

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021734.D
 Acq On : 01 Apr 2025 11:52
 Operator : SY/MD
 Sample : VY0401SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

Quant Time: Apr 02 03:22:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	249854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	398654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	353780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	180866	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	142882	52.781	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.560%	
35) Dibromofluoromethane	7.628	113	138581	53.589	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.180%	
50) Toluene-d8	10.103	98	526671	53.535	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.060%	
62) 4-Bromofluorobenzene	12.401	95	180027	54.100	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	50357	19.445	ug/l	99
3) Chloromethane	2.068	50	67735	18.601	ug/l	98
4) Vinyl Chloride	2.202	62	77103	18.723	ug/l	97
5) Bromomethane	2.586	94	55107	19.620	ug/l	98
6) Chloroethane	2.732	64	50749	18.833	ug/l	99
7) Trichlorofluoromethane	3.049	101	102182	19.370	ug/l	99
8) Diethyl Ether	3.452	74	27708	19.314	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	56269	20.224	ug/l	100
10) Methyl Iodide	4.000	142	57734	18.914	ug/l	99
11) Tert butyl alcohol	4.860	59	18352	104.372	ug/l	98
12) 1,1-Dichloroethene	3.787	96	51462	19.637	ug/l	91
13) Acrolein	3.647	56	24528	76.397	ug/l	98
14) Allyl chloride	4.378	41	79053	18.919	ug/l	98
15) Acrylonitrile	5.049	53	59619	99.530	ug/l	100
16) Acetone	3.866	43	49484	89.316	ug/l	92
17) Carbon Disulfide	4.098	76	160237	18.563	ug/l	99
18) Methyl Acetate	4.385	43	27729	20.194	ug/l	100
19) Methyl tert-butyl Ether	5.110	73	130488	19.999	ug/l	94
20) Methylene Chloride	4.610	84	61085	20.229	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	57189	19.819	ug/l	99
22) Diisopropyl ether	6.018	45	175740	20.049	ug/l	96
23) Vinyl Acetate	5.957	43	492587	96.062	ug/l	98
24) 1,1-Dichloroethane	5.909	63	104767	19.989	ug/l	97
25) 2-Butanone	6.890	43	73607	93.016	ug/l	96
26) 2,2-Dichloropropane	6.878	77	91056	19.530	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	65387	20.150	ug/l	98
28) Bromochloromethane	7.244	49	43966	19.890	ug/l	97
29) Tetrahydrofuran	7.262	42	48560	95.348	ug/l	95
30) Chloroform	7.421	83	109913	20.162	ug/l	98
31) Cyclohexane	7.695	56	89093	18.647	ug/l	90
32) 1,1,1-Trichloroethane	7.610	97	98271	19.945	ug/l	100
36) 1,1-Dichloropropene	7.829	75	76899	19.523	ug/l	100
37) Ethyl Acetate	6.982	43	35453	19.072	ug/l	99
38) Carbon Tetrachloride	7.817	117	89090	19.748	ug/l	100
39) Methylcyclohexane	9.109	83	88943	18.902	ug/l	97
40) Benzene	8.079	78	233440	19.790	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	16037	16.245	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	65473	19.688	ug/l	99
43) Isopropyl Acetate	8.195	43	67482	19.156	ug/l	99
44) Trichloroethene	8.865	130	61089	20.326	ug/l	96
45) 1,2-Dichloropropane	9.140	63	56418	20.206	ug/l	97
46) Dibromomethane	9.225	93	31756	19.734	ug/l	100
47) Bromodichloromethane	9.420	83	82304	19.738	ug/l	98
48) Methyl methacrylate	9.219	41	29950	18.524	ug/l	97
49) 1,4-Dioxane	9.225	88	6460	374.739	ug/l	98
51) 4-Methyl-2-Pentanone	9.993	43	176364	96.202	ug/l	100
52) Toluene	10.170	92	147040	19.979	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	73080	19.732	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	86823	19.871	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	42280	20.417	ug/l	98
56) Ethyl methacrylate	10.438	69	52559	19.877	ug/l	98
57) 1,3-Dichloropropane	10.713	76	71109	19.882	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	130768	101.375	ug/l	99
59) 2-Hexanone	10.761	43	118049	96.688	ug/l	99
60) Dibromochloromethane	10.908	129	56498	19.982	ug/l	96
61) 1,2-Dibromoethane	11.011	107	39749	20.462	ug/l	99
64) Tetrachloroethene	10.646	164	64652	20.065	ug/l	98
65) Chlorobenzene	11.438	112	160909	19.841	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	57050	19.827	ug/l	98
67) Ethyl Benzene	11.517	91	267784	19.256	ug/l	99
68) m/p-Xylenes	11.627	106	210108	39.455	ug/l	99
69) o-Xylene	11.950	106	97645	19.864	ug/l	100
70) Styrene	11.969	104	163431	19.941	ug/l	99
71) Bromoform	12.133	173	32739	19.947	ug/l #	97
73) Isopropylbenzene	12.255	105	255126	18.992	ug/l	99
74) N-amyl acetate	12.072	43	59465	18.861	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	46623	19.304	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	61855	34.501	ug/l #	100
77) Bromobenzene	12.529	156	62425	19.354	ug/l	99
78) n-propylbenzene	12.590	91	318024	19.691	ug/l	100
79) 2-Chlorotoluene	12.676	91	184549	19.674	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	216167	19.689	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	15037	19.326	ug/l	98
82) 4-Chlorotoluene	12.779	91	192091	19.642	ug/l	98
83) tert-Butylbenzene	12.999	119	190441	19.474	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	214526	19.770	ug/l	100
85) sec-Butylbenzene	13.176	105	279174	19.535	ug/l	100
86) p-Isopropyltoluene	13.291	119	235978	19.978	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	125891	19.811	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	125583	20.002	ug/l	96
89) n-Butylbenzene	13.615	91	214364	19.624	ug/l	99
90) Hexachloroethane	13.877	117	49767	19.227	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	110352	19.949	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7717	20.615	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	63063	21.022	ug/l	99
94) Hexachlorobutadiene	15.023	225	38686	20.649	ug/l	99
95) Naphthalene	15.145	128	100567	20.225	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	52590	20.558	ug/l	97

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QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

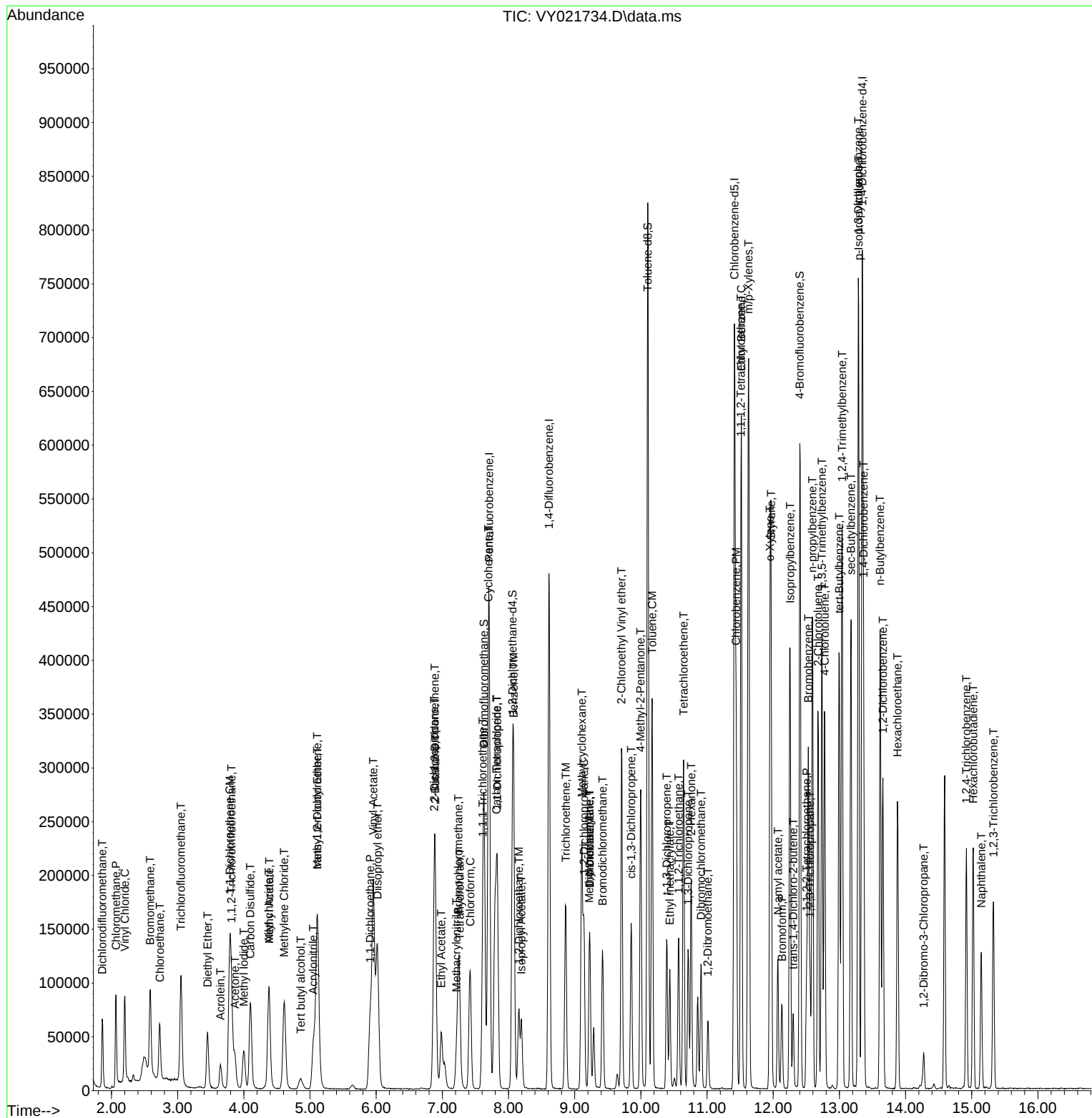
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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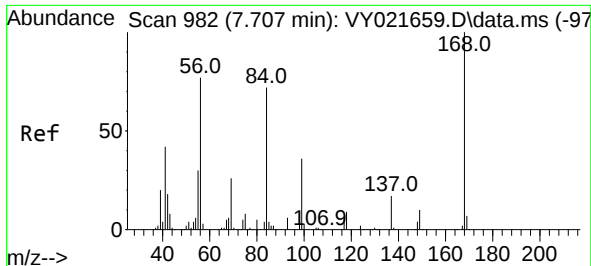
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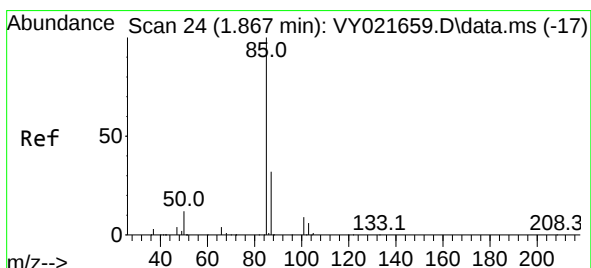
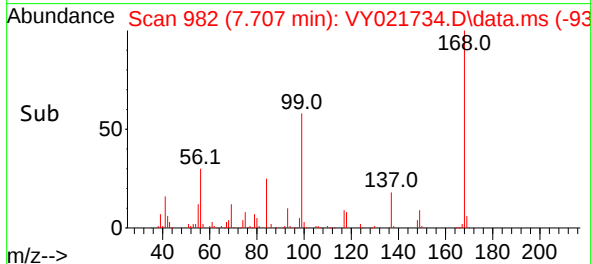
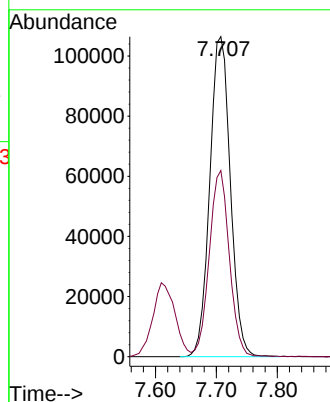
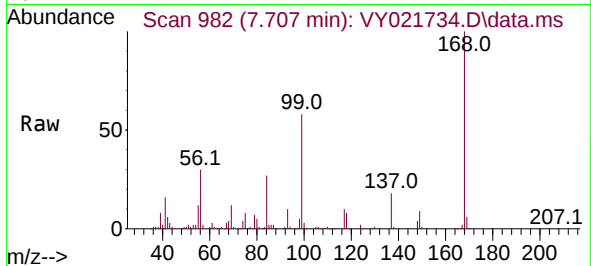




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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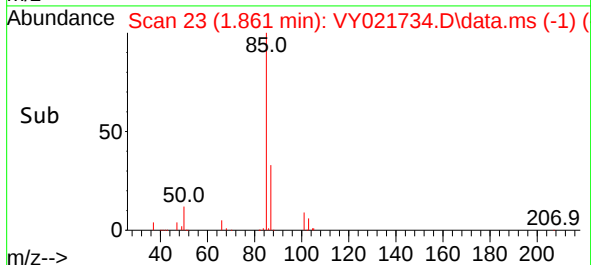
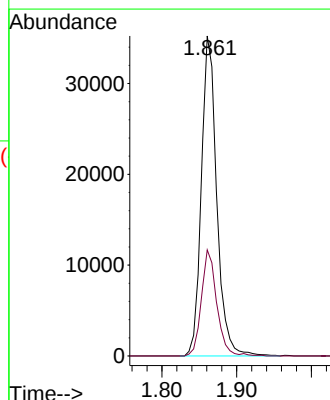
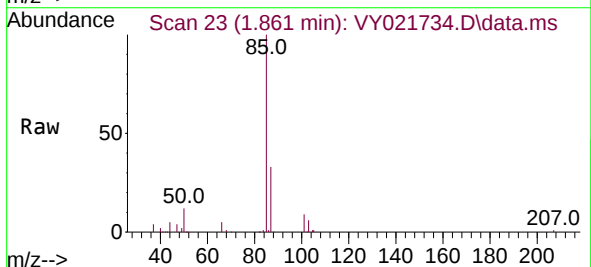
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

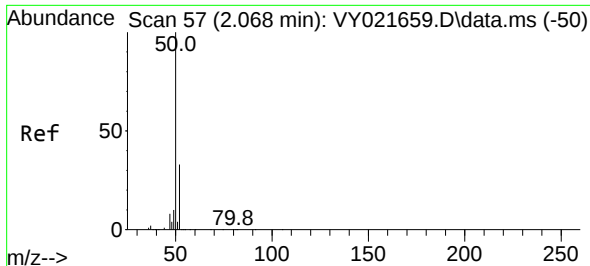
Tgt Ion:168 Resp: 249854
Ion Ratio Lower Upper
168 100
99 58.1 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 19.445 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 85 Resp: 50357
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6

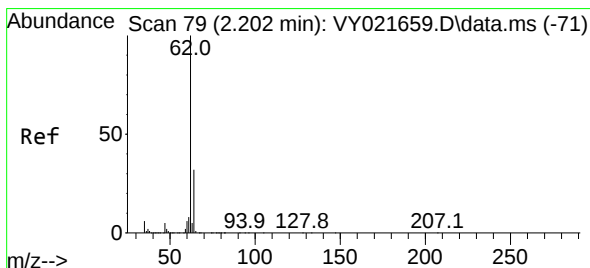
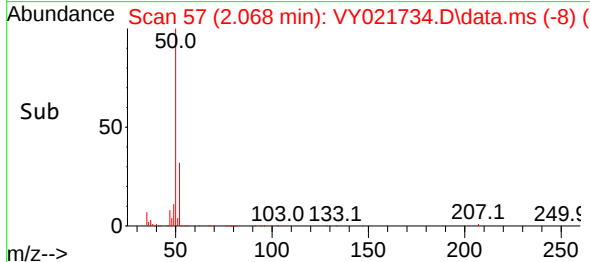
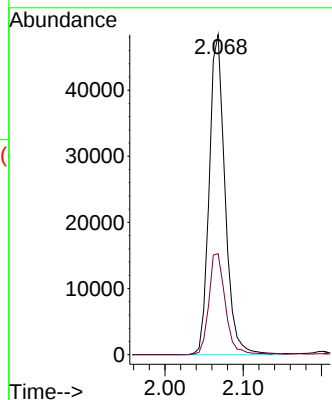
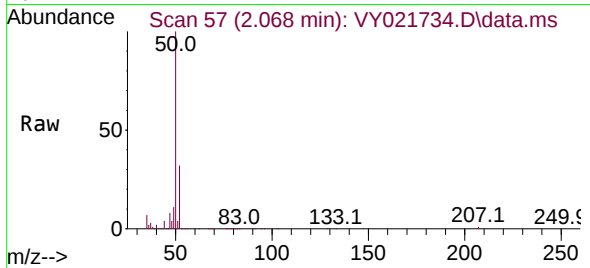




#3
Chloromethane
Concen: 18.601 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

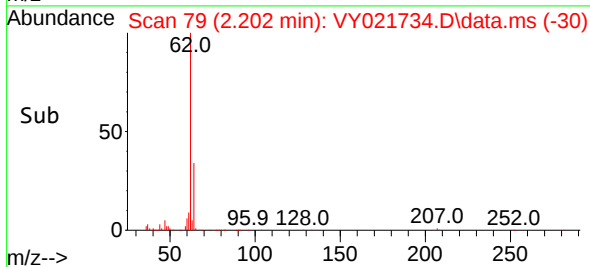
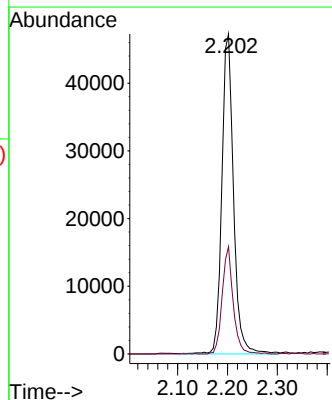
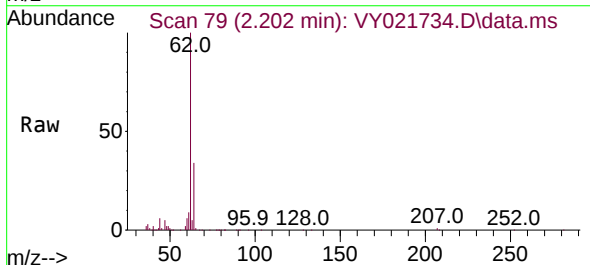
Instrument :
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ClientSampleId :
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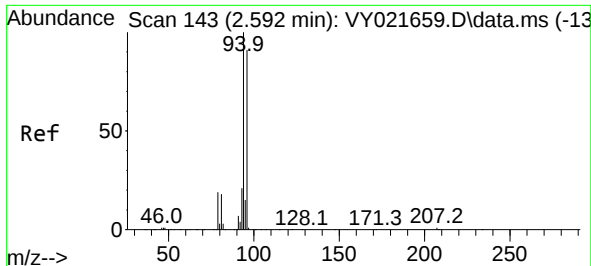
Tgt Ion: 50 Resp: 67735
Ion Ratio Lower Upper
50 100
52 31.5 26.3 39.5



#4
Vinyl Chloride
Concen: 18.723 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 62 Resp: 77103
Ion Ratio Lower Upper
62 100
64 33.4 25.5 38.3

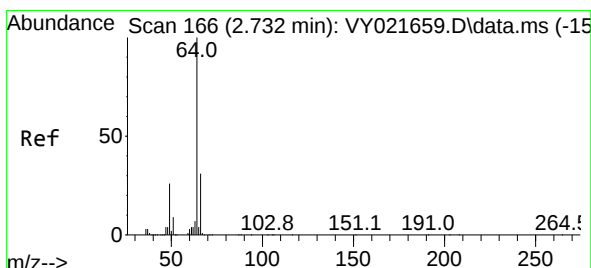
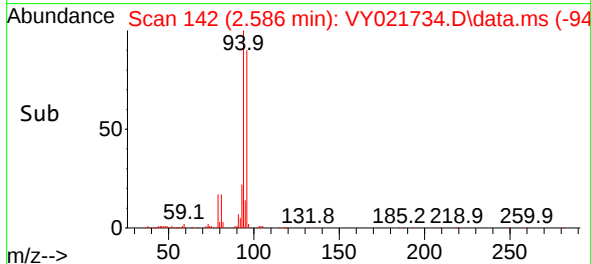
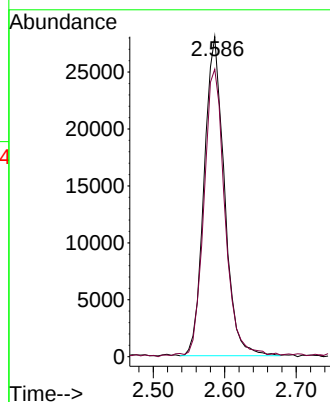
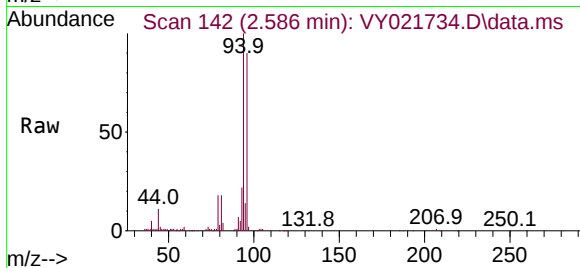




#5
Bromomethane
Concen: 19.620 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021734.D
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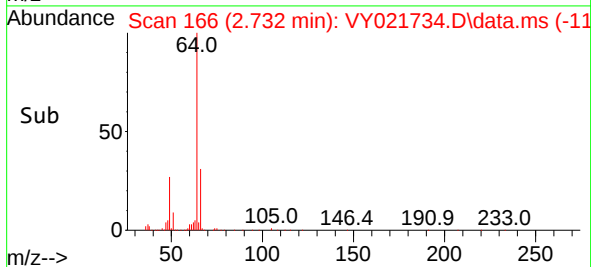
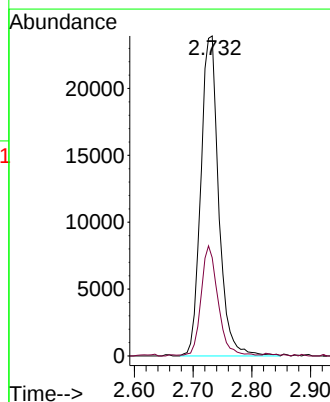
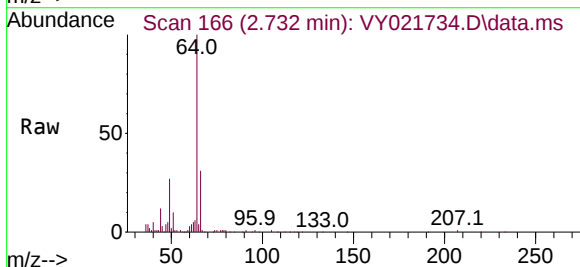
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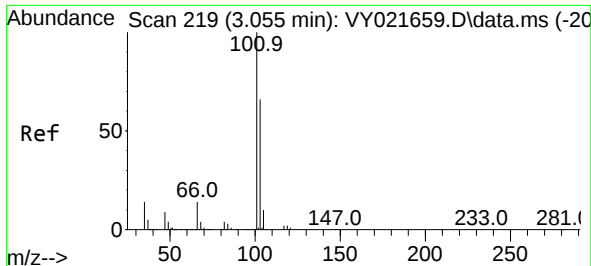
Tgt Ion: 94 Resp: 55107
Ion Ratio Lower Upper
94 100
96 89.6 72.8 109.2



#6
Chloroethane
Concen: 18.833 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 50749
Ion Ratio Lower Upper
64 100
66 30.5 24.9 37.3

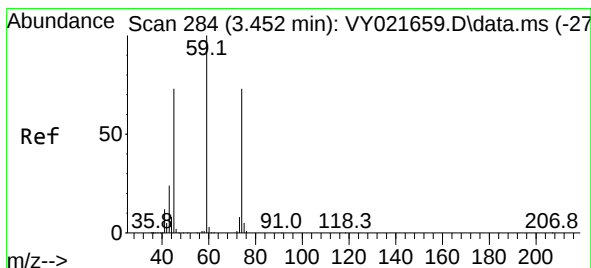
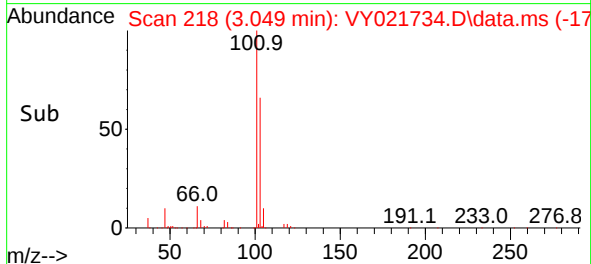
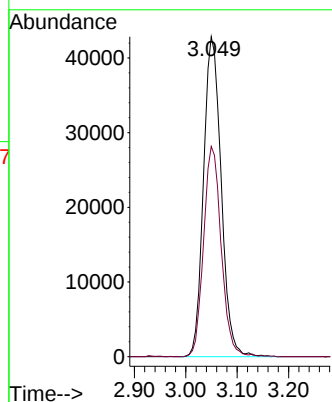
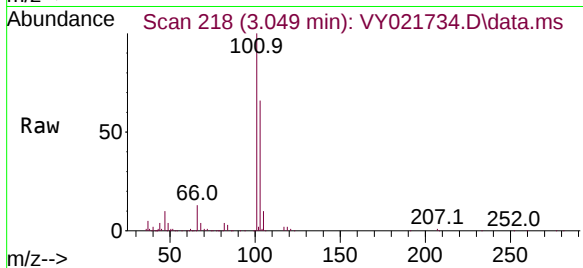




#7
 Trichlorofluoromethane
 Concen: 19.370 ug/l
 RT: 3.049 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY021734.D
 Acq: 01 Apr 2025 11:52

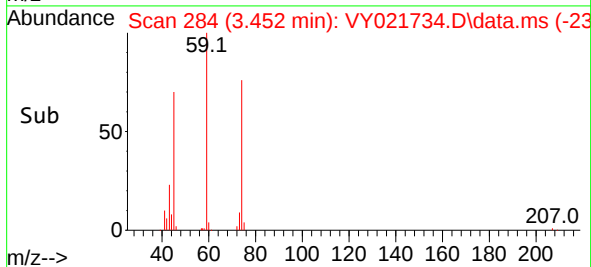
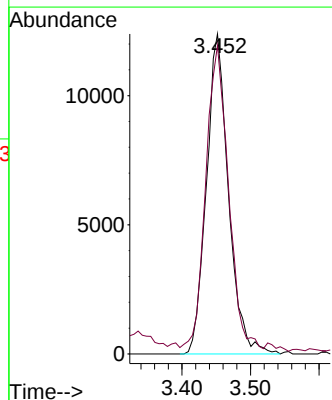
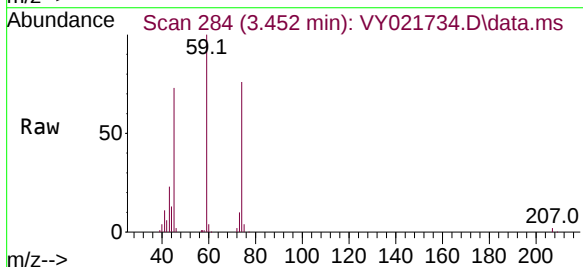
Instrument :
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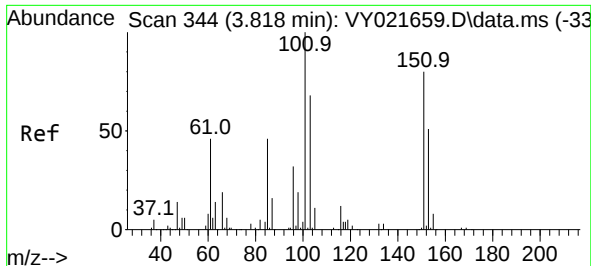
Tgt Ion:101 Resp: 102182
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.1 79.7



#8
 Diethyl Ether
 Concen: 19.314 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021734.D
 Acq: 01 Apr 2025 11:52

Tgt Ion: 74 Resp: 27708
 Ion Ratio Lower Upper
 74 100
 45 98.1 48.6 145.8

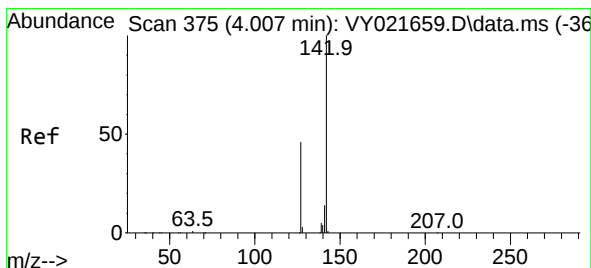
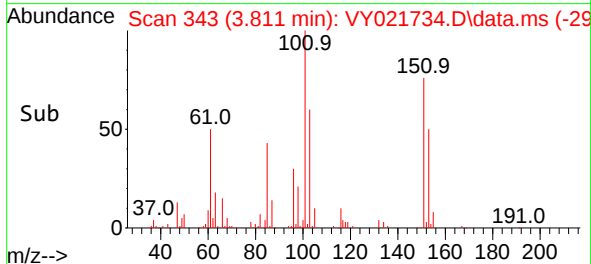
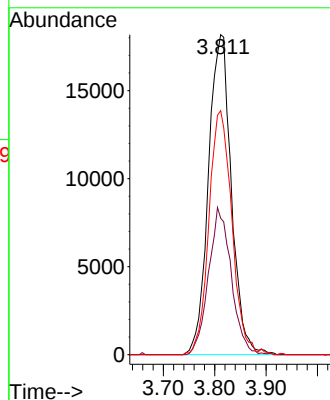
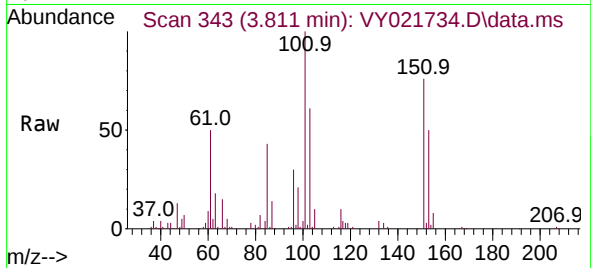




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.224 ug/l
RT: 3.811 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

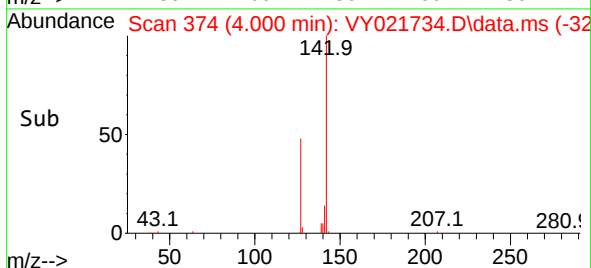
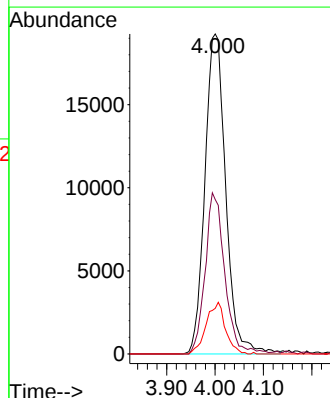
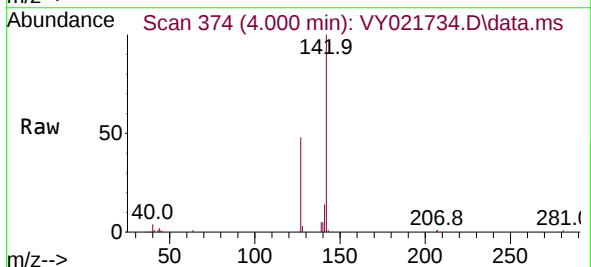
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

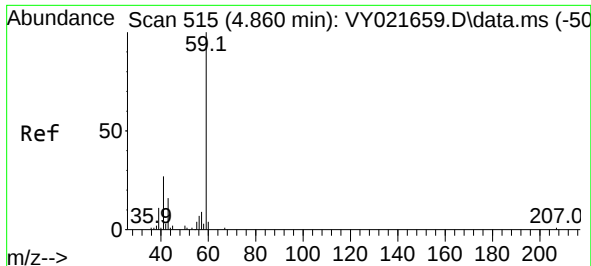
Tgt Ion:101 Resp: 56269
Ion Ratio Lower Upper
101 100
85 45.6 36.3 54.5
151 76.3 61.3 91.9



#10
Methyl Iodide
Concen: 18.914 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion:142 Resp: 57734
Ion Ratio Lower Upper
142 100
127 47.3 38.7 58.1
141 14.8 11.5 17.3

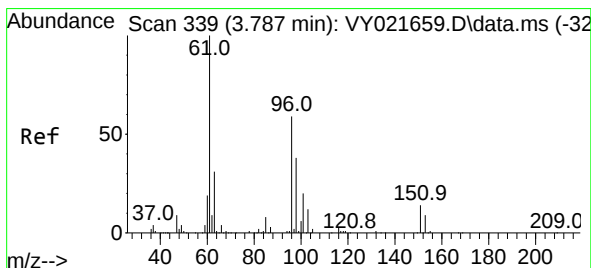
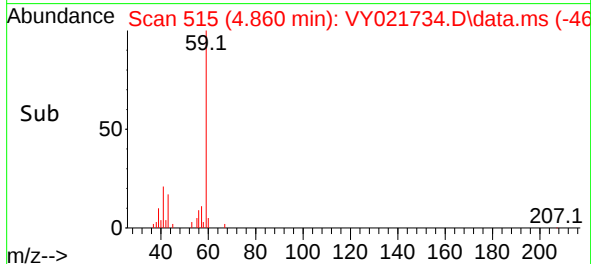
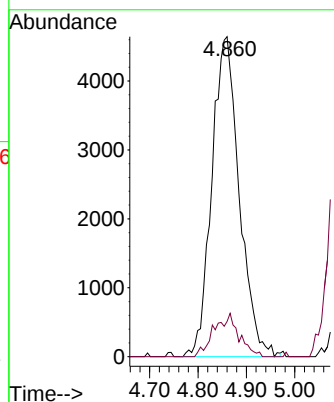
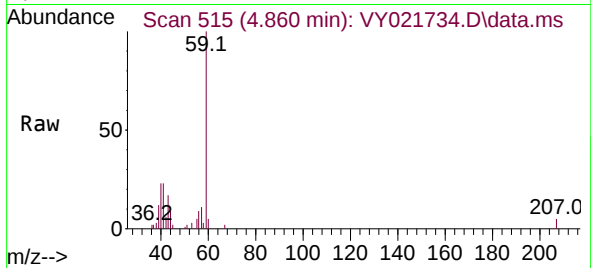




#11
Tert butyl alcohol
Concen: 104.372 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

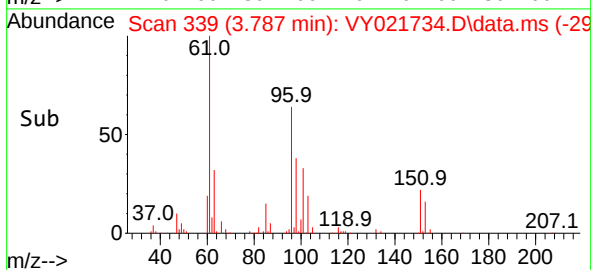
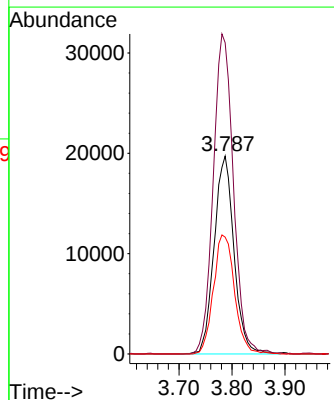
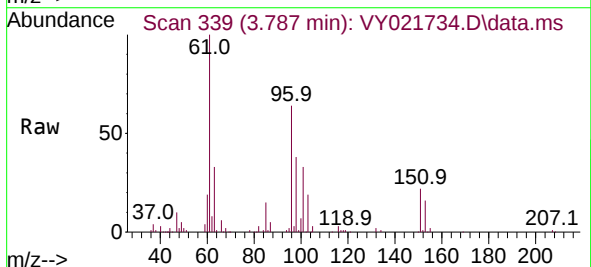
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

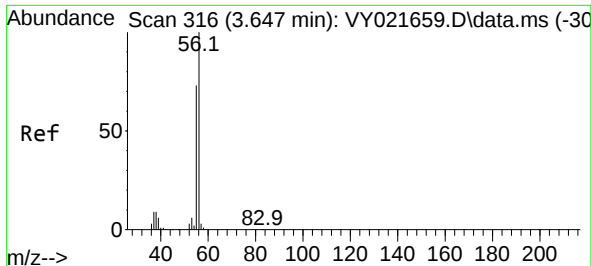
Tgt Ion: 59 Resp: 18352
Ion Ratio Lower Upper
59 100
57 12.3 9.2 13.8



#12
1,1-Dichloroethene
Concen: 19.637 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 96 Resp: 51462
Ion Ratio Lower Upper
96 100
61 157.2 136.6 204.8
98 59.0 52.3 78.5





#13

Acrolein

Concen: 76.397 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

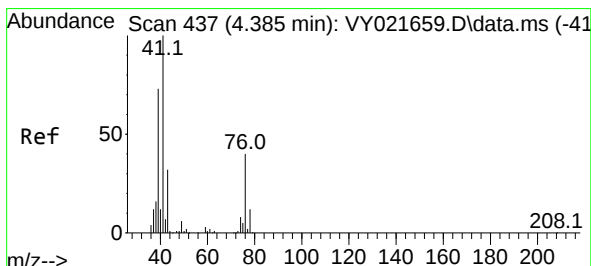
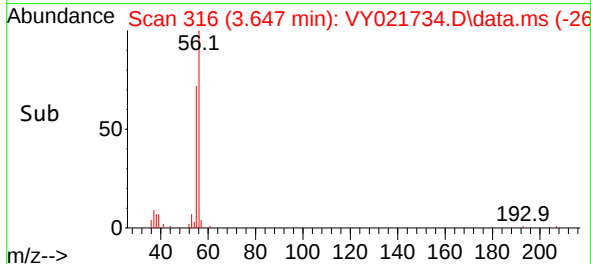
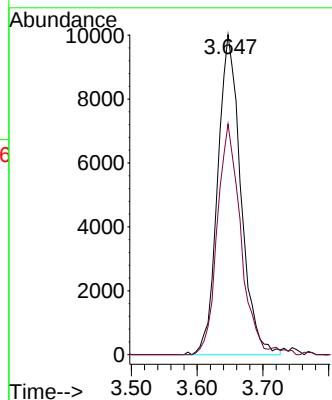
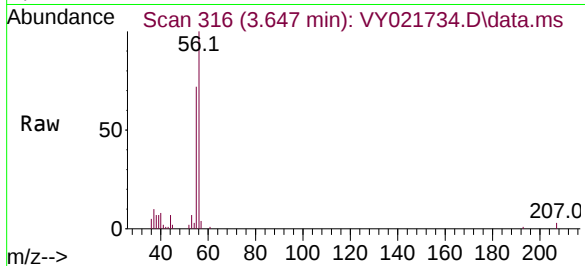
VY0401SBS01

Tgt Ion: 56 Resp: 24528

Ion Ratio Lower Upper

56 100

55 72.2 56.6 85.0



#14

Allyl chloride

Concen: 18.919 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

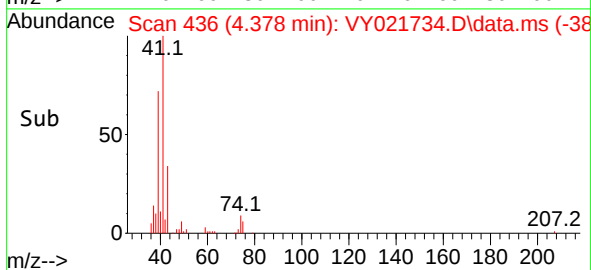
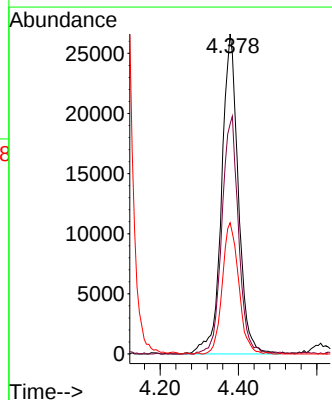
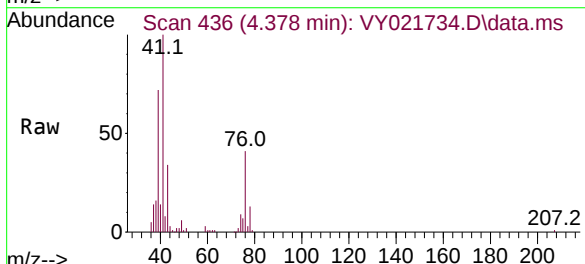
Tgt Ion: 41 Resp: 79053

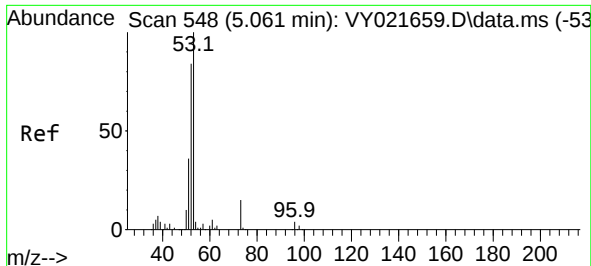
Ion Ratio Lower Upper

41 100

39 74.1 58.6 88.0

76 40.1 30.3 45.5

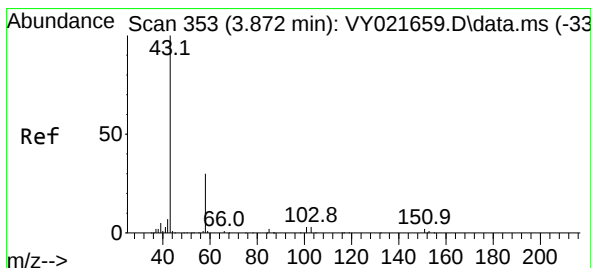
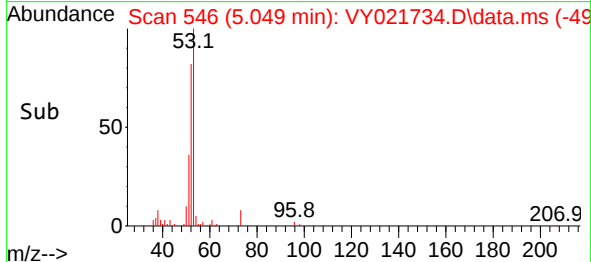
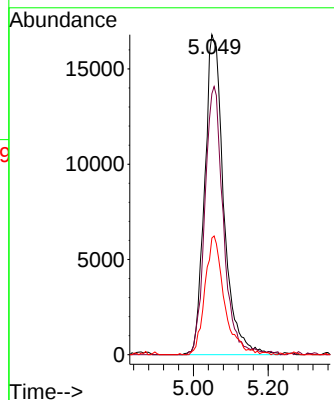
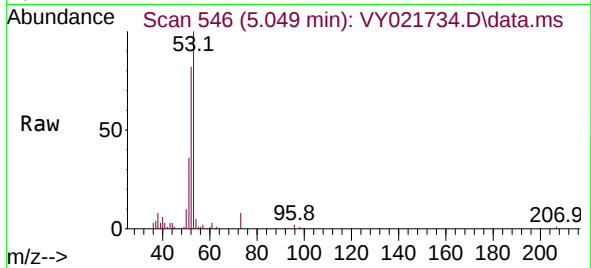




#15
Acrylonitrile
Concen: 99.530 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

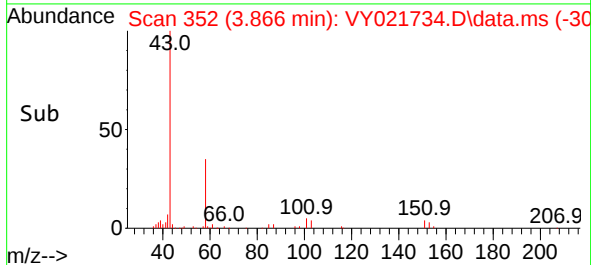
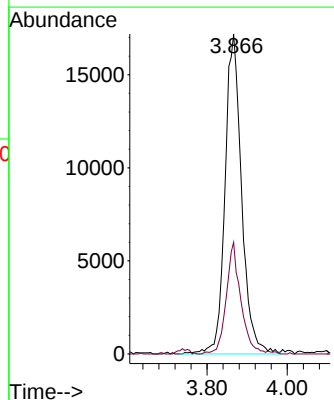
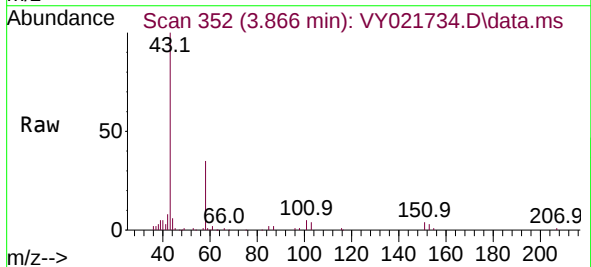
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

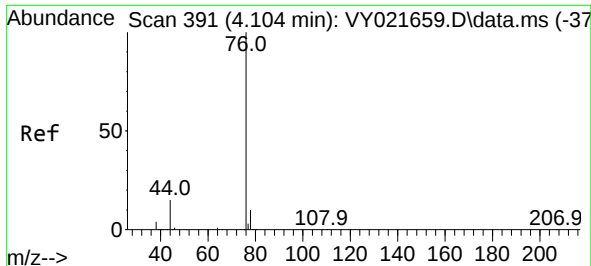
Tgt Ion:	53	Resp:	59619
Ion	Ratio	Lower	Upper
53	100		
52	81.2	64.9	97.3
51	37.6	30.2	45.2



#16
Acetone
Concen: 89.316 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion:	43	Resp:	49484
Ion	Ratio	Lower	Upper
43	100		
58	34.9	24.2	36.4

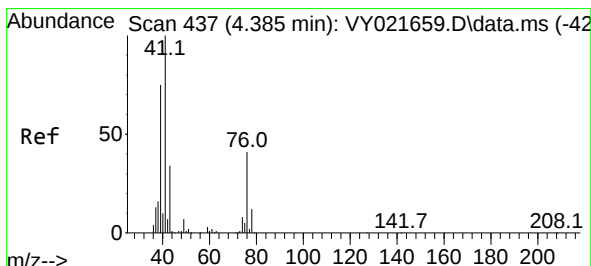
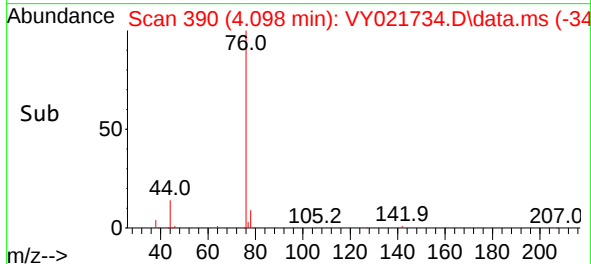
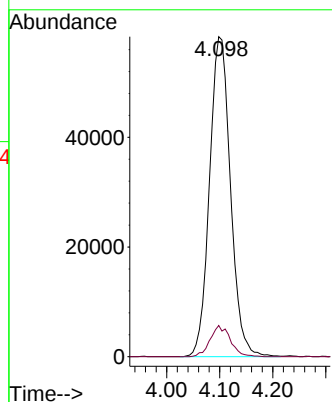
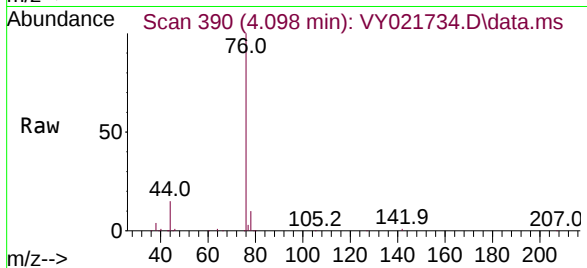




#17
Carbon Disulfide
Concen: 18.563 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

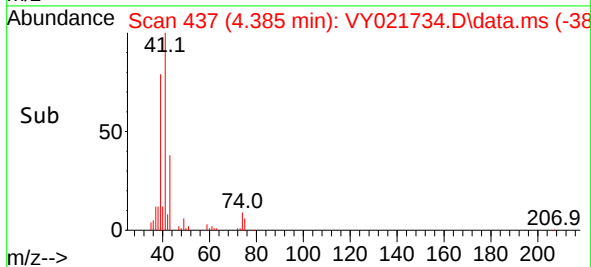
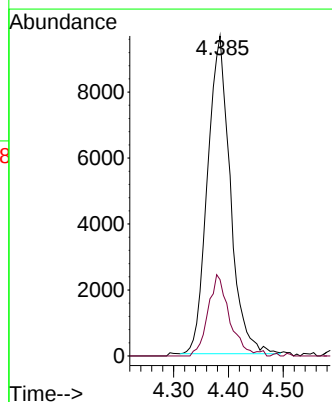
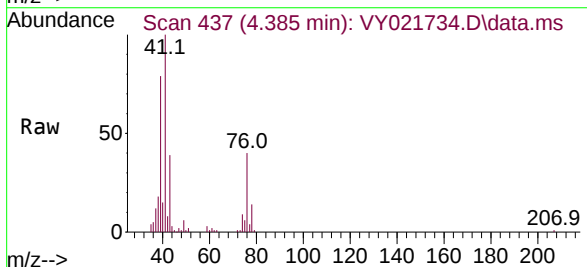
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

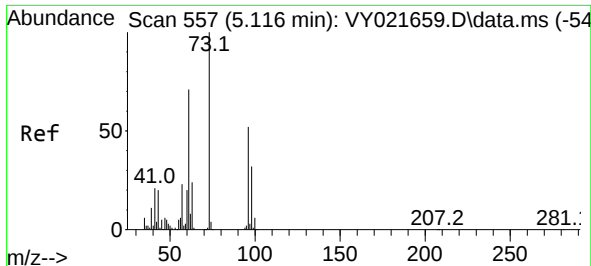
Tgt Ion: 76 Resp: 160237
Ion Ratio Lower Upper
76 100
78 9.8 7.6 11.4



#18
Methyl Acetate
Concen: 20.194 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 43 Resp: 27729
Ion Ratio Lower Upper
43 100
74 23.9 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.999 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

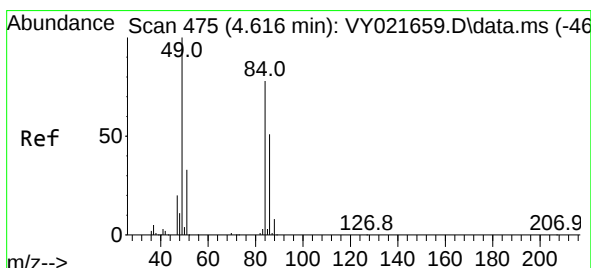
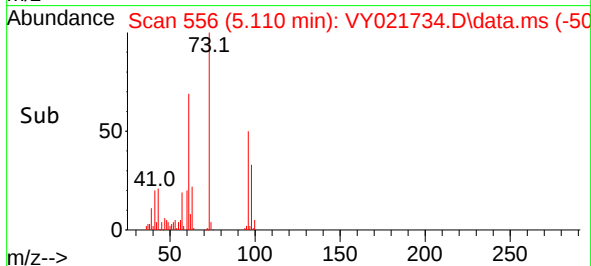
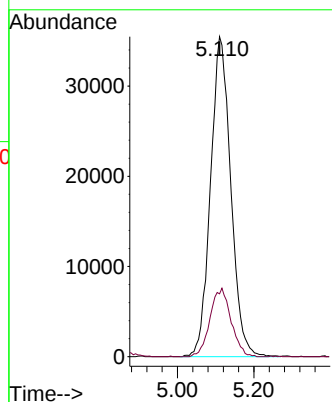
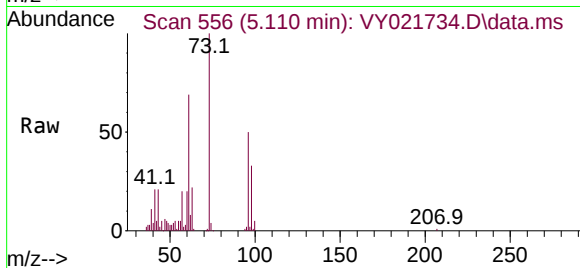
VY0401SBS01

Tgt Ion: 73 Resp: 130488

Ion Ratio Lower Upper

73 100

57 19.7 18.1 27.1



#20

Methylene Chloride

Concen: 20.229 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Tgt Ion: 84 Resp: 61085

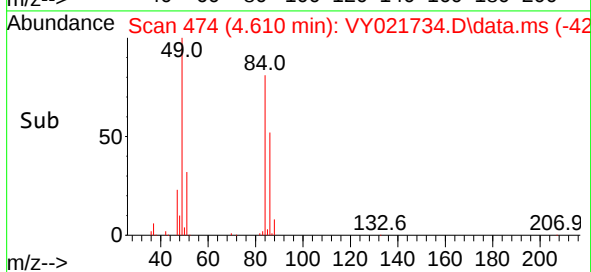
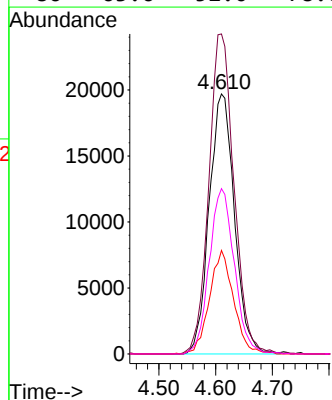
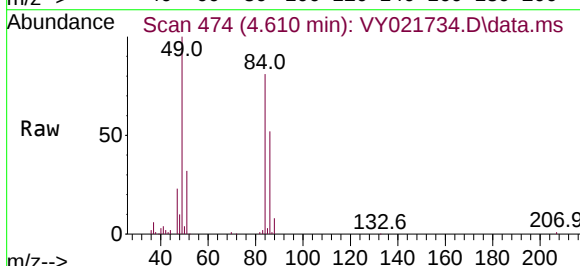
Ion Ratio Lower Upper

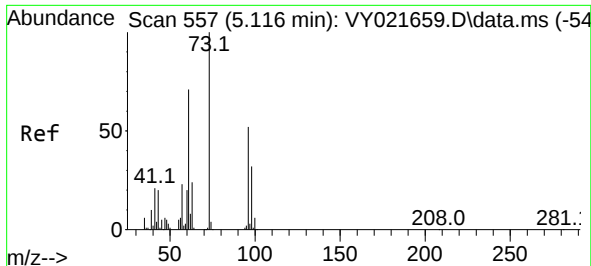
84 100

49 123.1 102.8 154.2

51 39.8 33.5 50.3

86 63.6 52.0 78.0

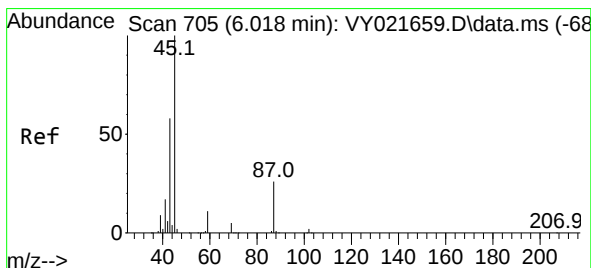
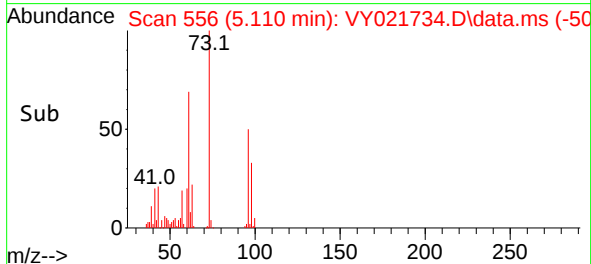
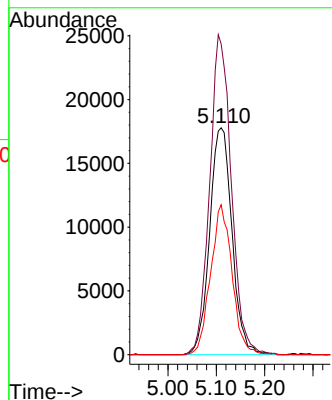
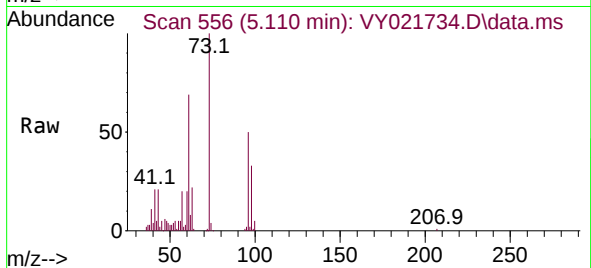




#21
trans-1,2-Dichloroethene
Concen: 19.819 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

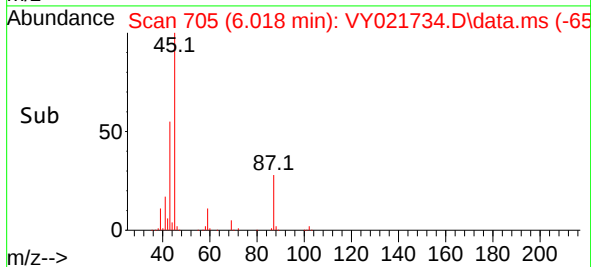
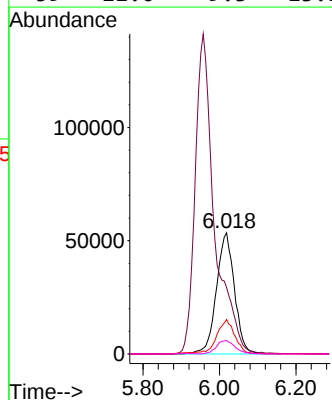
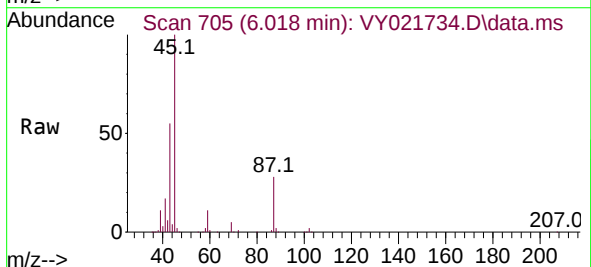
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

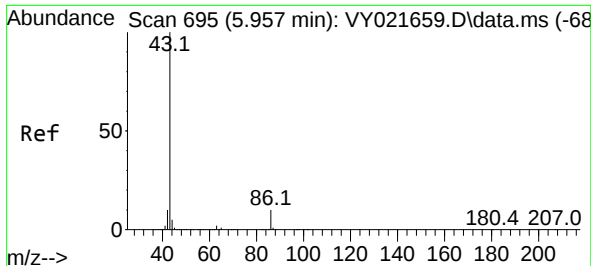
Tgt Ion: 96 Resp: 57189
Ion Ratio Lower Upper
96 100
61 136.9 109.4 164.0
98 66.0 50.2 75.2



#22
Diisopropyl ether
Concen: 20.049 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 45 Resp: 175740
Ion Ratio Lower Upper
45 100
43 54.6 46.6 69.8
87 28.3 20.7 31.1
59 11.0 9.3 13.9

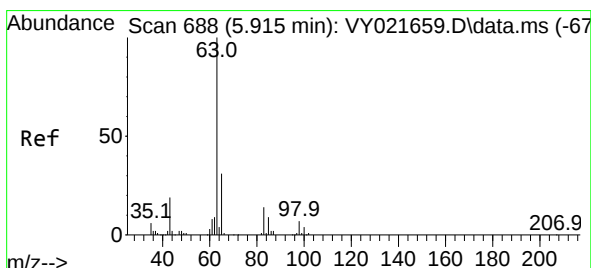
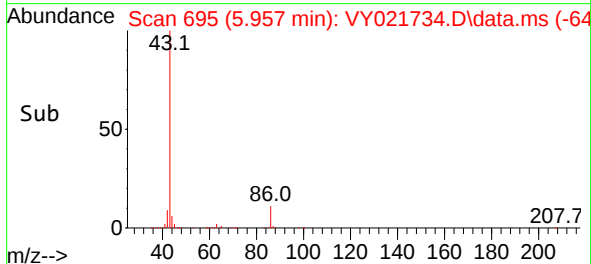
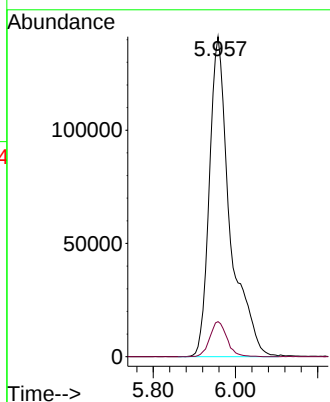
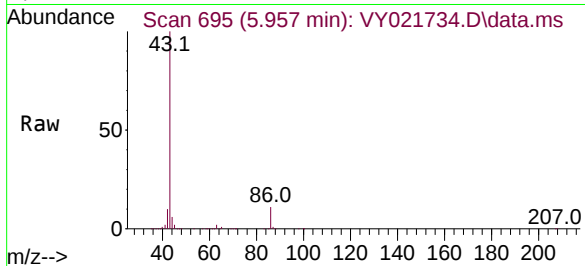




#23
 Vinyl Acetate
 Concen: 96.062 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021734.D
 Acq: 01 Apr 2025 11:52

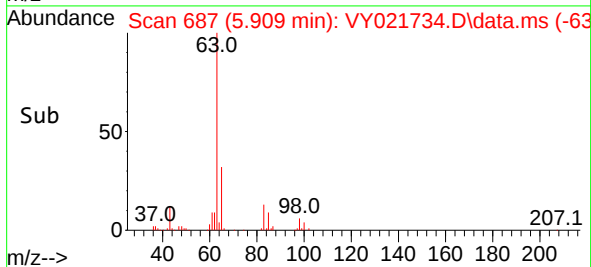
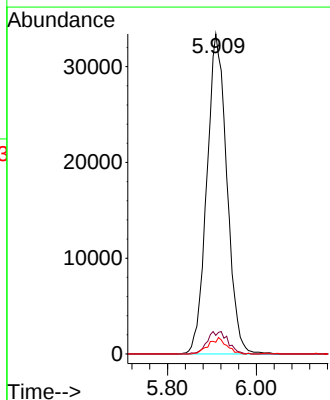
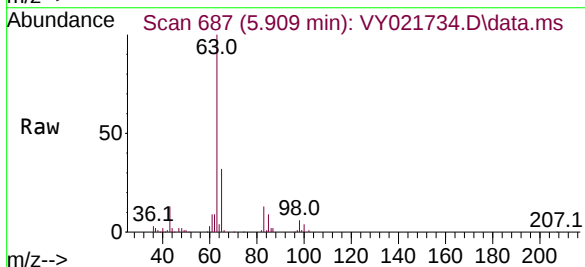
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

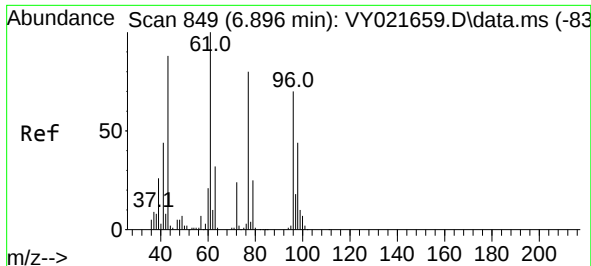
Tgt Ion: 43 Resp: 492587
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.989 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY021734.D
 Acq: 01 Apr 2025 11:52

Tgt Ion: 63 Resp: 104767
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.5 10.5
 100 3.7 2.2 6.6





#25

2-Butanone

Concen: 93.016 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

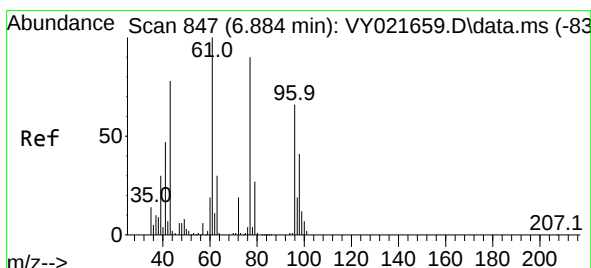
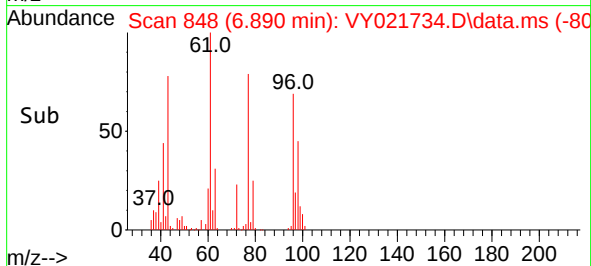
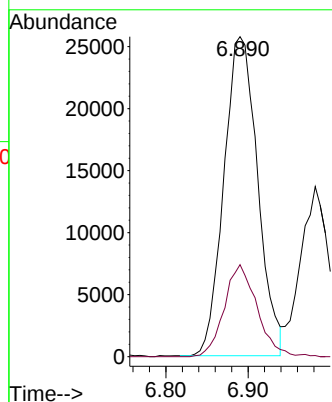
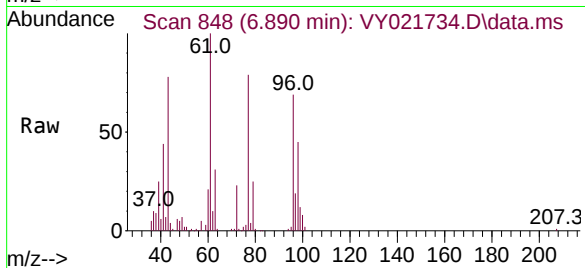
VY0401SBSD01

Tgt Ion: 43 Resp: 73607

Ion Ratio Lower Upper

43 100

72 28.8 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.530 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY021734.D

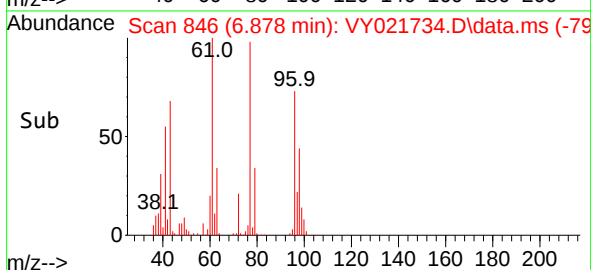
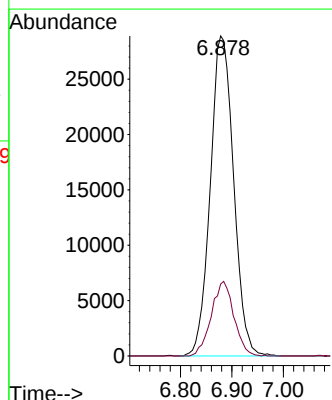
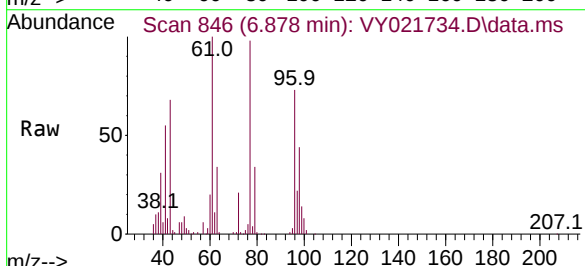
Acq: 01 Apr 2025 11:52

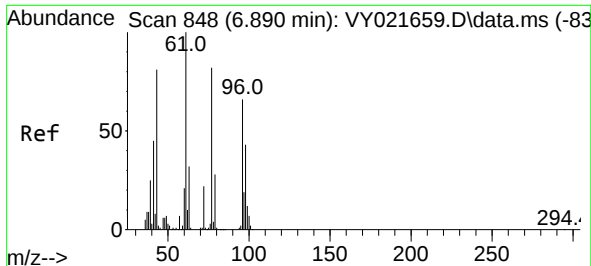
Tgt Ion: 77 Resp: 91056

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.150 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

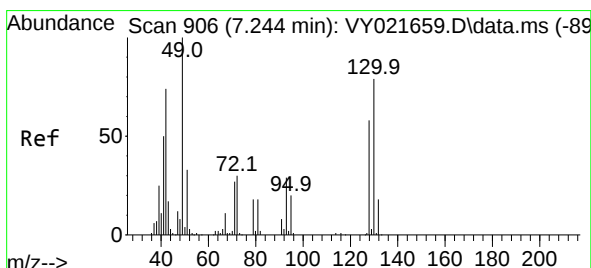
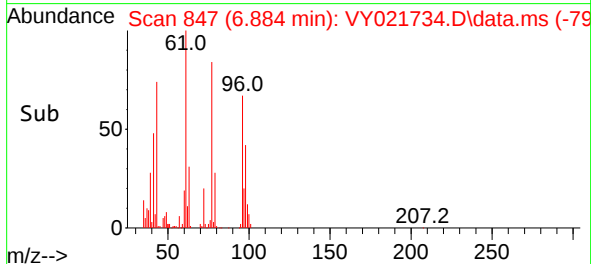
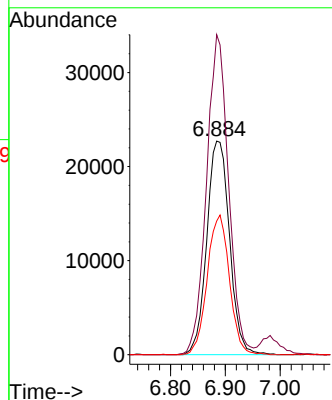
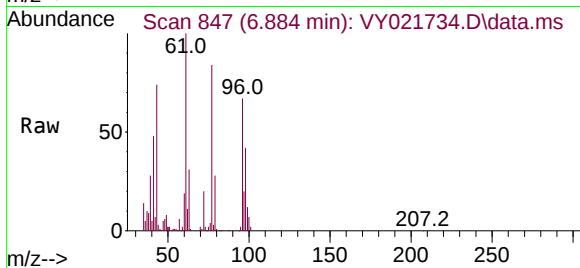
Tgt Ion: 96 Resp: 65387

Ion Ratio Lower Upper

96 100

61 145.1 0.0 296.4

98 63.9 0.0 128.0



#28

Bromochloromethane

Concen: 19.890 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

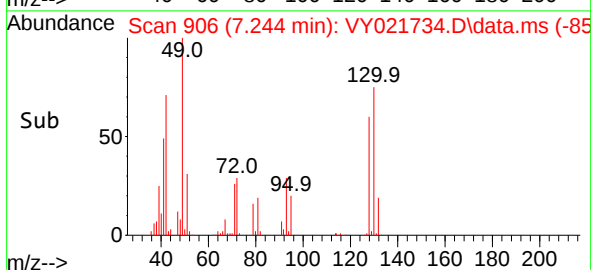
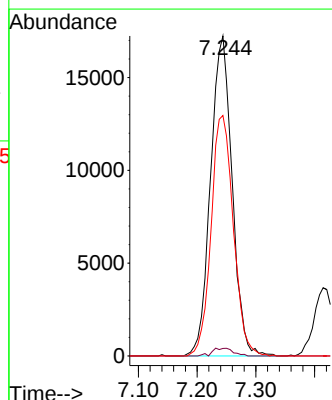
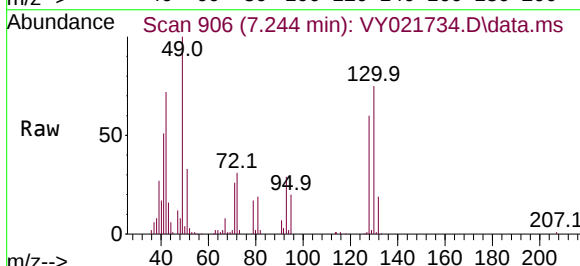
Tgt Ion: 49 Resp: 43966

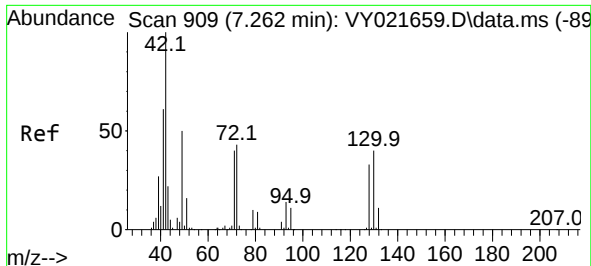
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 77.5 60.1 90.1





#29

Tetrahydrofuran

Concen: 95.348 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

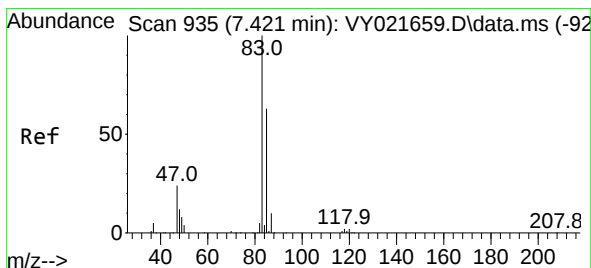
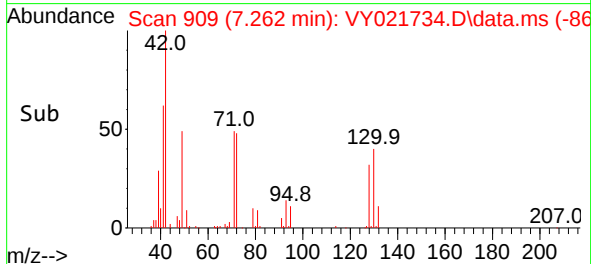
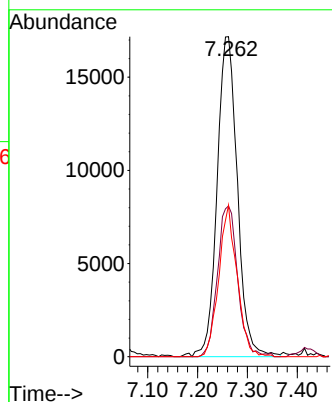
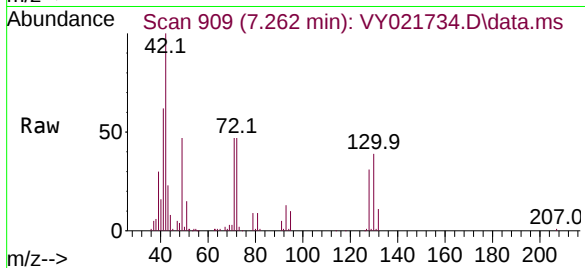
Tgt Ion: 42 Resp: 48560

Ion Ratio Lower Upper

42 100

72 47.0 34.6 52.0

71 42.6 32.5 48.7



#30

Chloroform

Concen: 20.162 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021734.D

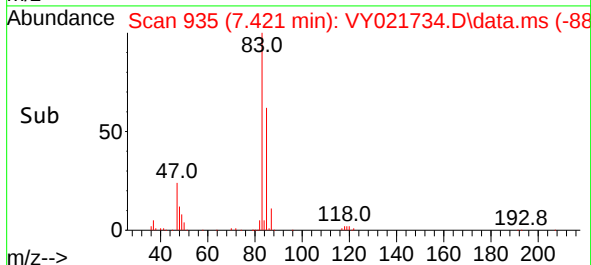
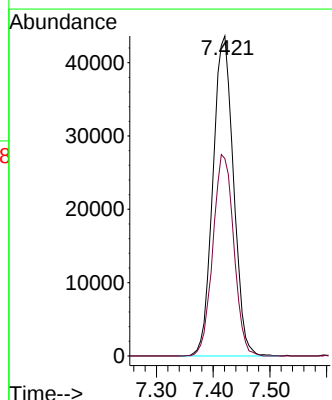
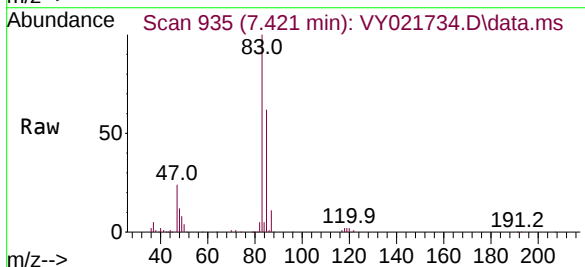
Acq: 01 Apr 2025 11:52

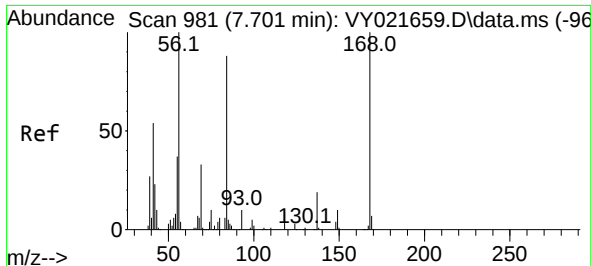
Tgt Ion: 83 Resp: 109913

Ion Ratio Lower Upper

83 100

85 61.7 50.6 75.8

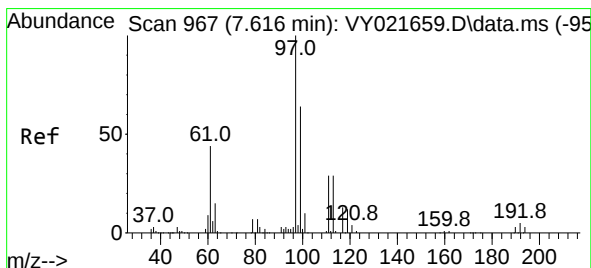
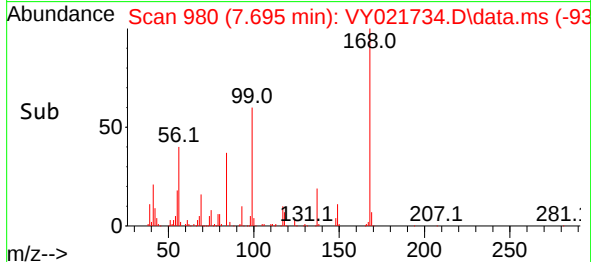
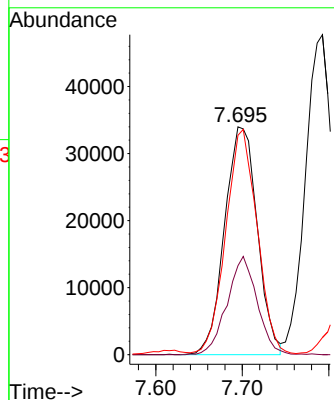
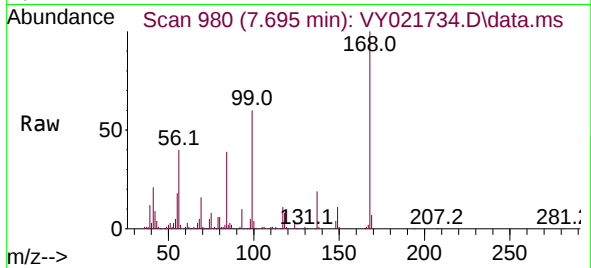




#31
Cyclohexane
Concen: 18.647 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

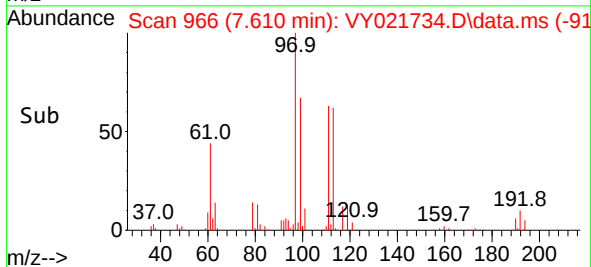
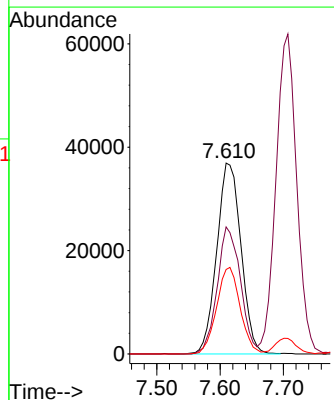
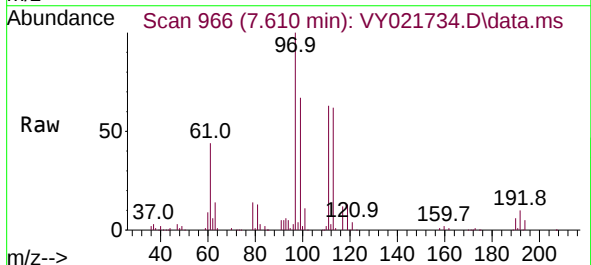
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

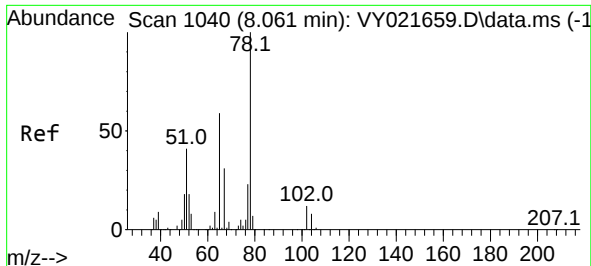
Tgt Ion: 56 Resp: 89093
Ion Ratio Lower Upper
56 100
69 39.1 26.6 40.0
84 95.0 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 19.945 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 97 Resp: 98271
Ion Ratio Lower Upper
97 100
99 63.6 50.7 76.1
61 43.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.781 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

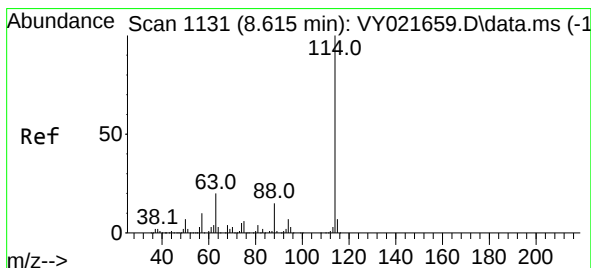
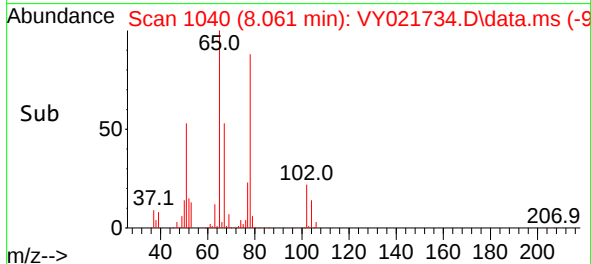
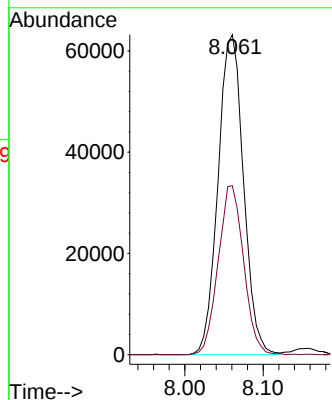
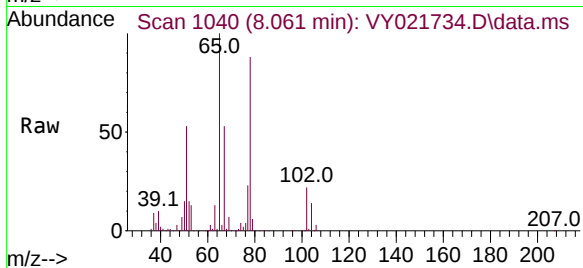
VY0401SBSD01

Tgt Ion: 65 Resp: 142882

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

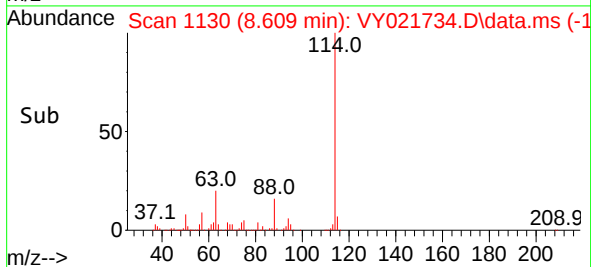
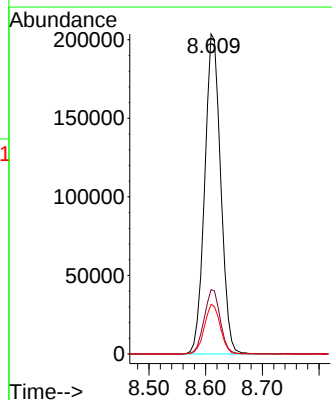
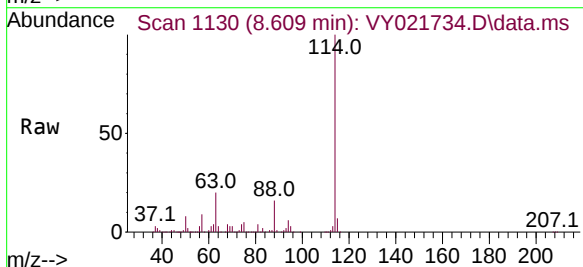
Tgt Ion: 114 Resp: 398654

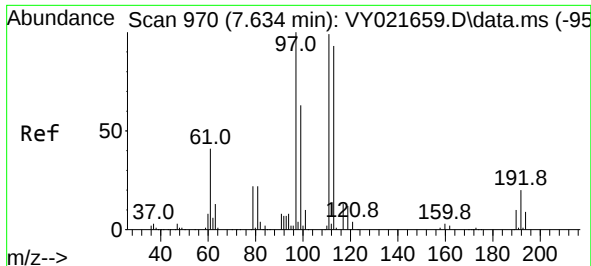
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 15.5 0.0 29.8

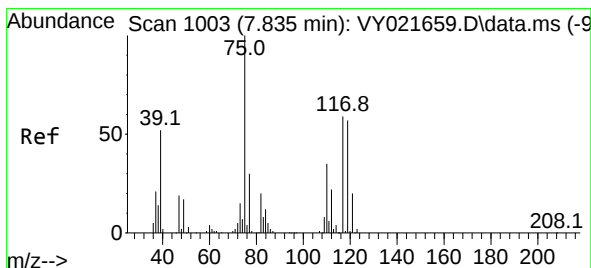
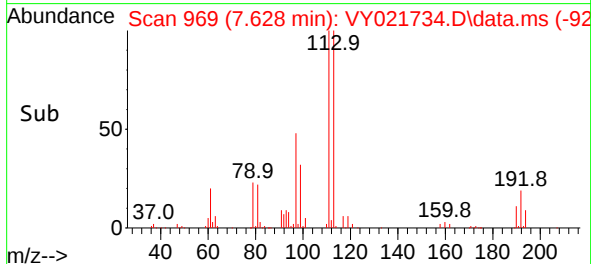
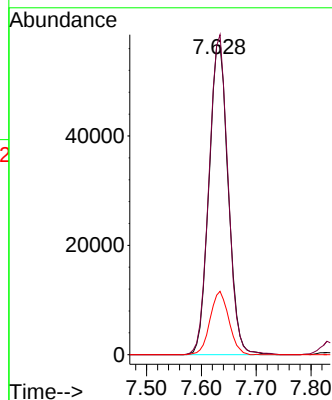
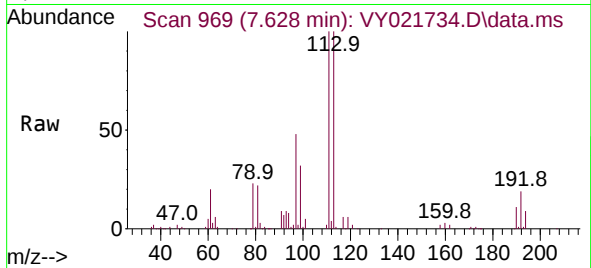




#35
Dibromofluoromethane
Concen: 53.589 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

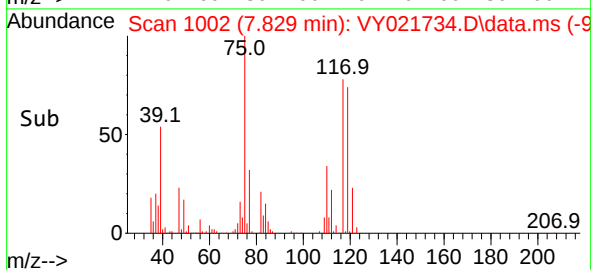
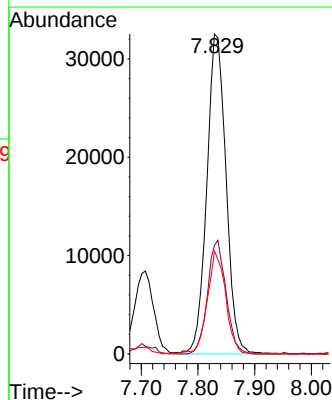
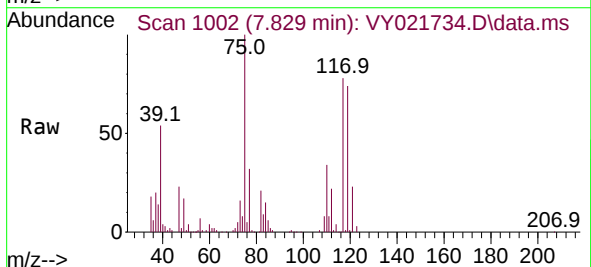
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

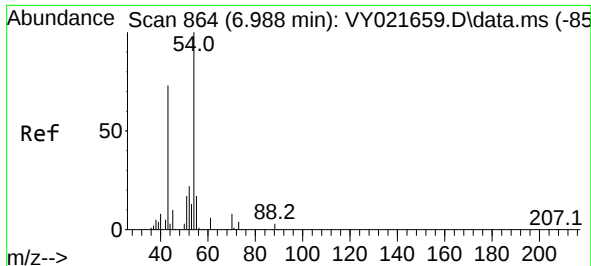
Tgt Ion:113 Resp: 138581
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 19.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.523 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 75 Resp: 76899
Ion Ratio Lower Upper
75 100
110 34.0 17.0 50.9
77 30.7 24.8 37.2





#37

Ethyl Acetate

Concen: 19.072 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBS01

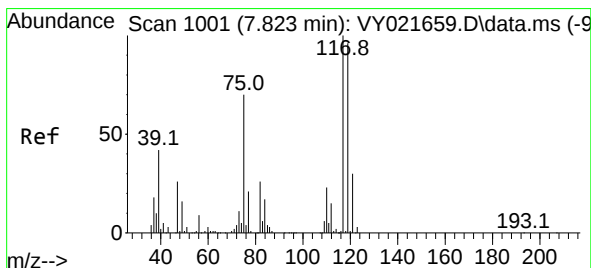
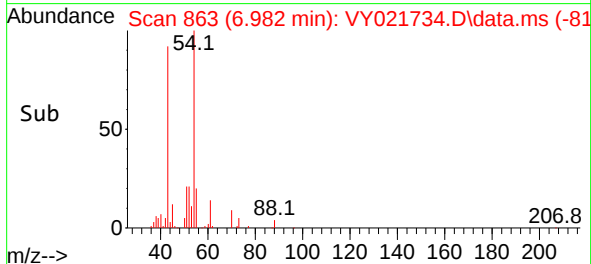
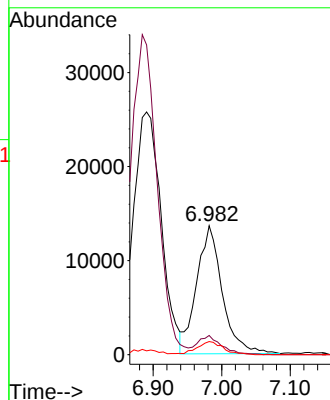
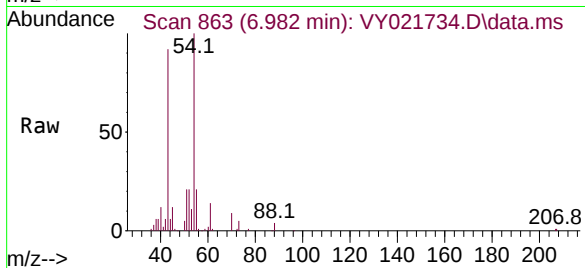
Tgt Ion: 43 Resp: 35453

Ion Ratio Lower Upper

43 100

61 14.1 11.0 16.6

70 10.5 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.748 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

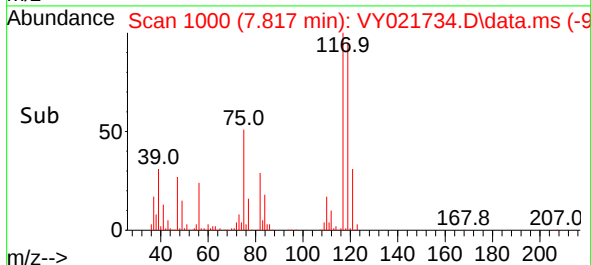
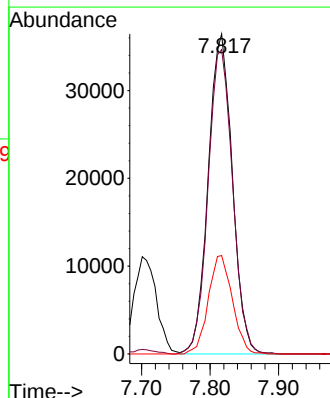
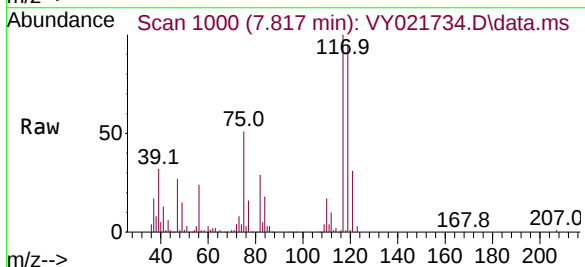
Tgt Ion: 117 Resp: 89090

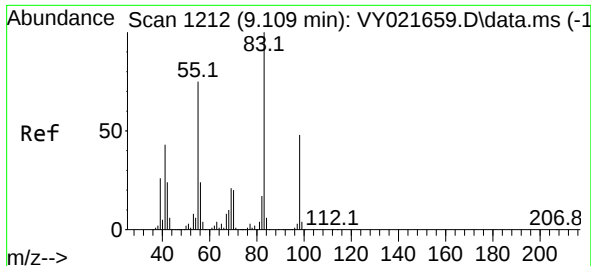
Ion Ratio Lower Upper

117 100

119 95.1 76.2 114.4

121 30.7 24.2 36.4

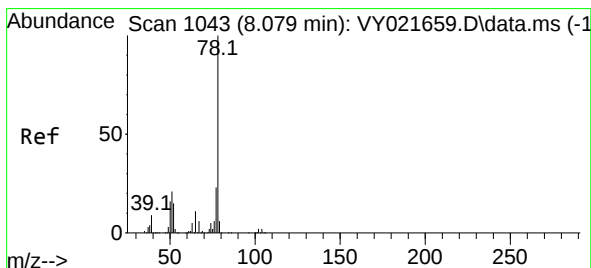
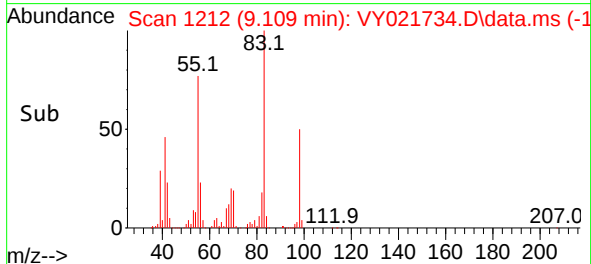
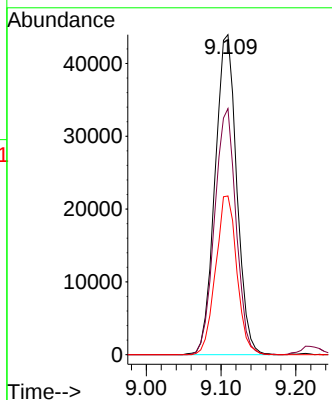
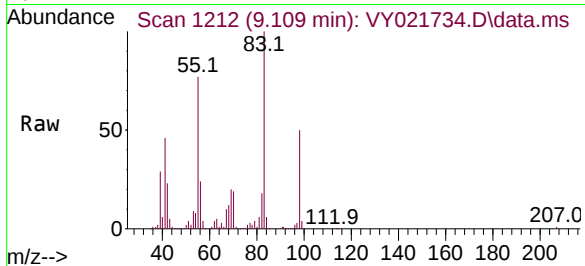




#39
Methylcyclohexane
Concen: 18.902 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

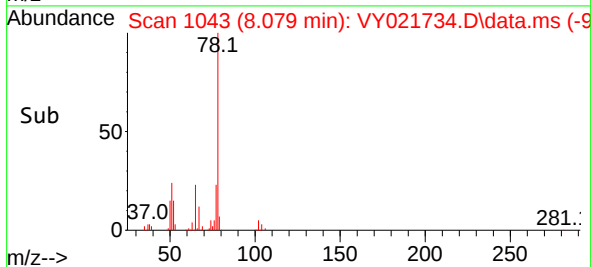
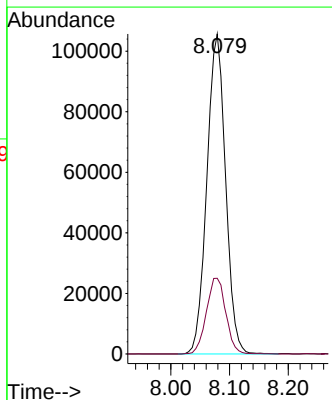
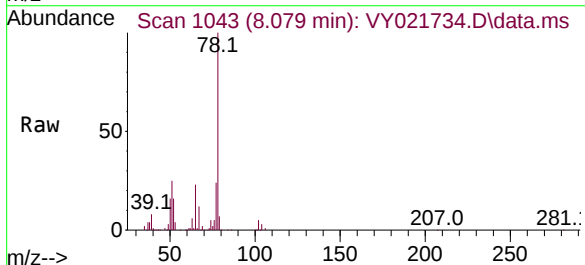
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

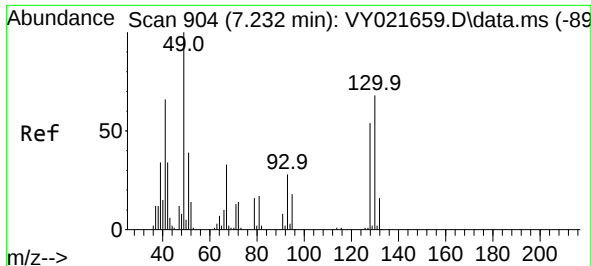
Tgt Ion: 83 Resp: 88943
Ion Ratio Lower Upper
83 100
55 76.9 59.7 89.5
98 49.6 38.3 57.5



#40
Benzene
Concen: 19.790 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 78 Resp: 233440
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

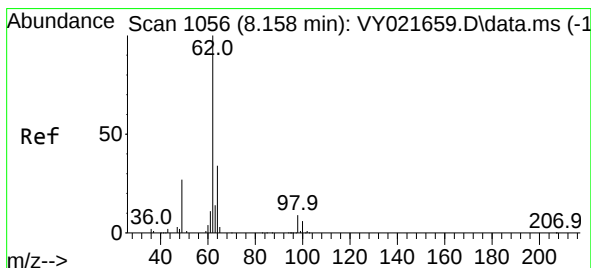
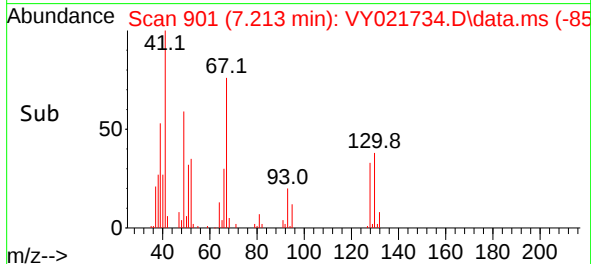
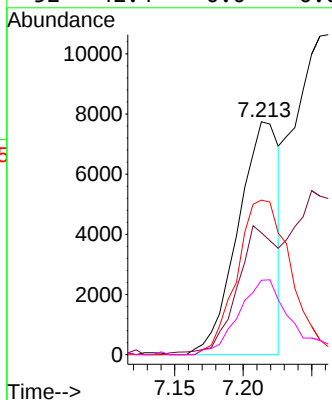
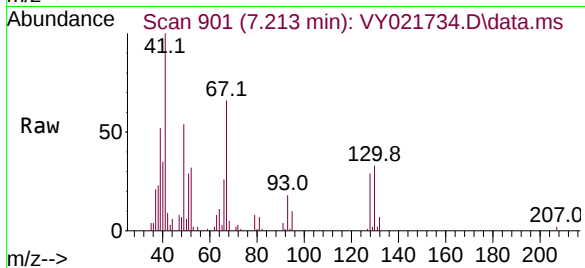




#41
Methacrylonitrile
Concen: 16.245 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

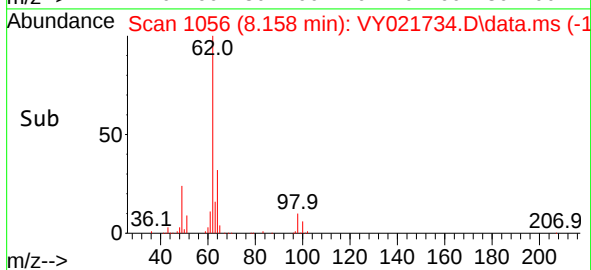
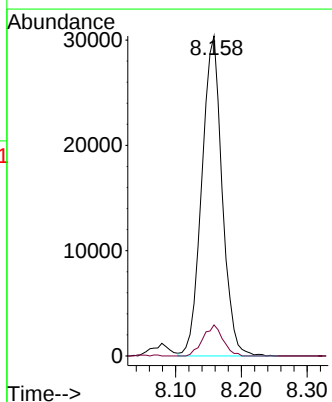
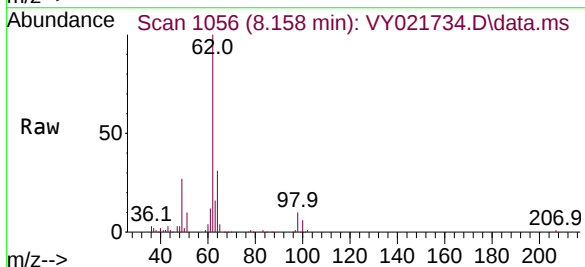
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

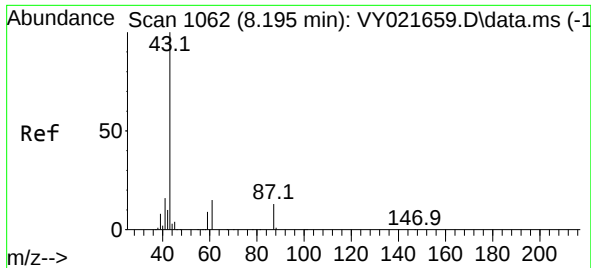
Tgt Ion: 41 Resp: 16037
Ion Ratio Lower Upper
41 100
39 53.9 0.0 0.0#
67 88.8 0.0 0.0#
52 42.4 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.688 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 62 Resp: 65473
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4

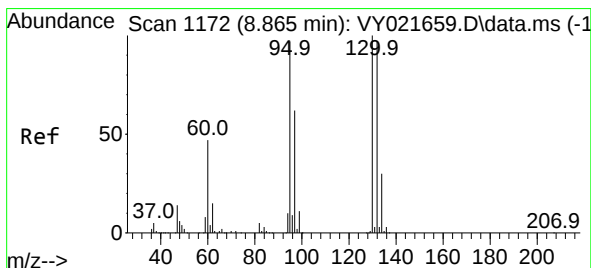
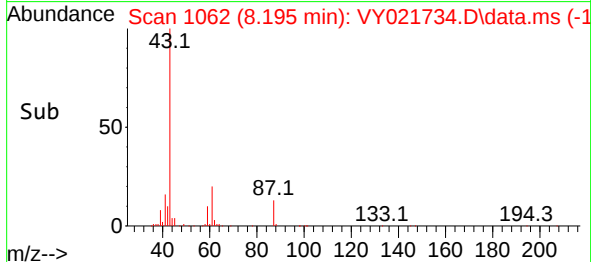
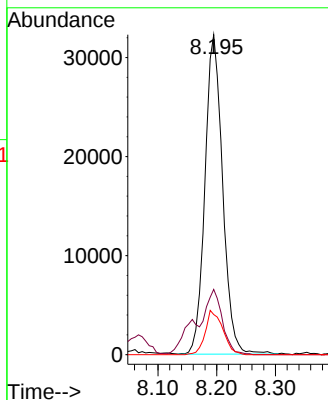
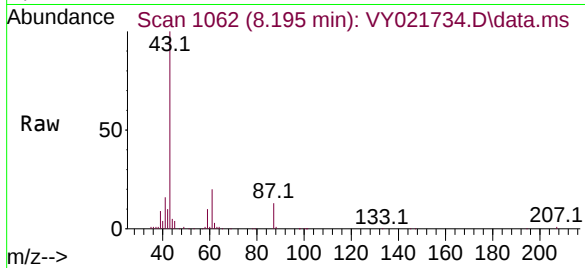




#43
Isopropyl Acetate
Concen: 19.156 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

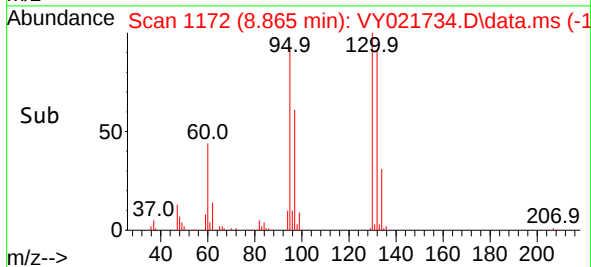
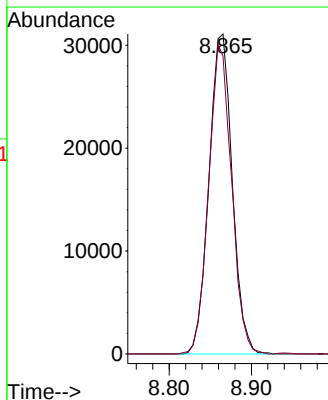
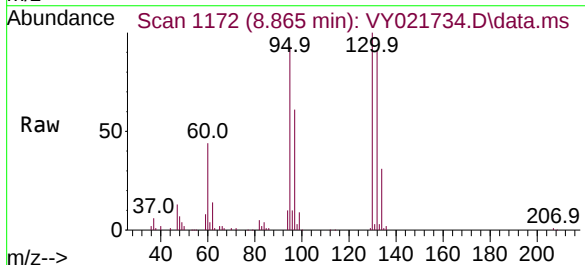
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

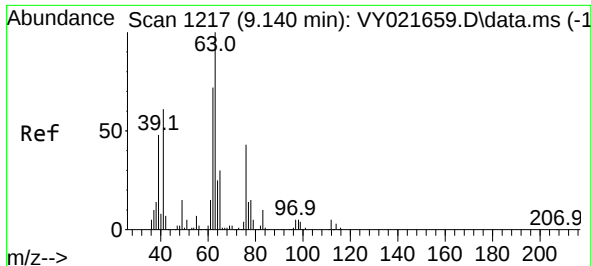
Tgt Ion: 43 Resp: 67482
Ion Ratio Lower Upper
43 100
61 19.7 15.9 23.9
87 13.7 10.4 15.6



#44
Trichloroethene
Concen: 20.326 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 130 Resp: 61089
Ion Ratio Lower Upper
130 100
95 93.0 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.206 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

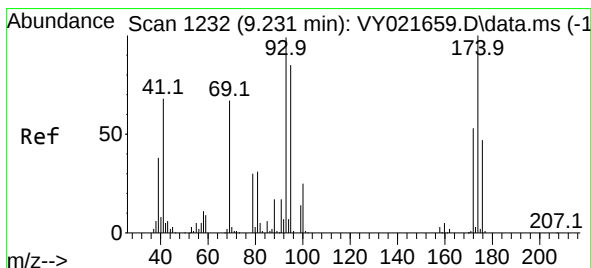
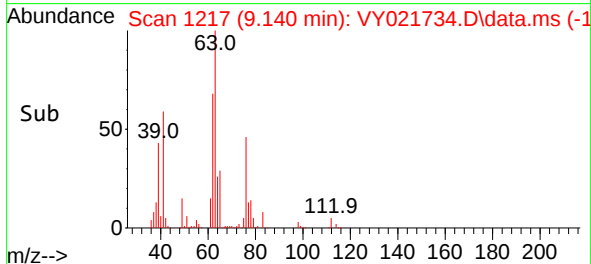
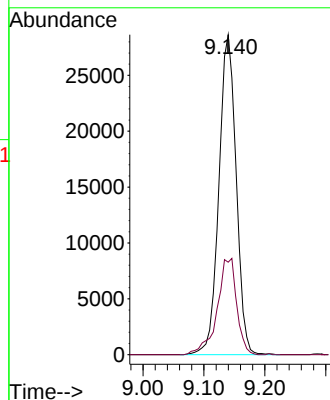
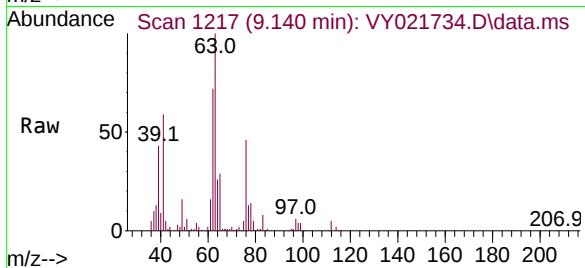
VY0401SBSD01

Tgt Ion: 63 Resp: 56418

Ion Ratio Lower Upper

63 100

65 28.9 24.4 36.6



#46

Dibromomethane

Concen: 19.734 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

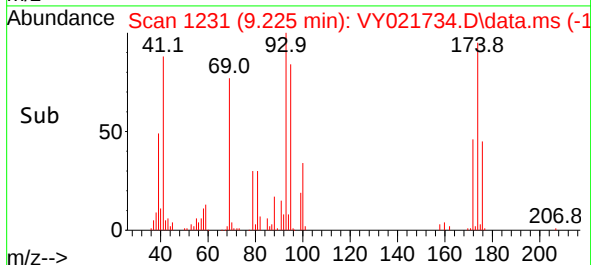
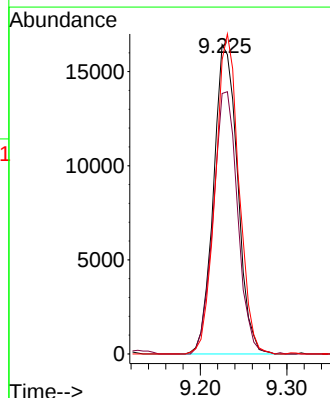
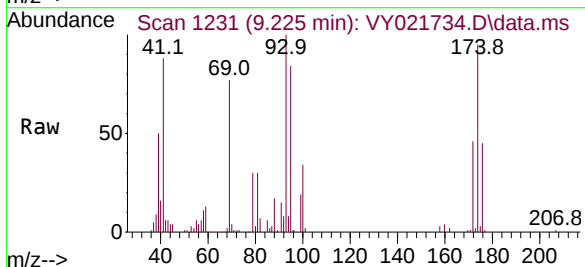
Tgt Ion: 93 Resp: 31756

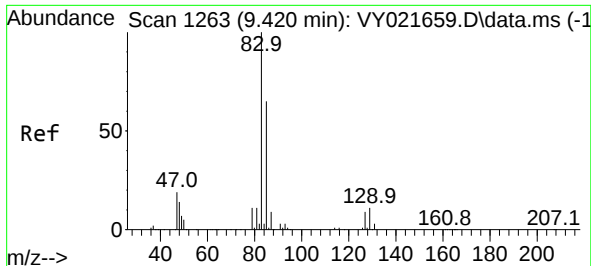
Ion Ratio Lower Upper

93 100

95 85.6 68.1 102.1

174 100.9 80.9 121.3

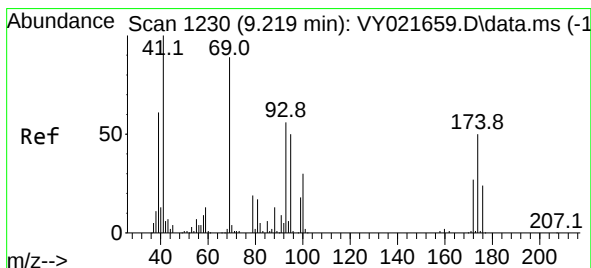
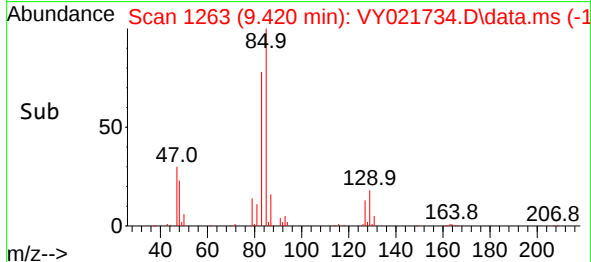
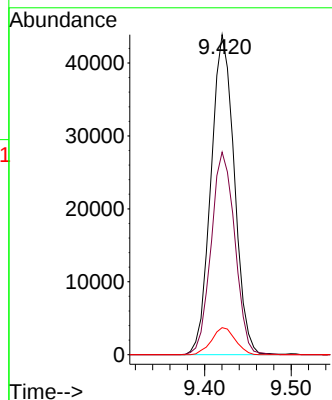
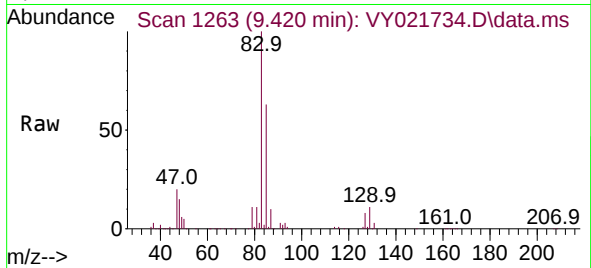




#47
Bromodichloromethane
Concen: 19.738 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

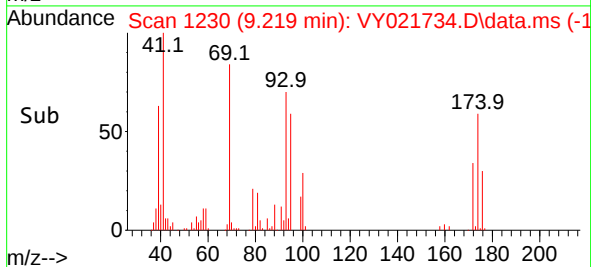
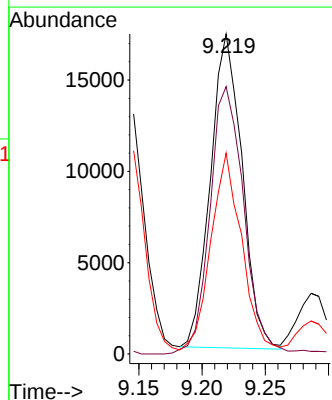
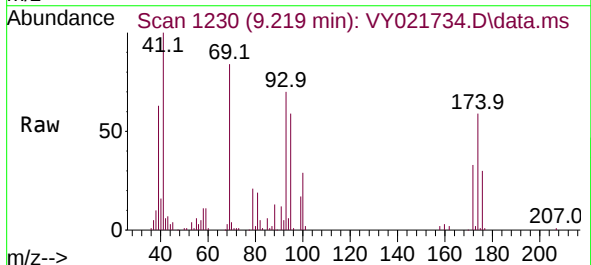
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

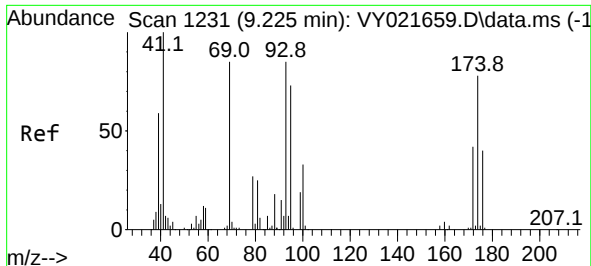
Tgt Ion: 83 Resp: 82304
Ion Ratio Lower Upper
83 100
85 63.3 51.8 77.6
127 8.4 6.8 10.2



#48
Methyl methacrylate
Concen: 18.524 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 41 Resp: 29950
Ion Ratio Lower Upper
41 100
69 91.0 69.8 104.8
39 60.8 47.2 70.8

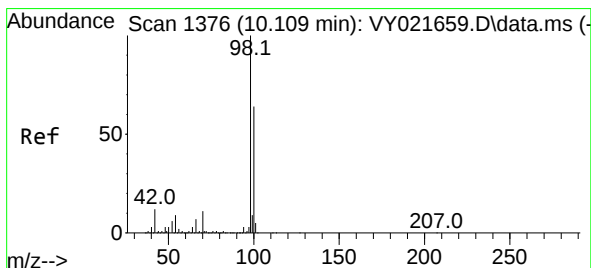
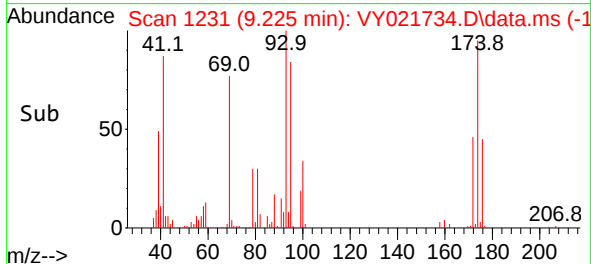
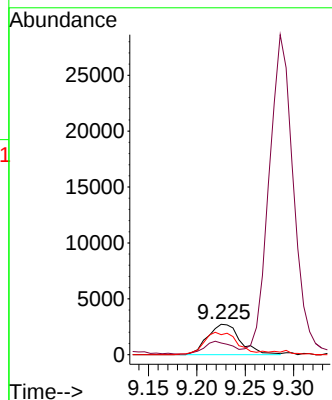
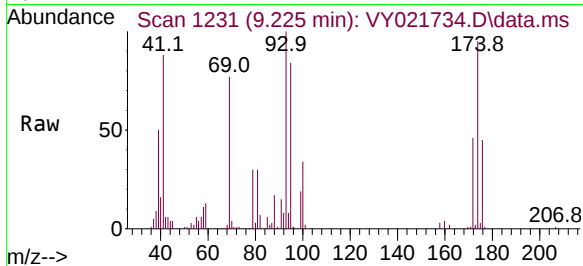




#49
1,4-Dioxane
Concen: 374.739 ug/l
RT: 9.225 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

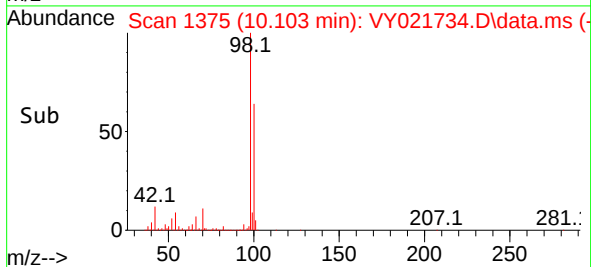
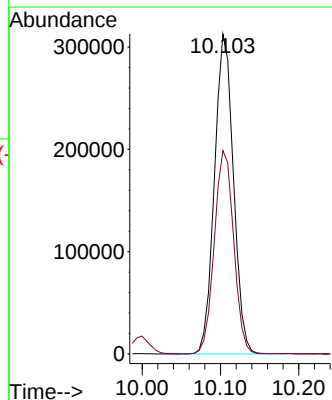
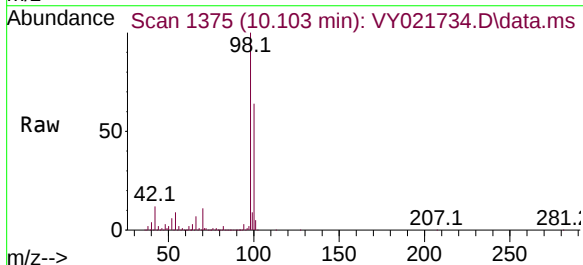
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

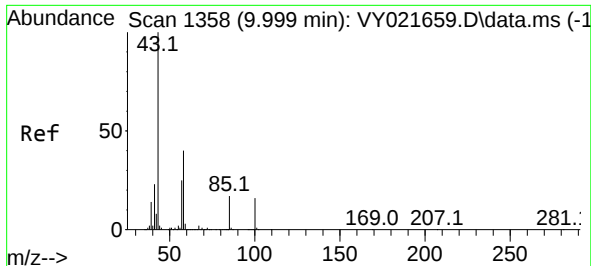
Tgt Ion: 88 Resp: 6460
Ion Ratio Lower Upper
88 100
43 34.2 28.8 43.2
58 73.1 59.4 89.2



#50
Toluene-d8
Concen: 53.535 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 98 Resp: 526671
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

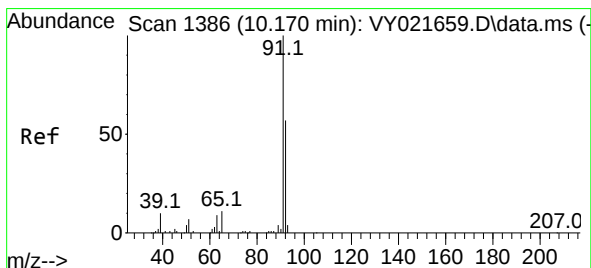
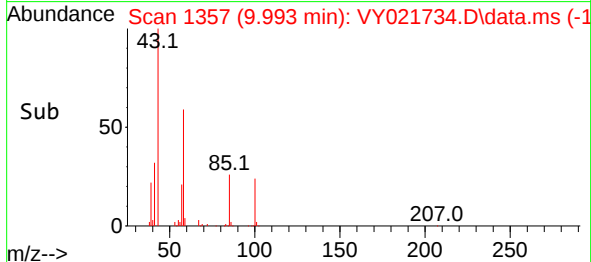
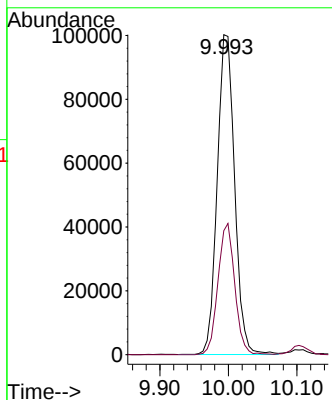
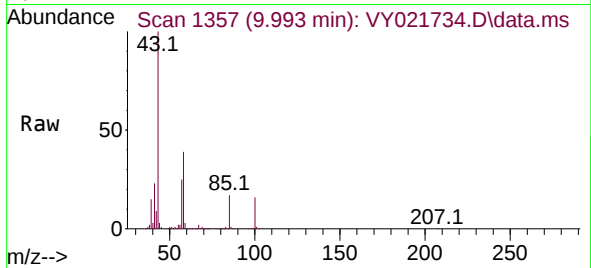




#51
4-Methyl-2-Pentanone
Concen: 96.202 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

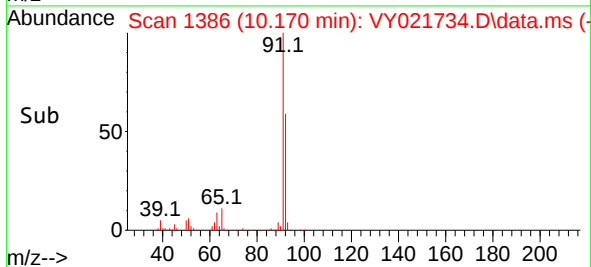
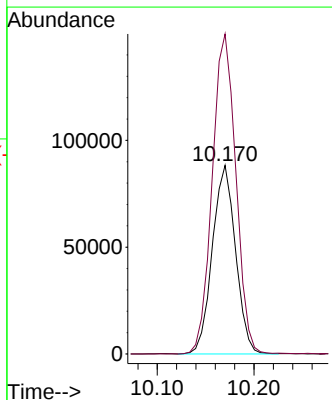
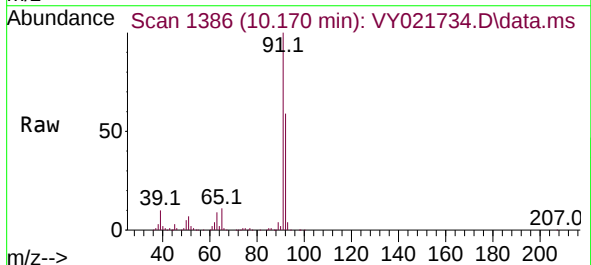
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

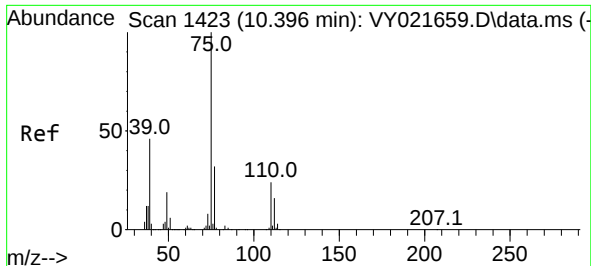
Tgt Ion: 43 Resp: 176364
Ion Ratio Lower Upper
43 100
58 39.6 31.5 47.3



#52
Toluene
Concen: 19.979 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 92 Resp: 147040
Ion Ratio Lower Upper
92 100
91 172.8 138.6 207.8

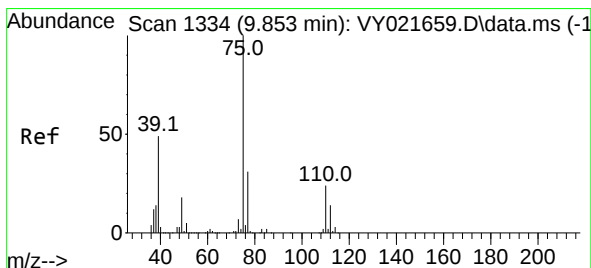
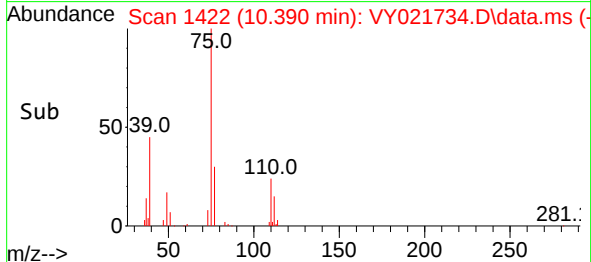
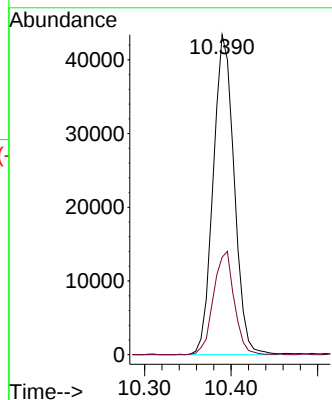
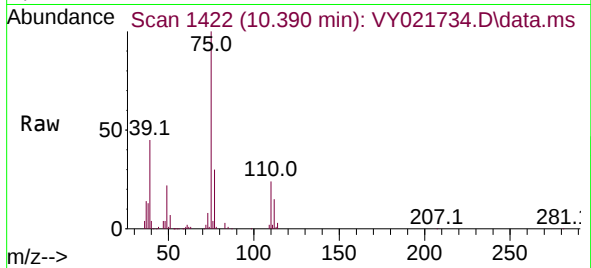




#53
t-1,3-Dichloropropene
Concen: 19.732 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

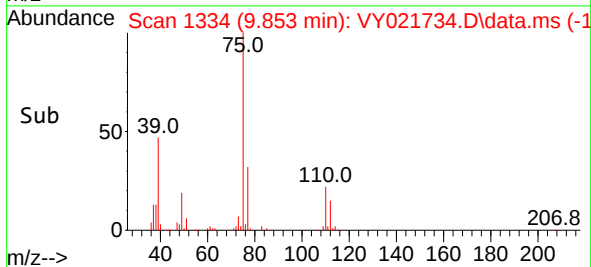
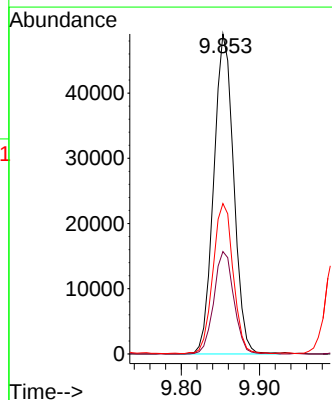
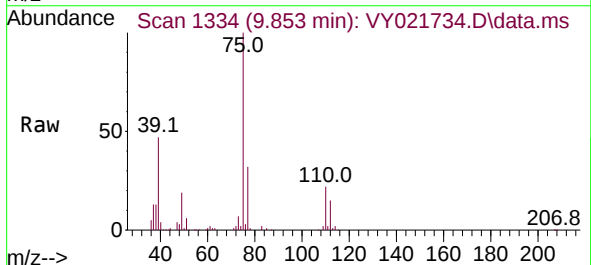
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

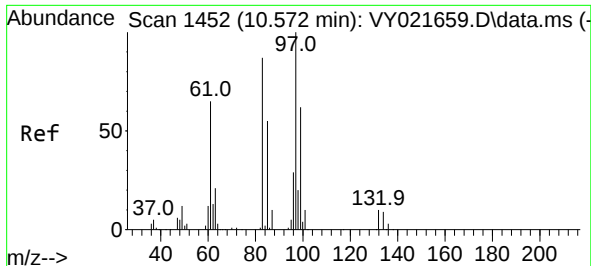
Tgt Ion: 75 Resp: 73080
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.871 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 75 Resp: 86823
Ion Ratio Lower Upper
75 100
77 32.0 24.9 37.3
39 46.9 39.2 58.8

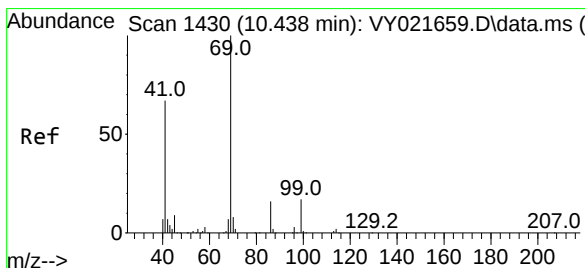
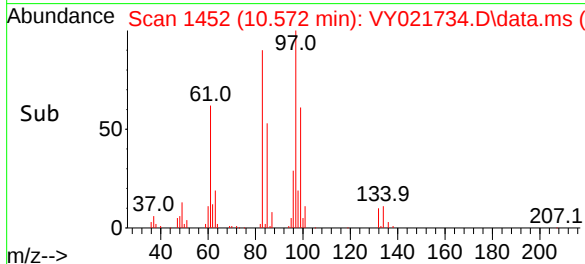
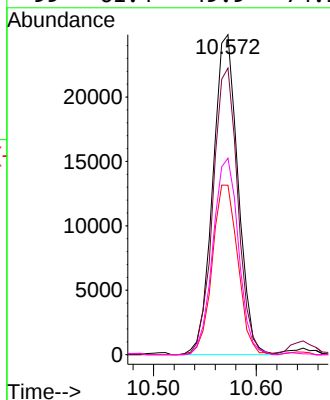
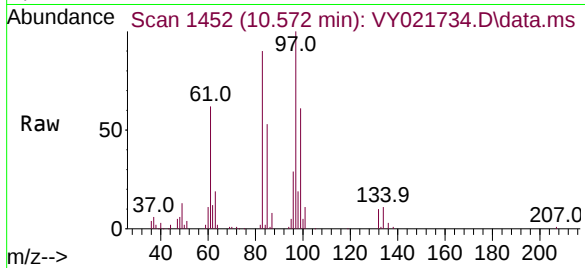




#55
1,1,2-Trichloroethane
Concen: 20.417 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

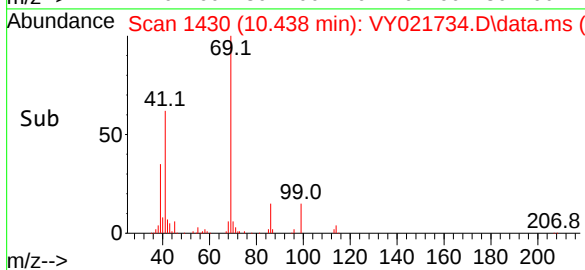
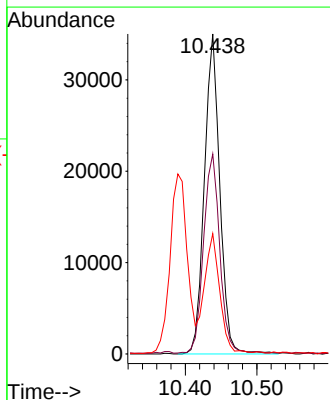
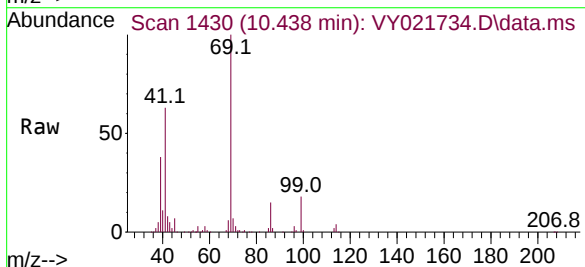
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

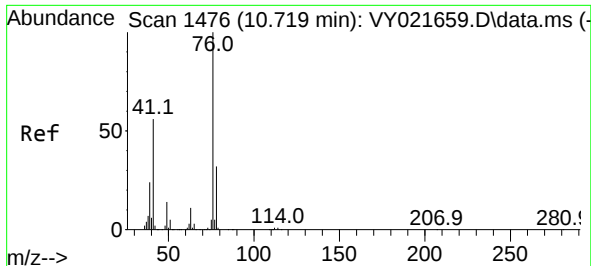
Tgt Ion:	97	Resp:	42280
Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.5	104.3
85	53.0	43.9	65.9
99	61.4	49.9	74.9



#56
Ethyl methacrylate
Concen: 19.877 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion:	69	Resp:	52559
Ion	Ratio	Lower	Upper
69	100		
41	64.8	53.8	80.6
39	36.9	29.6	44.4





#57

1,3-Dichloropropane

Concen: 19.882 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

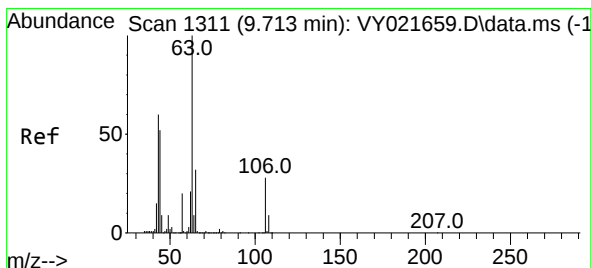
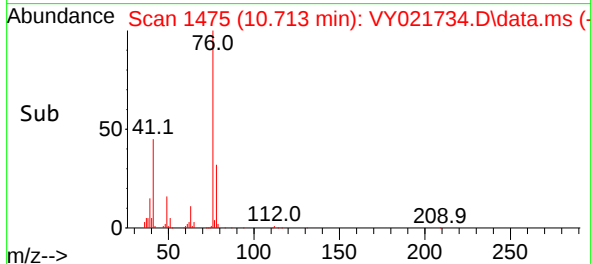
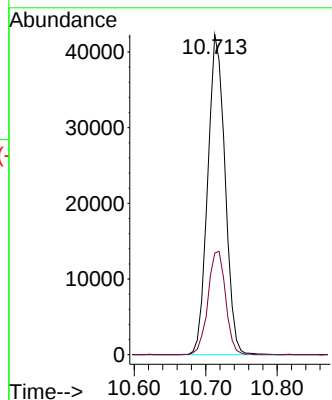
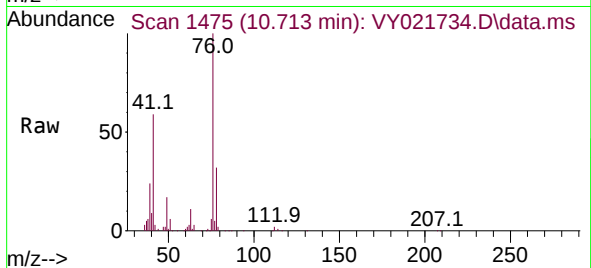
VY0401SBSD01

Tgt Ion: 76 Resp: 71109

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.375 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021734.D

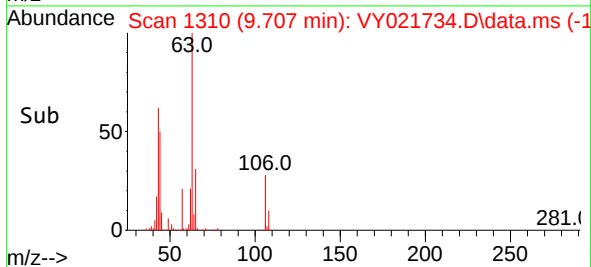
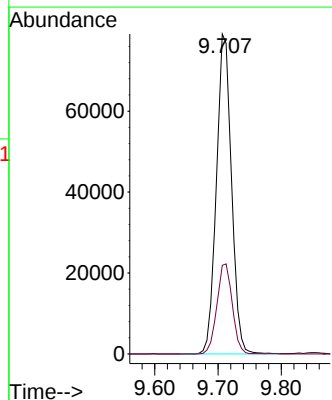
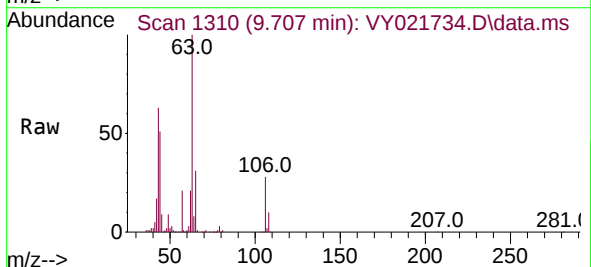
Acq: 01 Apr 2025 11:52

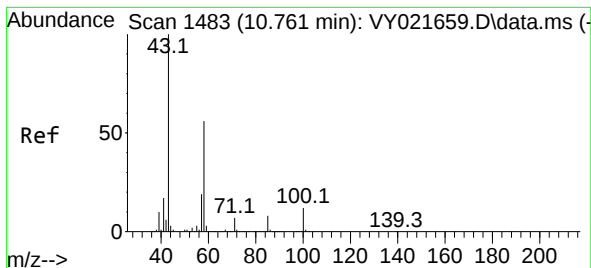
Tgt Ion: 63 Resp: 130768

Ion Ratio Lower Upper

63 100

106 28.6 22.4 33.6

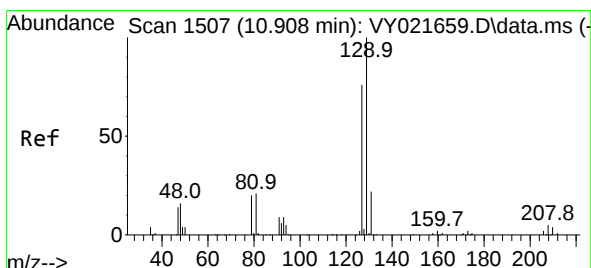
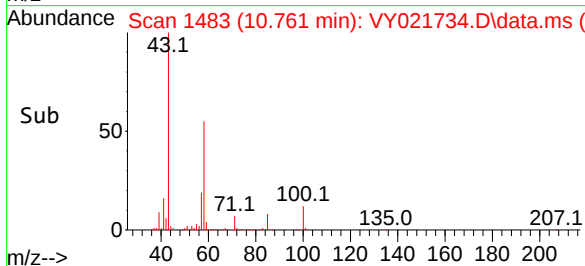
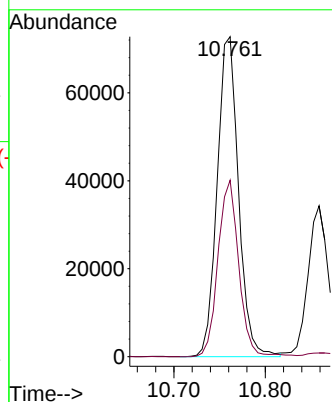
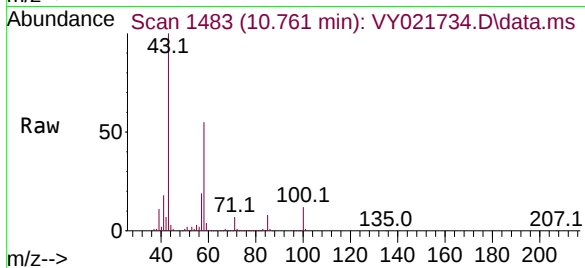




#59
2-Hexanone
Concen: 96.688 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

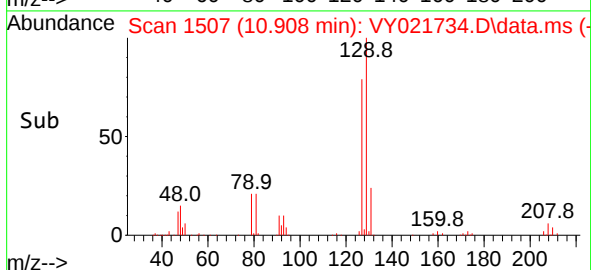
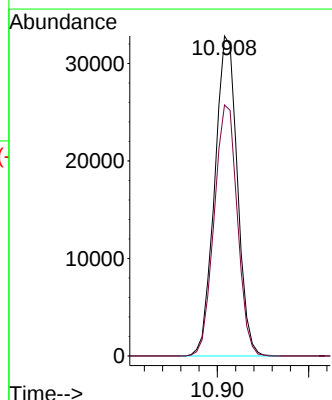
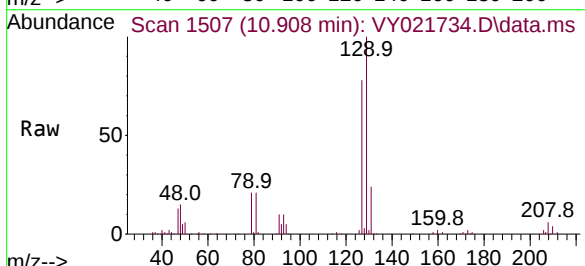
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

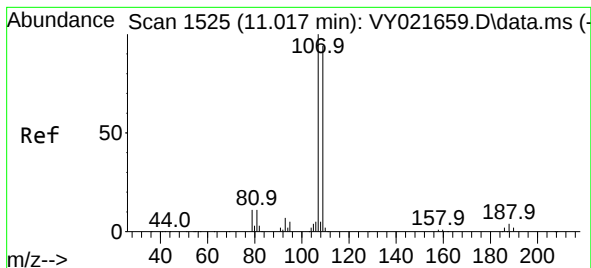
Tgt Ion: 43 Resp: 118049
Ion Ratio Lower Upper
43 100
58 53.9 27.2 81.5



#60
Dibromochloromethane
Concen: 19.982 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 129 Resp: 56498
Ion Ratio Lower Upper
129 100
127 80.1 38.6 115.7

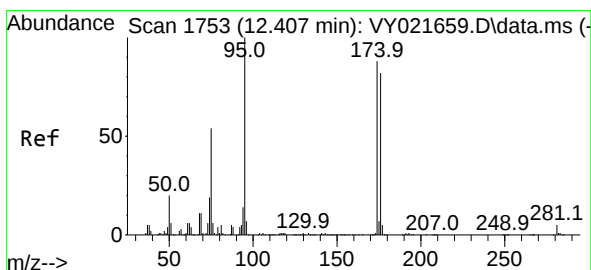
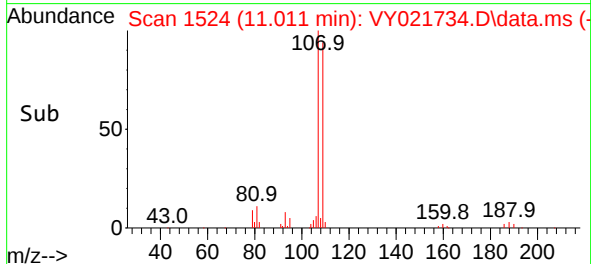
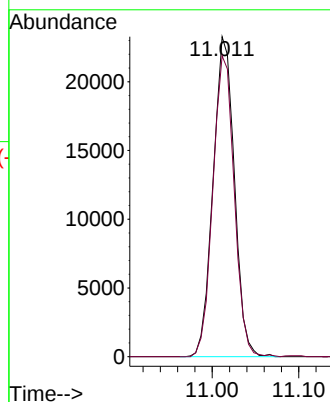
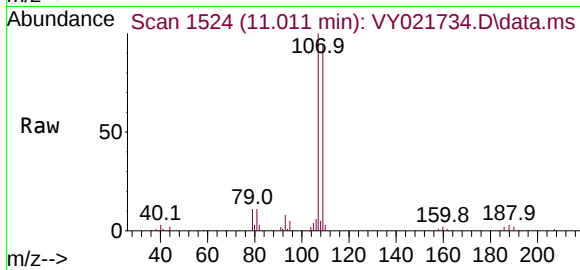




#61
1,2-Dibromoethane
Concen: 20.462 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

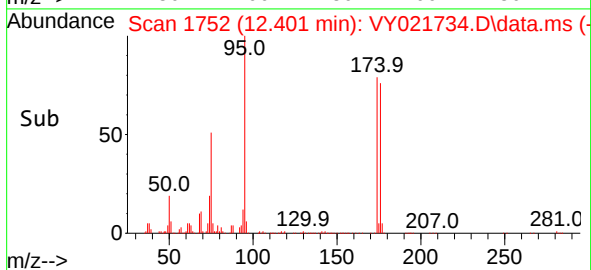
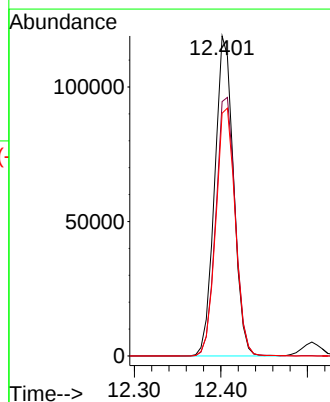
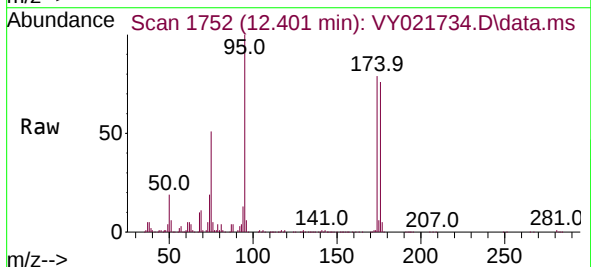
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

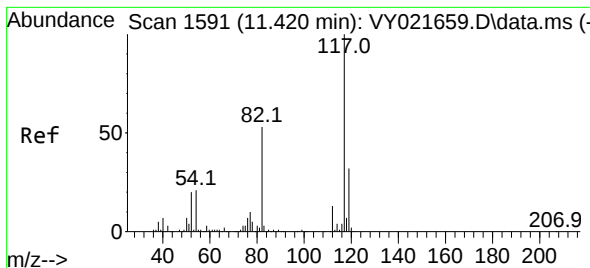
Tgt Ion:107 Resp: 39749
Ion Ratio Lower Upper
107 100
109 94.2 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 54.100 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 95 Resp: 180027
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.8
176 79.8 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

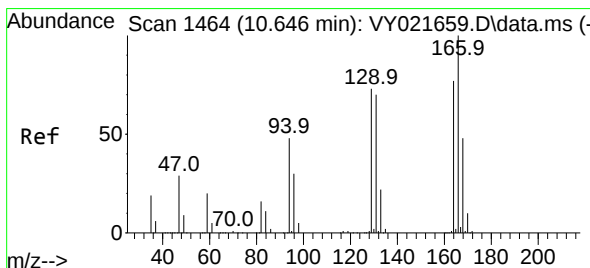
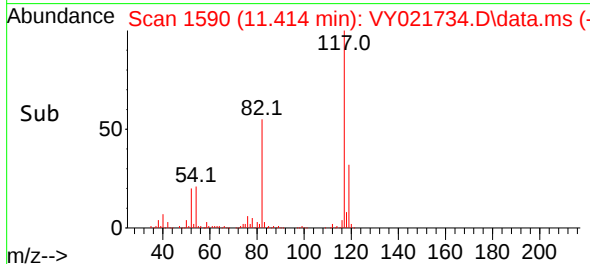
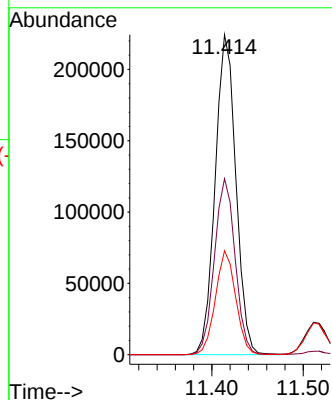
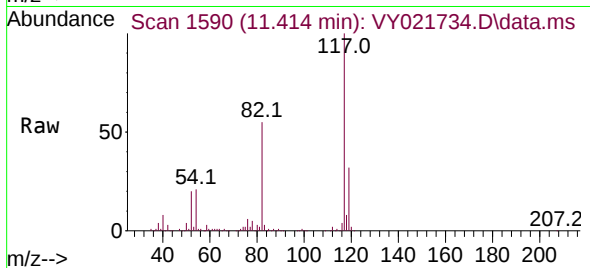
Tgt Ion:117 Resp: 353780

Ion Ratio Lower Upper

117 100

82 55.0 42.8 64.2

119 32.4 25.7 38.5



#64

Tetrachloroethene

Concen: 20.065 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Tgt Ion:164 Resp: 64652

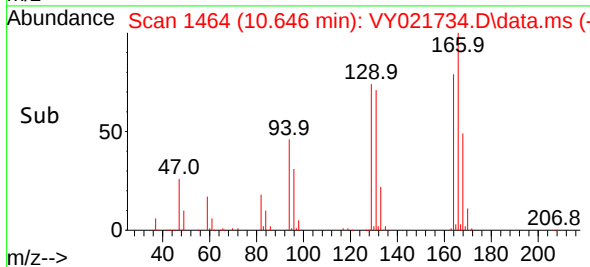
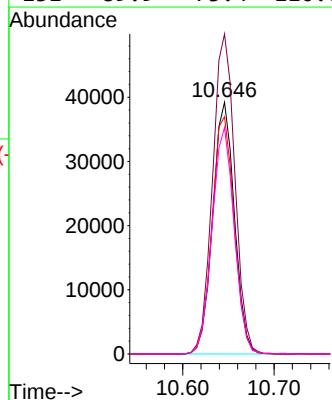
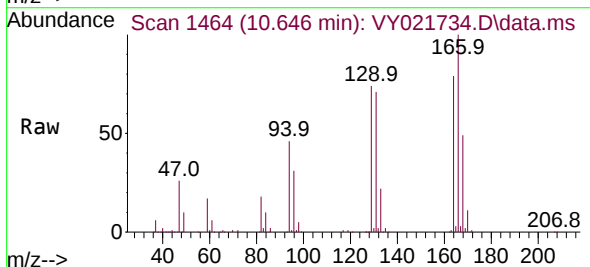
Ion Ratio Lower Upper

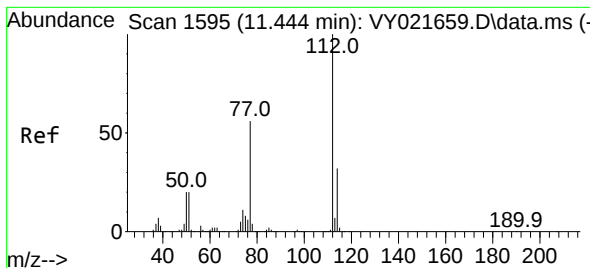
164 100

166 127.2 104.6 156.8

129 94.2 76.6 114.8

131 89.9 73.4 110.0





#65

Chlorobenzene

Concen: 19.841 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

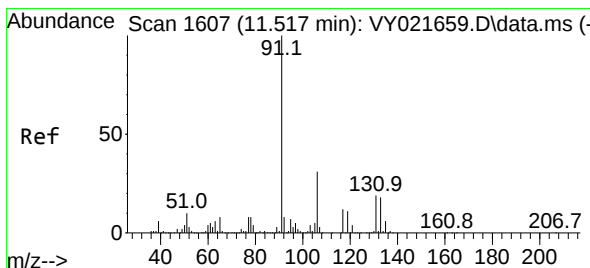
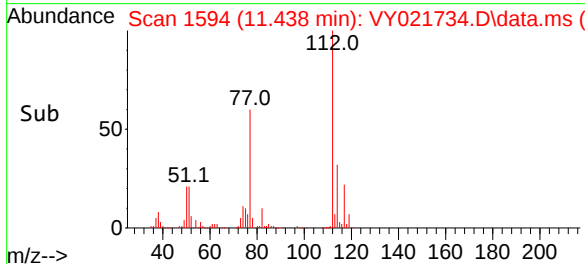
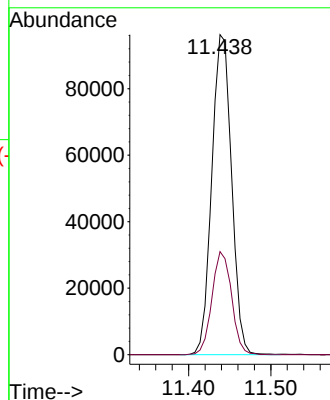
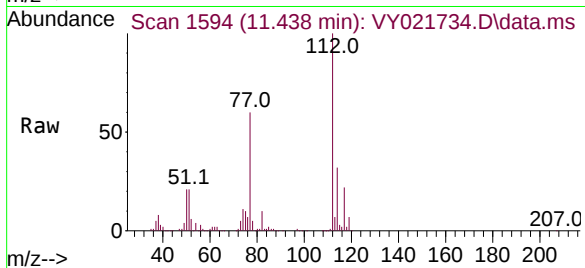
VY0401SBSD01

Tgt Ion:112 Resp: 160909

Ion Ratio Lower Upper

112 100

114 32.2 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 19.827 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

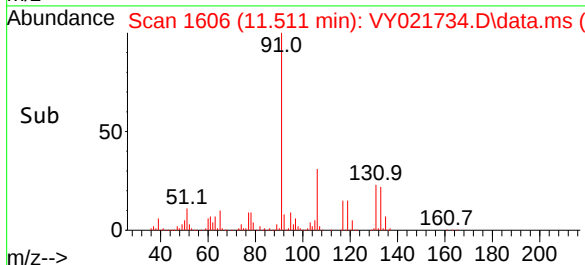
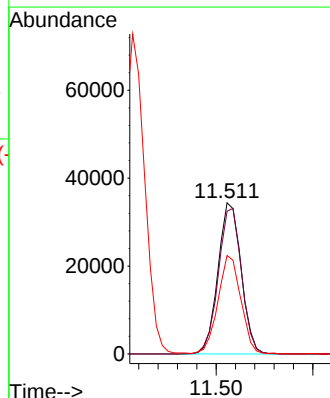
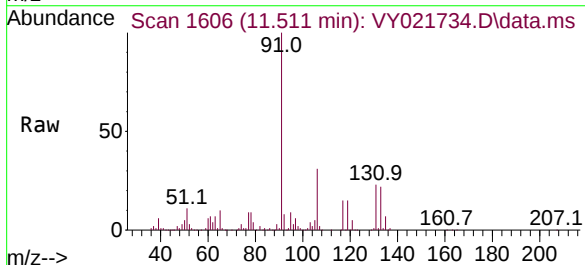
Tgt Ion:131 Resp: 57050

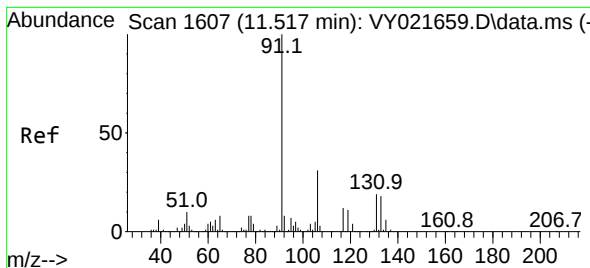
Ion Ratio Lower Upper

131 100

133 96.9 47.3 141.8

119 64.5 31.6 95.0

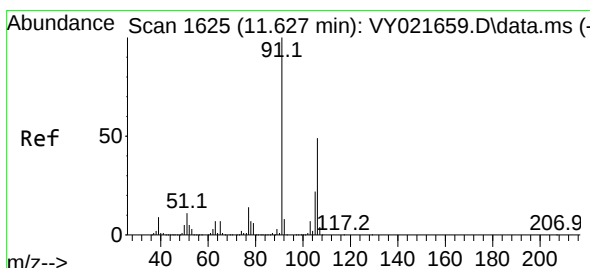
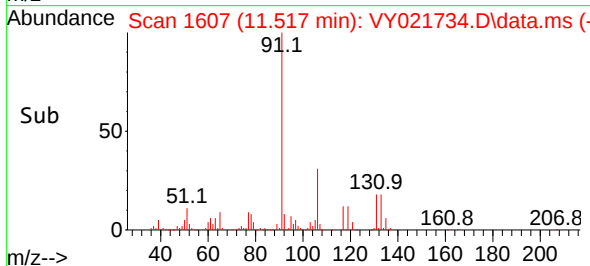
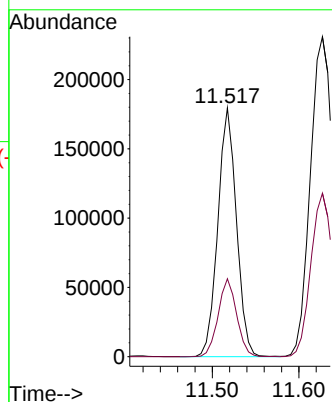
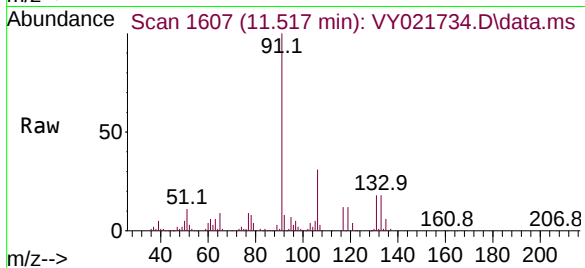




#67
Ethyl Benzene
Concen: 19.256 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

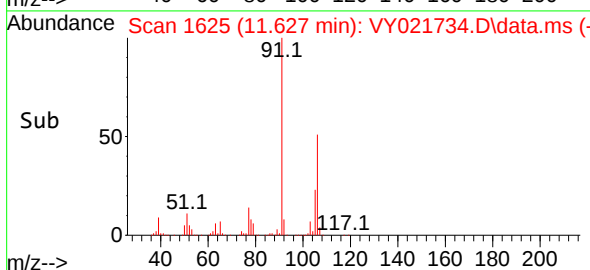
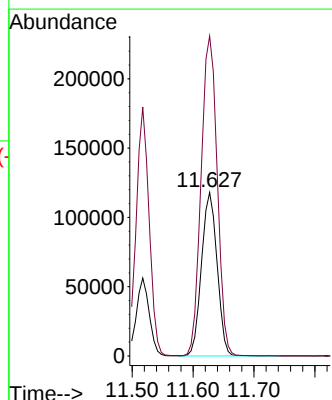
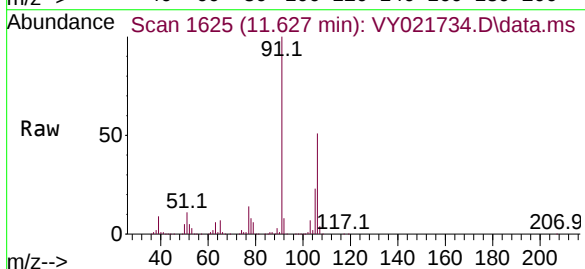
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

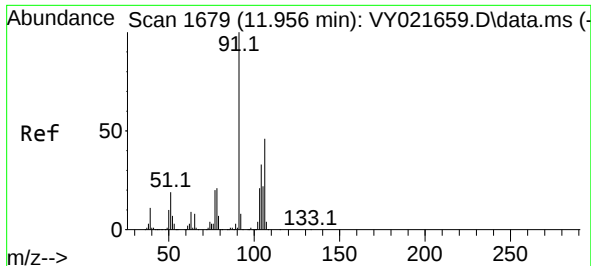
Tgt Ion: 91 Resp: 267784
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#68
m/p-Xylenes
Concen: 39.455 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 106 Resp: 210108
Ion Ratio Lower Upper
106 100
91 202.0 162.4 243.6

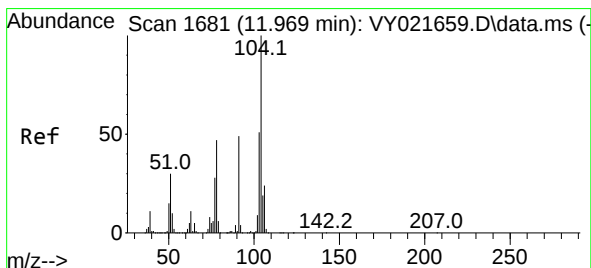
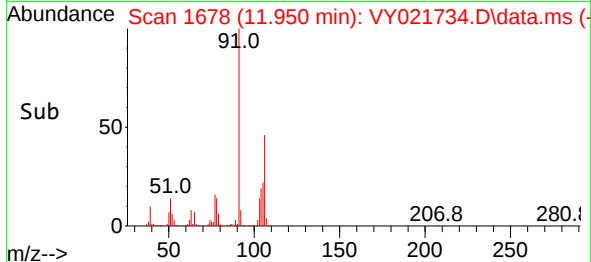
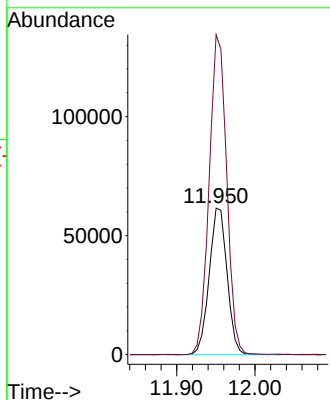
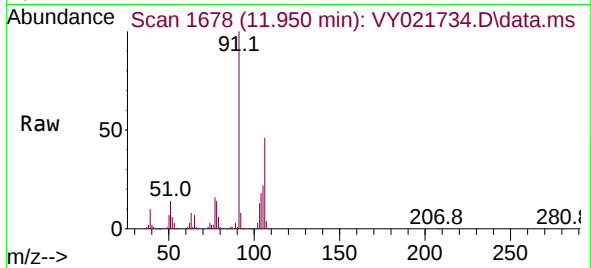




#69
o-Xylene
Concen: 19.864 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

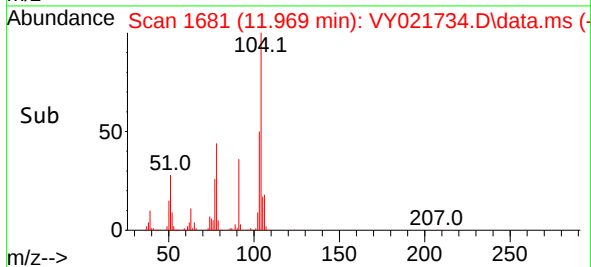
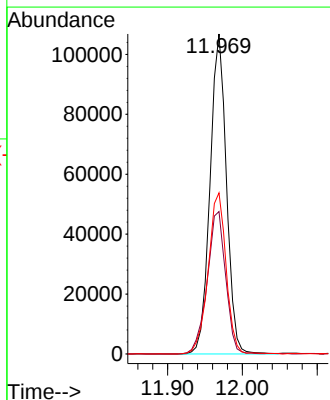
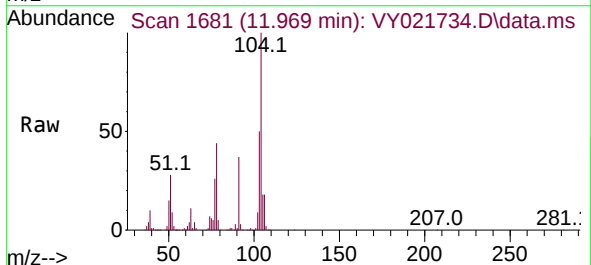
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

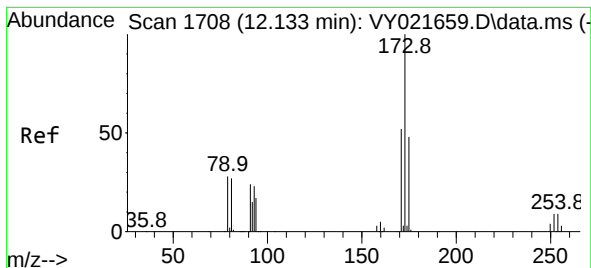
Tgt Ion:106 Resp: 97645
Ion Ratio Lower Upper
106 100
91 213.9 106.7 319.9



#70
Styrene
Concen: 19.941 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion:104 Resp: 163431
Ion Ratio Lower Upper
104 100
78 50.0 40.8 61.2
103 55.2 44.2 66.2





#71

Bromoform

Concen: 19.947 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

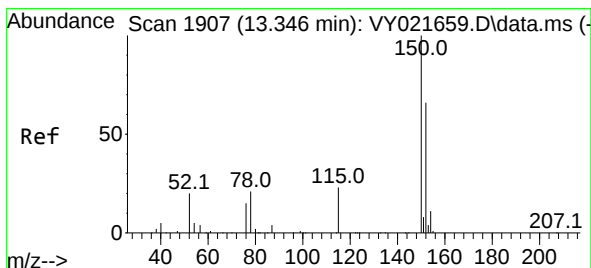
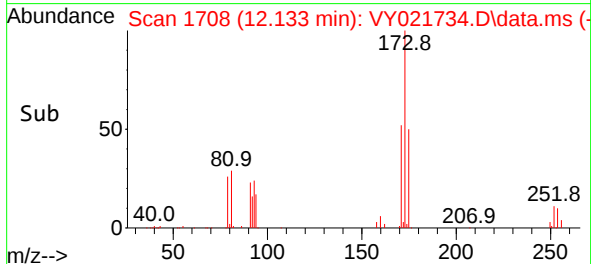
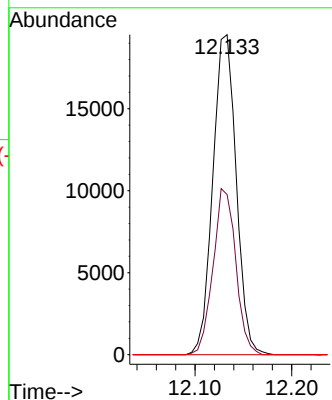
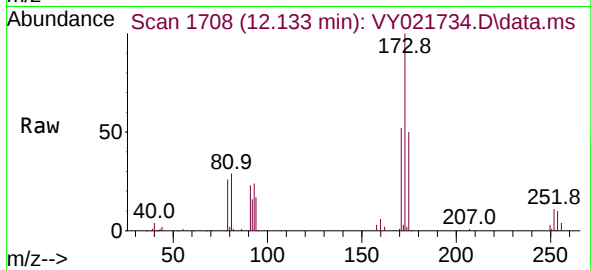
Tgt Ion:173 Resp: 32739

Ion Ratio Lower Upper

173 100

175 50.4 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

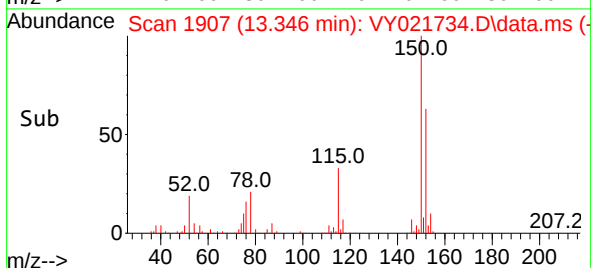
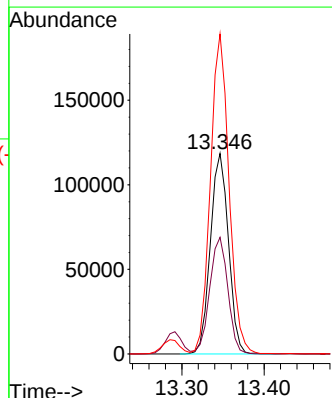
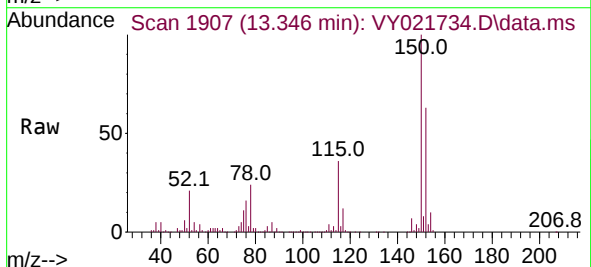
Tgt Ion:152 Resp: 180866

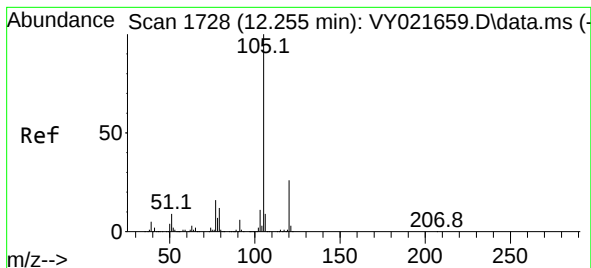
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 163.9 0.0 348.4





#73

Isopropylbenzene

Concen: 18.992 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

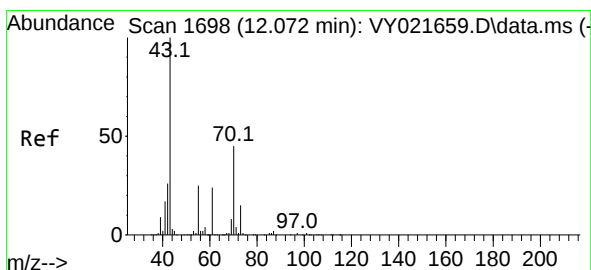
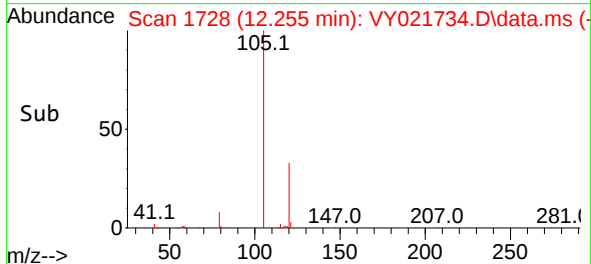
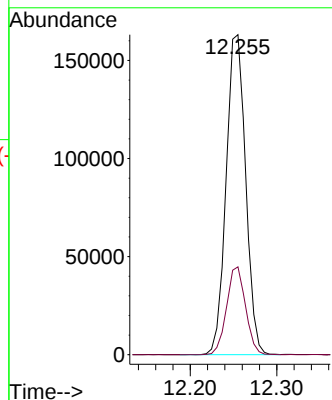
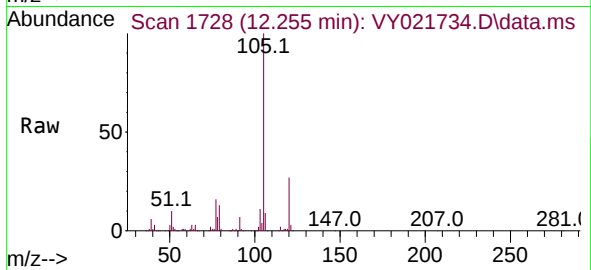
VY0401SBSD01

Tgt Ion:105 Resp: 255126

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 18.861 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Tgt Ion: 43 Resp: 59465

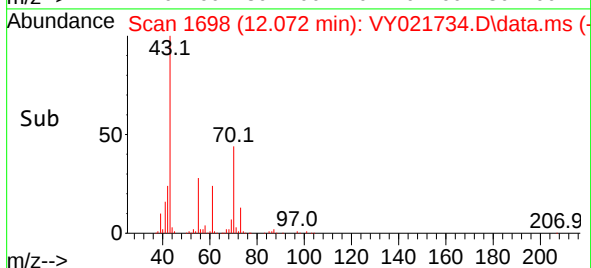
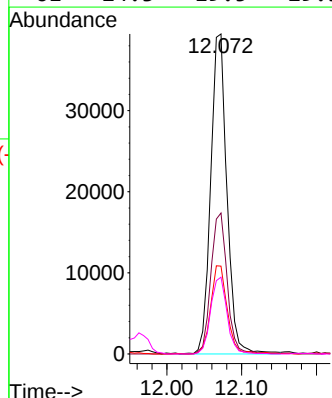
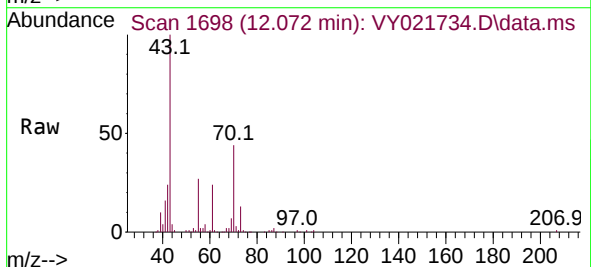
Ion Ratio Lower Upper

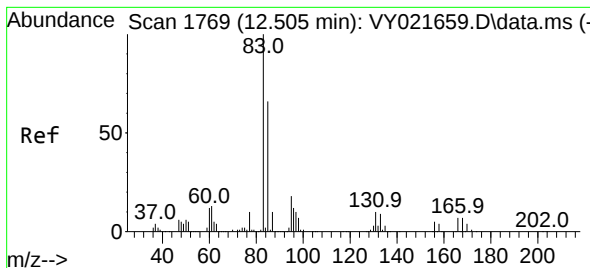
43 100

70 44.1 34.7 52.1

55 28.0 21.2 31.8

61 24.3 19.5 29.3

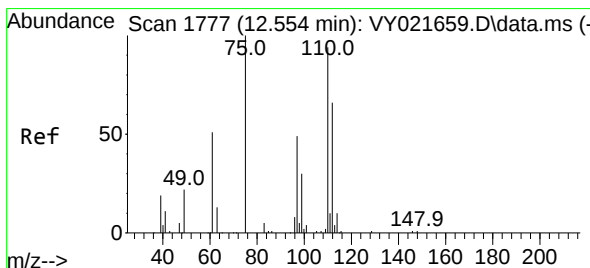
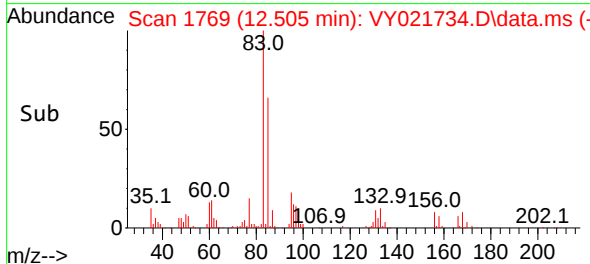
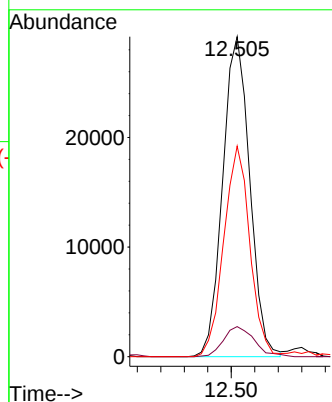
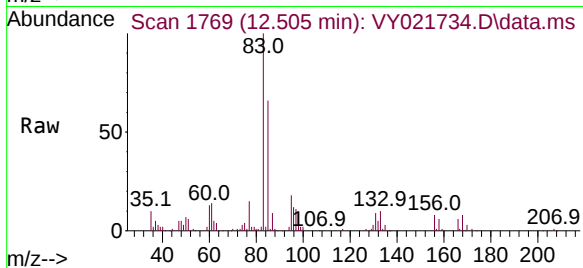




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.304 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021734.D
 Acq: 01 Apr 2025 11:52

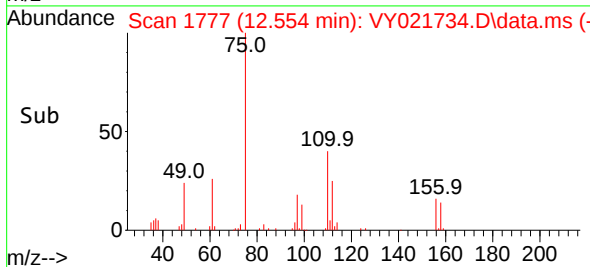
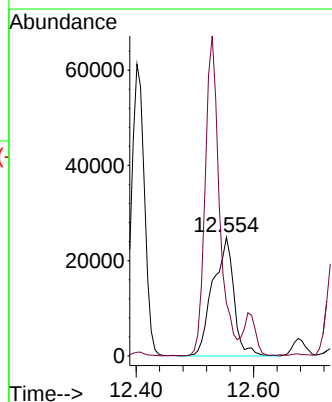
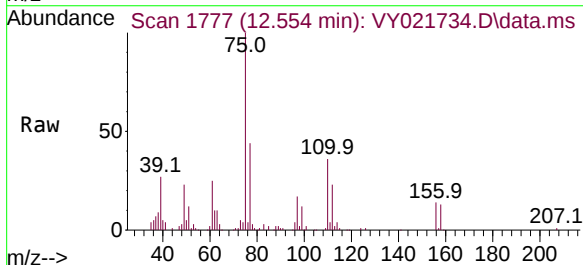
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

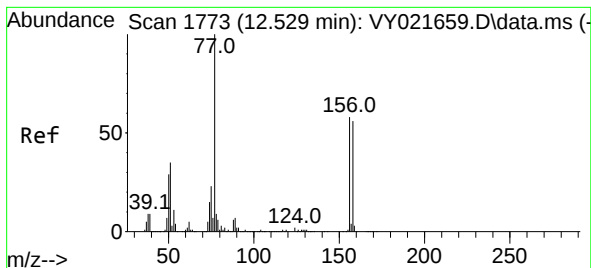
Tgt Ion: 83 Resp: 46623
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.1 15.3
 85 63.5 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 34.501 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021734.D
 Acq: 01 Apr 2025 11:52

Tgt Ion: 75 Resp: 61855
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.354 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

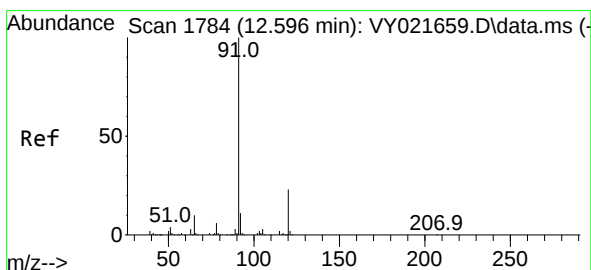
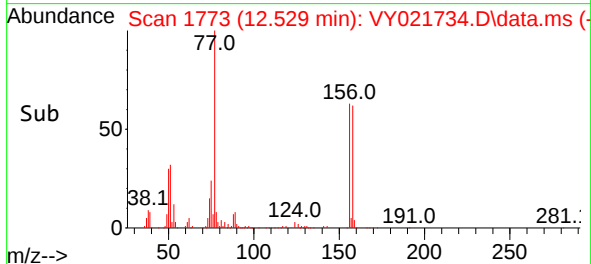
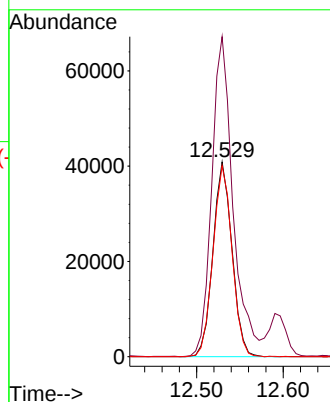
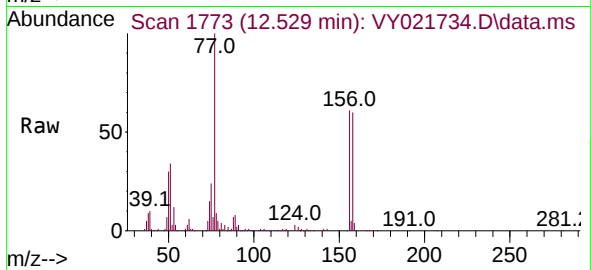
Tgt Ion:156 Resp: 62425

Ion Ratio Lower Upper

156 100

77 183.1 92.8 278.3

158 98.2 48.5 145.6



#78

n-propylbenzene

Concen: 19.691 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY021734.D

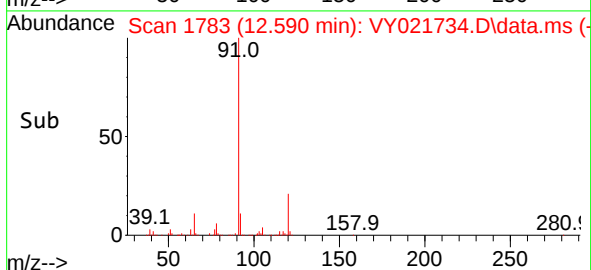
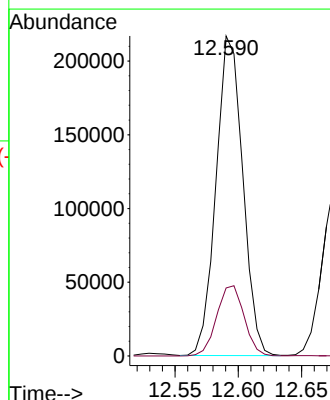
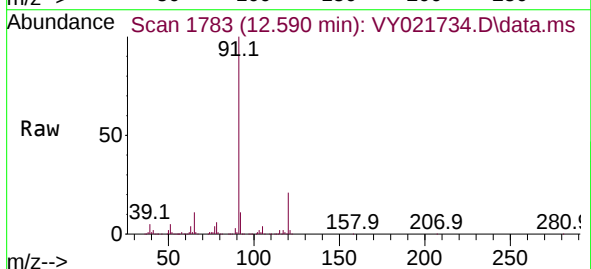
Acq: 01 Apr 2025 11:52

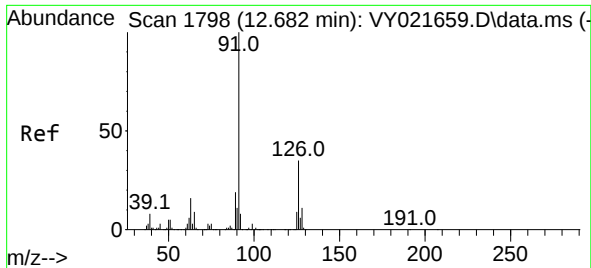
Tgt Ion: 91 Resp: 318024

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.9

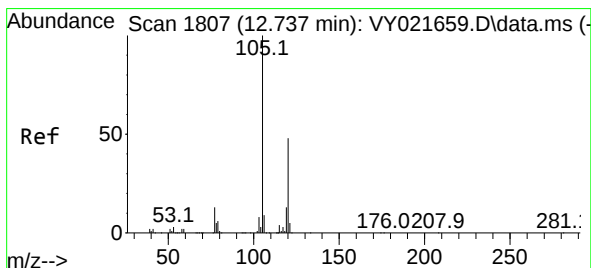
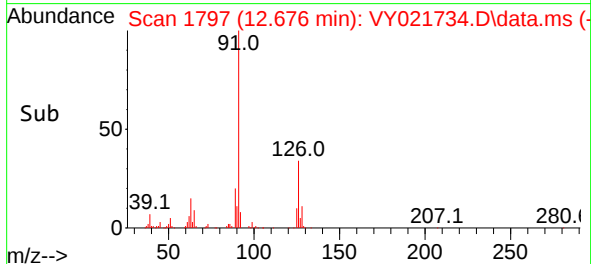
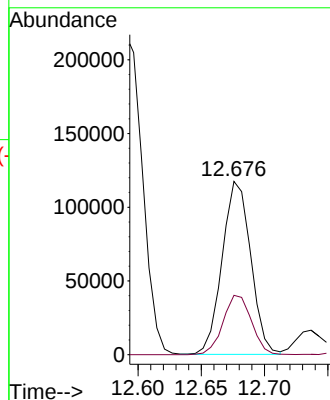
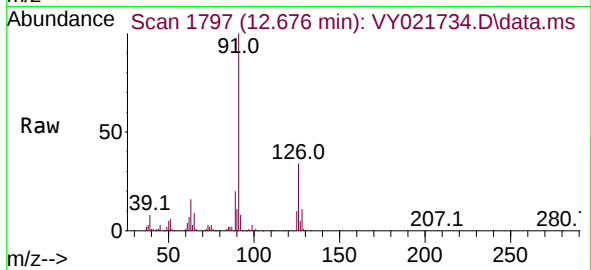




#79
2-Chlorotoluene
Concen: 19.674 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

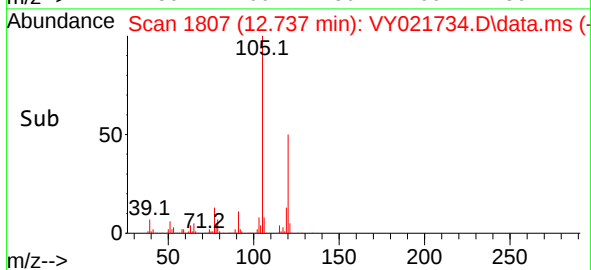
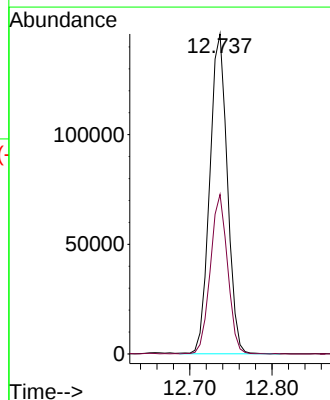
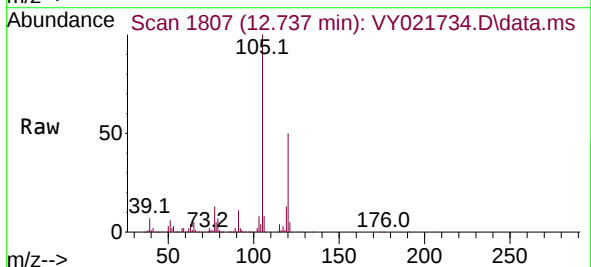
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBS01

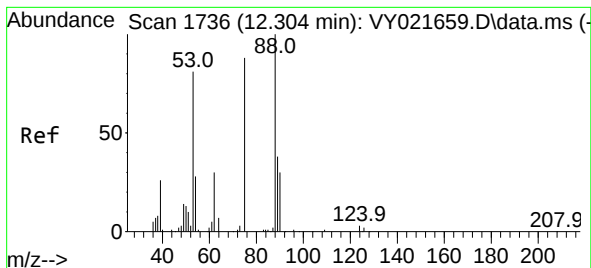
Tgt Ion: 91 Resp: 184549
Ion Ratio Lower Upper
91 100
126 34.2 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 19.689 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 105 Resp: 216167
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5

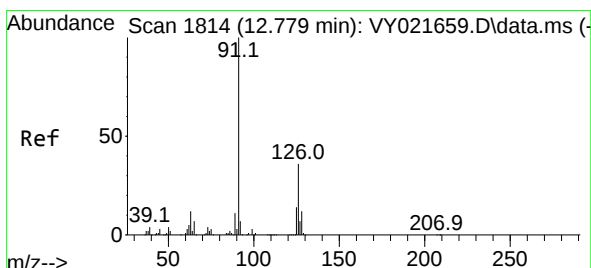
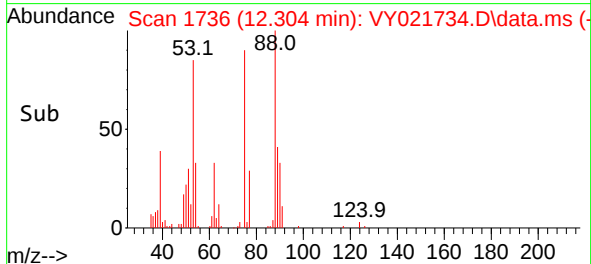
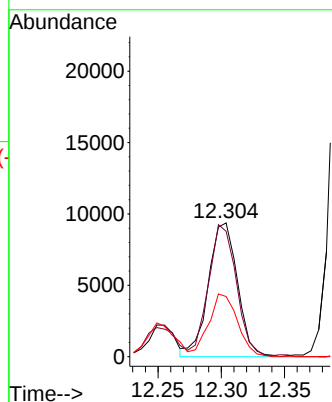
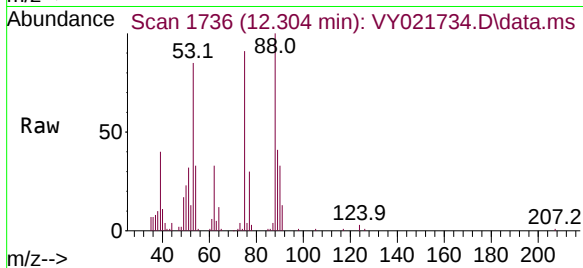




#81
trans-1,4-Dichloro-2-butene
Concen: 19.326 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

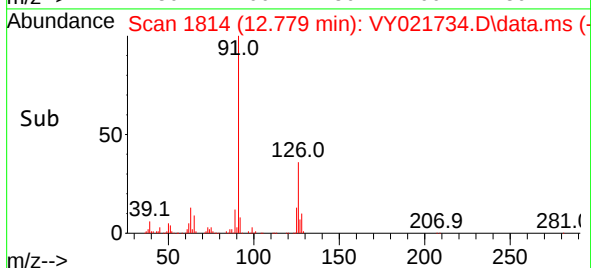
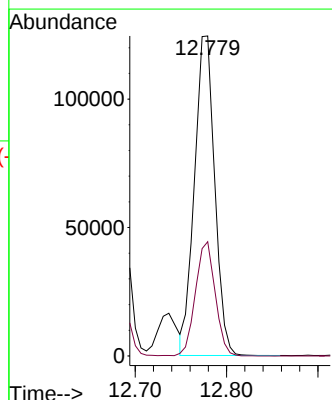
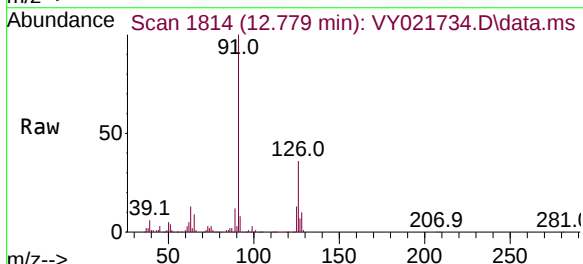
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

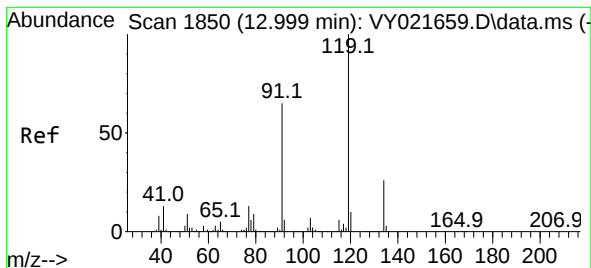
Tgt Ion: 75 Resp: 15037
Ion Ratio Lower Upper
75 100
53 93.0 76.1 114.1
89 46.4 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.642 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion: 91 Resp: 192091
Ion Ratio Lower Upper
91 100
126 34.9 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.474 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

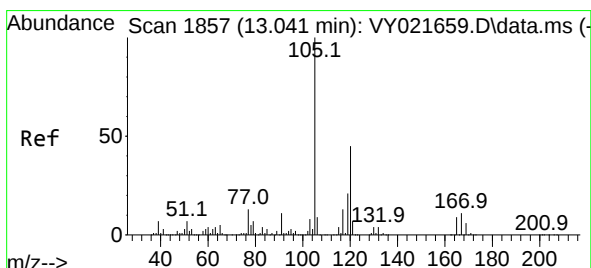
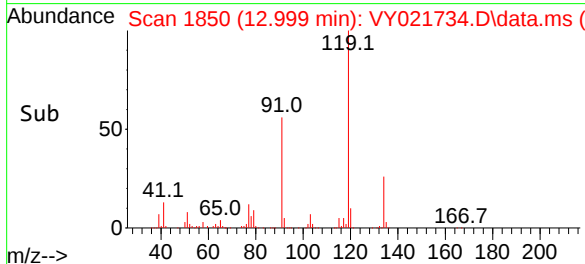
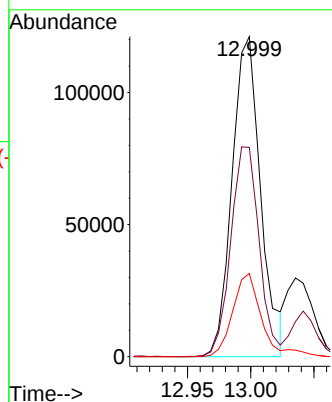
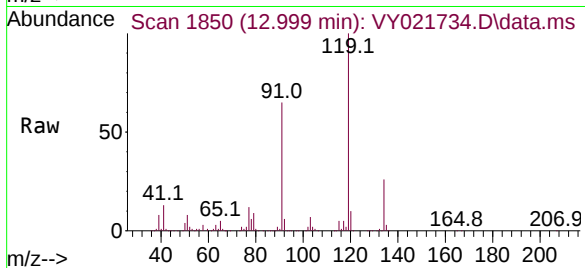
Tgt Ion:119 Resp: 190441

Ion Ratio Lower Upper

119 100

91 65.3 32.6 97.7

134 26.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.770 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021734.D

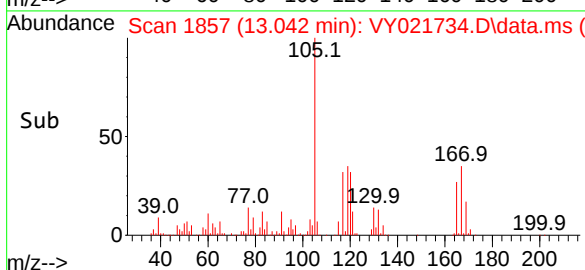
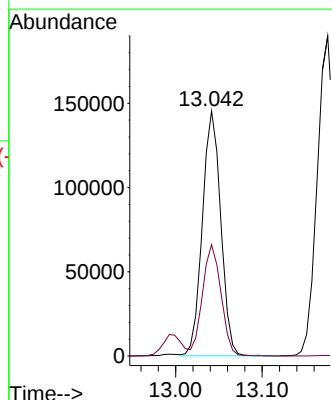
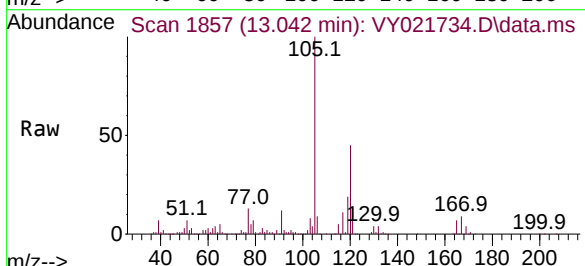
Acq: 01 Apr 2025 11:52

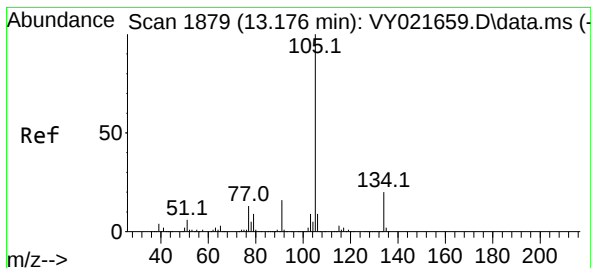
Tgt Ion:105 Resp: 214526

Ion Ratio Lower Upper

105 100

120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.535 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

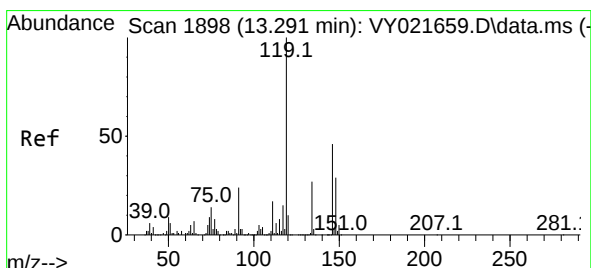
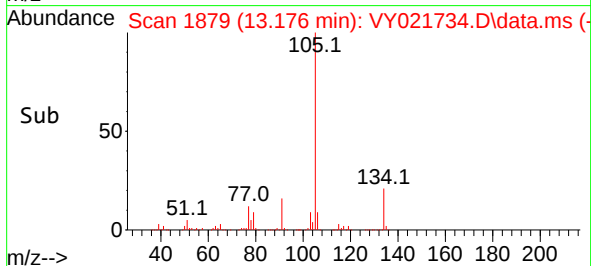
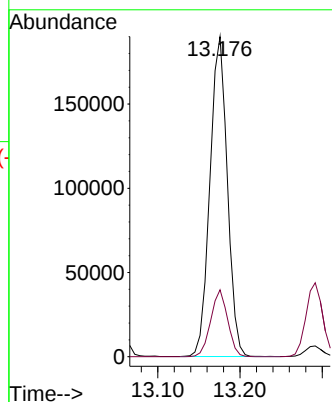
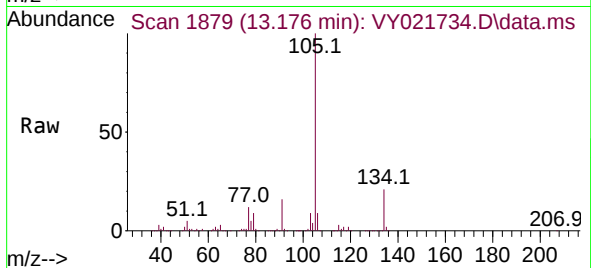
VY0401SBSD01

Tgt Ion:105 Resp: 279174

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.978 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

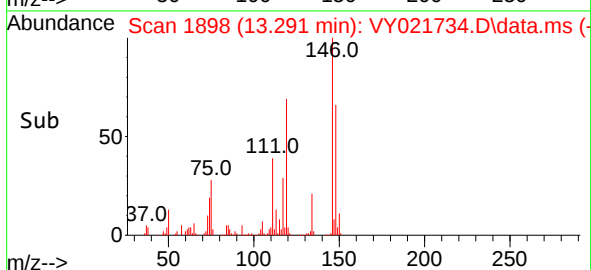
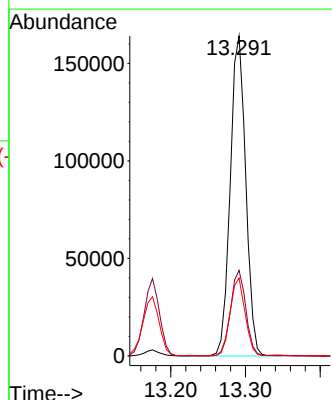
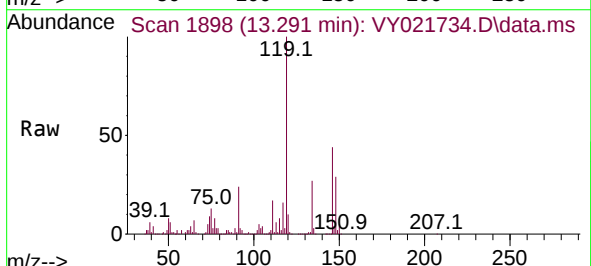
Tgt Ion:119 Resp: 235978

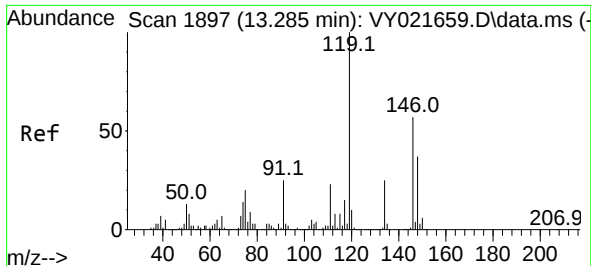
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 23.7 12.0 36.0

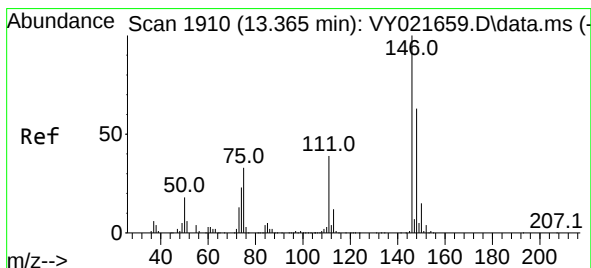
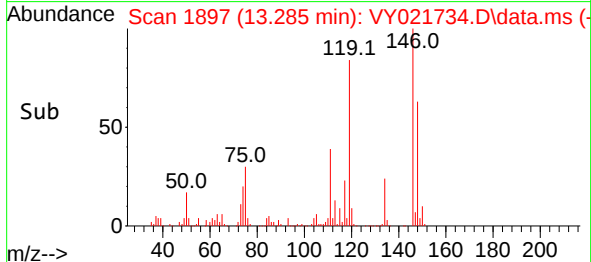
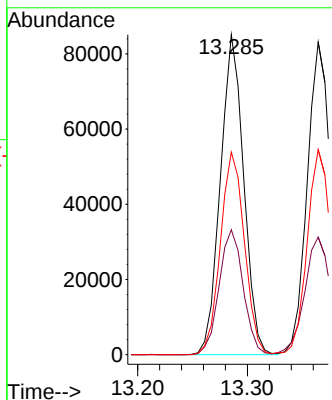
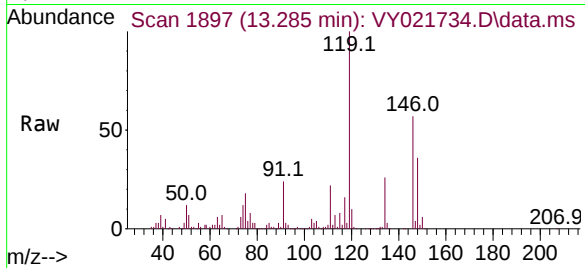




#87
1,3-Dichlorobenzene
Concen: 19.811 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

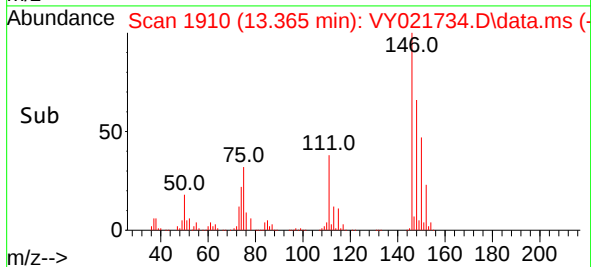
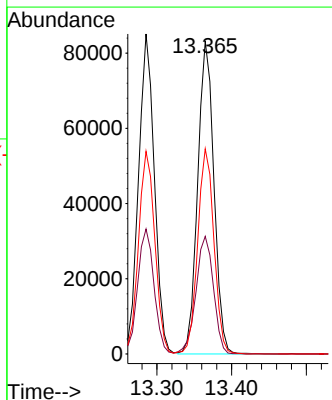
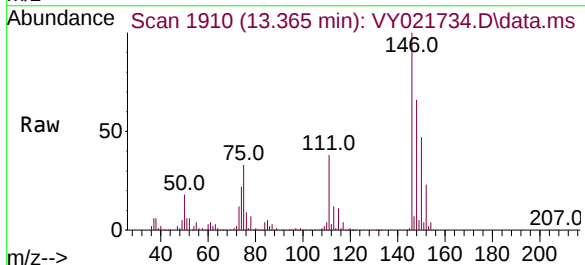
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBSD01

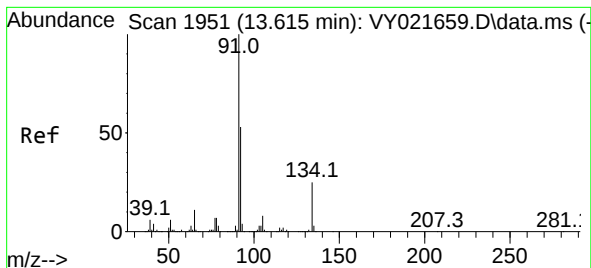
Tgt Ion:146 Resp: 125891
Ion Ratio Lower Upper
146 100
111 40.3 20.0 60.0
148 65.0 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 20.002 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021734.D
Acq: 01 Apr 2025 11:52

Tgt Ion:146 Resp: 125583
Ion Ratio Lower Upper
146 100
111 40.5 19.1 57.1
148 65.7 31.5 94.5





#89

n-Butylbenzene

Concen: 19.624 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

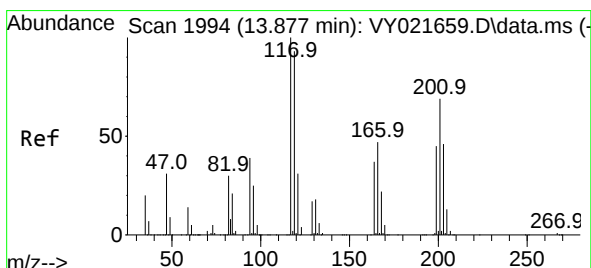
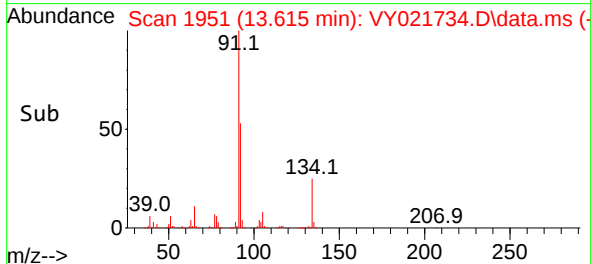
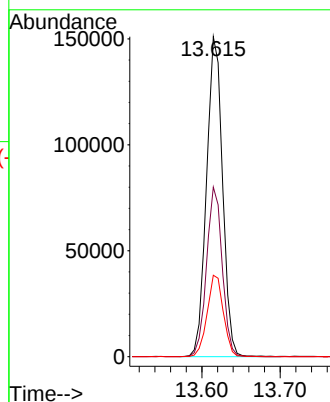
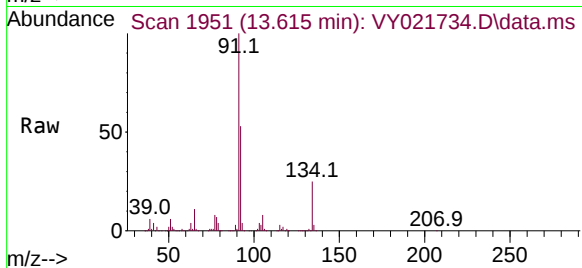
Tgt Ion: 91 Resp: 214364

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.2

134 25.8 12.8 38.4



#90

Hexachloroethane

Concen: 19.227 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021734.D

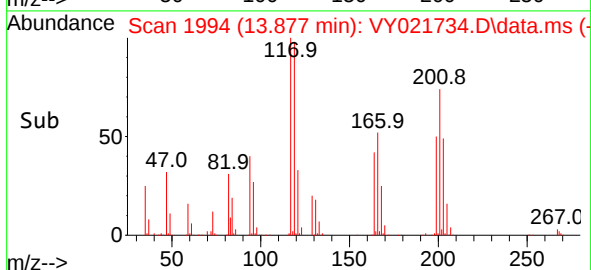
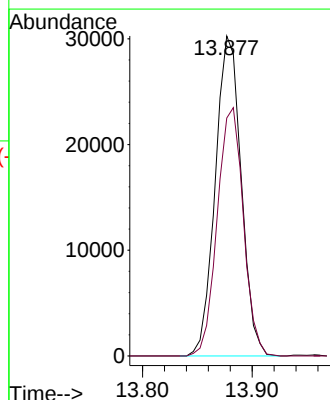
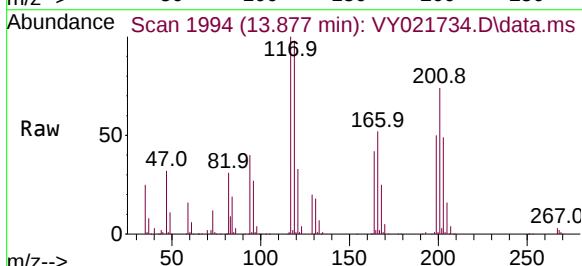
Acq: 01 Apr 2025 11:52

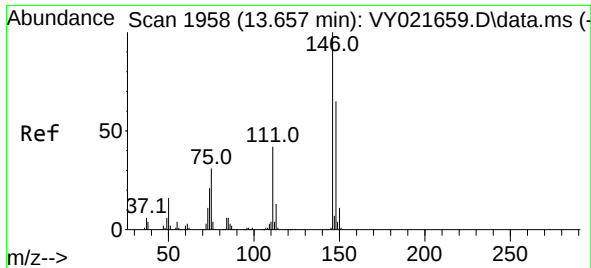
Tgt Ion: 117 Resp: 49767

Ion Ratio Lower Upper

117 100

201 78.0 37.4 112.1

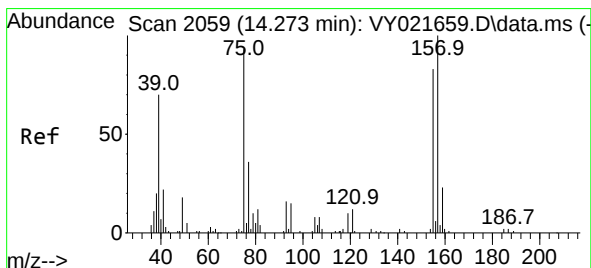
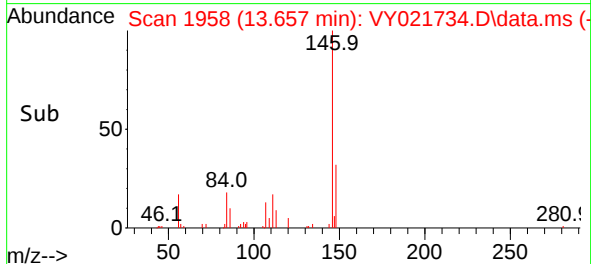
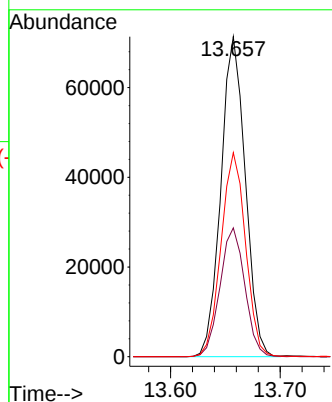
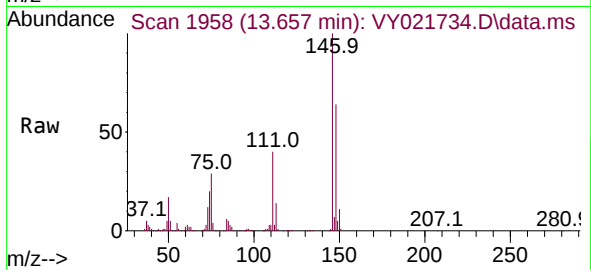




#91
 1,2-Dichlorobenzene
 Concen: 19.949 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY021734.D
 Acq: 01 Apr 2025 11:52

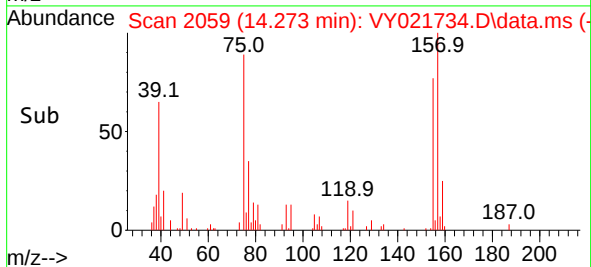
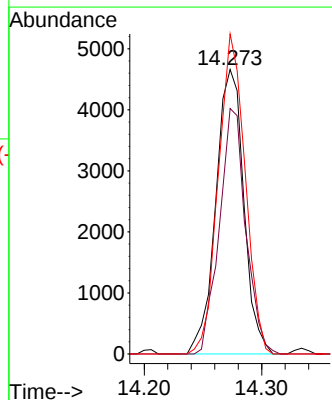
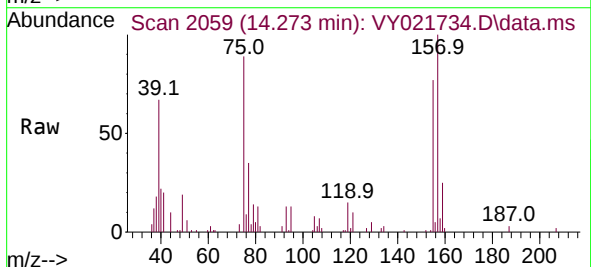
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBSD01

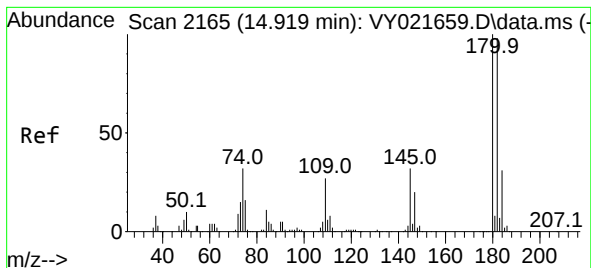
Tgt Ion:146 Resp: 110352
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.7 62.1
 148 64.1 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.615 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY021734.D
 Acq: 01 Apr 2025 11:52

Tgt Ion: 75 Resp: 7717
 Ion Ratio Lower Upper
 75 100
 155 81.4 43.0 128.8
 157 107.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 21.022 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

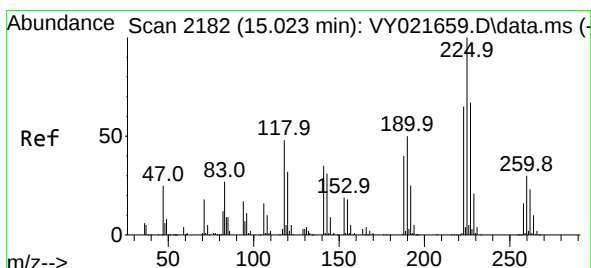
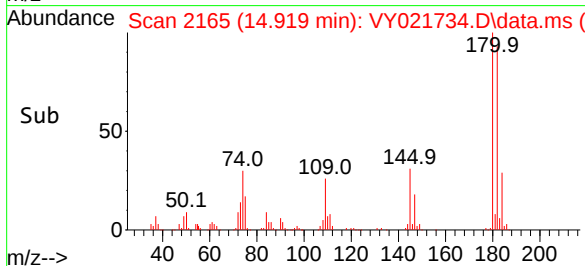
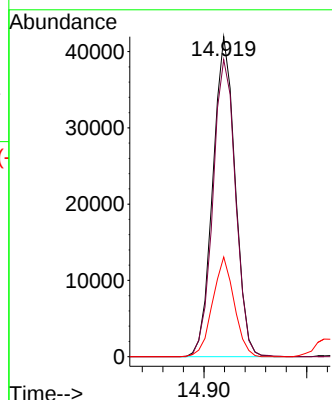
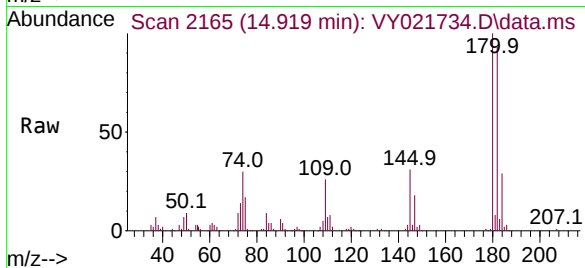
Tgt Ion:180 Resp: 63063

Ion Ratio Lower Upper

180 100

182 94.6 47.5 142.6

145 30.2 14.9 44.9



#94

Hexachlorobutadiene

Concen: 20.649 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

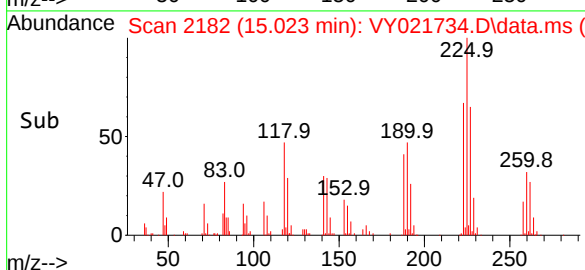
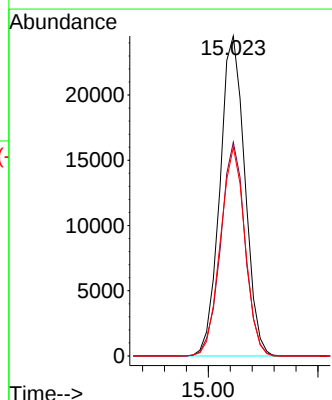
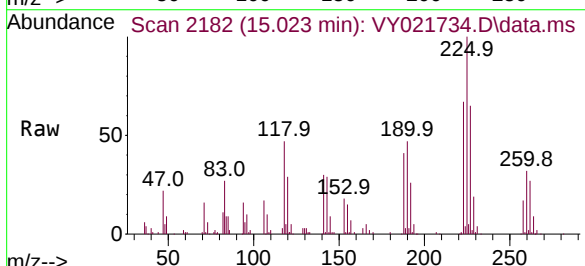
Tgt Ion:225 Resp: 38686

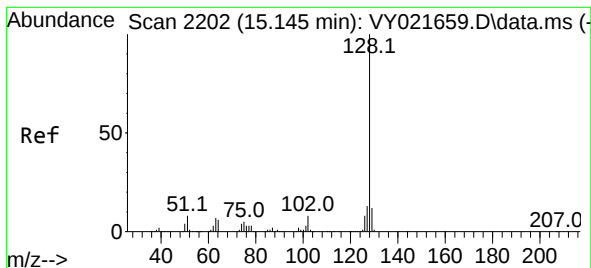
Ion Ratio Lower Upper

225 100

223 64.8 31.9 95.7

227 64.2 32.4 97.0





#95

Naphthalene

Concen: 20.225 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY0401SBSD01

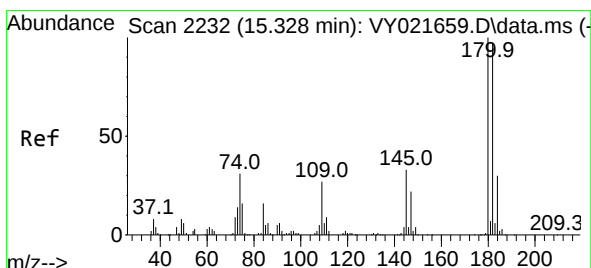
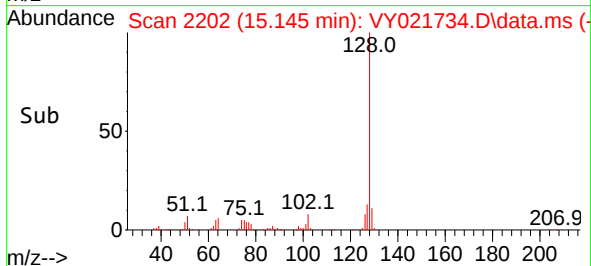
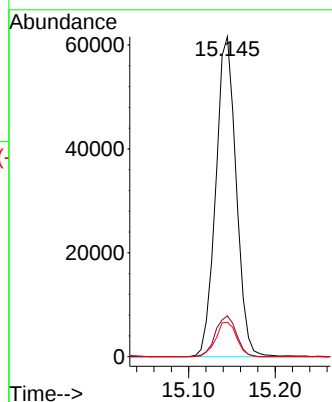
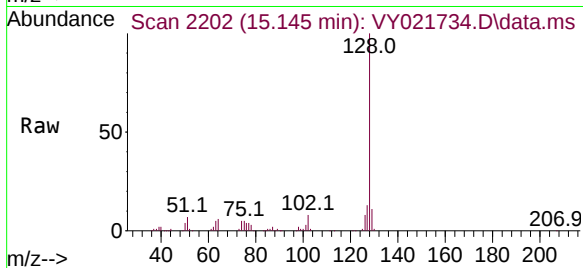
Tgt Ion:128 Resp: 100567

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.558 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021734.D

Acq: 01 Apr 2025 11:52

Tgt Ion:180 Resp: 52590

Ion Ratio Lower Upper

180 100

182 98.0 47.5 142.5

145 32.3 15.9 47.7

