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

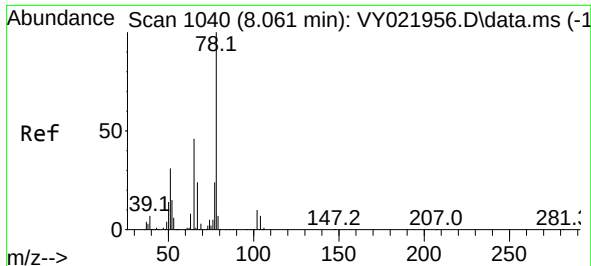
Tgt Ion: 56 Resp: 88058
Ion Ratio Lower Upper
56 100
69 39.5 29.4 44.2
84 96.8 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 20.220 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 97 Resp: 106943
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 39.9 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 51.409 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

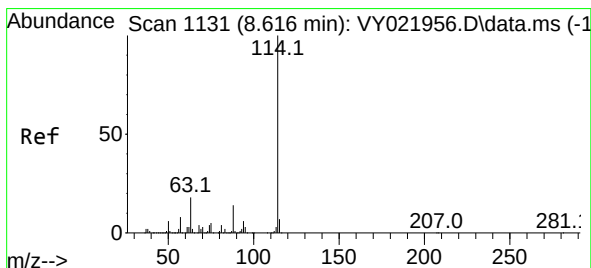
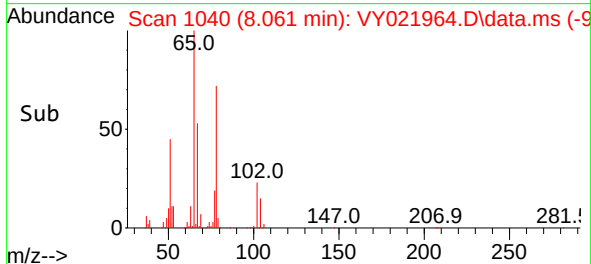
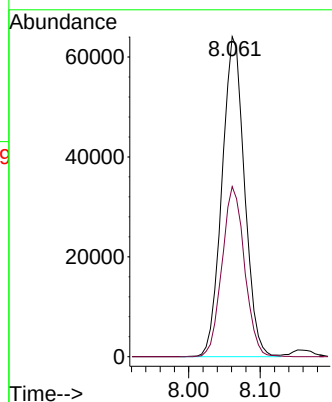
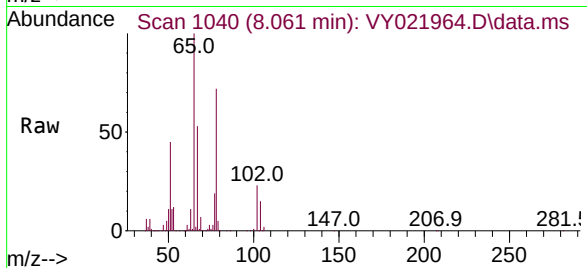
VY0423SBS01

Tgt Ion: 65 Resp: 140165

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

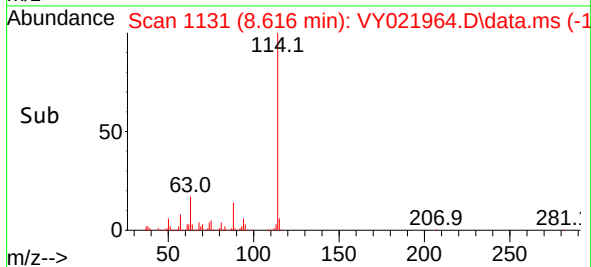
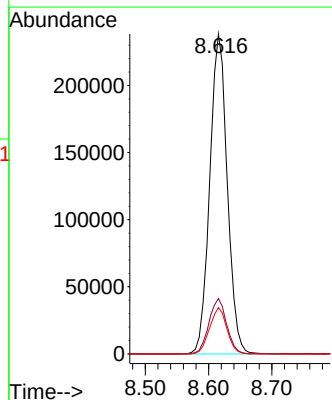
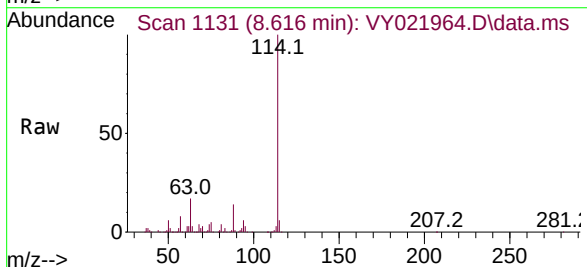
Tgt Ion: 114 Resp: 458305

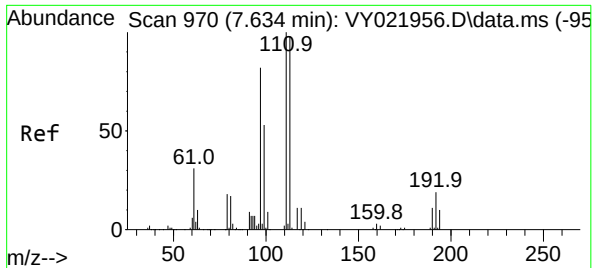
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.4

88 14.5 0.0 28.2

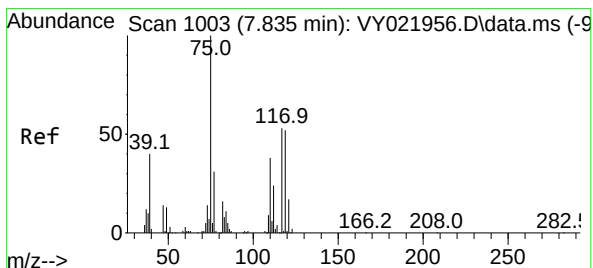
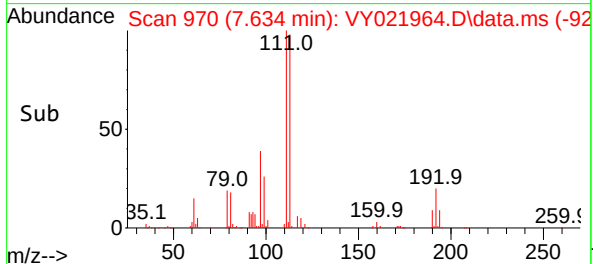
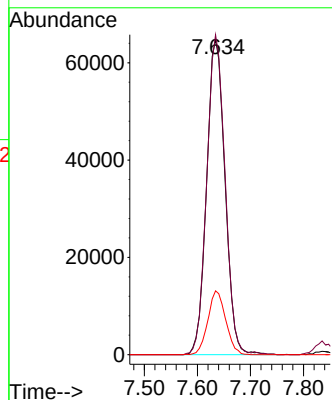
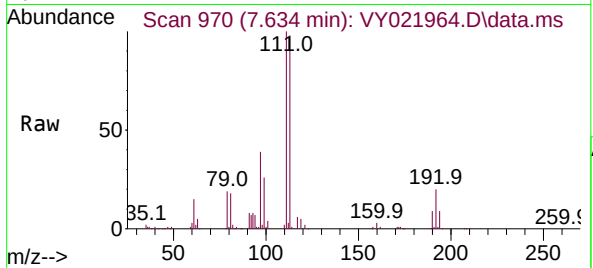




#35
Dibromofluoromethane
Concen: 51.553 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

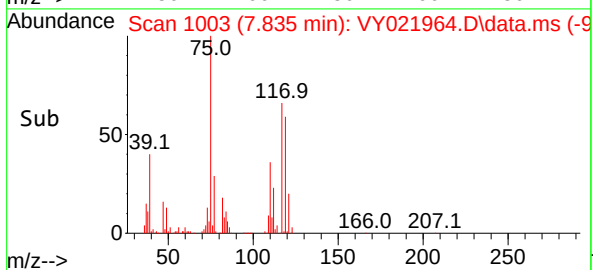
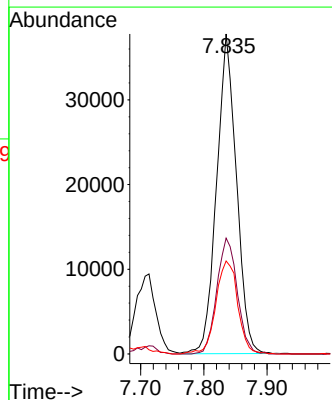
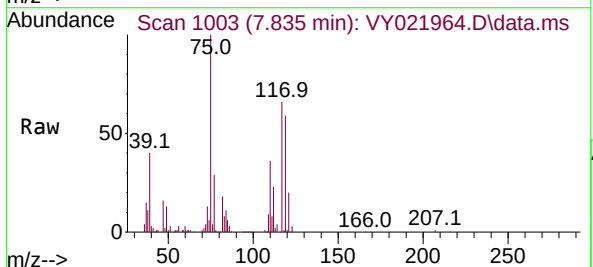
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

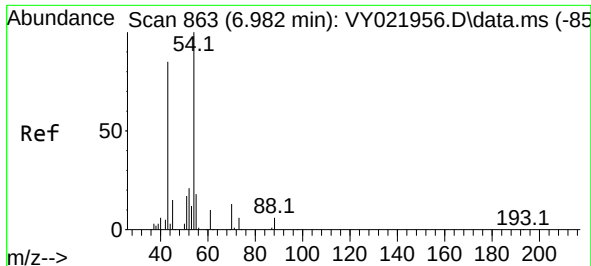
Tgt Ion:113 Resp: 156093
Ion Ratio Lower Upper
113 100
111 100.6 81.8 122.8
192 19.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 20.132 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 75 Resp: 81879
Ion Ratio Lower Upper
75 100
110 37.4 19.1 57.3
77 32.2 25.5 38.3

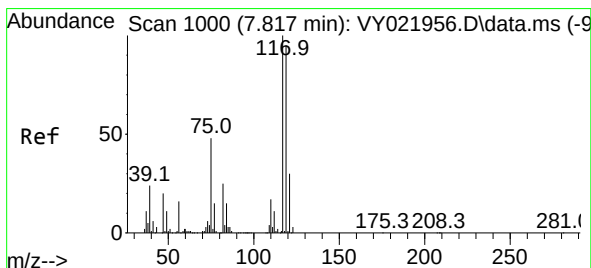
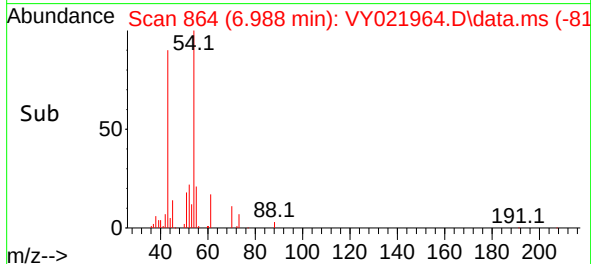
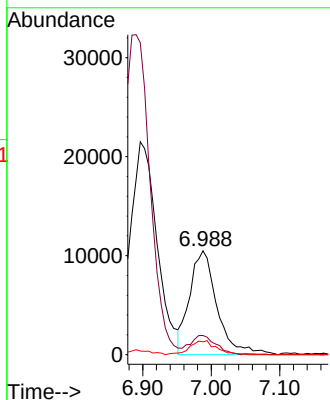
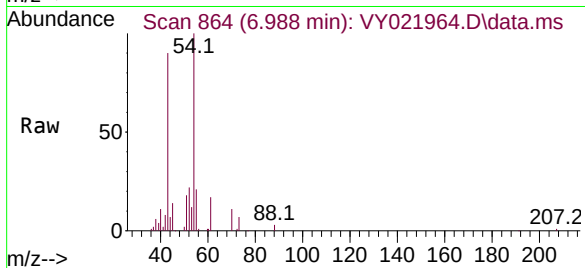




#37
Ethyl Acetate
Concen: 20.071 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

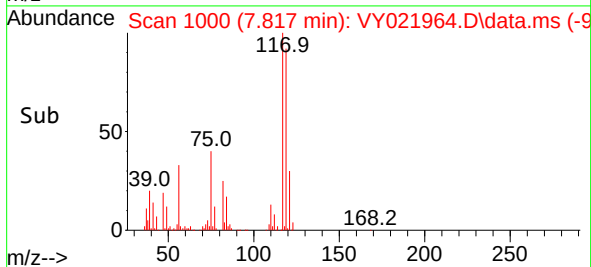
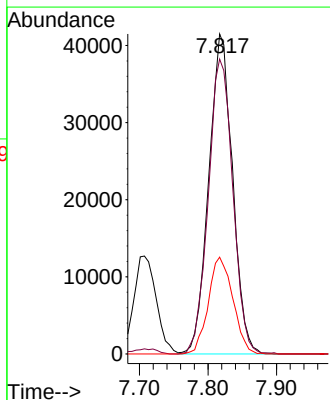
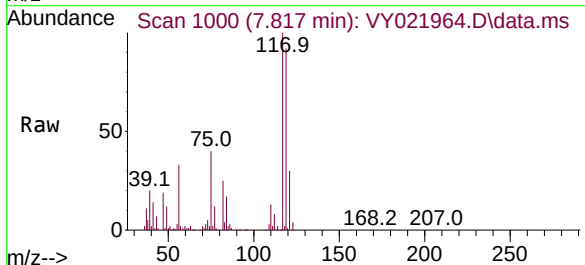
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

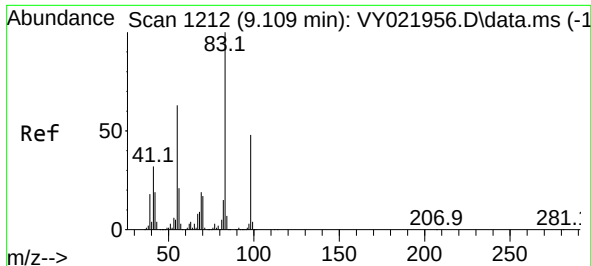
Tgt Ion:	43	Resp:	29318
Ion	Ratio	Lower	Upper
43	100		
61	16.9	13.8	20.6
70	12.9	9.2	13.8



#38
Carbon Tetrachloride
Concen: 20.605 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion:	117	Resp:	100138
Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.2	114.4
121	30.2	24.0	36.0





#39

Methylcyclohexane

Concen: 19.212 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01

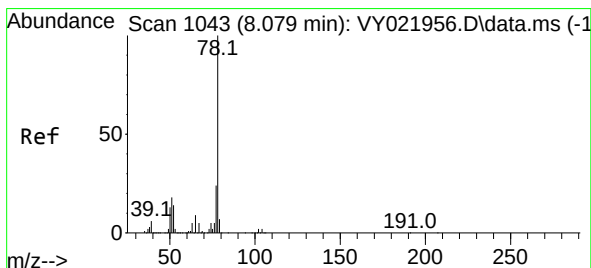
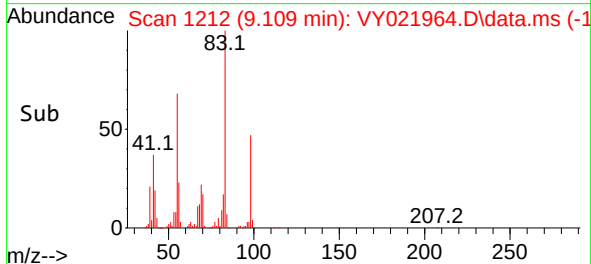
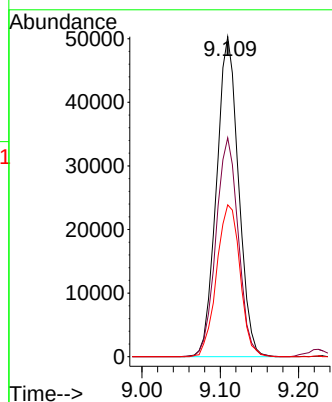
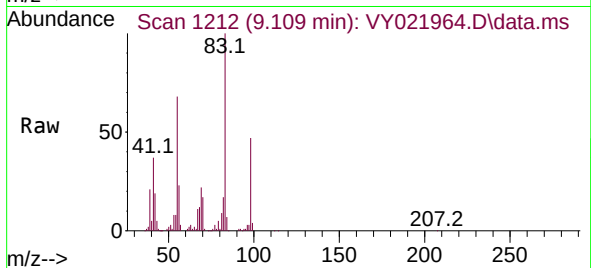
Tgt Ion: 83 Resp: 98332

Ion Ratio Lower Upper

83 100

55 68.4 50.6 75.8

98 47.5 38.6 58.0



#40

Benzene

Concen: 20.728 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY021964.D

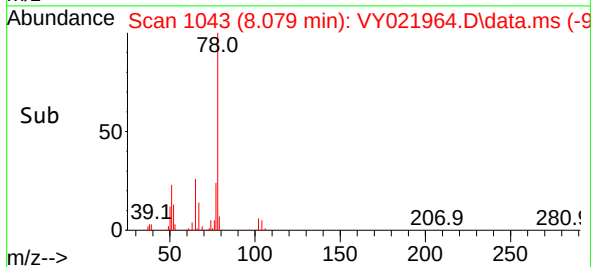
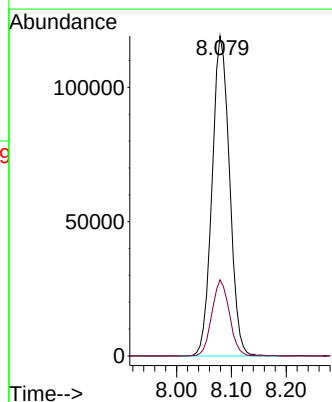
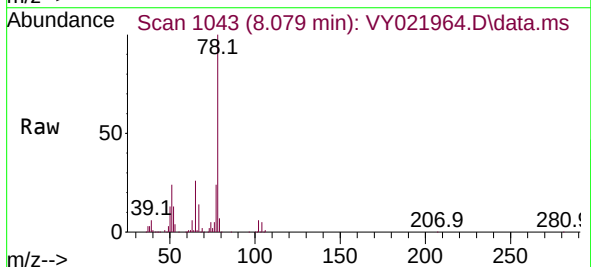
Acq: 23 Apr 2025 11:07

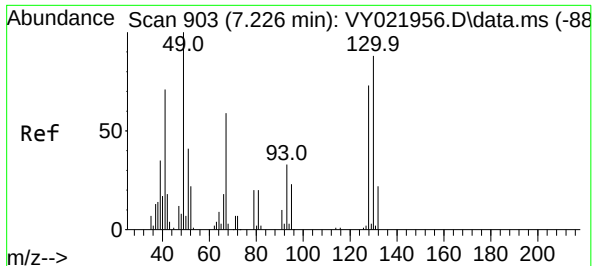
Tgt Ion: 78 Resp: 263532

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9

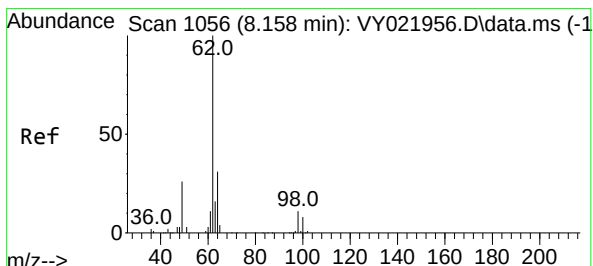
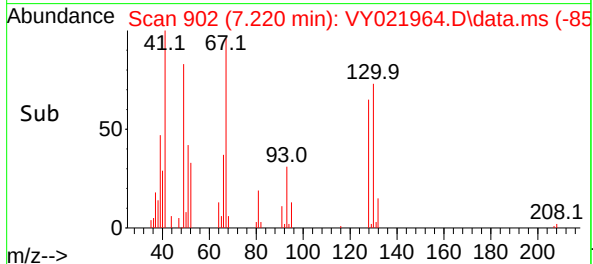
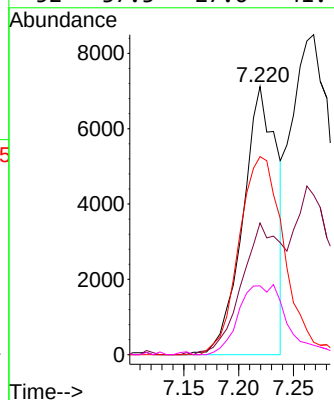
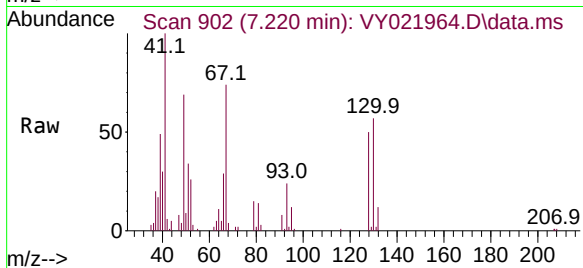




#41
Methacrylonitrile
Concen: 19.245 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

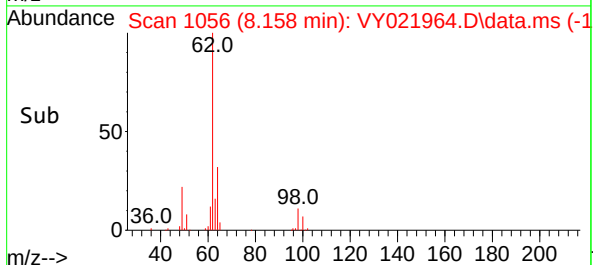
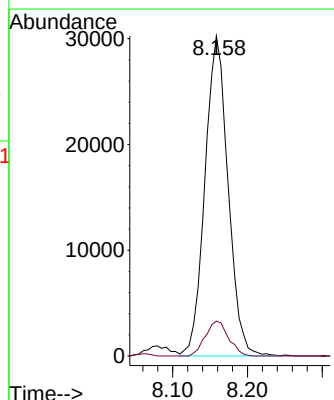
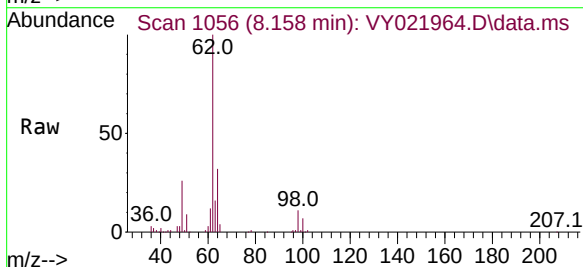
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

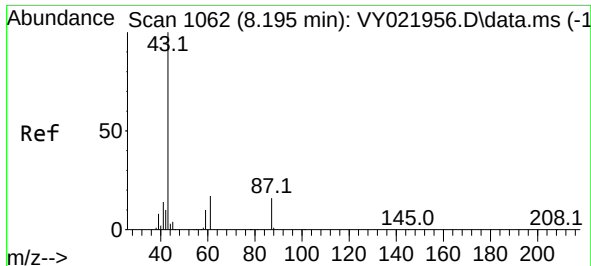
Tgt Ion: 41 Resp: 15367
Ion Ratio Lower Upper
41 100
39 60.0 36.6 55.0#
67 97.8 72.2 108.4
52 37.3 27.6 41.4



#42
1,2-Dichloroethane
Concen: 20.702 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 62 Resp: 65165
Ion Ratio Lower Upper
62 100
98 10.9 0.0 22.0

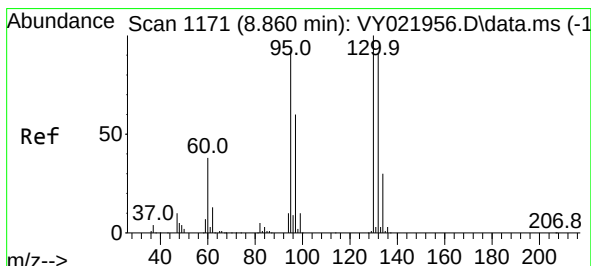
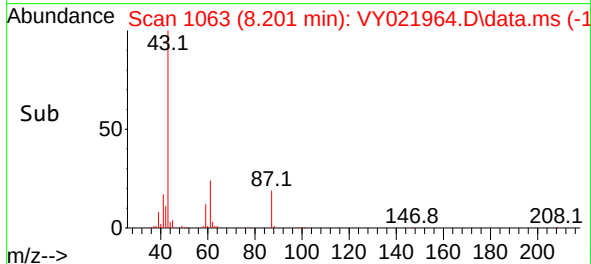
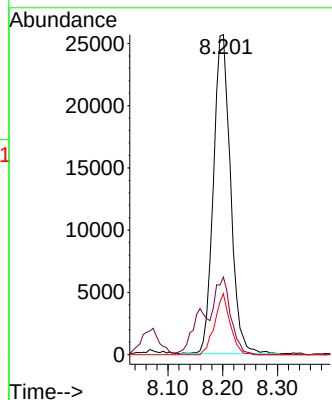
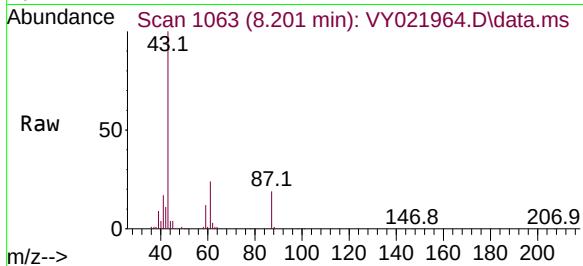




#43
Isopropyl Acetate
Concen: 19.741 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

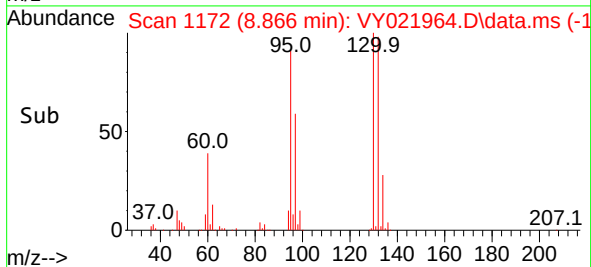
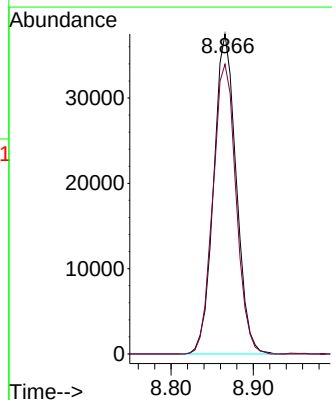
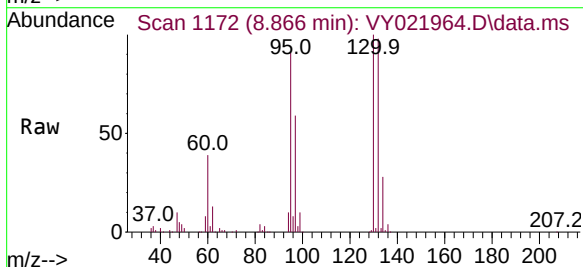
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

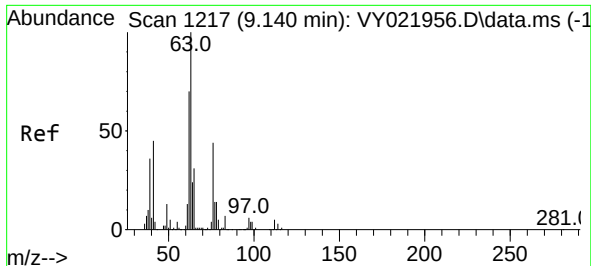
Tgt Ion: 43 Resp: 55377
Ion Ratio Lower Upper
43 100
61 23.0 18.9 28.3
87 17.2 13.7 20.5



#44
Trichloroethene
Concen: 20.225 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion:130 Resp: 71222
Ion Ratio Lower Upper
130 100
95 90.6 0.0 183.2





#45

1,2-Dichloropropane

Concen: 20.517 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

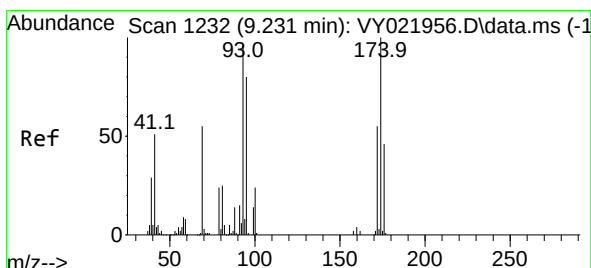
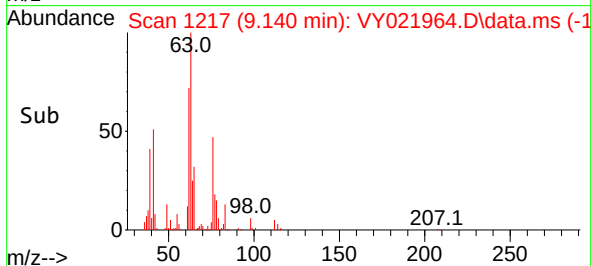
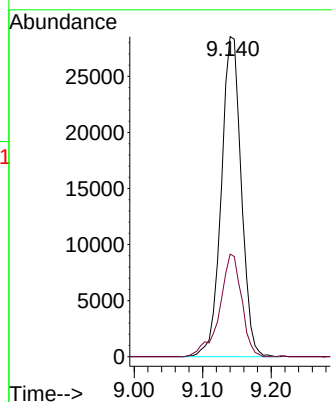
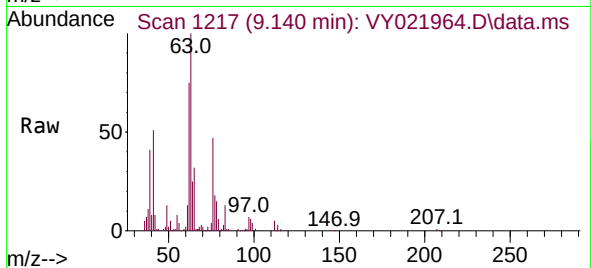
VY0423SBS01

Tgt Ion: 63 Resp: 57685

Ion Ratio Lower Upper

63 100

65 32.1 25.2 37.8



#46

Dibromomethane

Concen: 20.478 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

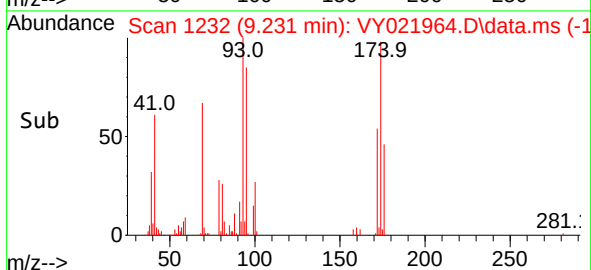
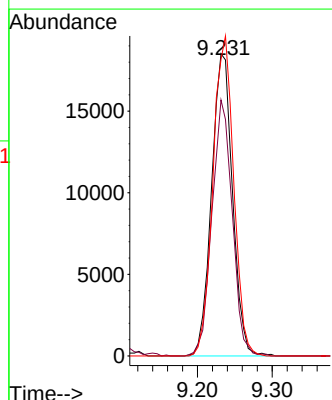
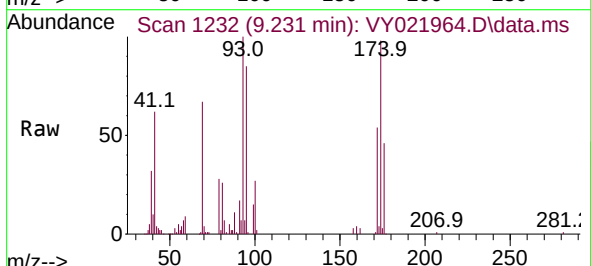
Tgt Ion: 93 Resp: 36042

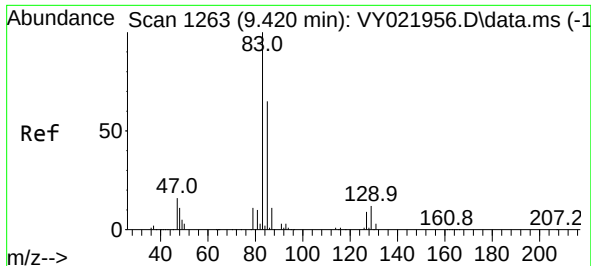
Ion Ratio Lower Upper

93 100

95 82.1 66.7 100.1

174 104.9 84.6 127.0

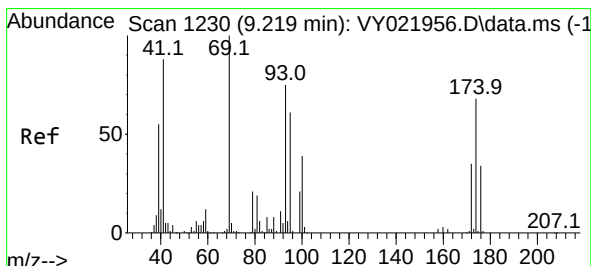
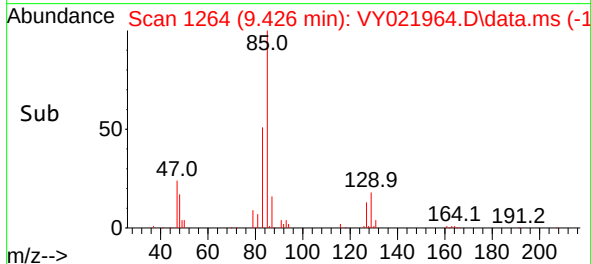
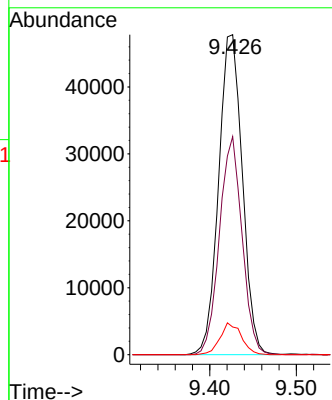
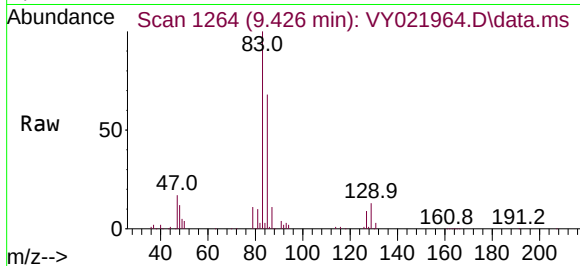




#47
Bromodichloromethane
Concen: 20.687 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

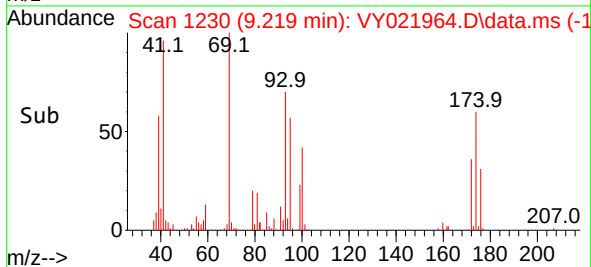
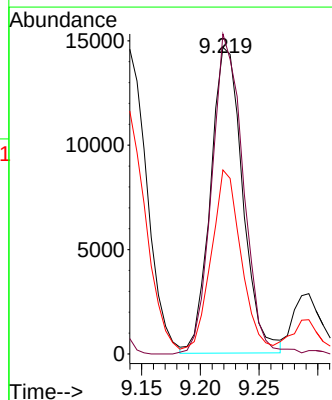
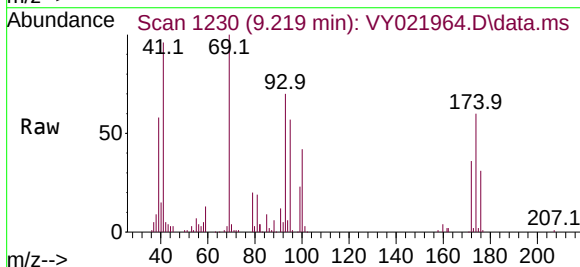
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

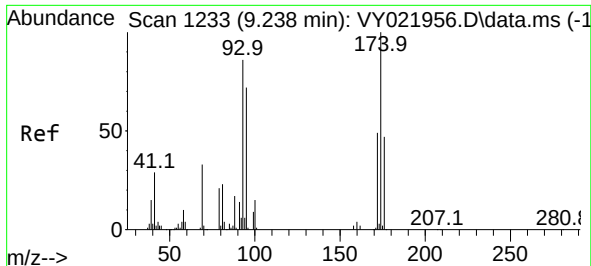
Tgt Ion: 83 Resp: 90955
Ion Ratio Lower Upper
83 100
85 68.1 51.8 77.8
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 21.565 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 41 Resp: 27965
Ion Ratio Lower Upper
41 100
69 101.7 85.5 128.3
39 53.6 46.2 69.4





#49

1,4-Dioxane

Concen: 400.714 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01

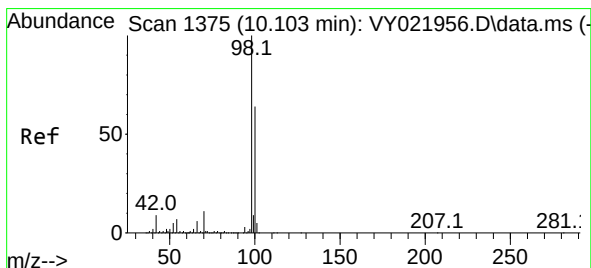
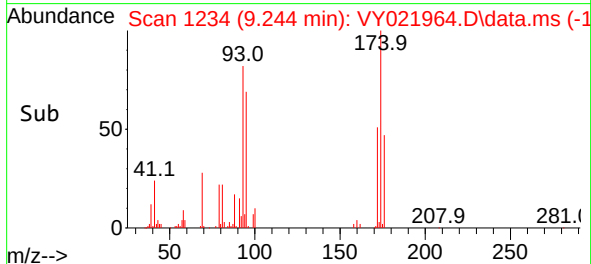
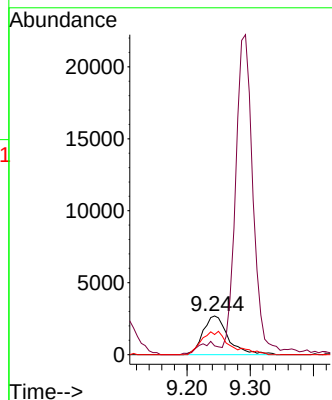
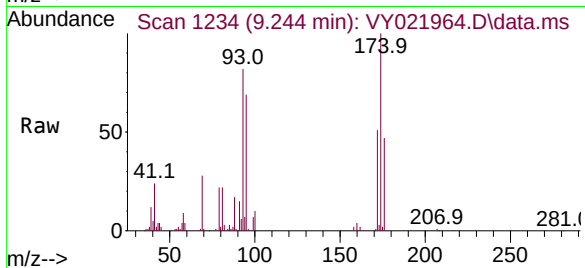
Tgt Ion: 88 Resp: 7517

Ion Ratio Lower Upper

88 100

43 26.1 21.3 31.9

58 59.3 50.5 75.7



#50

Toluene-d8

Concen: 51.951 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY021964.D

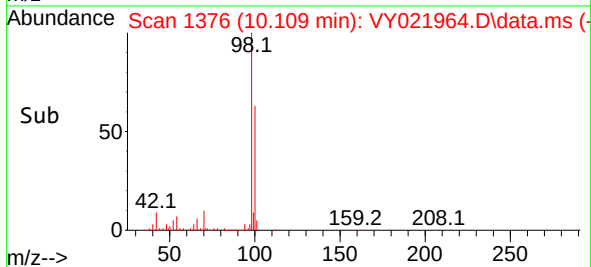
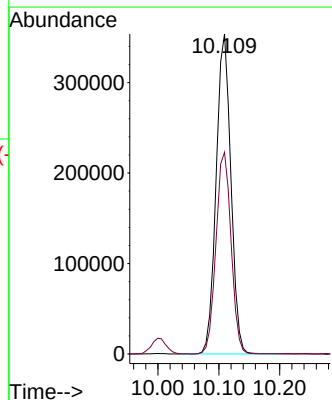
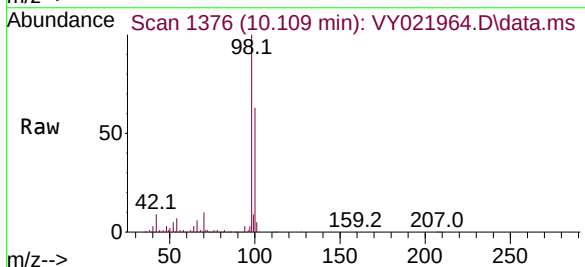
Acq: 23 Apr 2025 11:07

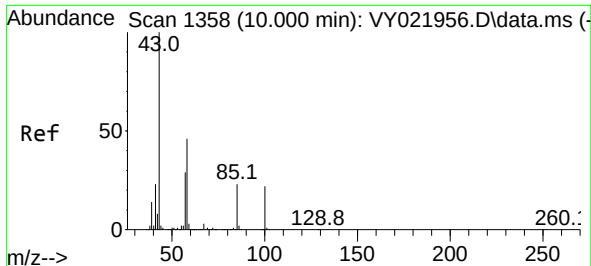
Tgt Ion: 98 Resp: 593014

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4

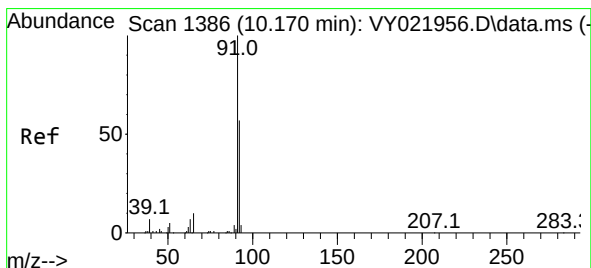
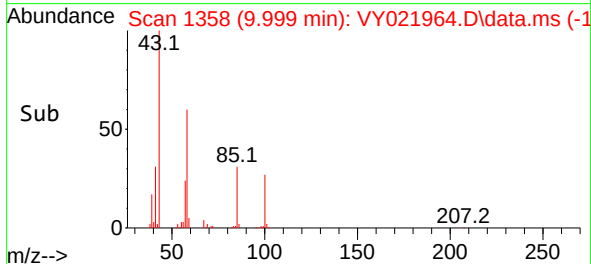
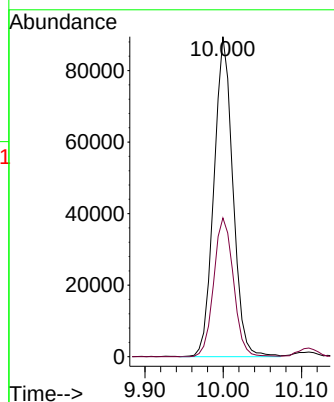
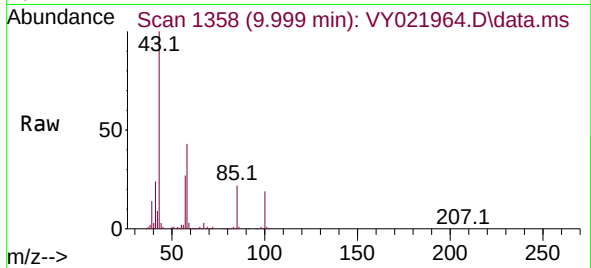




#51
4-Methyl-2-Pentanone
Concen: 102.554 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

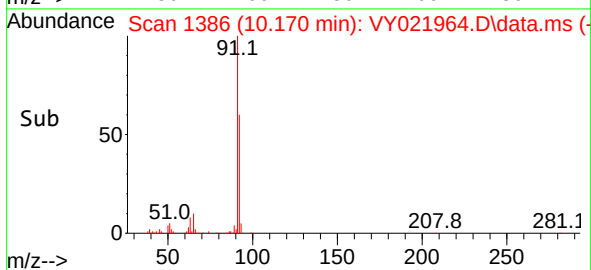
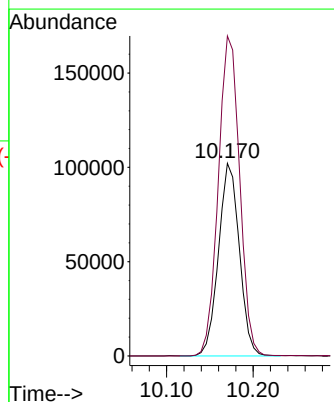
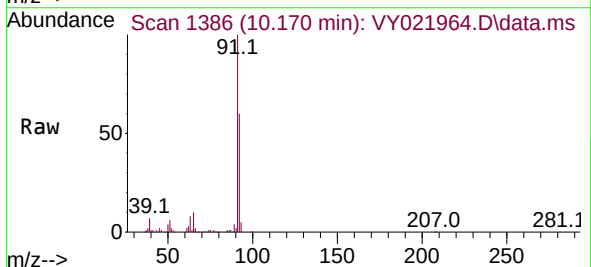
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

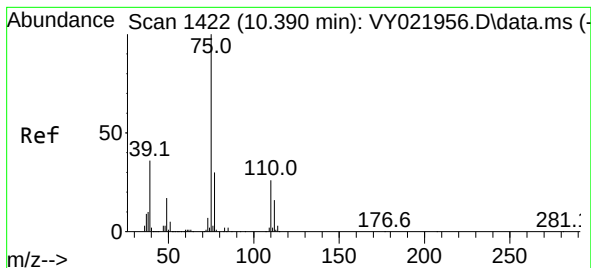
Tgt Ion: 43 Resp: 150808
Ion Ratio Lower Upper
43 100
58 45.0 36.6 55.0



#52
Toluene
Concen: 20.774 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 92 Resp: 170967
Ion Ratio Lower Upper
92 100
91 170.3 138.6 207.8

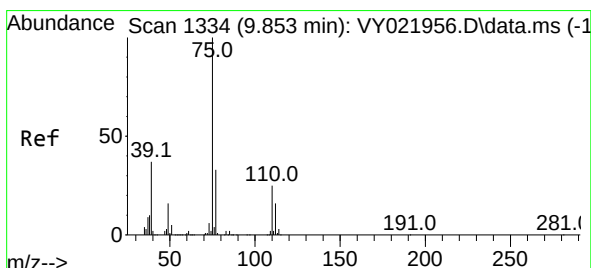
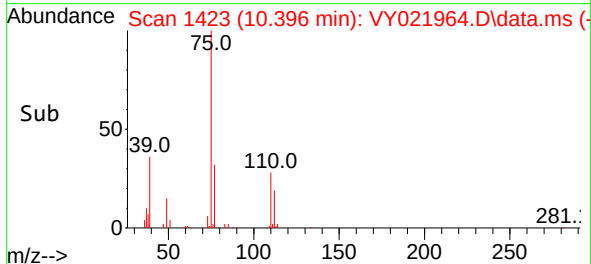
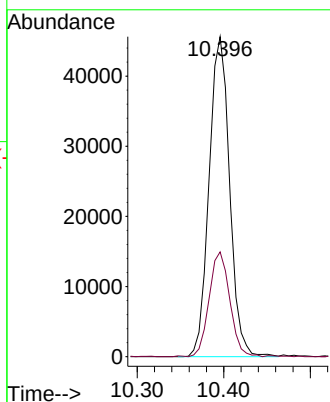
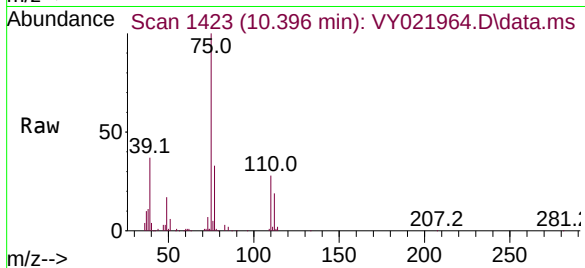




#53
 t-1,3-Dichloropropene
 Concen: 19.904 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY021964.D
 Acq: 23 Apr 2025 11:07

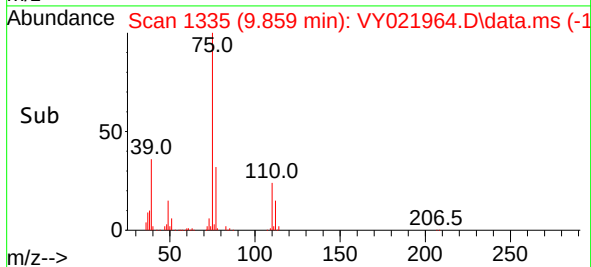
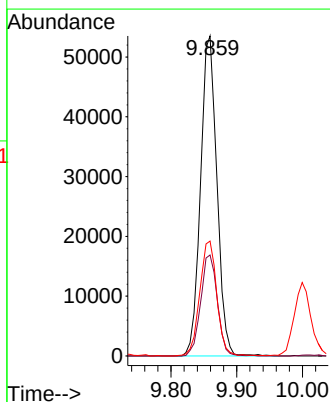
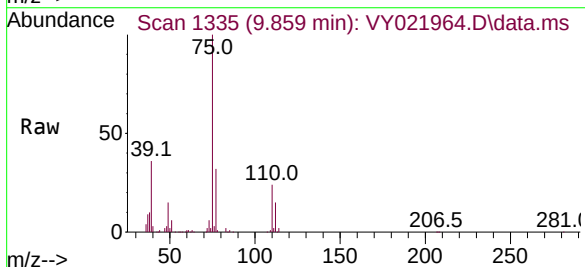
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBS01

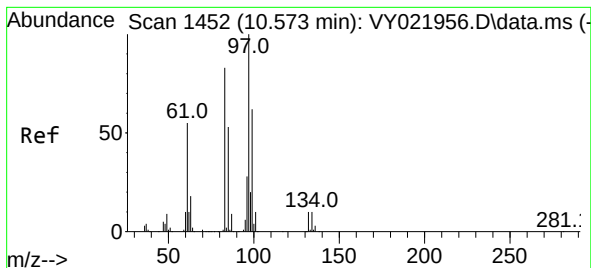
Tgt Ion: 75 Resp: 75065
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.670 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY021964.D
 Acq: 23 Apr 2025 11:07

Tgt Ion: 75 Resp: 92666
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.6 40.0
 39 35.7 29.6 44.4

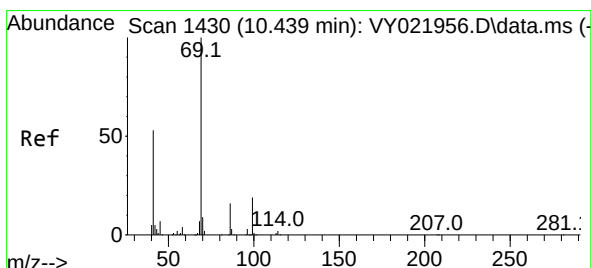
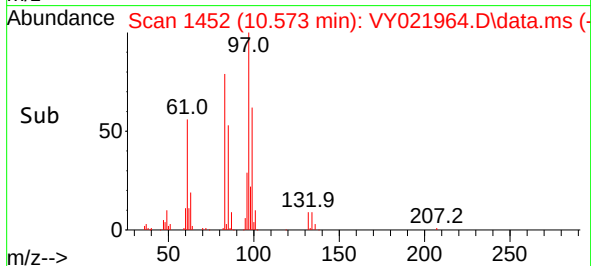
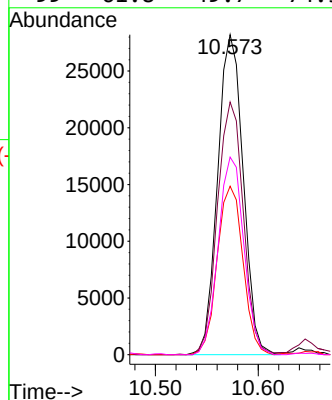
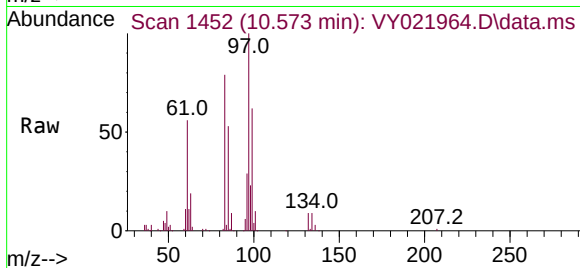




#55
1,1,2-Trichloroethane
Concen: 20.670 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

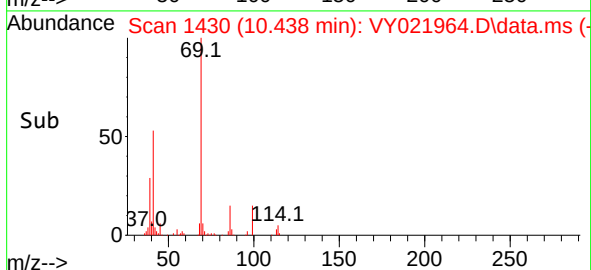
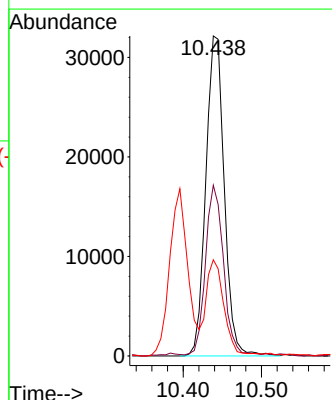
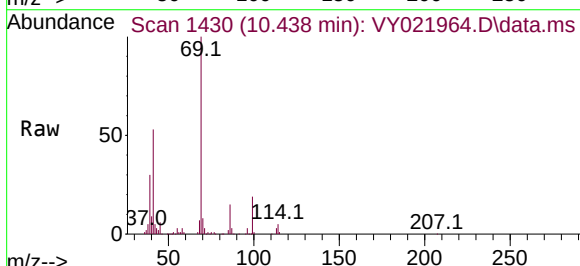
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

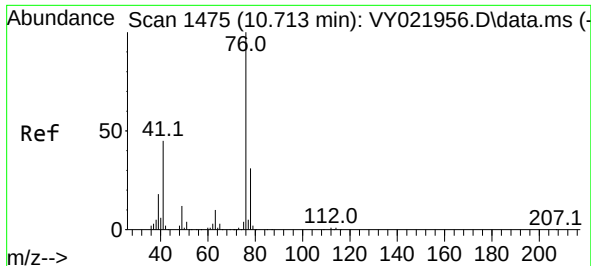
Tgt Ion:	97	Resp:	48596
Ion	Ratio	Lower	Upper
97	100		
83	78.7	66.7	100.1
85	52.6	42.6	64.0
99	61.8	49.7	74.5



#56
Ethyl methacrylate
Concen: 19.566 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion:	69	Resp:	52604
Ion	Ratio	Lower	Upper
69	100		
41	51.4	40.7	61.1
39	28.9	23.3	34.9





#57

1,3-Dichloropropane

Concen: 20.343 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

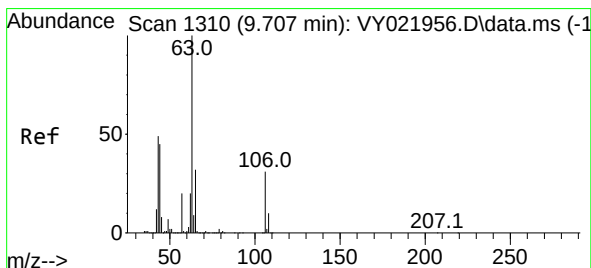
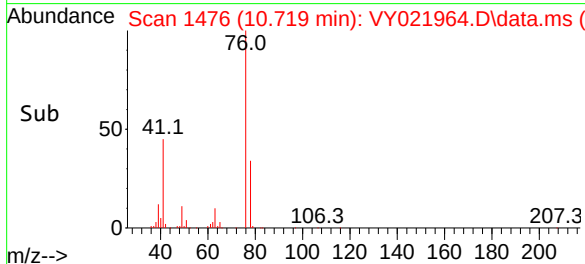
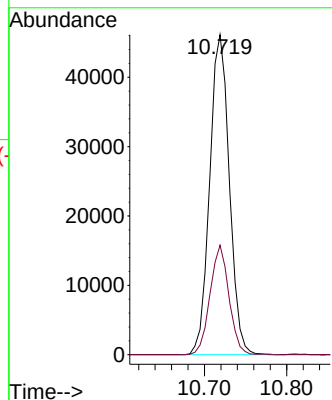
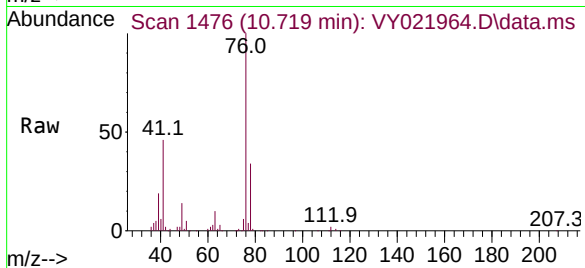
VY0423SBS01

Tgt Ion: 76 Resp: 76673

Ion Ratio Lower Upper

76 100

78 32.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.970 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY021964.D

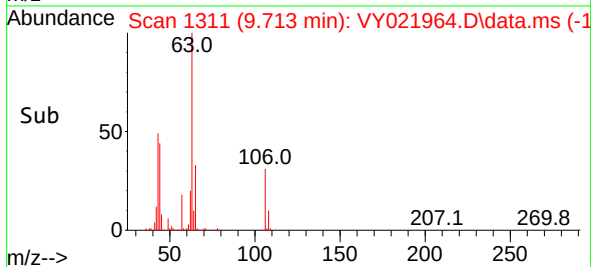
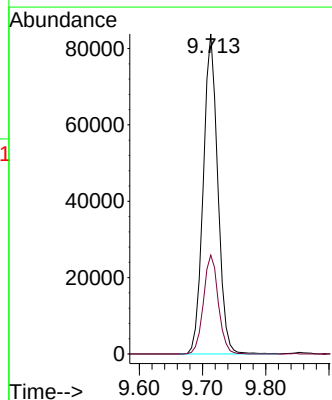
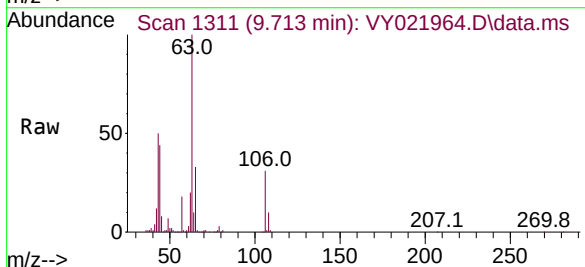
Acq: 23 Apr 2025 11:07

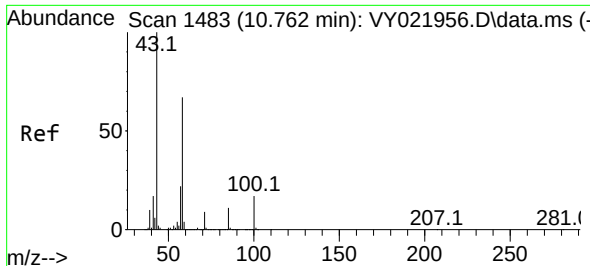
Tgt Ion: 63 Resp: 134039

Ion Ratio Lower Upper

63 100

106 31.5 25.3 37.9

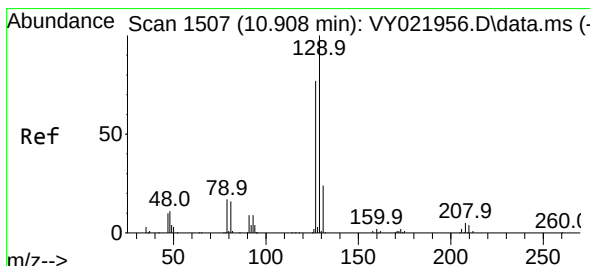
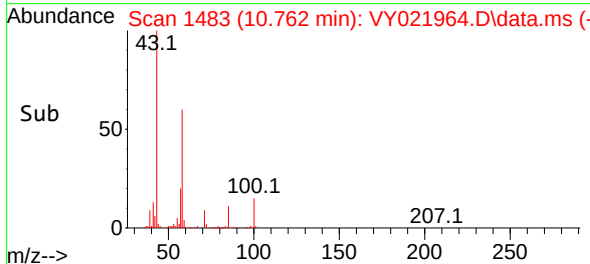
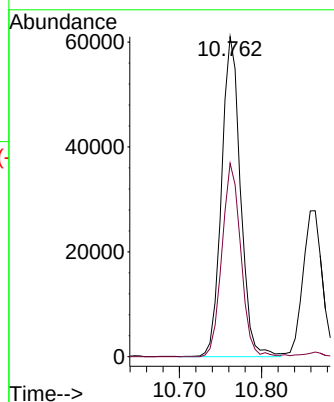
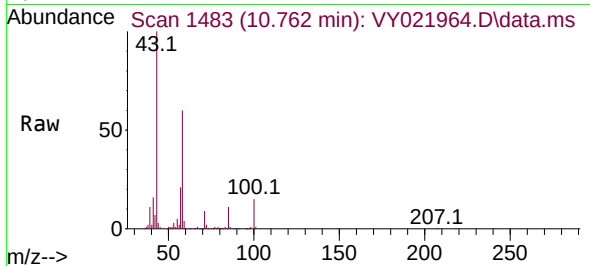




#59
2-Hexanone
Concen: 100.725 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

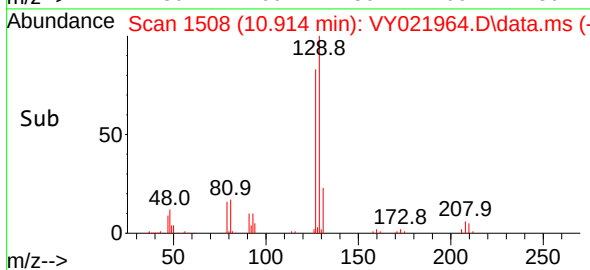
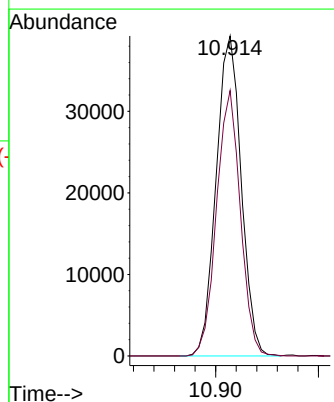
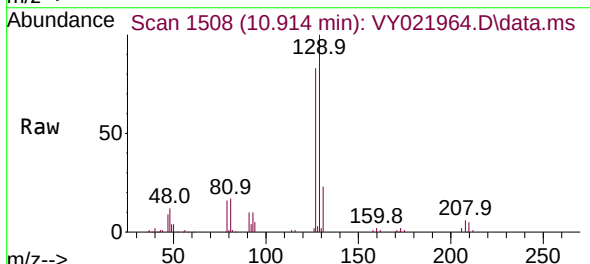
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

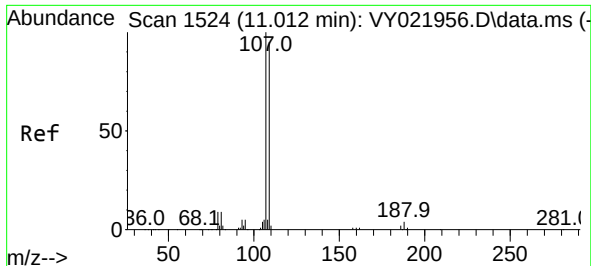
Tgt Ion: 43 Resp: 97696
Ion Ratio Lower Upper
43 100
58 60.1 32.0 96.0



#60
Dibromochloromethane
Concen: 20.393 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 129 Resp: 66379
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.3

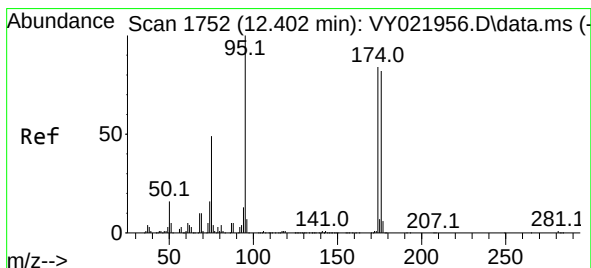
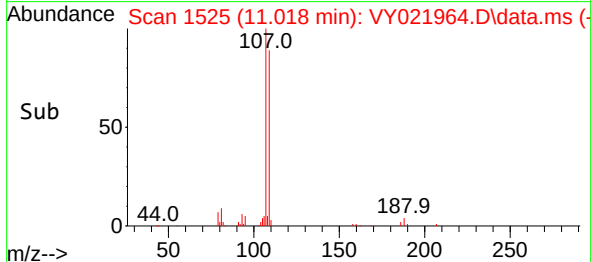
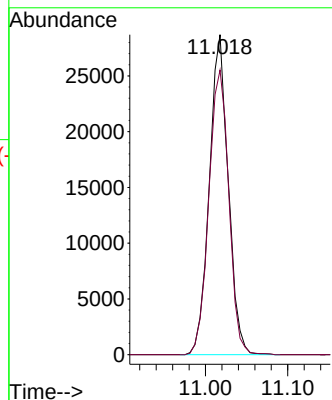
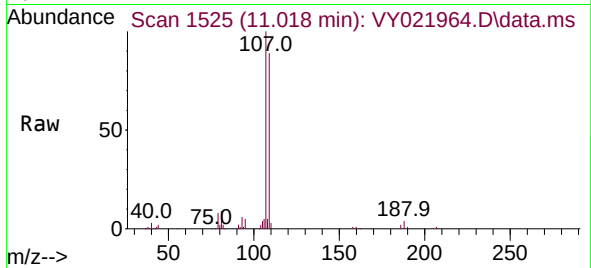




#61
1,2-Dibromoethane
Concen: 20.642 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

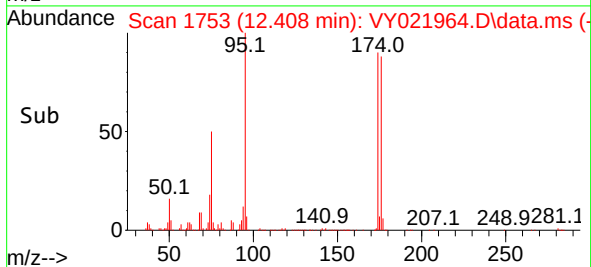
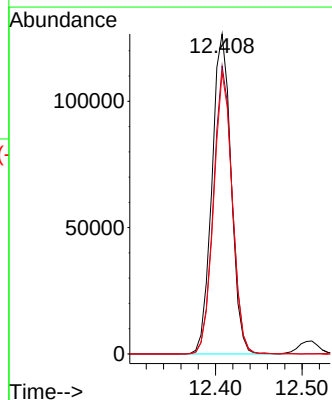
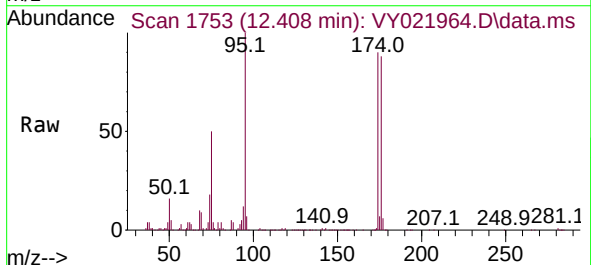
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

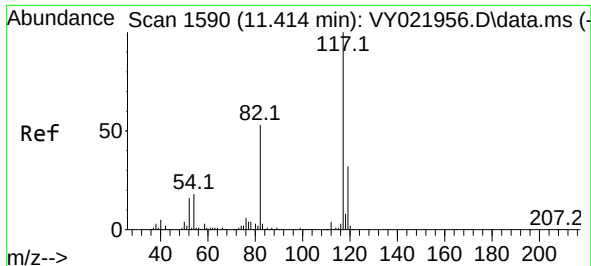
Tgt Ion:107 Resp: 45815
Ion Ratio Lower Upper
107 100
109 94.0 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 50.645 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 95 Resp: 194614
Ion Ratio Lower Upper
95 100
174 87.9 0.0 179.0
176 85.4 0.0 171.8

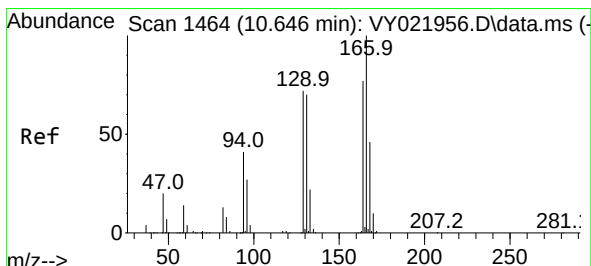
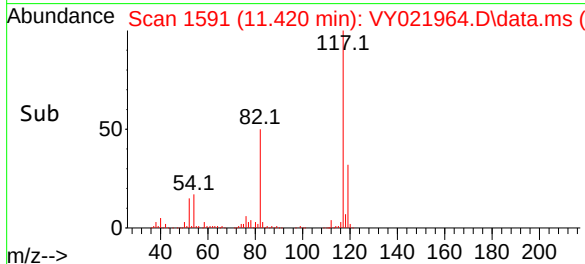
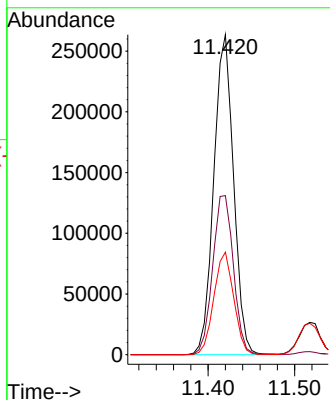
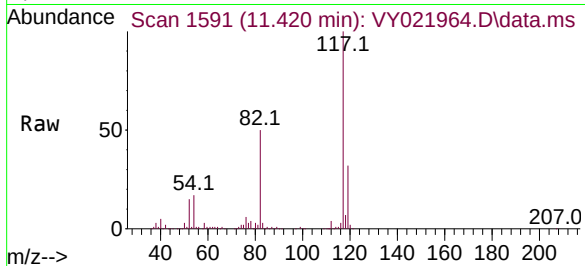




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

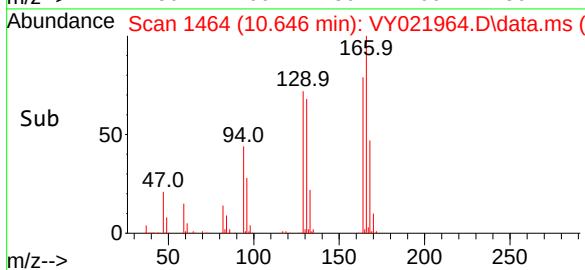
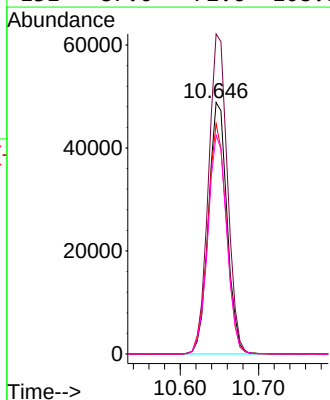
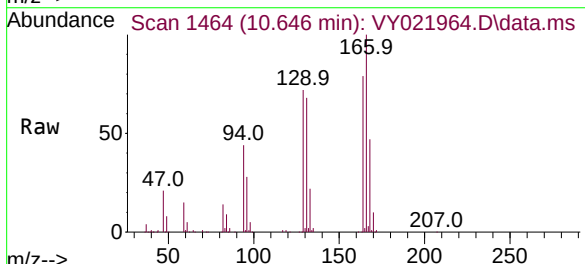
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

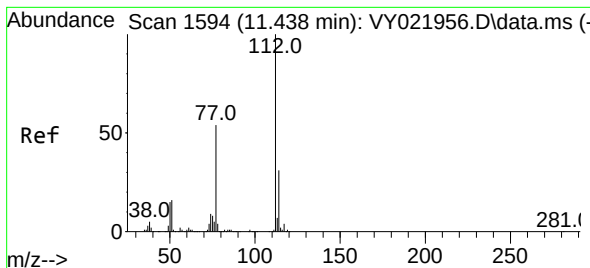
Tgt Ion:117 Resp: 417679
Ion Ratio Lower Upper
117 100
82 49.7 42.1 63.1
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 20.429 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion:164 Resp: 80494
Ion Ratio Lower Upper
164 100
166 127.3 103.6 155.4
129 91.5 74.2 111.4
131 87.0 72.6 108.8





#65

Chlorobenzene

Concen: 20.170 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

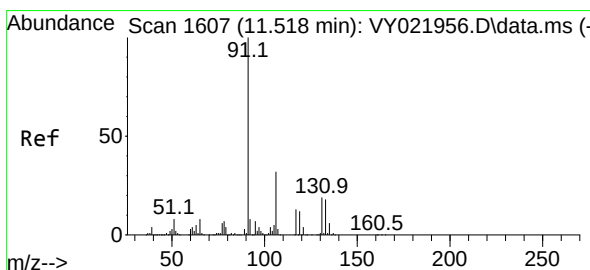
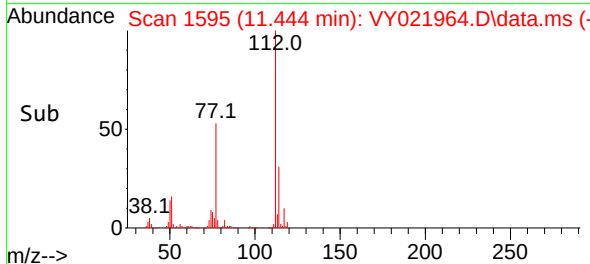
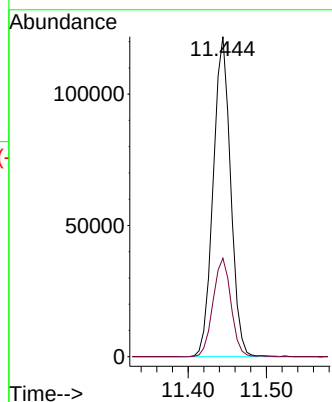
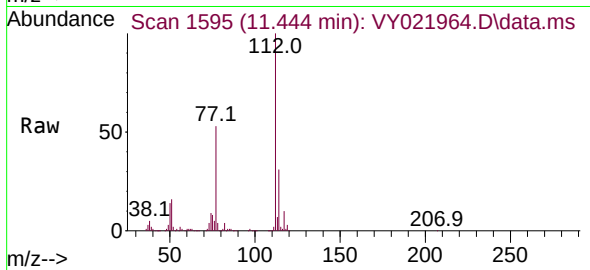
VY0423SBS01

Tgt Ion:112 Resp: 188396

Ion Ratio Lower Upper

112 100

114 30.7 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.693 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

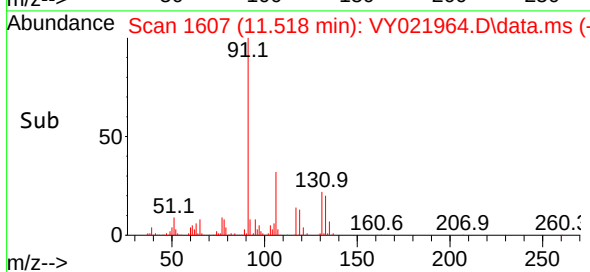
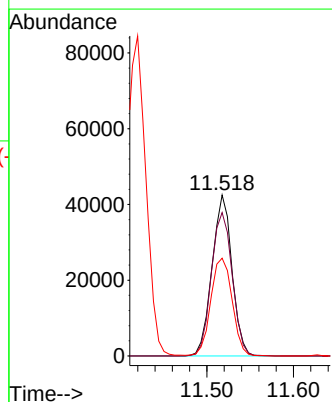
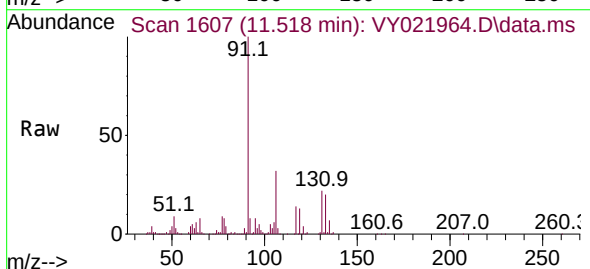
Tgt Ion:131 Resp: 68045

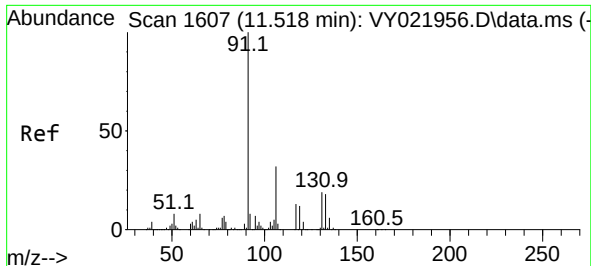
Ion Ratio Lower Upper

131 100

133 93.3 47.8 143.3

119 65.1 32.4 97.0





#67

Ethyl Benzene

Concen: 19.810 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

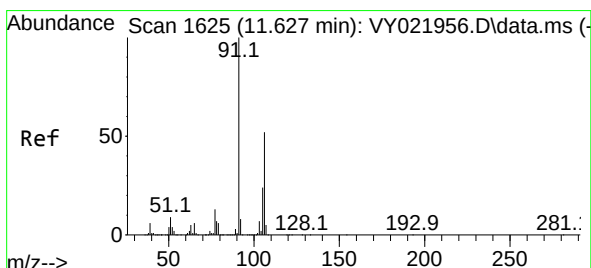
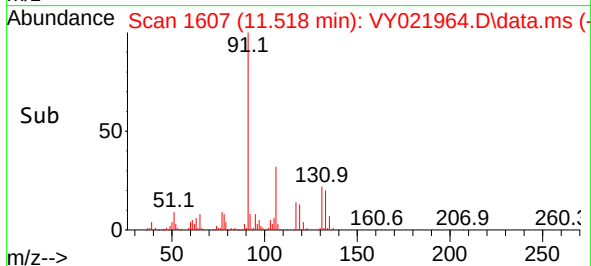
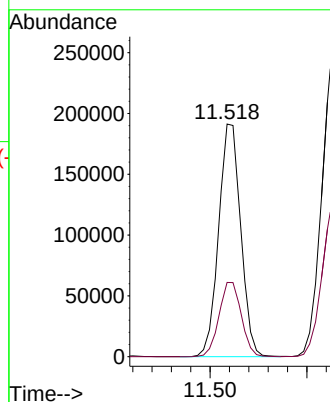
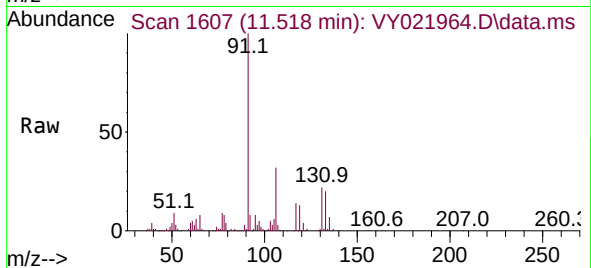
VY0423SBS01

Tgt Ion: 91 Resp: 302678

Ion Ratio Lower Upper

91 100

106 31.9 25.9 38.9



#68

m/p-Xylenes

Concen: 40.346 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY021964.D

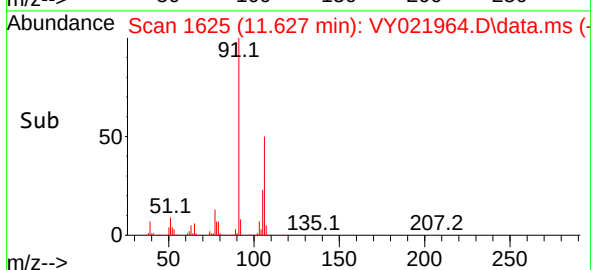
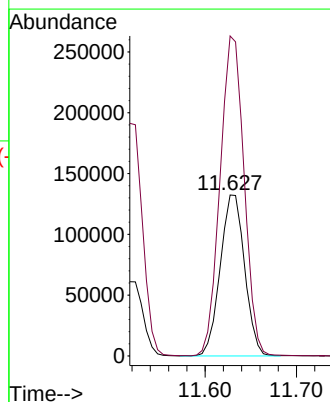
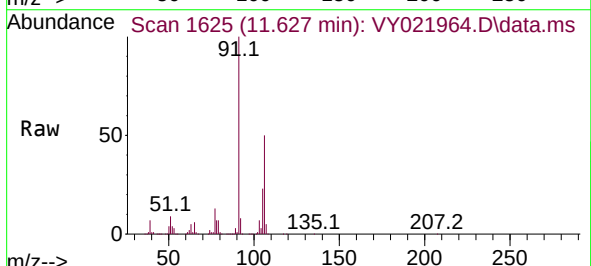
Acq: 23 Apr 2025 11:07

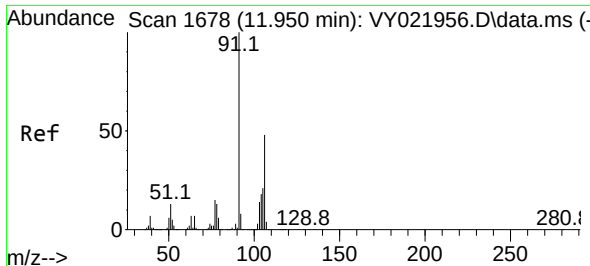
Tgt Ion:106 Resp: 245304

Ion Ratio Lower Upper

106 100

91 196.5 156.2 234.2

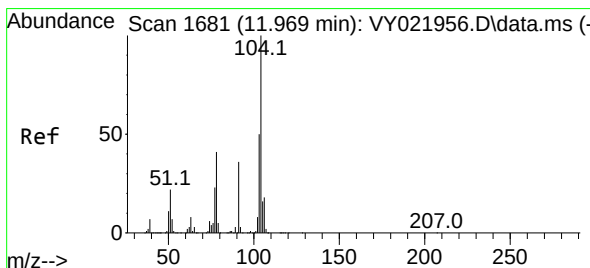
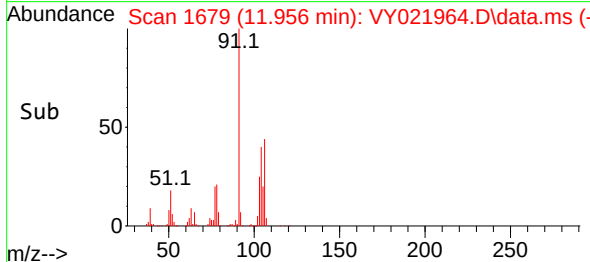
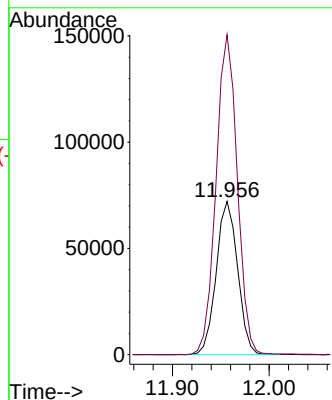
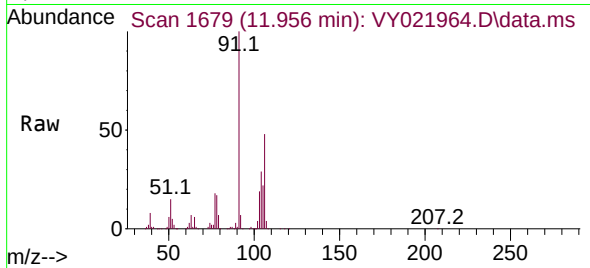




#69
o-Xylene
Concen: 19.772 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

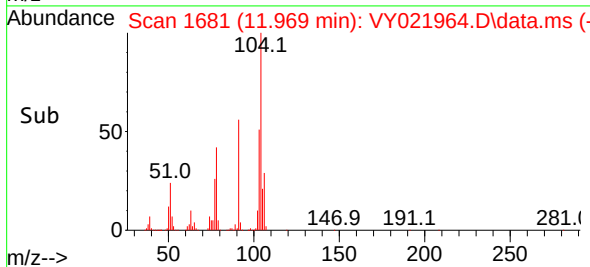
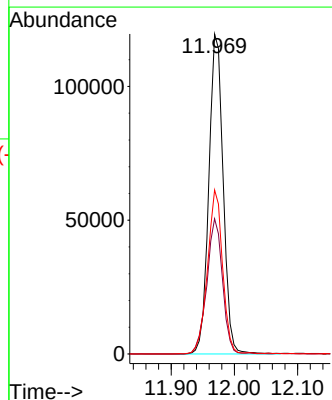
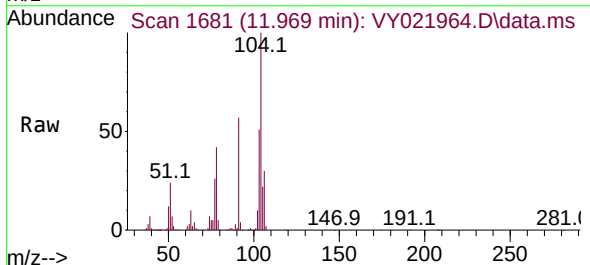
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

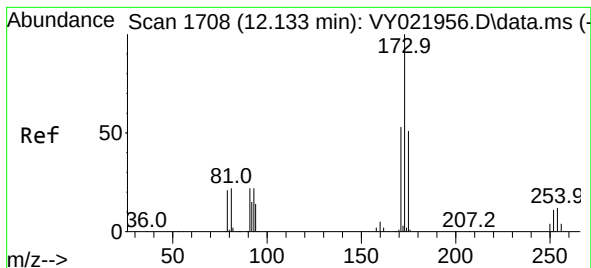
Tgt Ion:106 Resp: 110797
Ion Ratio Lower Upper
106 100
91 207.8 103.0 308.9



#70
Styrene
Concen: 20.082 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion:104 Resp: 188948
Ion Ratio Lower Upper
104 100
78 46.3 36.6 54.8
103 54.2 43.8 65.8





#71

Bromoform

Concen: 20.208 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01

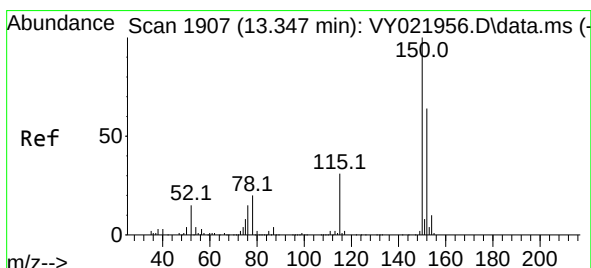
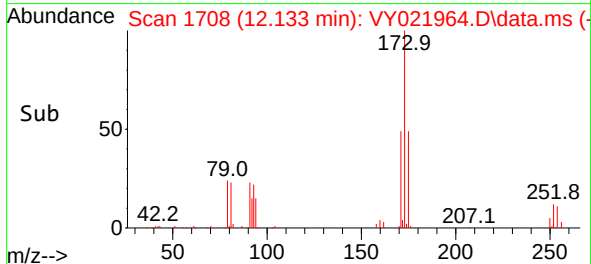
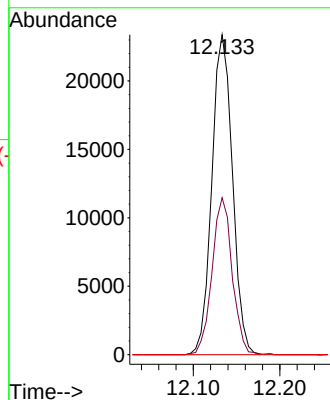
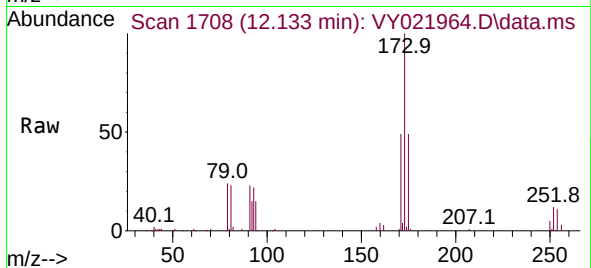
Tgt Ion:173 Resp: 38634

Ion Ratio Lower Upper

173 100

175 47.9 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

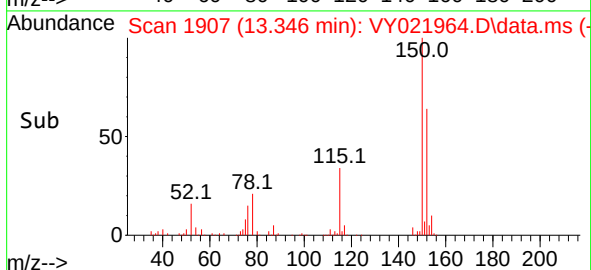
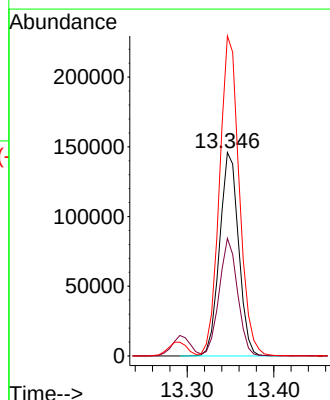
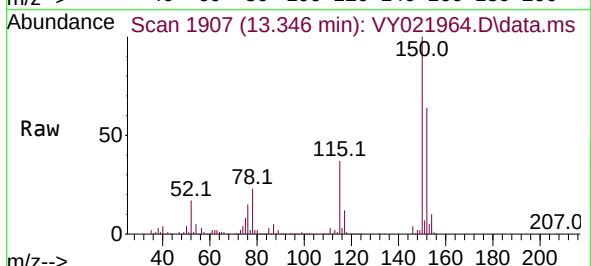
Tgt Ion:152 Resp: 221603

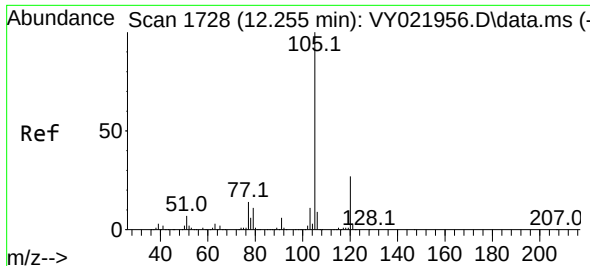
Ion Ratio Lower Upper

152 100

115 56.1 28.0 84.0

150 164.3 0.0 345.6

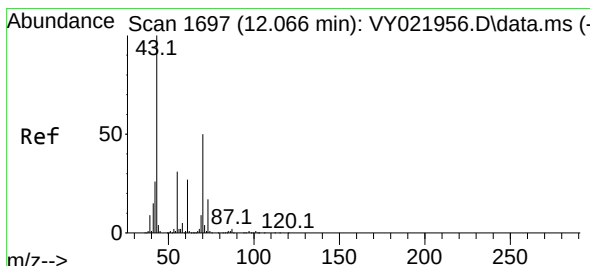
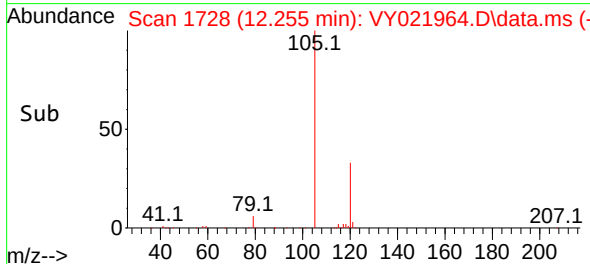
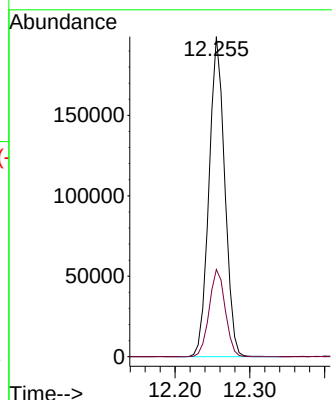
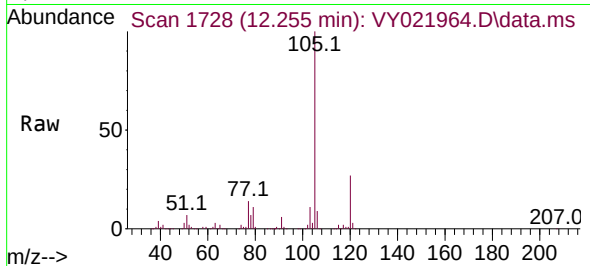




#73
Isopropylbenzene
Concen: 19.616 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

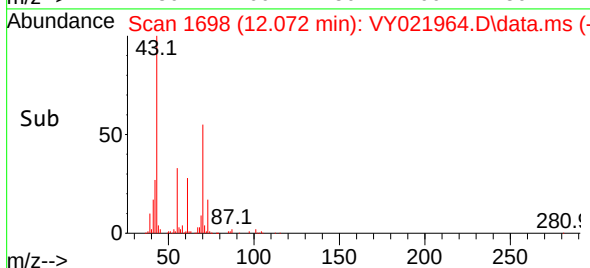
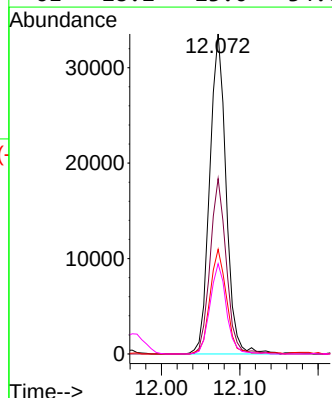
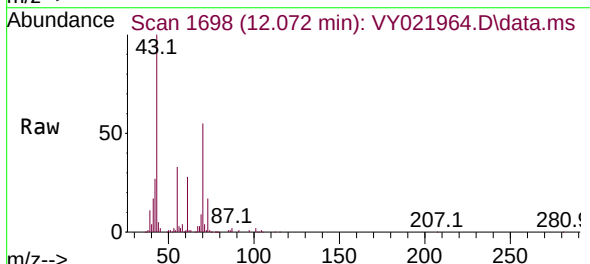
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

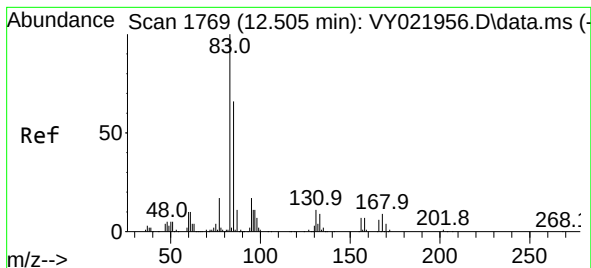
Tgt Ion:105 Resp: 290429
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.5



#74
N-ethyl acetate
Concen: 19.125 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 43 Resp: 48649
Ion Ratio Lower Upper
43 100
70 54.3 43.2 64.8
55 32.9 25.7 38.5
61 28.2 23.0 34.6

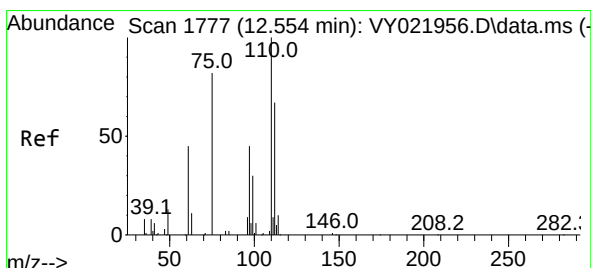
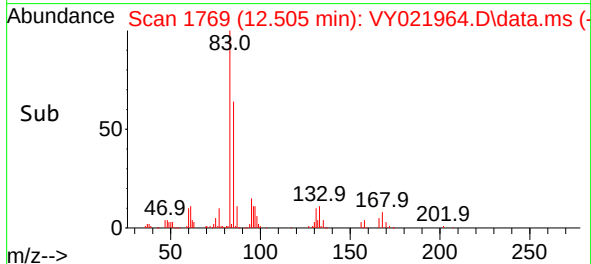
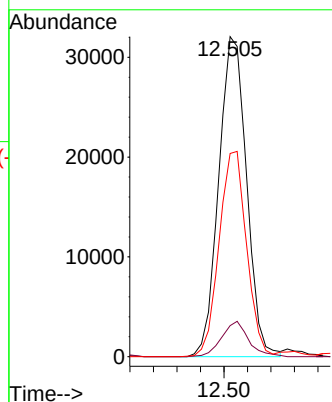
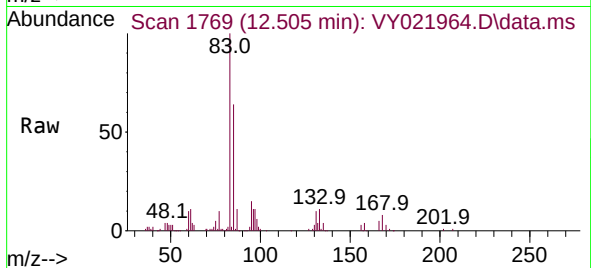




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.152 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY021964.D
 Acq: 23 Apr 2025 11:07

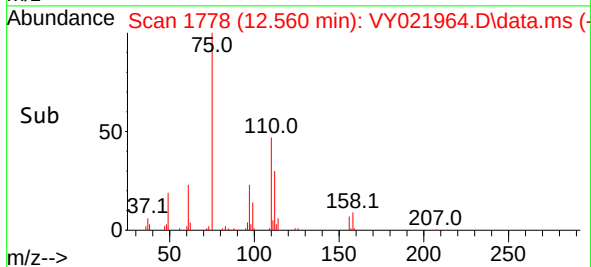
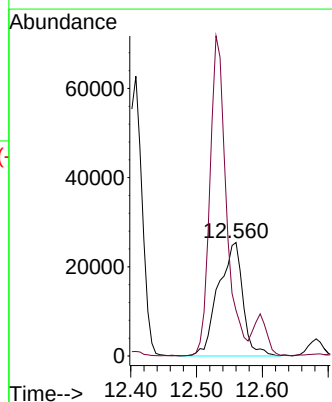
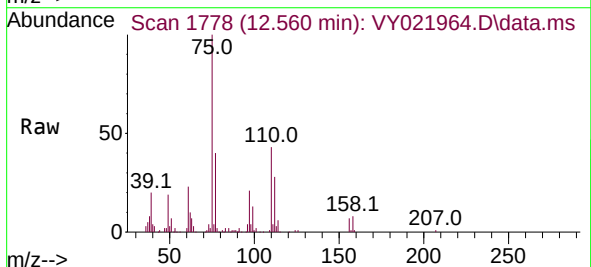
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBS01

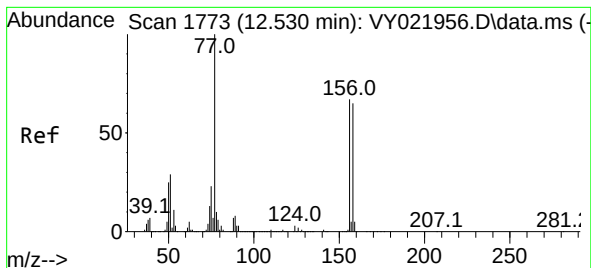
Tgt Ion: 83 Resp: 52798
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.5 16.4
 85 63.2 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 34.859 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY021964.D
 Acq: 23 Apr 2025 11:07

Tgt Ion: 75 Resp: 66167
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.760 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01

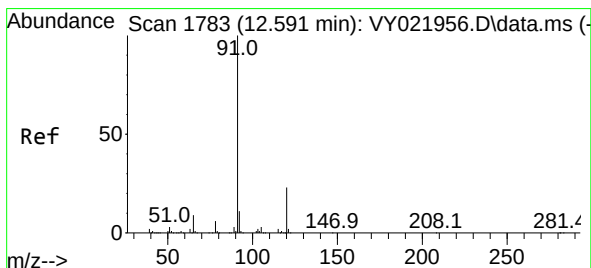
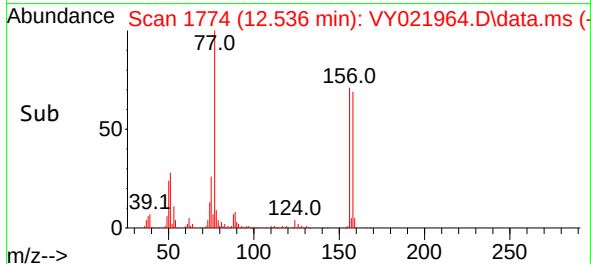
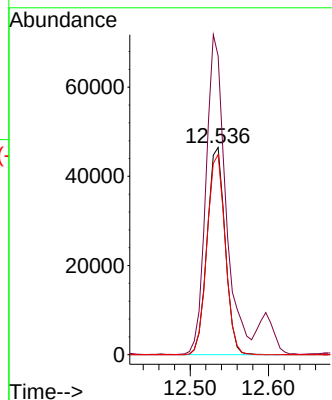
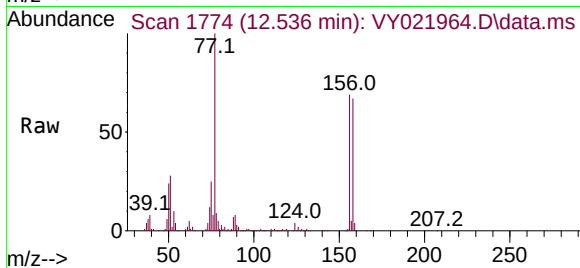
Tgt Ion:156 Resp: 73923

Ion Ratio Lower Upper

156 100

77 169.5 82.7 248.1

158 97.9 48.1 144.4



#78

n-propylbenzene

Concen: 20.260 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY021964.D

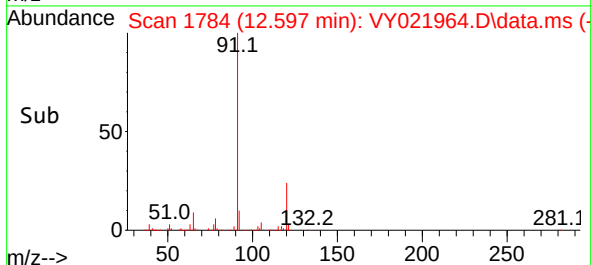
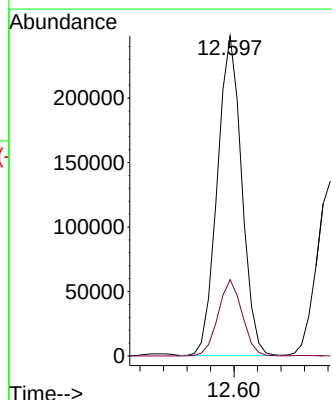
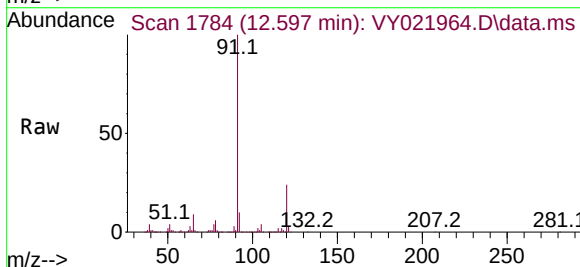
Acq: 23 Apr 2025 11:07

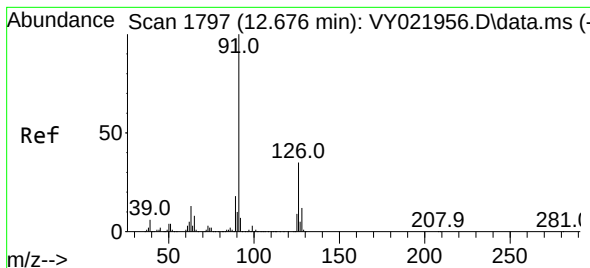
Tgt Ion: 91 Resp: 357207

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.5

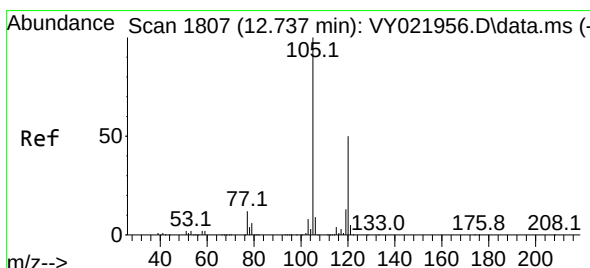
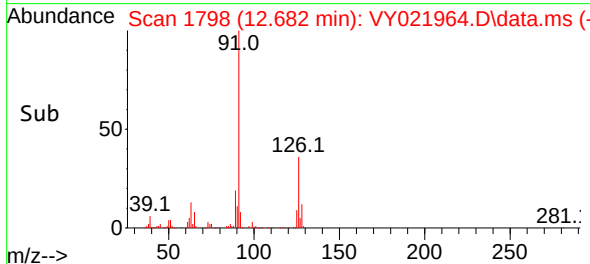
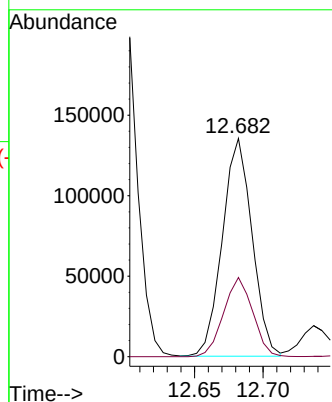
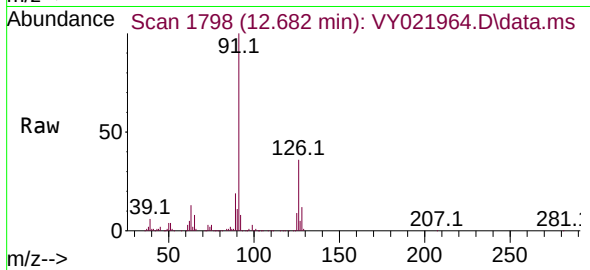




#79
2-Chlorotoluene
Concen: 19.939 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

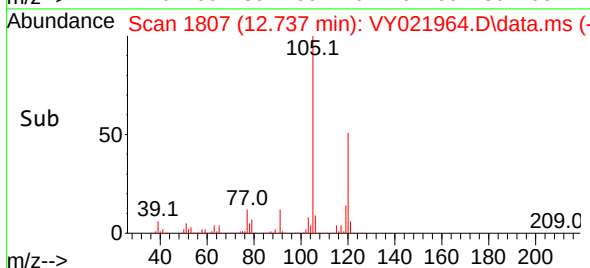
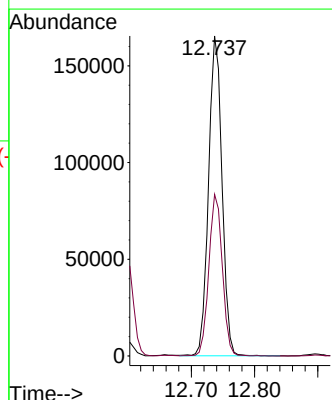
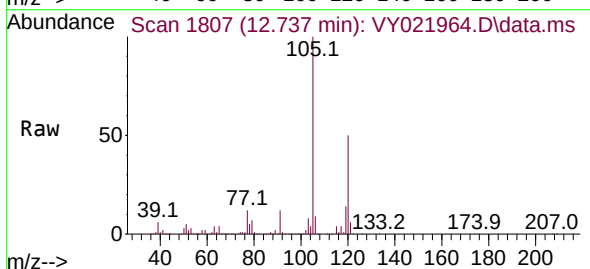
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

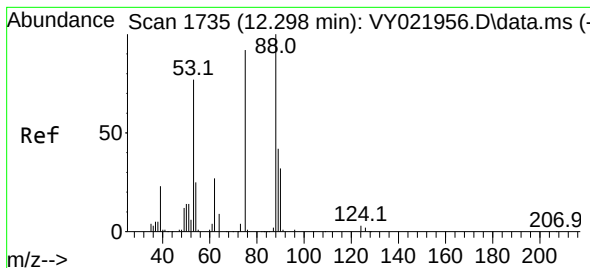
Tgt Ion: 91 Resp: 204453
Ion Ratio Lower Upper
91 100
126 35.7 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 20.054 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 105 Resp: 244632
Ion Ratio Lower Upper
105 100
120 50.4 25.0 75.0

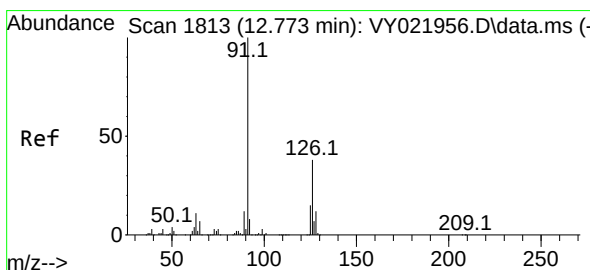
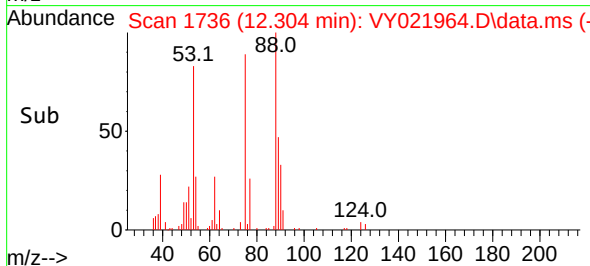
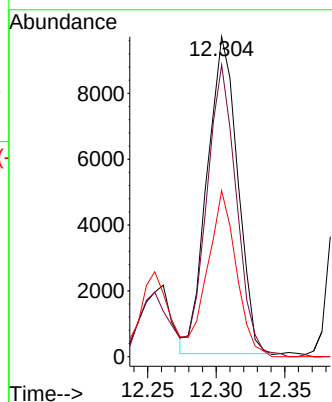
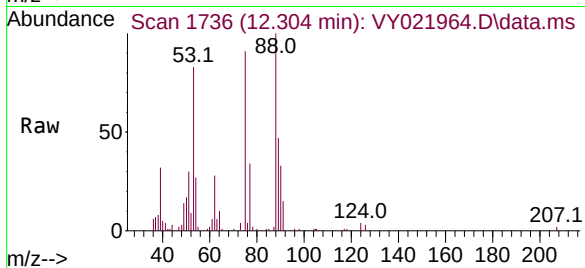




#81
trans-1,4-Dichloro-2-butene
Concen: 18.917 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

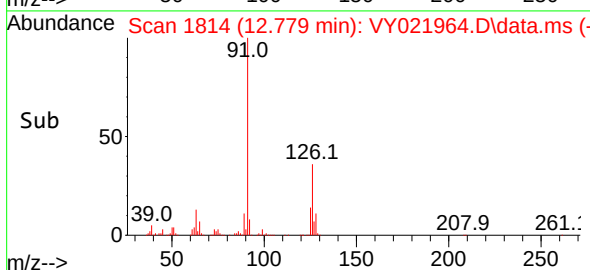
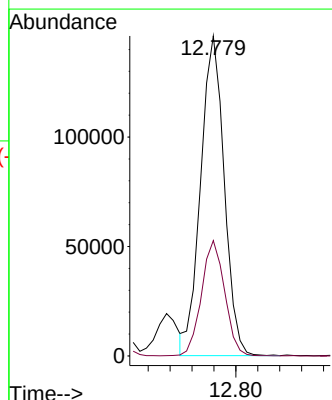
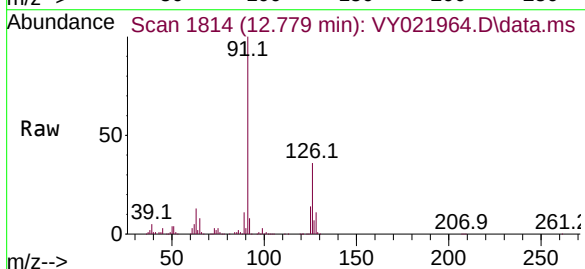
Instrument :
MSVOA_Y
ClientSampleId :
VY0423SBS01

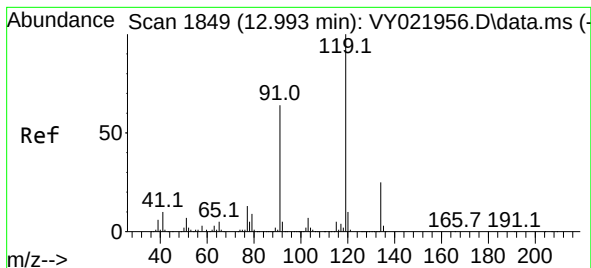
Tgt Ion: 75 Resp: 14911
Ion Ratio Lower Upper
75 100
53 90.0 66.0 99.0
89 48.6 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.453 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY021964.D
Acq: 23 Apr 2025 11:07

Tgt Ion: 91 Resp: 218007
Ion Ratio Lower Upper
91 100
126 35.5 17.9 53.8





#83

tert-Butylbenzene

Concen: 19.242 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01

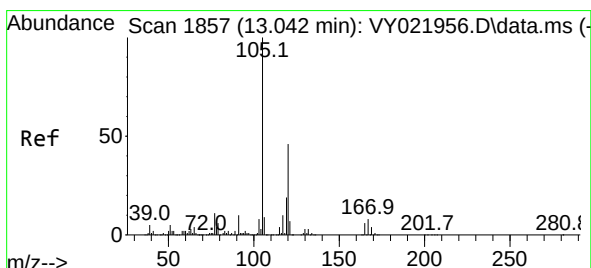
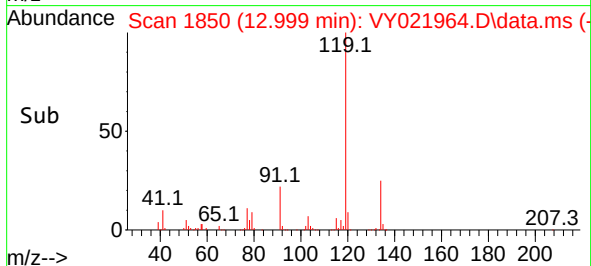
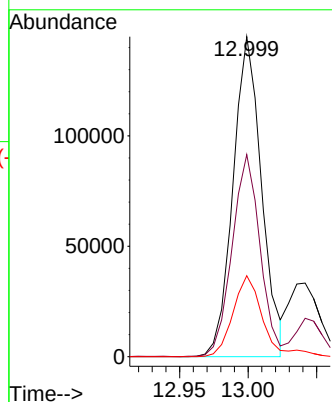
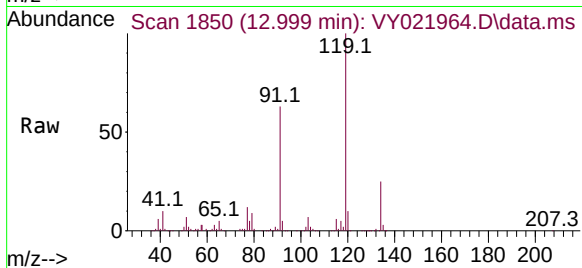
Tgt Ion:119 Resp: 210516

Ion Ratio Lower Upper

119 100

91 61.8 30.3 90.9

134 26.5 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.053 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY021964.D

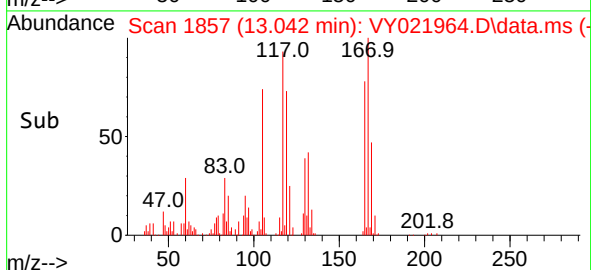
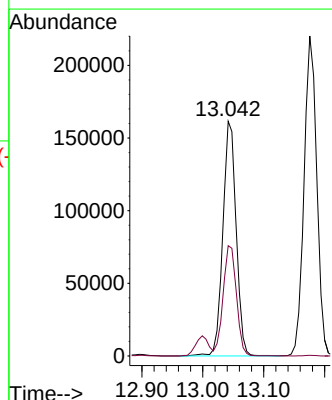
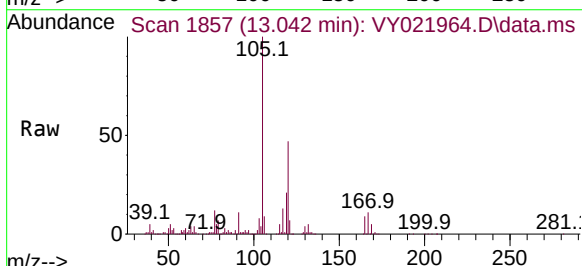
Acq: 23 Apr 2025 11:07

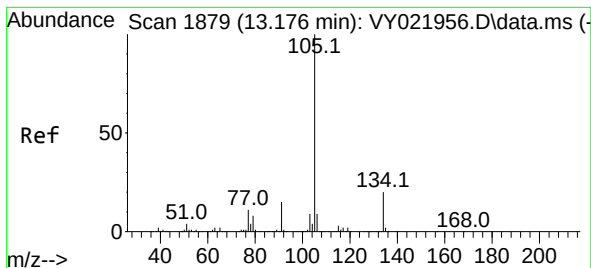
Tgt Ion:105 Resp: 244676

Ion Ratio Lower Upper

105 100

120 46.8 23.4 70.0





#85

sec-Butylbenzene

Concen: 19.883 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

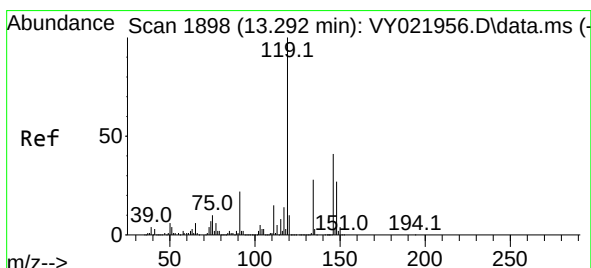
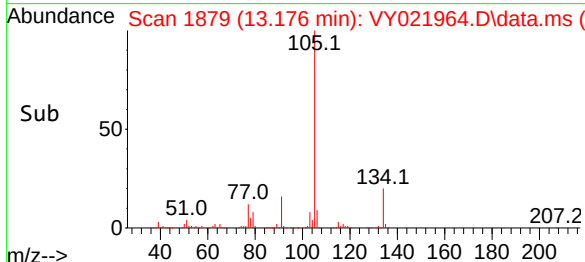
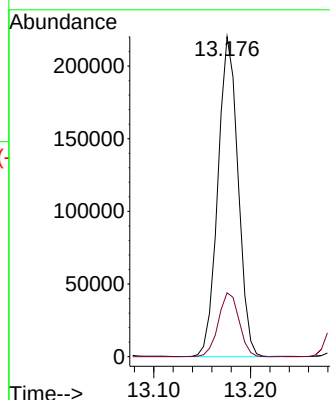
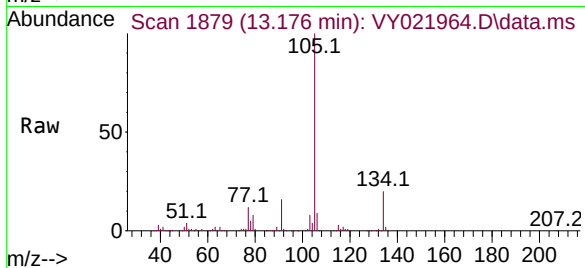
VY0423SBS01

Tgt Ion:105 Resp: 318306

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.549 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

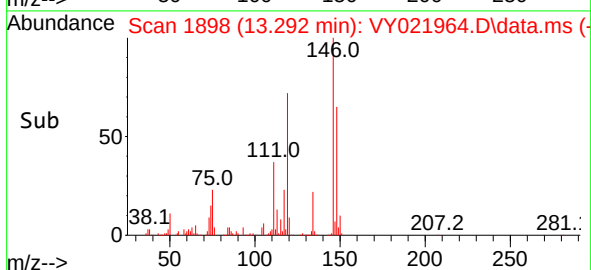
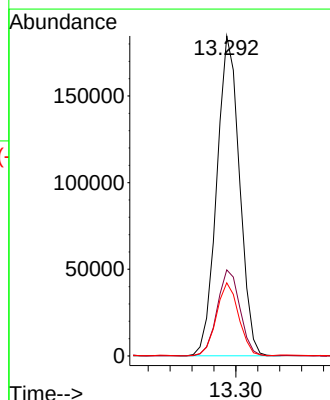
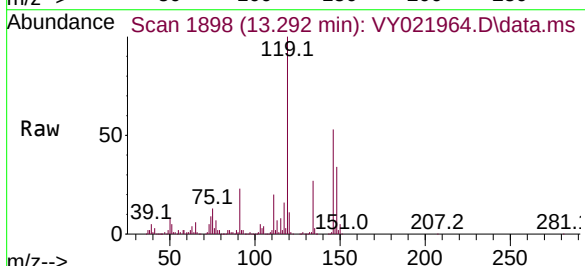
Tgt Ion:119 Resp: 265758

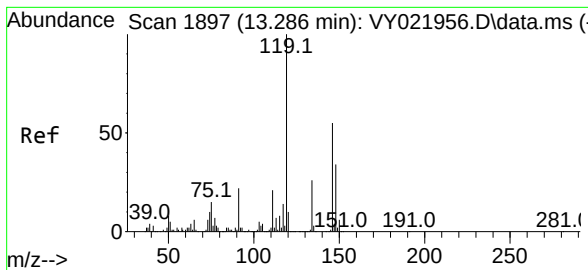
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.4 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 19.638 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01

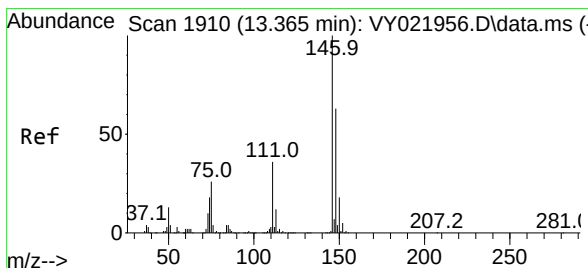
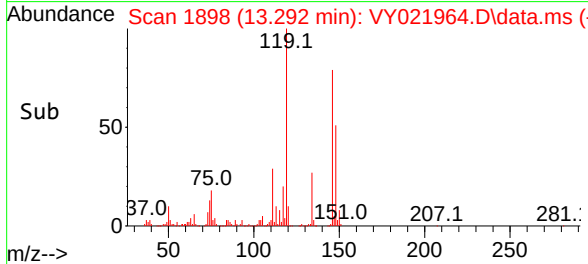
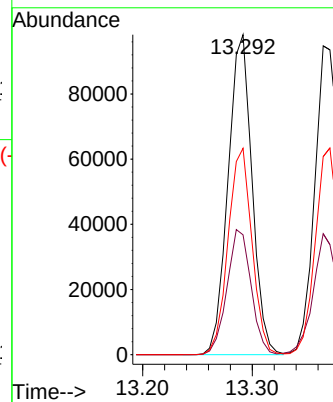
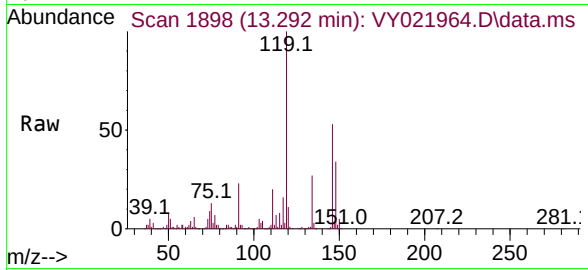
Tgt Ion:146 Resp: 149215

Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.5

148 64.2 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 19.951 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

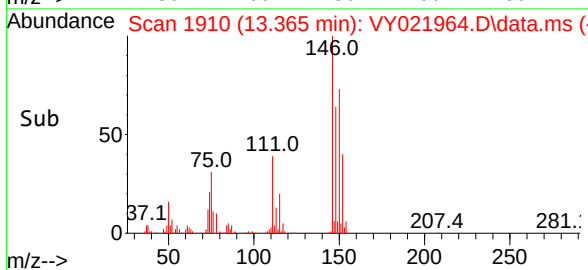
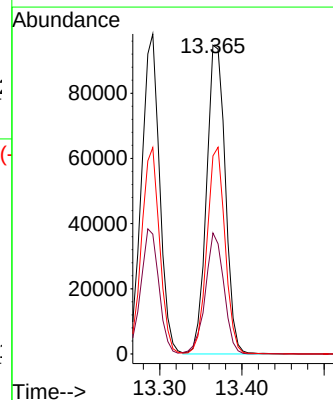
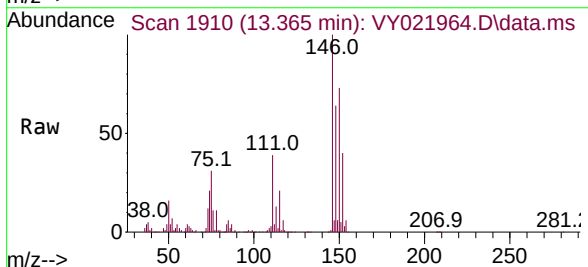
Tgt Ion:146 Resp: 150139

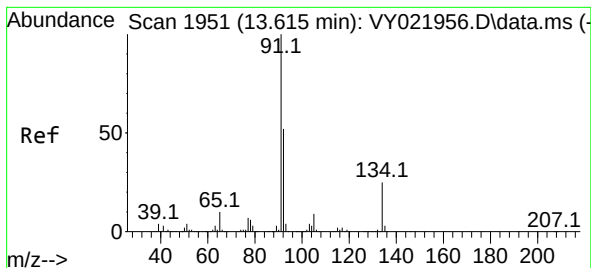
Ion Ratio Lower Upper

146 100

111 38.5 19.2 57.6

148 64.6 32.0 96.0





#89

n-Butylbenzene

Concen: 19.302 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01

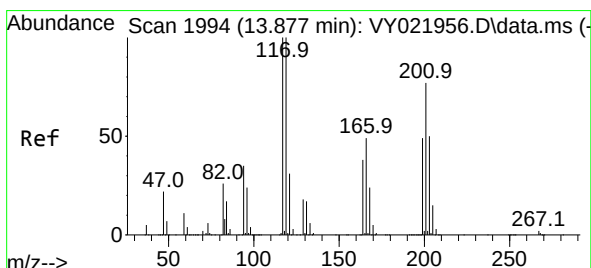
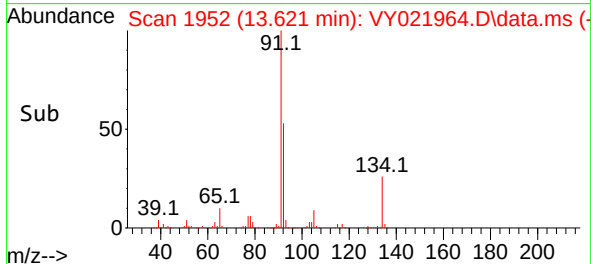
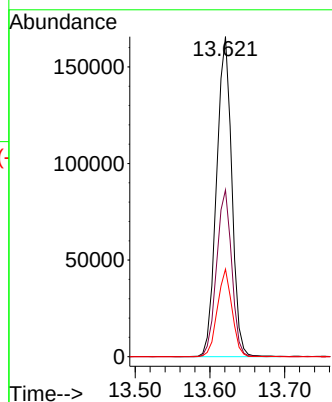
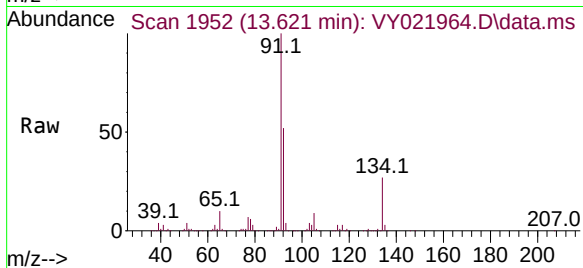
Tgt Ion: 91 Resp: 234544

Ion Ratio Lower Upper

91 100

92 51.6 26.5 79.5

134 26.3 13.4 40.1



#90

Hexachloroethane

Concen: 19.918 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021964.D

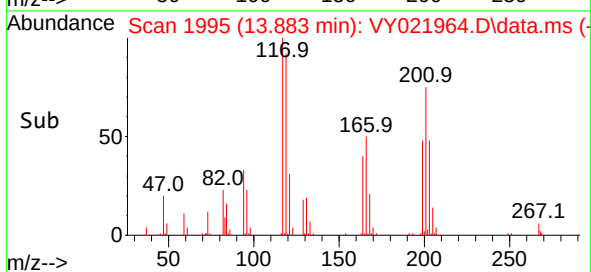
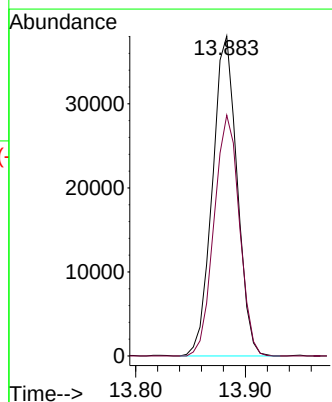
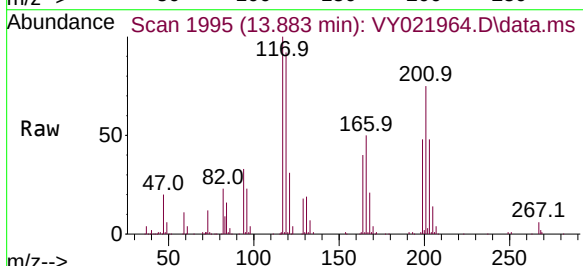
Acq: 23 Apr 2025 11:07

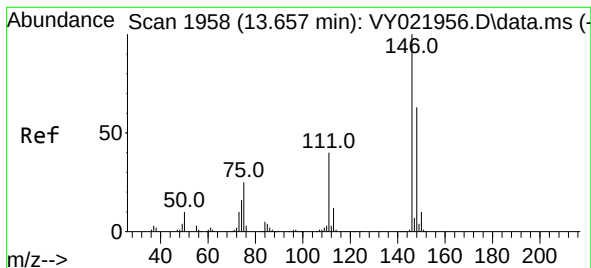
Tgt Ion: 117 Resp: 59491

Ion Ratio Lower Upper

117 100

201 77.1 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 20.180 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01

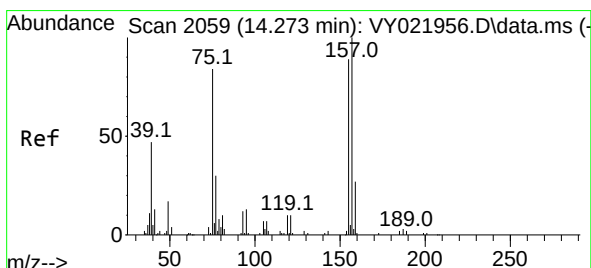
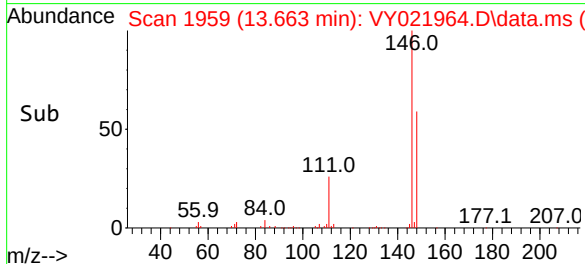
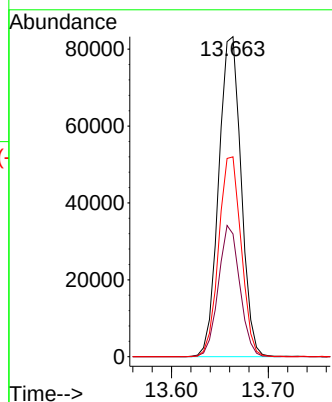
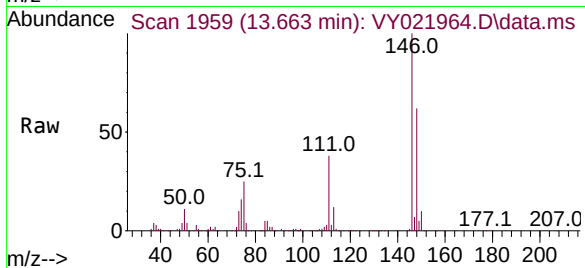
Tgt Ion:146 Resp: 133741

Ion Ratio Lower Upper

146 100

111 39.2 19.7 59.1

148 62.7 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.386 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

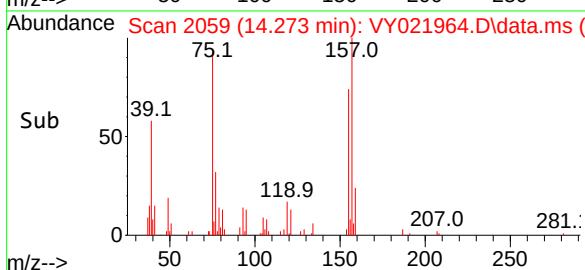
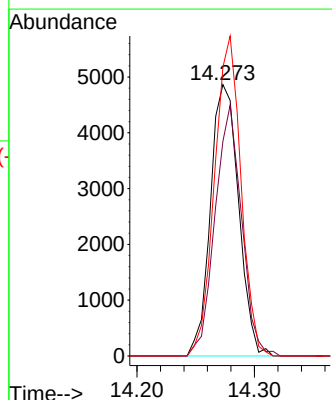
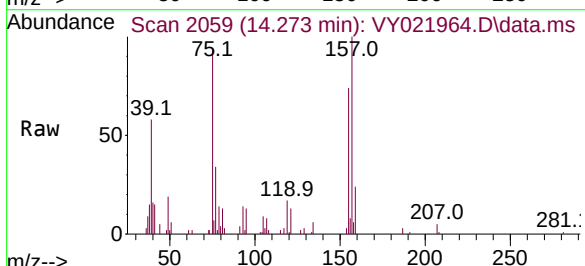
Tgt Ion: 75 Resp: 8096

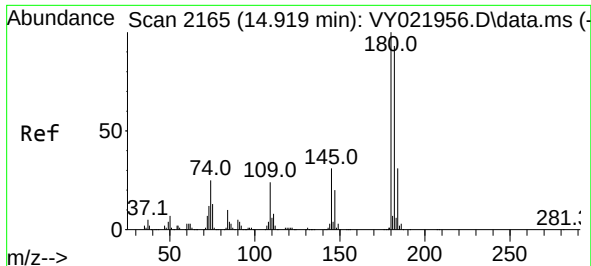
Ion Ratio Lower Upper

75 100

155 87.0 50.7 152.3

157 110.5 62.6 187.8

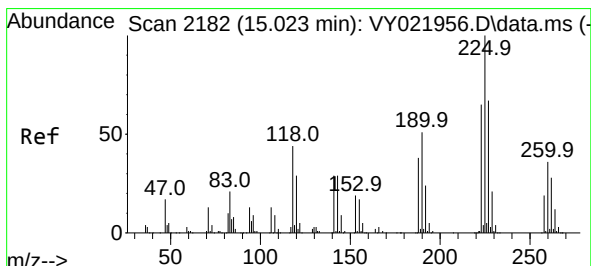
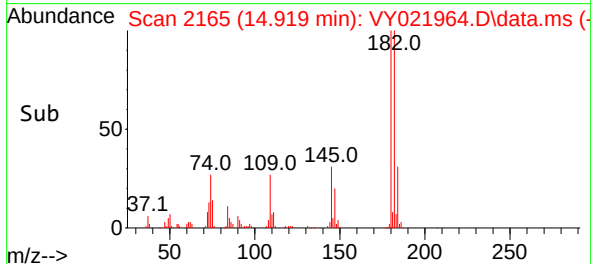
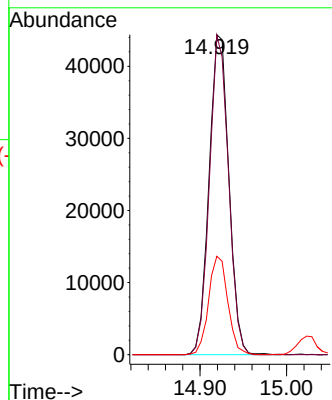
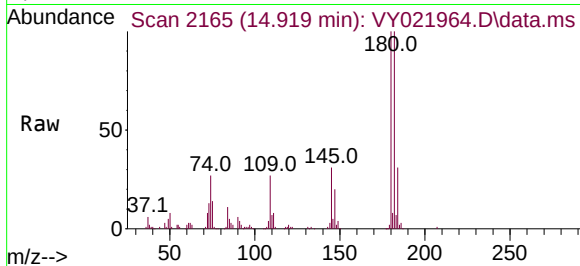




#93
 1,2,4-Trichlorobenzene
 Concen: 18.803 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY021964.D
 Acq: 23 Apr 2025 11:07

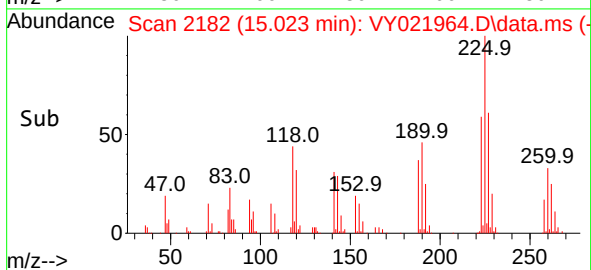
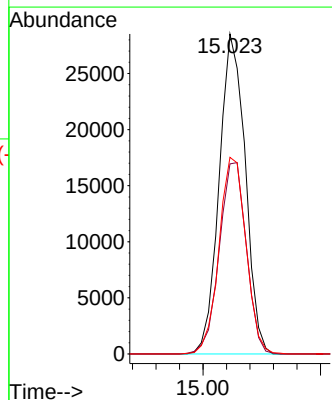
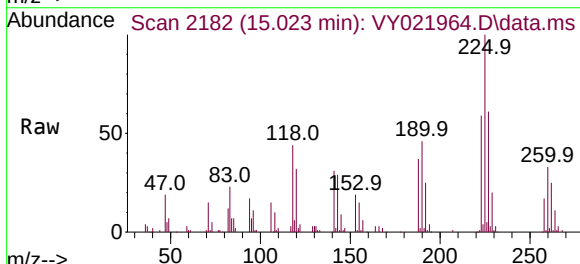
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0423SBS01

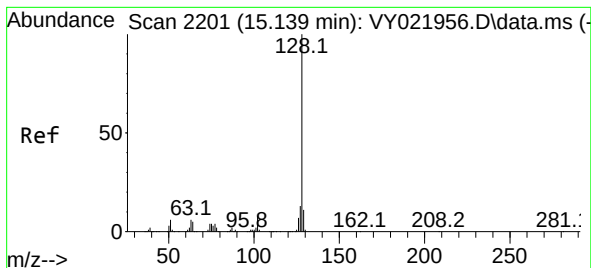
Tgt Ion:180	Resp:	70613
Ion Ratio	Lower	Upper
180	100	
182	95.8	47.1 141.4
145	29.8	15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 19.007 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY021964.D
 Acq: 23 Apr 2025 11:07

Tgt Ion:225	Resp:	43918
Ion Ratio	Lower	Upper
225	100	
223	62.0	31.9 95.5
227	63.6	32.3 96.9





#95

Naphthalene

Concen: 17.702 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0423SBS01

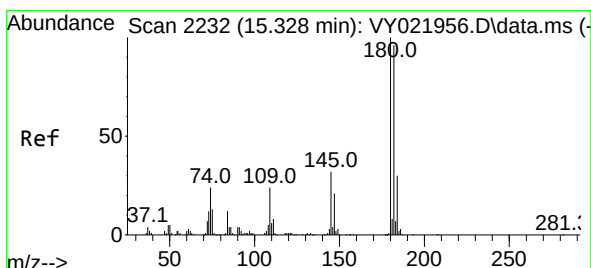
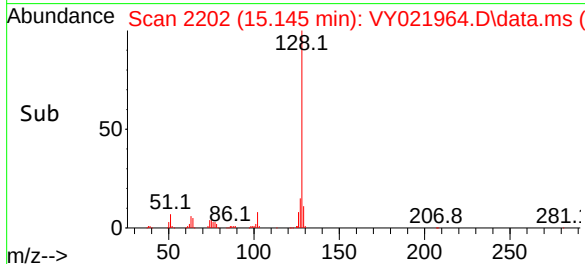
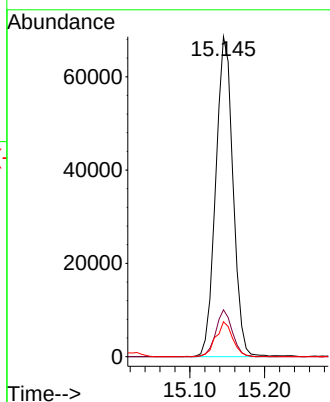
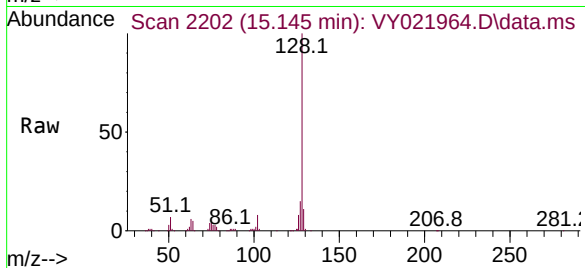
Tgt Ion:128 Resp: 110434

Ion Ratio Lower Upper

128 100

127 14.1 10.6 16.0

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.004 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021964.D

Acq: 23 Apr 2025 11:07

Tgt Ion:180 Resp: 61606

Ion Ratio Lower Upper

180 100

182 92.7 48.1 144.4

145 32.2 16.0 48.0

