

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040725\
 Data File : VY021797.D
 Acq On : 07 Apr 2025 14:30
 Operator : SY/MD
 Sample : VY0407SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0407SBS01

Quant Time: Apr 08 03:32:51 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	7.713	168	200495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	309489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	273916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	139868	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	108296	49.853	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.700%
35) Dibromofluoromethane	7.634	113	102912	51.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.520%
50) Toluene-d8	10.109	98	400641	52.457	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.920%
62) 4-Bromofluorobenzene	12.407	95	130501	50.516	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.040%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	41256	19.853	ug/l	100
3) Chloromethane	2.068	50	57233	19.586	ug/l	99
4) Vinyl Chloride	2.202	62	64126	19.405	ug/l	99
5) Bromomethane	2.592	94	44239	19.628	ug/l	99
6) Chloroethane	2.732	64	42610	19.705	ug/l	97
7) Trichlorofluoromethane	3.055	101	84739	20.018	ug/l	98
8) Diethyl Ether	3.452	74	22132	19.225	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.811	101	46827	20.973	ug/l	99
10) Methyl Iodide	4.007	142	49308	20.131	ug/l	99
11) Tert butyl alcohol	4.872	59	11661	82.645	ug/l #	87
12) 1,1-Dichloroethene	3.787	96	42296	20.112	ug/l	99
13) Acrolein	3.653	56	12621	48.988	ug/l	95
14) Allyl chloride	4.385	41	65591	19.562	ug/l	100
15) Acrylonitrile	5.061	53	44961	93.538	ug/l	97
16) Acetone	3.872	43	35116	78.986	ug/l	100
17) Carbon Disulfide	4.104	76	131956	19.050	ug/l	99
18) Methyl Acetate	4.385	43	22329	20.265	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	100070	19.113	ug/l	98
20) Methylene Chloride	4.610	84	47875	19.660	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	45825	19.791	ug/l	93
22) Diisopropyl ether	6.024	45	141880	20.171	ug/l	97
23) Vinyl Acetate	5.963	43	381601	92.738	ug/l	98
24) 1,1-Dichloroethane	5.921	63	86420	20.547	ug/l	99
25) 2-Butanone	6.896	43	55209	86.942	ug/l	99
26) 2,2-Dichloropropane	6.890	77	71680	19.159	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	52331	20.097	ug/l	97
28) Bromochloromethane	7.244	49	35838	20.204	ug/l	99
29) Tetrahydrofuran	7.262	42	36656	89.693	ug/l	98
30) Chloroform	7.421	83	89332	20.421	ug/l	97
31) Cyclohexane	7.701	56	74343	19.391	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	80955	20.475	ug/l	99
36) 1,1-Dichloropropene	7.835	75	61474	20.103	ug/l	97
37) Ethyl Acetate	6.988	43	26169	18.133	ug/l	97
38) Carbon Tetrachloride	7.817	117	74956	21.402	ug/l	98
39) Methylcyclohexane	9.109	83	72436	19.829	ug/l	99
40) Benzene	8.079	78	191150	20.873	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	13170	17.184	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	53408	20.687	ug/l	100
43) Isopropyl Acetate	8.195	43	51984	19.008	ug/l	99
44) Trichloroethene	8.865	130	50822	21.781	ug/l	99
45) 1,2-Dichloropropane	9.140	63	45897	21.173	ug/l	99
46) Dibromomethane	9.231	93	25872	20.710	ug/l	98
47) Bromodichloromethane	9.426	83	67634	20.893	ug/l	93
48) Methyl methacrylate	9.219	41	24153	19.242	ug/l	99
49) 1,4-Dioxane	9.231	88	5046	377.046	ug/l	96
51) 4-Methyl-2-Pentanone	9.999	43	132544	93.129	ug/l	100
52) Toluene	10.170	92	119539	20.922	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	56189	19.542	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	67824	19.995	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	33126	20.605	ug/l	97
56) Ethyl methacrylate	10.438	69	39397	19.192	ug/l	97
57) 1,3-Dichloropropane	10.719	76	56218	20.248	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	97440	97.301	ug/l	98
59) 2-Hexanone	10.761	43	86798	91.574	ug/l	100
60) Dibromochloromethane	10.914	129	46045	20.977	ug/l	100
61) 1,2-Dibromoethane	11.017	107	30810	20.429	ug/l	100
64) Tetrachloroethene	10.646	164	57115	22.894	ug/l	97
65) Chlorobenzene	11.444	112	128518	20.468	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	45965	20.632	ug/l	98
67) Ethyl Benzene	11.517	91	218884	20.329	ug/l	98
68) m/p-Xylenes	11.627	106	170326	41.311	ug/l	99
69) o-Xylene	11.956	106	77748	20.428	ug/l	99
70) Styrene	11.969	104	130369	20.544	ug/l	99
71) Bromoform	12.133	173	25705	20.228	ug/l #	99
73) Isopropylbenzene	12.255	105	204876	19.721	ug/l	99
74) N-amyl acetate	12.072	43	41651	17.083	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	33128	17.737	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	48048	34.655	ug/l #	100
77) Bromobenzene	12.536	156	49860	19.990	ug/l	99
78) n-propylbenzene	12.596	91	254273	20.359	ug/l	100
79) 2-Chlorotoluene	12.682	91	146589	20.208	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	172598	20.328	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11494	19.102	ug/l	100
82) 4-Chlorotoluene	12.779	91	153495	20.296	ug/l	100
83) tert-Butylbenzene	12.999	119	148005	19.571	ug/l	99
84) 1,2,4-Trimethylbenzene	13.041	105	172378	20.542	ug/l	100
85) sec-Butylbenzene	13.176	105	224962	20.355	ug/l	100
86) p-Isopropyltoluene	13.291	119	187503	20.527	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	100093	20.368	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	98624	20.313	ug/l	97
89) n-Butylbenzene	13.621	91	167537	19.833	ug/l	98
90) Hexachloroethane	13.883	117	40572	20.269	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	88765	20.750	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5701	19.694	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	45065	19.426	ug/l	99
94) Hexachlorobutadiene	15.029	225	30541	21.080	ug/l	99
95) Naphthalene	15.145	128	71449	18.581	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	40066	20.253	ug/l	99

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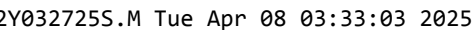
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

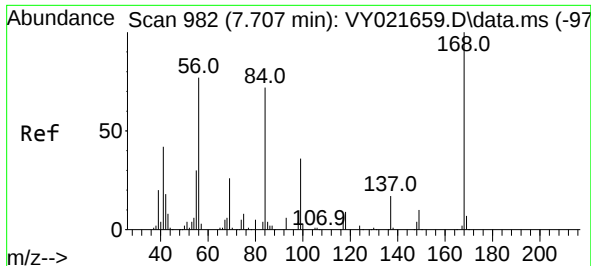
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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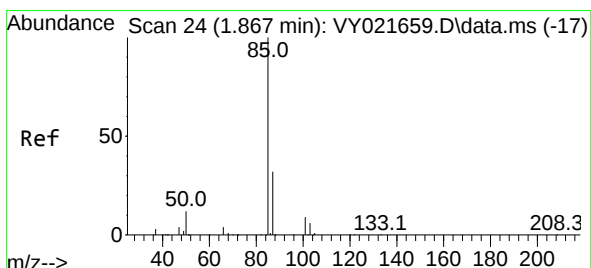
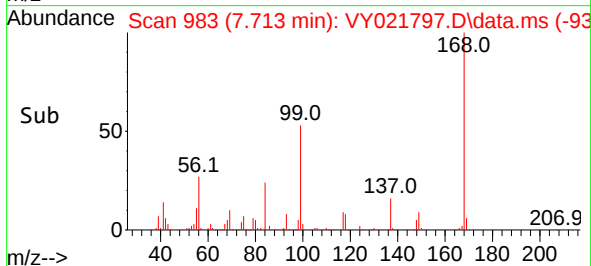
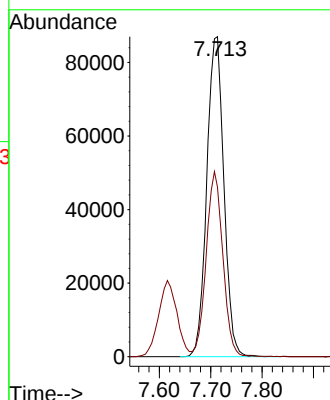
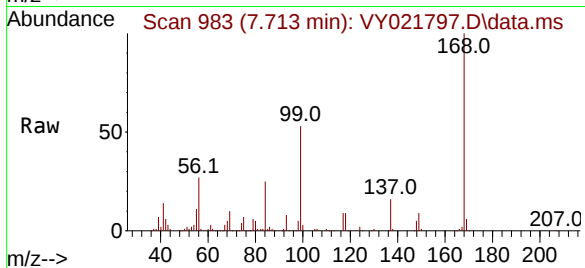




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
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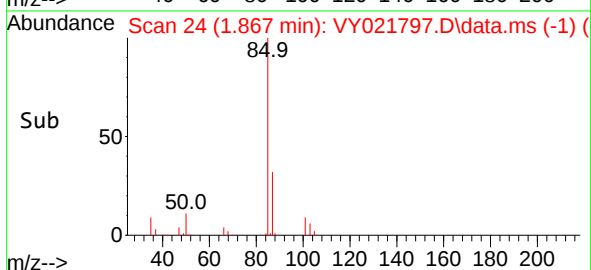
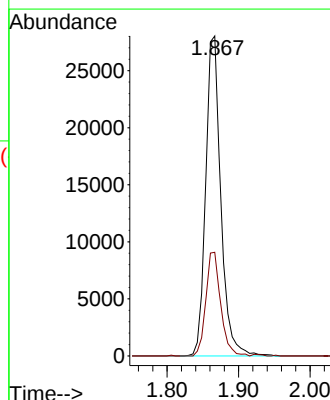
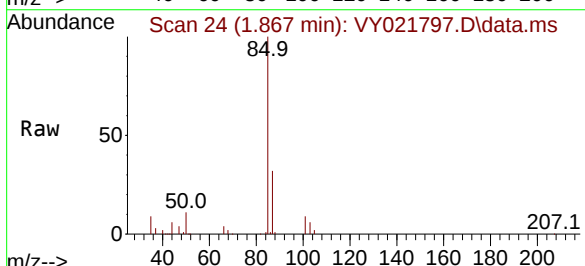
Instrument :
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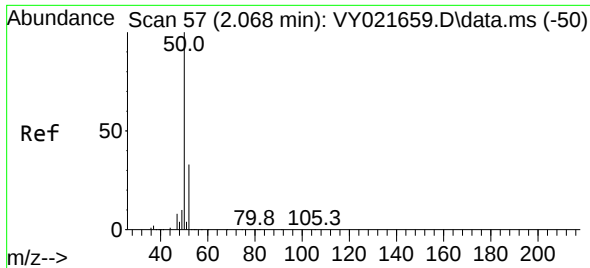
Tgt Ion:168 Resp: 200495
Ion Ratio Lower Upper
168 100
99 53.0 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 19.853 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 85 Resp: 41256
Ion Ratio Lower Upper
85 100
87 32.4 16.2 48.6

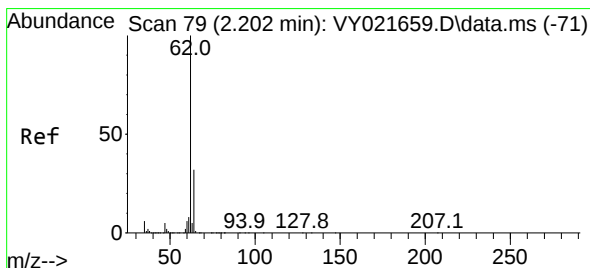
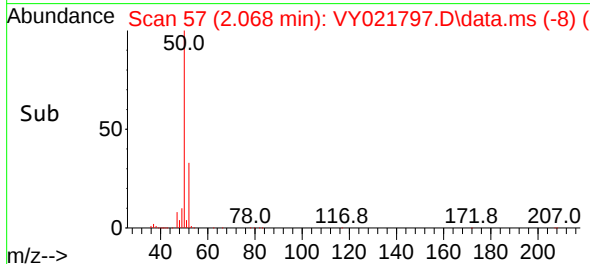
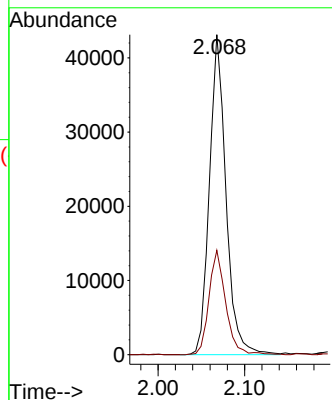
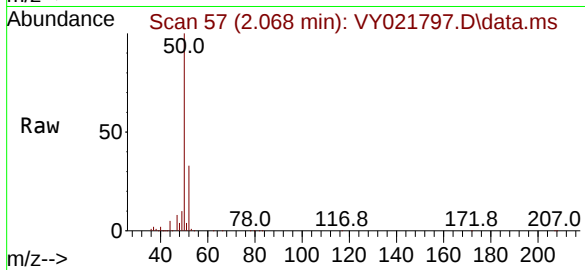




#3
Chloromethane
Concen: 19.586 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

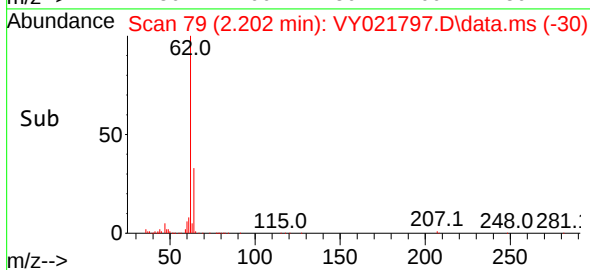
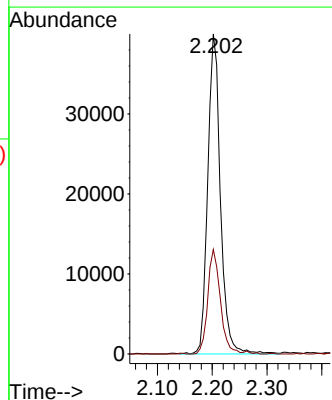
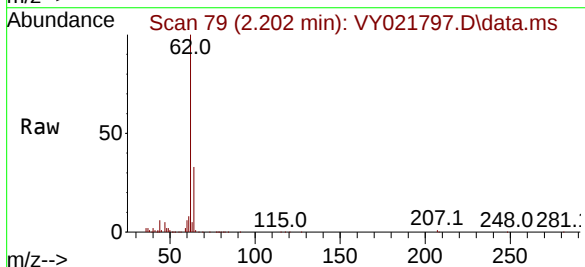
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ClientSampleId :
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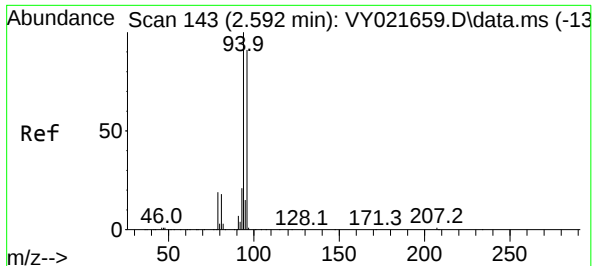
Tgt Ion: 50 Resp: 57233
Ion Ratio Lower Upper
50 100
52 32.6 26.3 39.5



#4
Vinyl Chloride
Concen: 19.405 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 62 Resp: 64126
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3

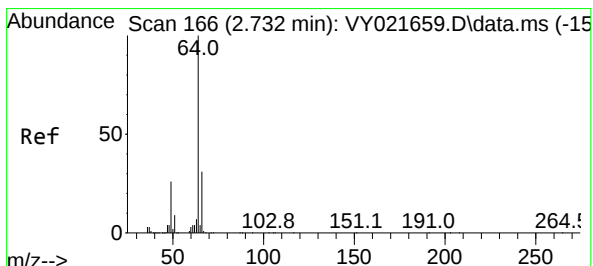
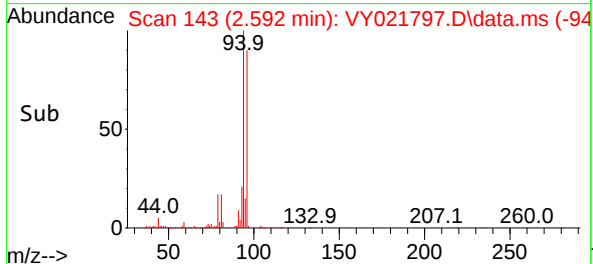
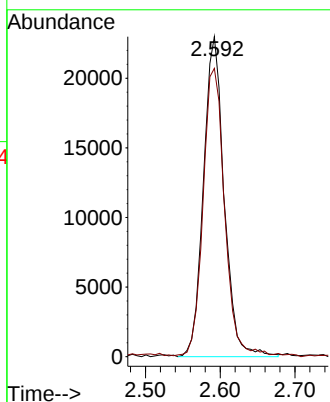
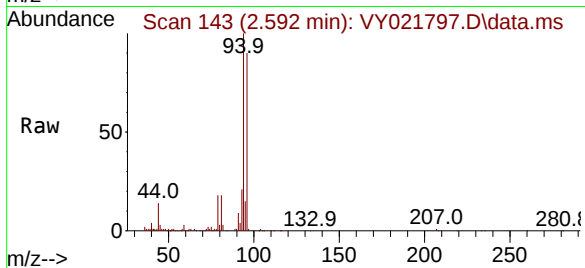




#5
Bromomethane
Concen: 19.628 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

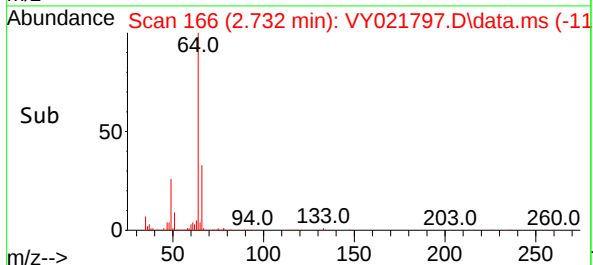
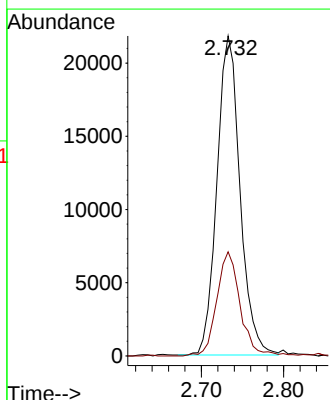
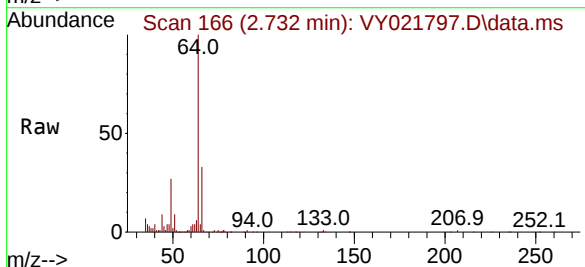
Instrument :
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Tgt Ion: 94 Resp: 44239
Ion Ratio Lower Upper
94 100
96 89.6 72.8 109.2



#6
Chloroethane
Concen: 19.705 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 64 Resp: 42610
Ion Ratio Lower Upper
64 100
66 32.7 24.9 37.3

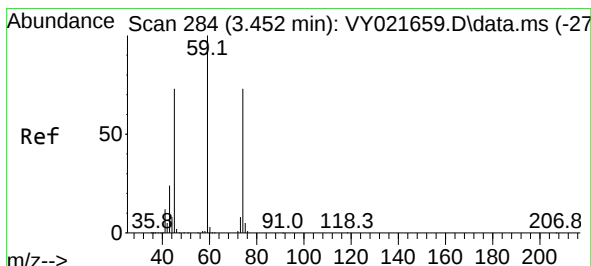
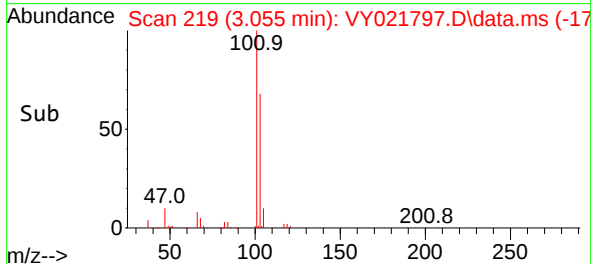
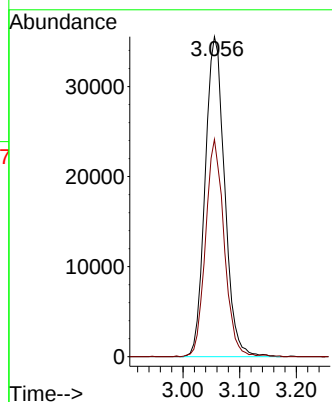
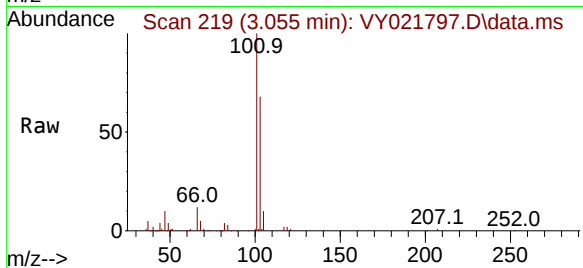




#7
 Trichlorofluoromethane
 Concen: 20.018 ug/l
 RT: 3.055 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021797.D
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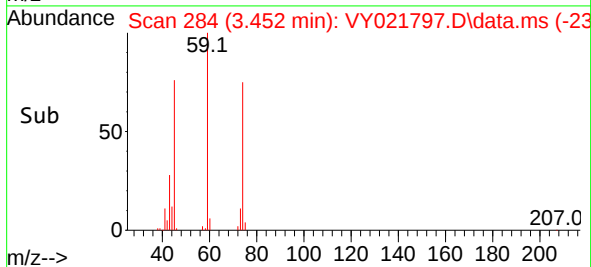
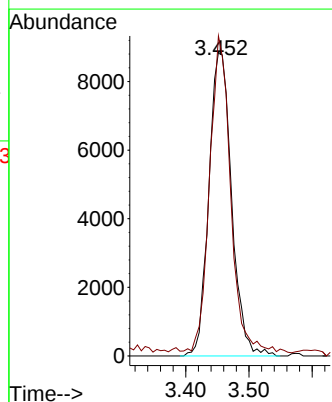
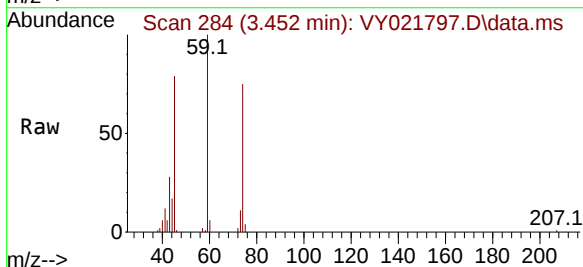
Instrument :
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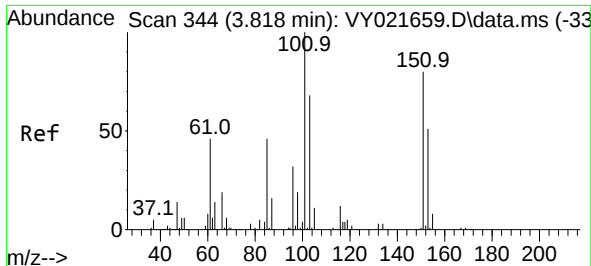
Tgt Ion:101 Resp: 84739
 Ion Ratio Lower Upper
 101 100
 103 67.9 53.1 79.7



#8
 Diethyl Ether
 Concen: 19.225 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021797.D
 Acq: 07 Apr 2025 14:30

Tgt Ion: 74 Resp: 22132
 Ion Ratio Lower Upper
 74 100
 45 97.5 48.6 145.8

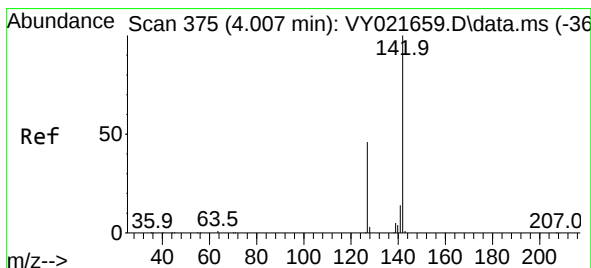
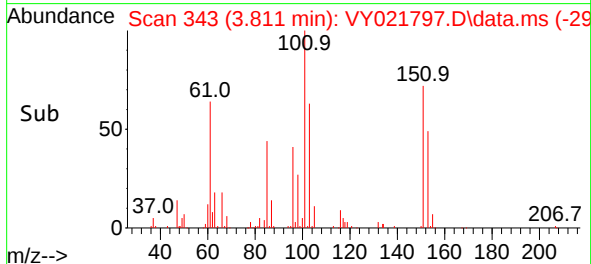
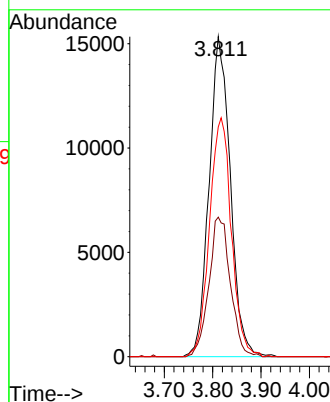
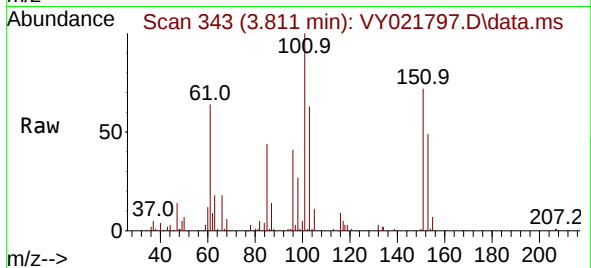




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.973 ug/l
RT: 3.811 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

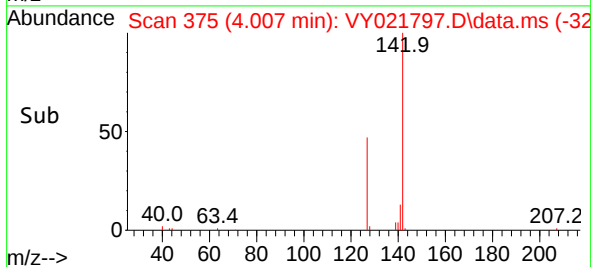
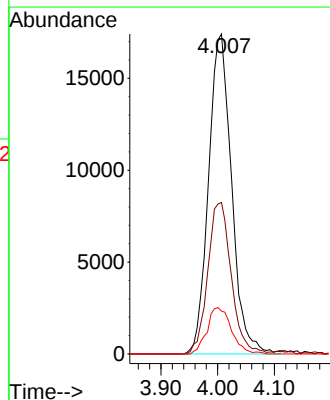
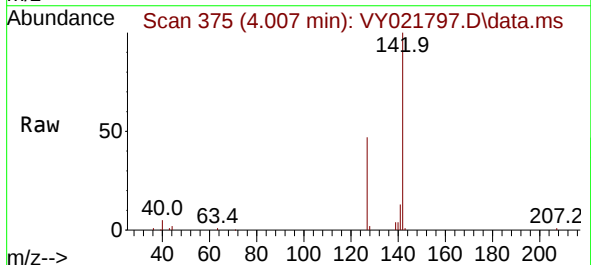
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

Tgt Ion:101 Resp: 46827
Ion Ratio Lower Upper
101 100
85 44.1 36.3 54.5
151 76.6 61.3 91.9



#10
Methyl Iodide
Concen: 20.131 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion:142 Resp: 49308
Ion Ratio Lower Upper
142 100
127 48.1 38.7 58.1
141 15.3 11.5 17.3

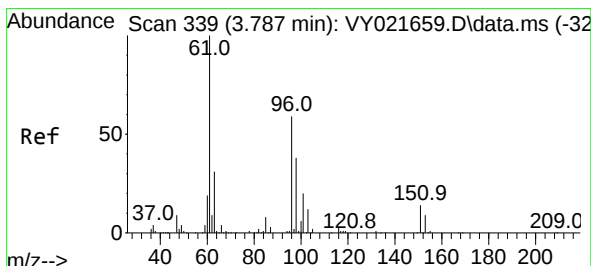
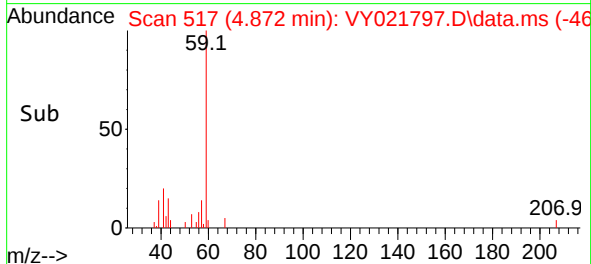
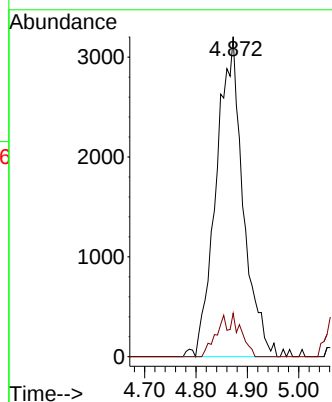
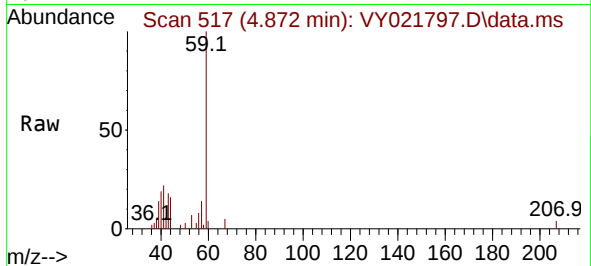




#11
Tert butyl alcohol
Concen: 82.645 ug/l
RT: 4.872 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

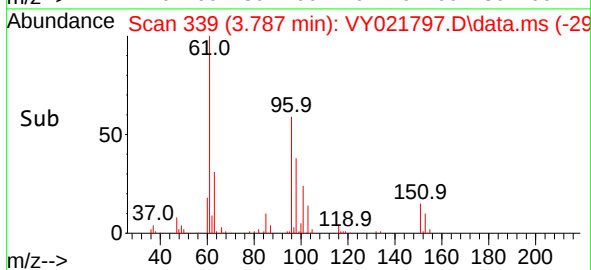
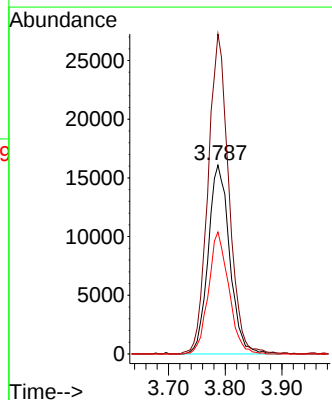
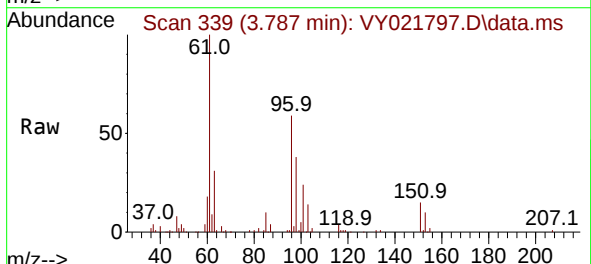
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

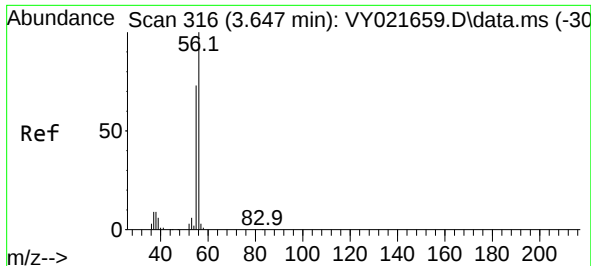
Tgt Ion: 59 Resp: 11661
Ion Ratio Lower Upper
59 100
57 6.4 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 20.112 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 96 Resp: 42296
Ion Ratio Lower Upper
96 100
61 169.5 136.6 204.8
98 64.6 52.3 78.5





#13

Acrolein

Concen: 48.988 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

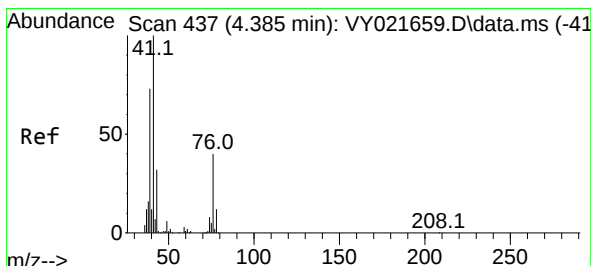
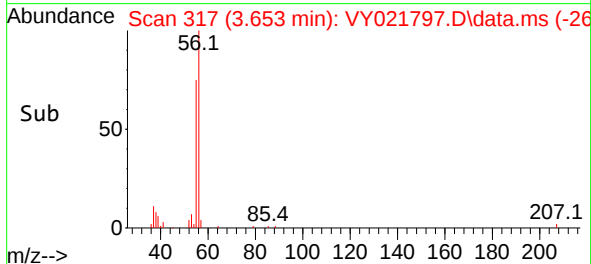
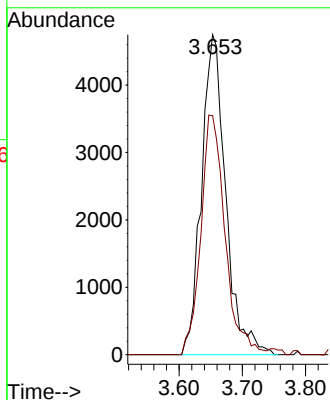
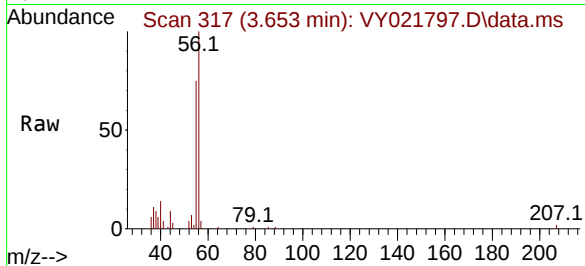
VY0407SBSD01

Tgt Ion: 56 Resp: 12621

Ion Ratio Lower Upper

56 100

55 75.0 56.6 85.0



#14

Allyl chloride

Concen: 19.562 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

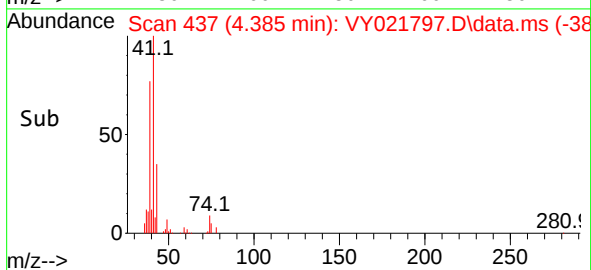
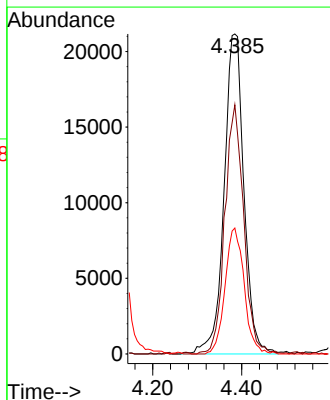
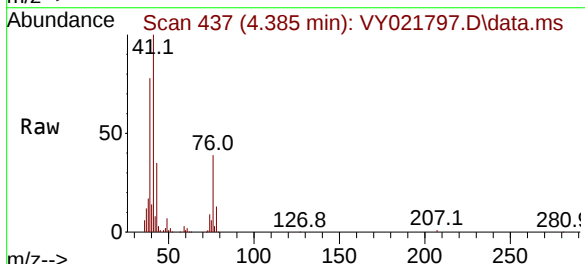
Tgt Ion: 41 Resp: 65591

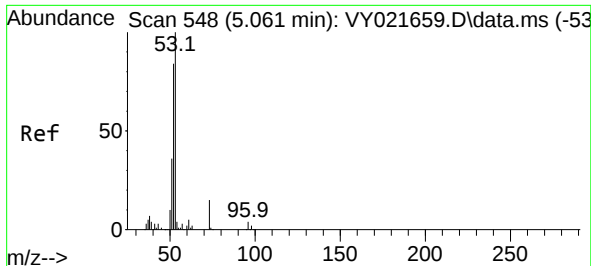
Ion Ratio Lower Upper

41 100

39 73.8 58.6 88.0

76 37.8 30.3 45.5

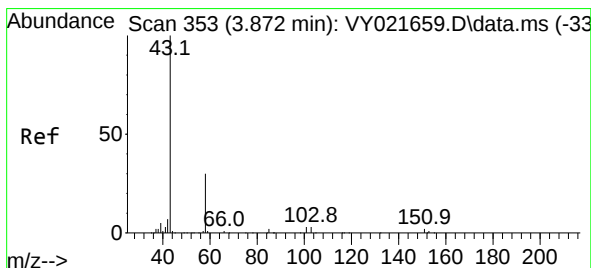
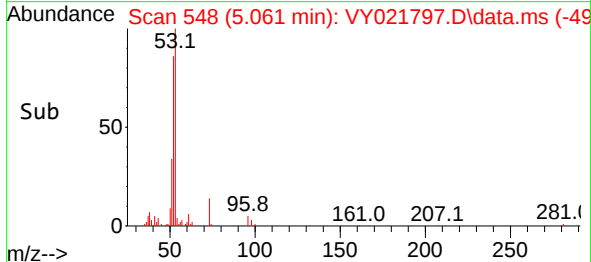
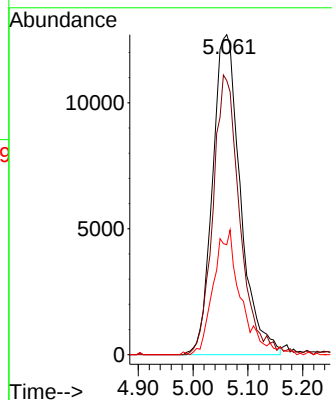
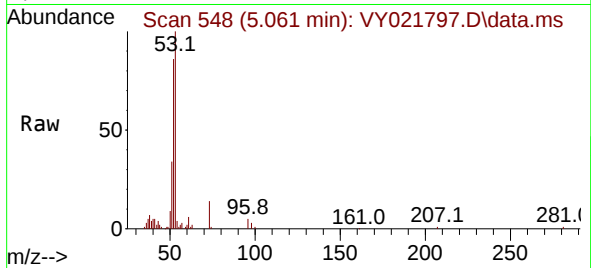




#15
Acrylonitrile
Concen: 93.538 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

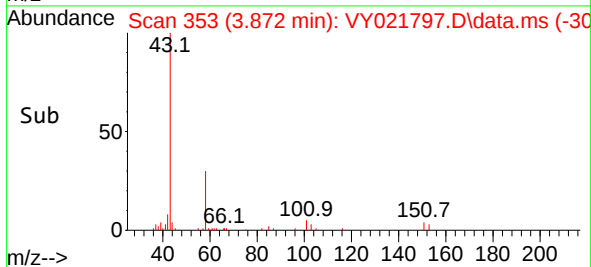
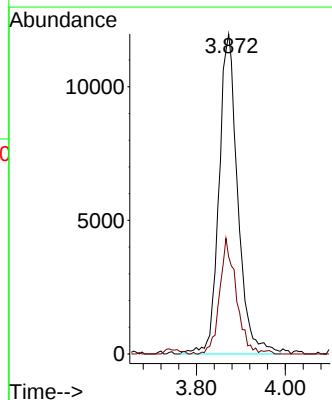
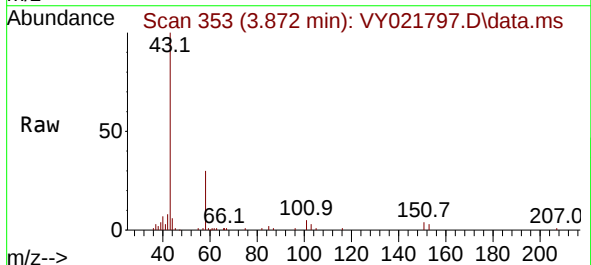
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

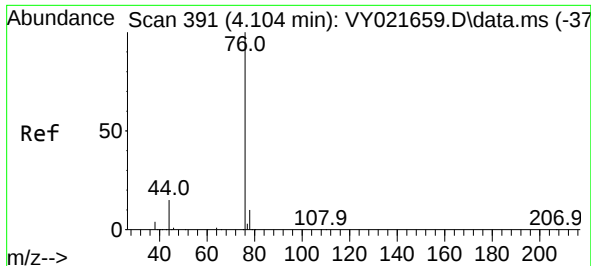
Tgt Ion: 53 Resp: 44961
Ion Ratio Lower Upper
53 100
52 84.3 64.9 97.3
51 38.7 30.2 45.2



#16
Acetone
Concen: 78.986 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 43 Resp: 35116
Ion Ratio Lower Upper
43 100
58 30.3 24.2 36.4

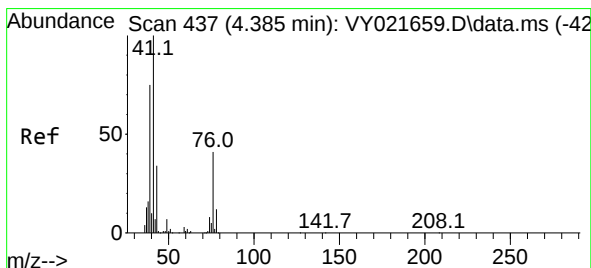
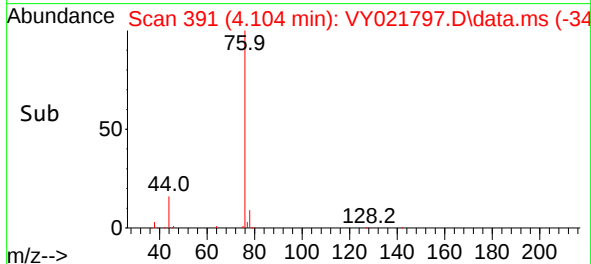
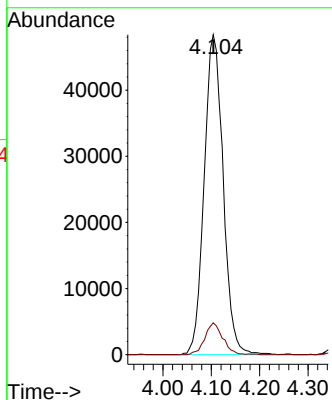
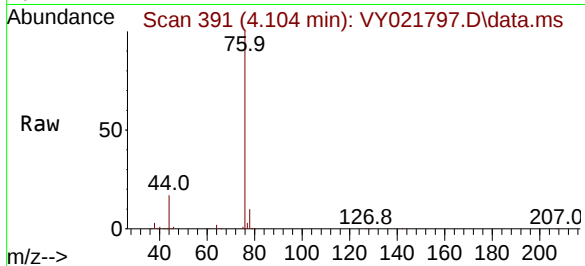




#17
Carbon Disulfide
Concen: 19.050 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

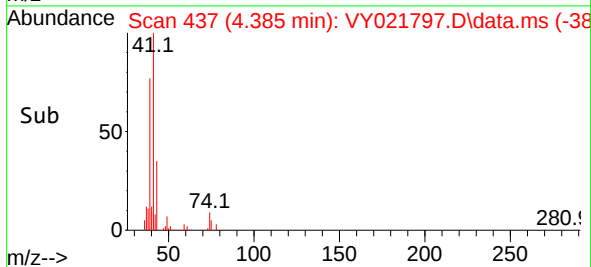
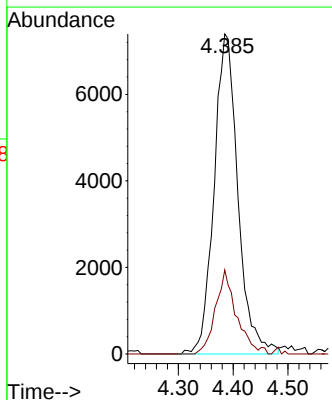
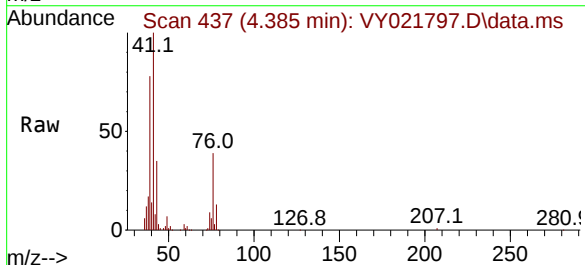
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

Tgt Ion: 76 Resp: 131956
Ion Ratio Lower Upper
76 100
78 9.9 7.6 11.4



#18
Methyl Acetate
Concen: 20.265 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 43 Resp: 22329
Ion Ratio Lower Upper
43 100
74 23.1 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 19.113 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

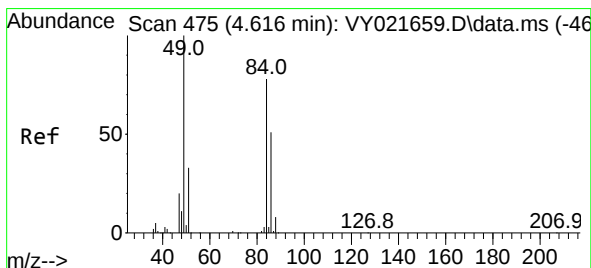
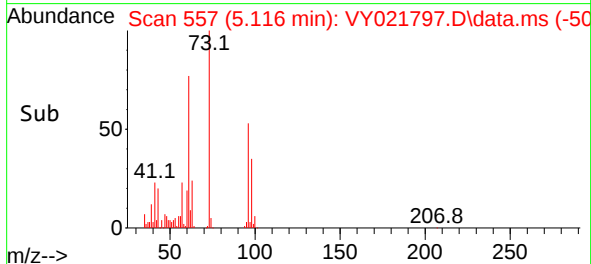
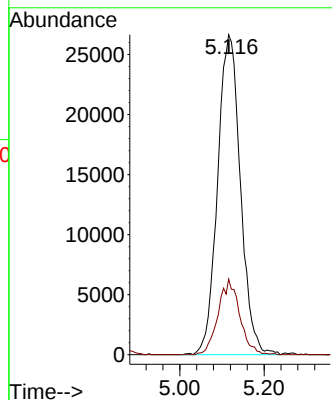
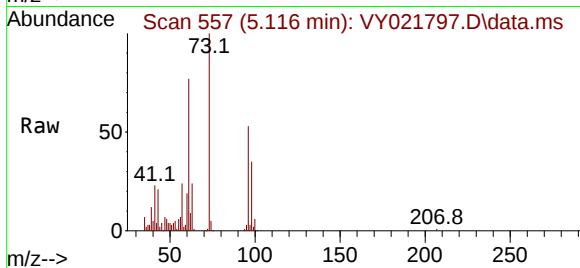
VY0407SBS01

Tgt Ion: 73 Resp: 100070

Ion Ratio Lower Upper

73 100

57 23.6 18.1 27.1



#20

Methylene Chloride

Concen: 19.660 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Tgt Ion: 84 Resp: 47875

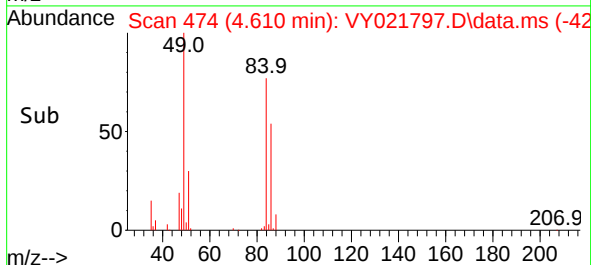
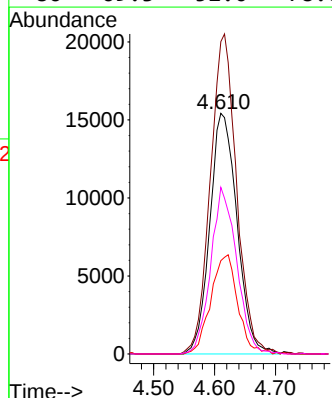
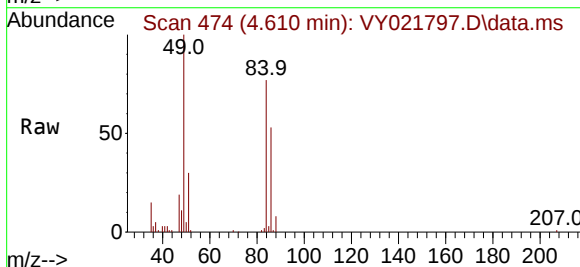
Ion Ratio Lower Upper

84 100

49 129.8 102.8 154.2

51 38.8 33.5 50.3

86 69.3 52.0 78.0

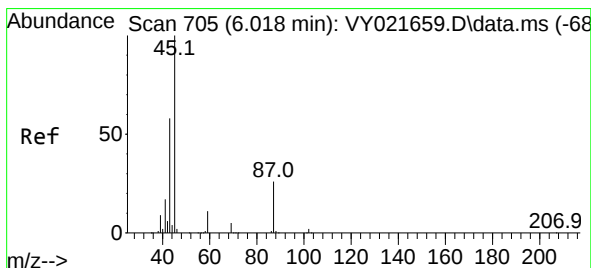
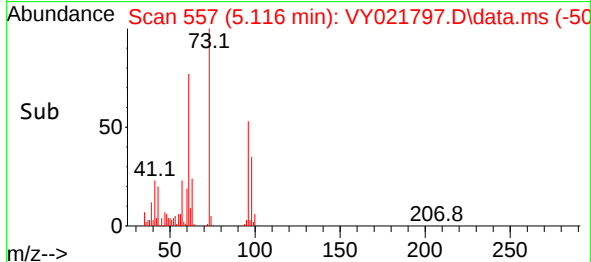
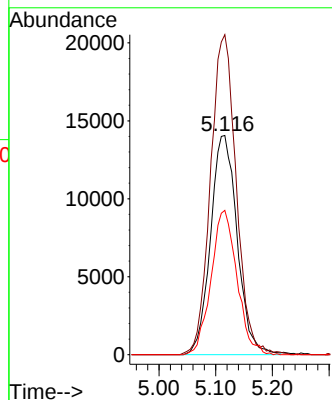
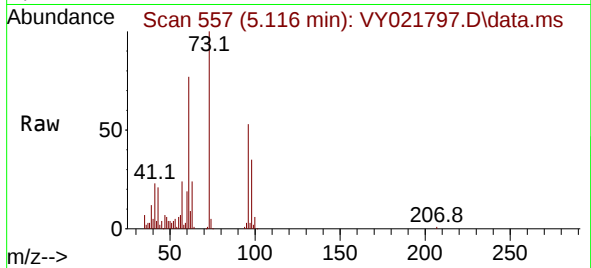




#21
trans-1,2-Dichloroethene
Concen: 19.791 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

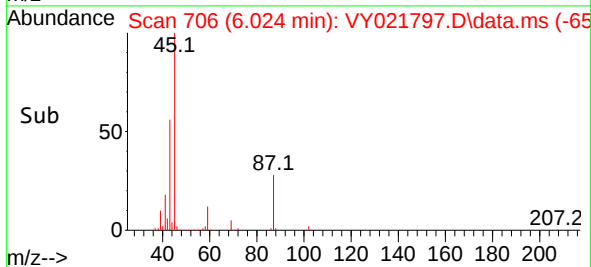
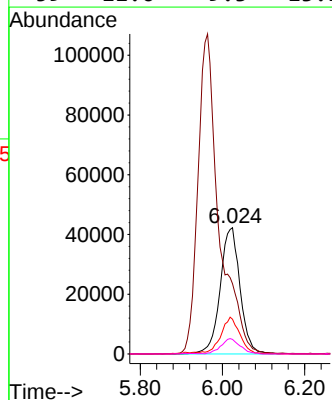
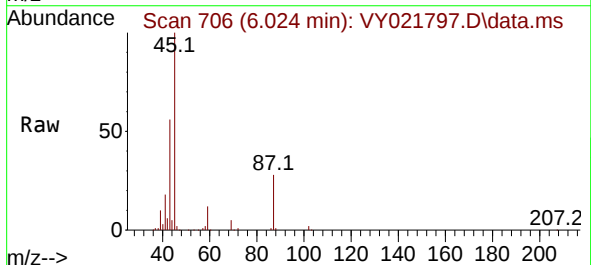
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

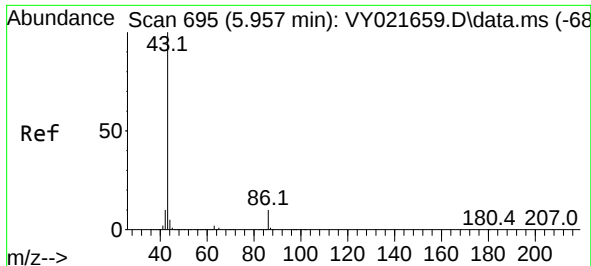
Tgt Ion: 96 Resp: 45825
Ion Ratio Lower Upper
96 100
61 146.0 109.4 164.0
98 65.9 50.2 75.2



#22
Diisopropyl ether
Concen: 20.171 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 45 Resp: 141880
Ion Ratio Lower Upper
45 100
43 55.0 46.6 69.8
87 27.6 20.7 31.1
59 11.6 9.3 13.9

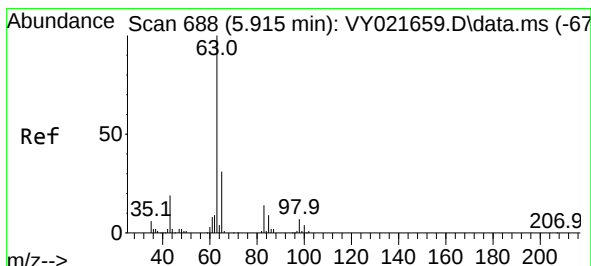
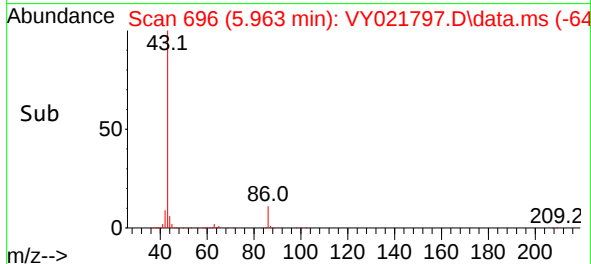
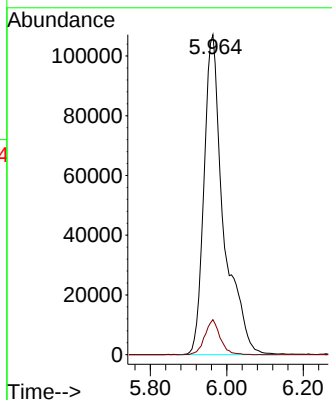
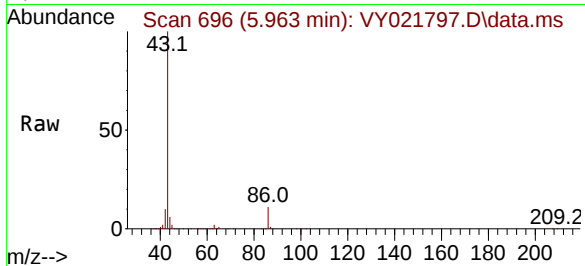




#23
 Vinyl Acetate
 Concen: 92.738 ug/l
 RT: 5.963 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021797.D
 Acq: 07 Apr 2025 14:30

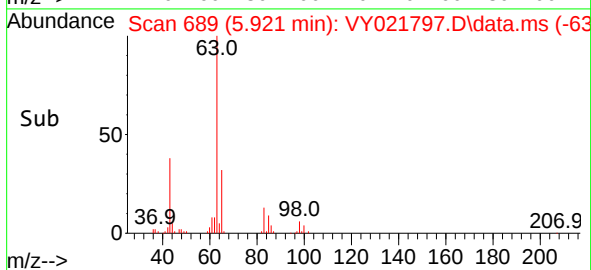
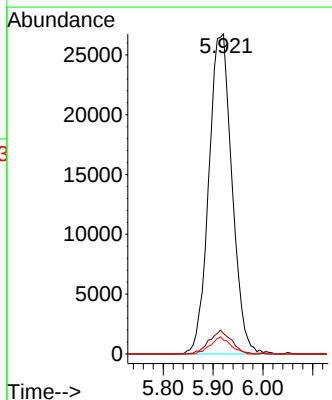
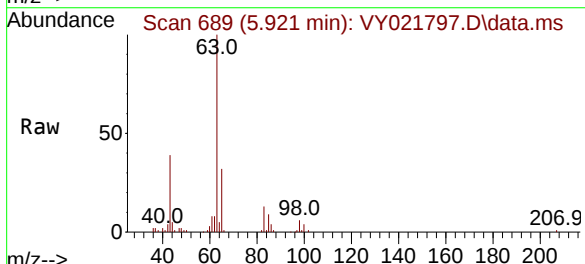
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0407SBS01

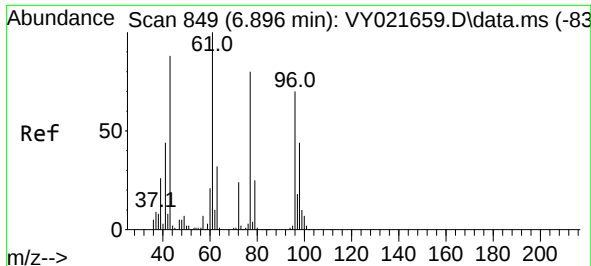
Tgt Ion: 43 Resp: 381601
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.547 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY021797.D
 Acq: 07 Apr 2025 14:30

Tgt Ion: 63 Resp: 86420
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.5
 100 4.3 2.2 6.6

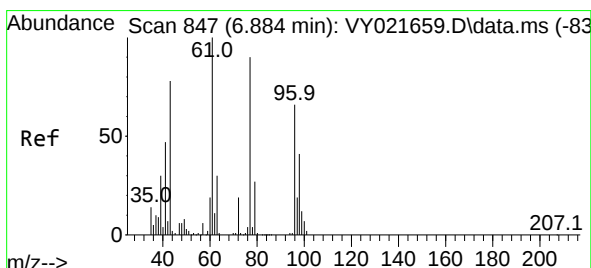
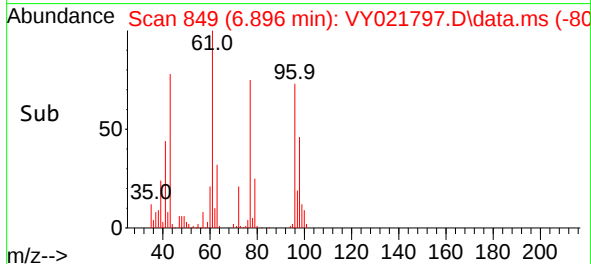
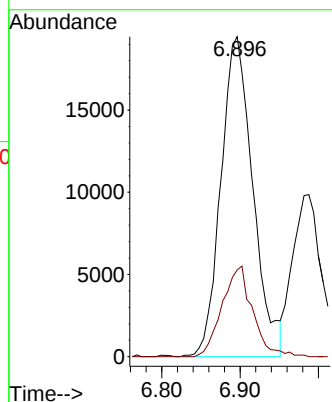
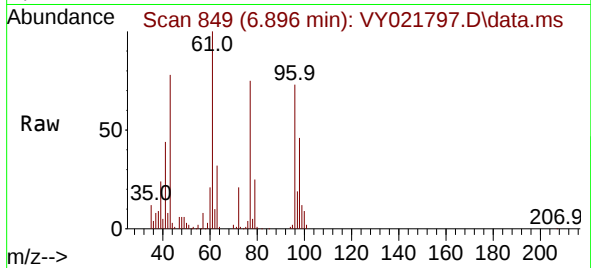




#25
2-Butanone
Concen: 86.942 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

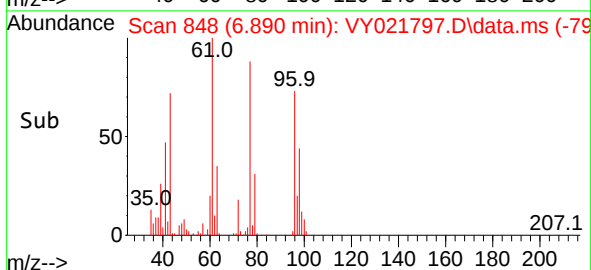
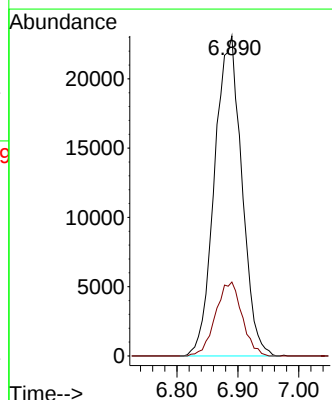
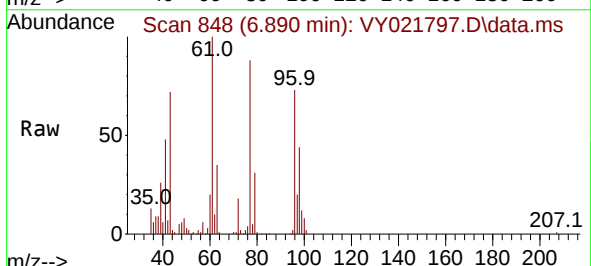
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

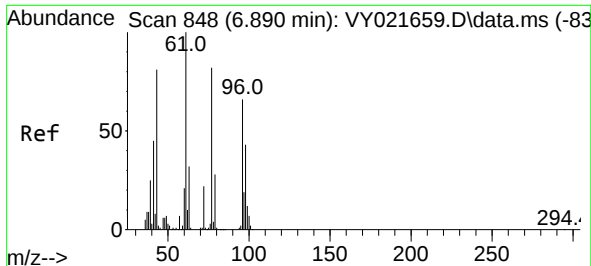
Tgt Ion: 43 Resp: 55209
Ion Ratio Lower Upper
43 100
72 27.1 21.4 32.2



#26
2,2-Dichloropropane
Concen: 19.159 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 77 Resp: 71680
Ion Ratio Lower Upper
77 100
97 22.5 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 20.097 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

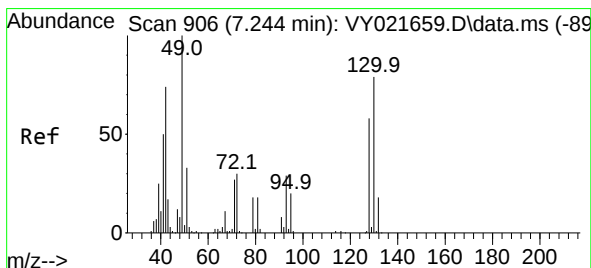
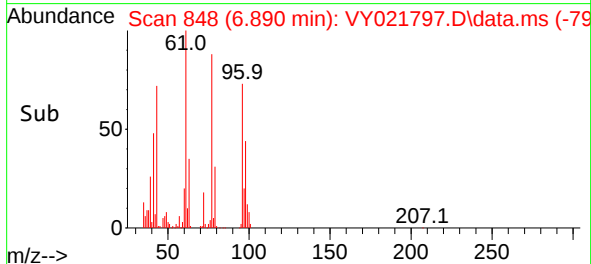
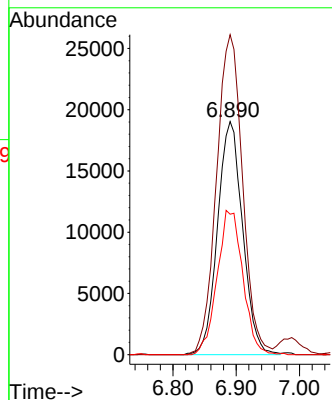
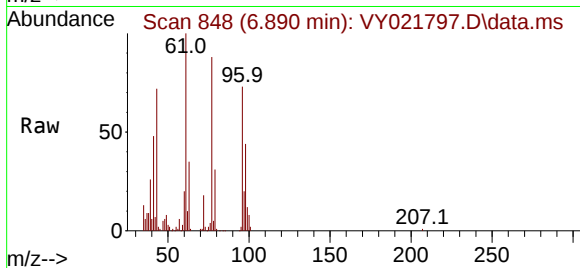
Tgt Ion: 96 Resp: 52331

Ion Ratio Lower Upper

96 100

61 142.8 0.0 296.4

98 63.4 0.0 128.0



#28

Bromochloromethane

Concen: 20.204 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

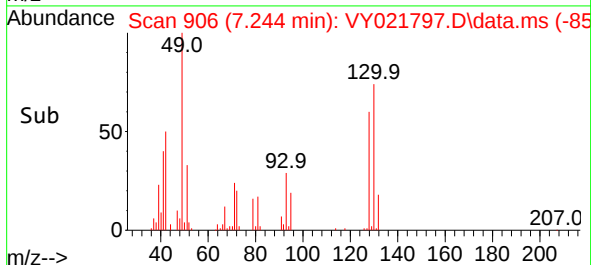
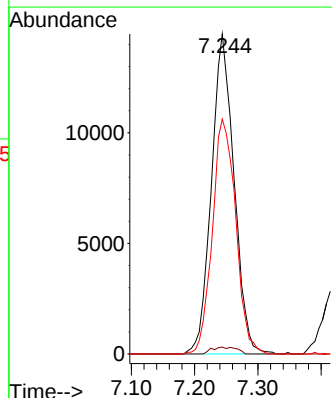
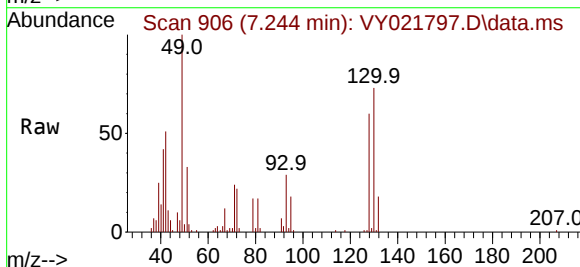
Tgt Ion: 49 Resp: 35838

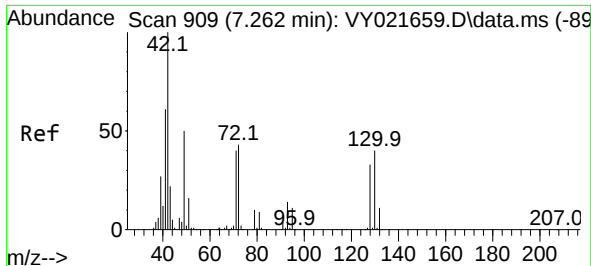
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.4

130 75.9 60.1 90.1





#29

Tetrahydrofuran

Concen: 89.693 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBSD01

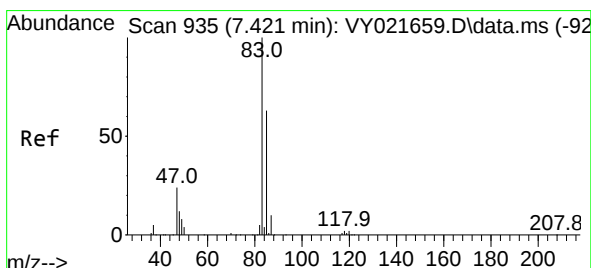
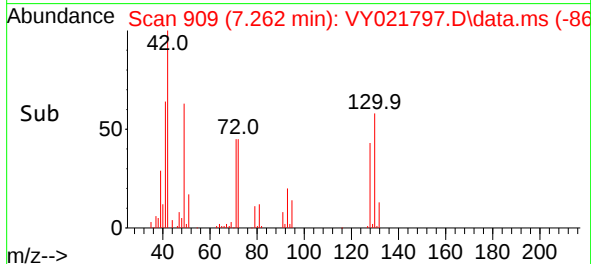
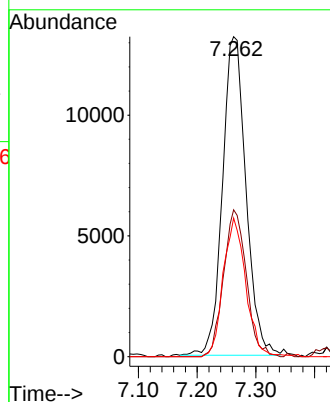
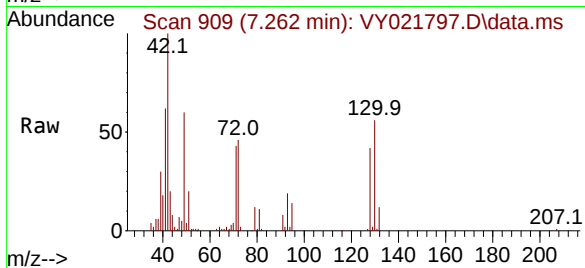
Tgt Ion: 42 Resp: 36656

Ion Ratio Lower Upper

42 100

72 44.7 34.6 52.0

71 41.9 32.5 48.7



#30

Chloroform

Concen: 20.421 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021797.D

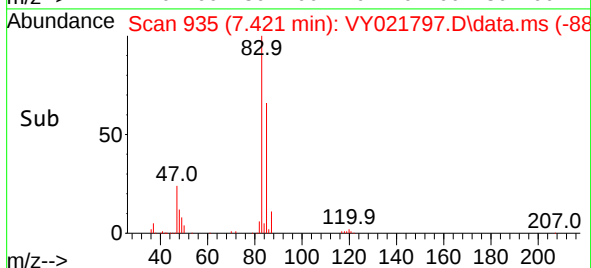
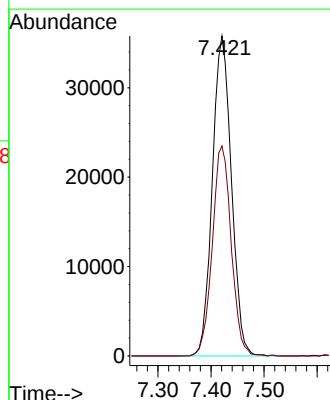
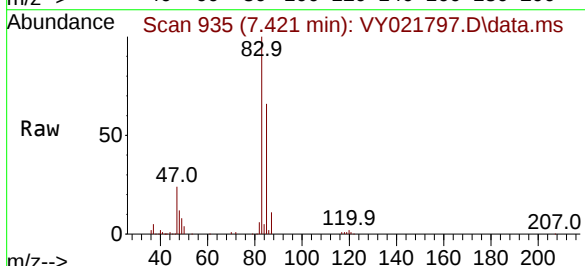
Acq: 07 Apr 2025 14:30

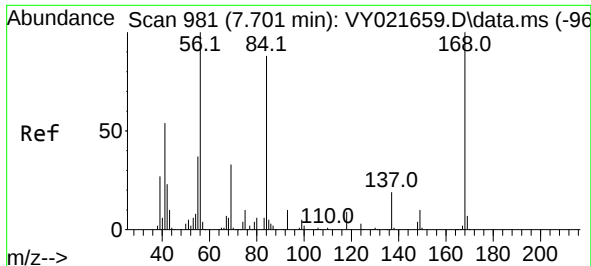
Tgt Ion: 83 Resp: 89332

Ion Ratio Lower Upper

83 100

85 65.6 50.6 75.8

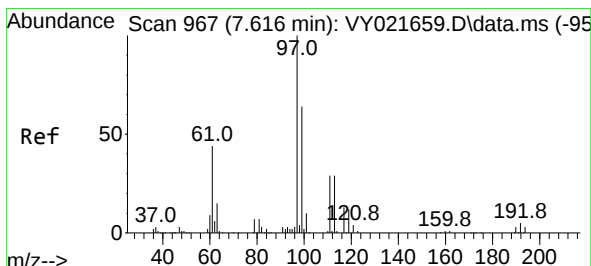
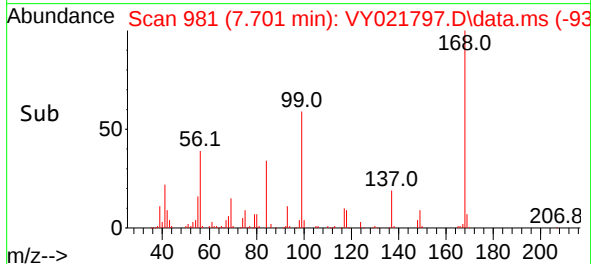
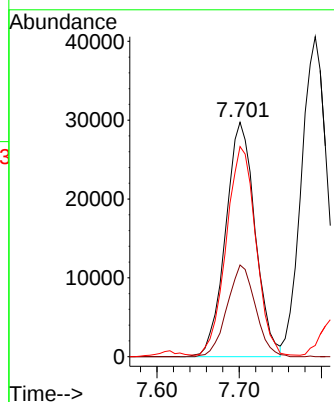
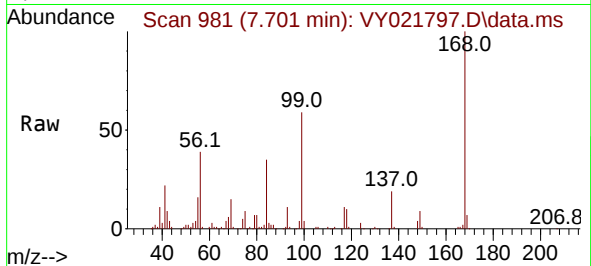




#31
Cyclohexane
Concen: 19.391 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

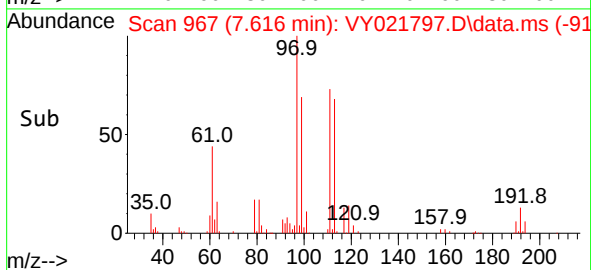
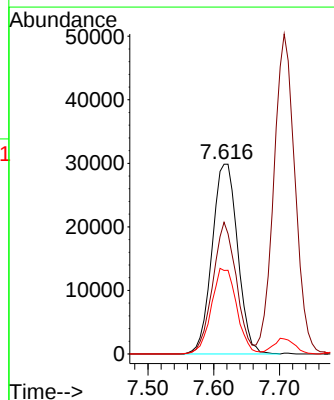
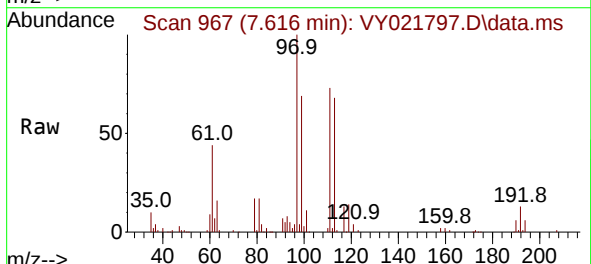
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

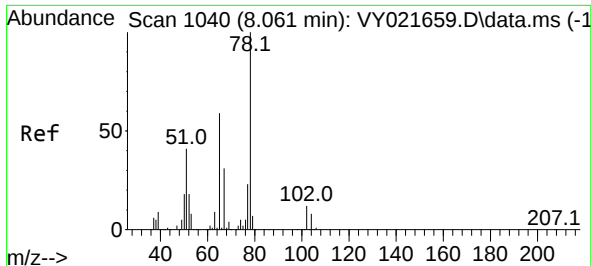
Tgt Ion: 56 Resp: 74343
Ion Ratio Lower Upper
56 100
69 39.1 26.6 40.0
84 88.0 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 20.475 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 97 Resp: 80955
Ion Ratio Lower Upper
97 100
99 63.7 50.7 76.1
61 44.5 35.2 52.8

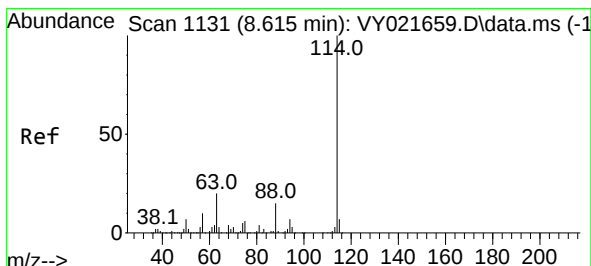
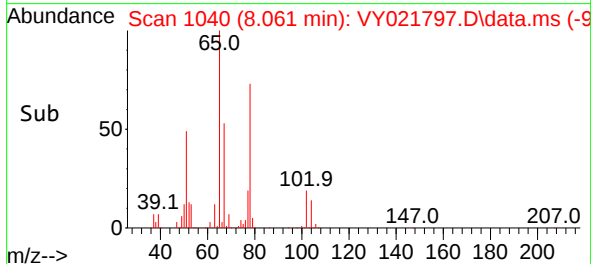
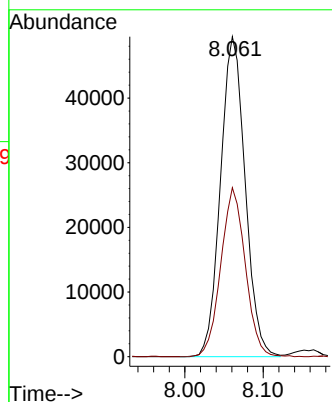
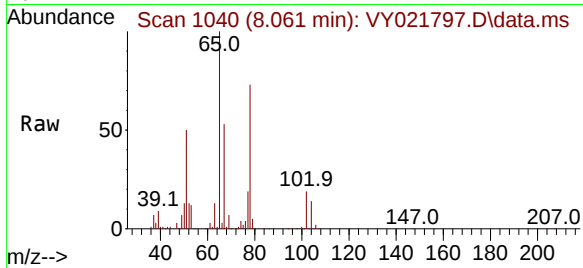




#33
1,2-Dichloroethane-d4
Concen: 49.853 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

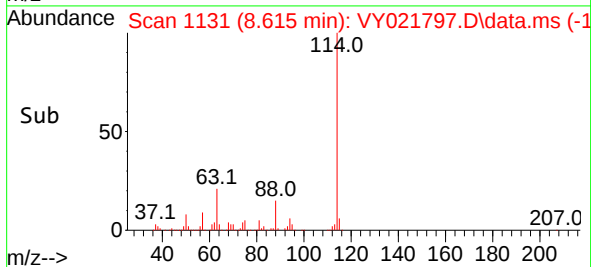
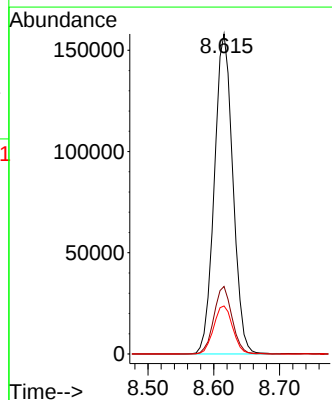
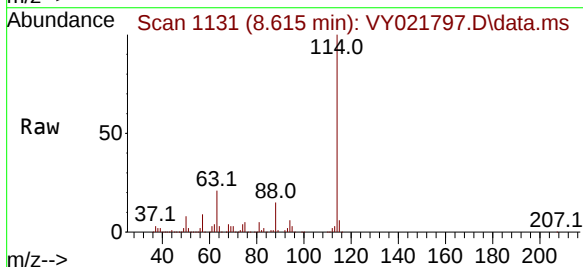
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

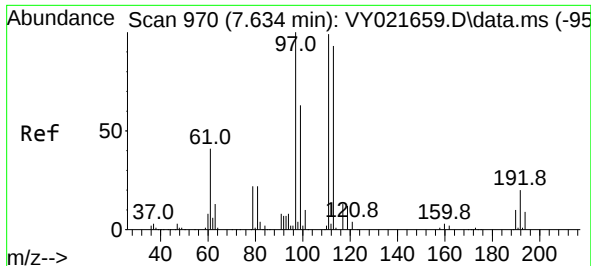
Tgt Ion: 65 Resp: 108296
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 114 Resp: 309489
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.2
88 15.0 0.0 29.8

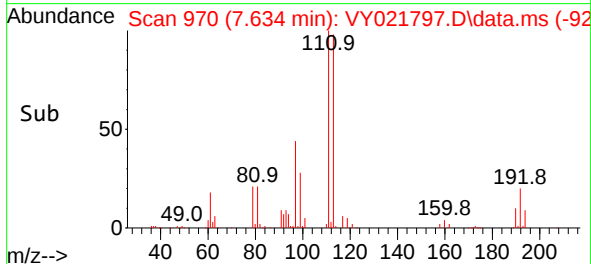
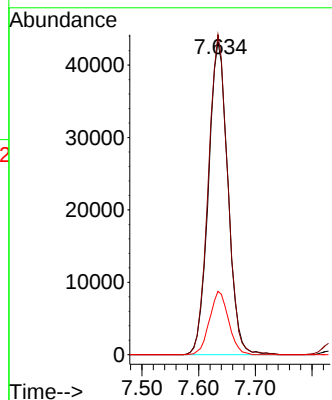
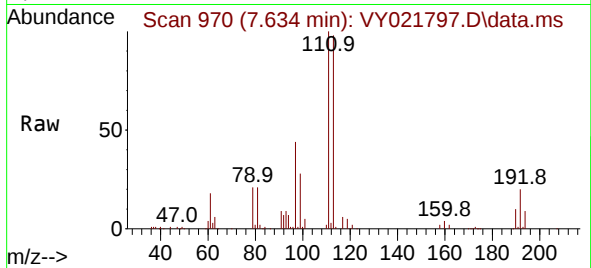




#35
Dibromofluoromethane
Concen: 51.261 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

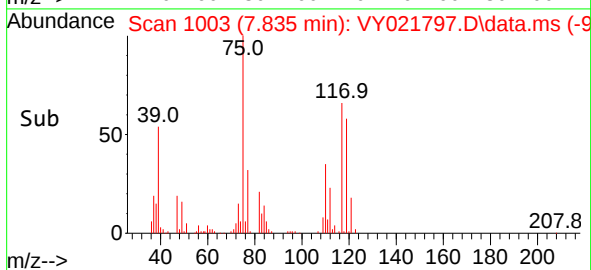
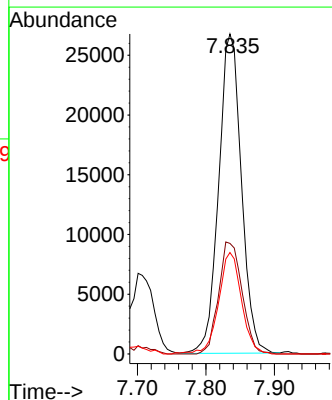
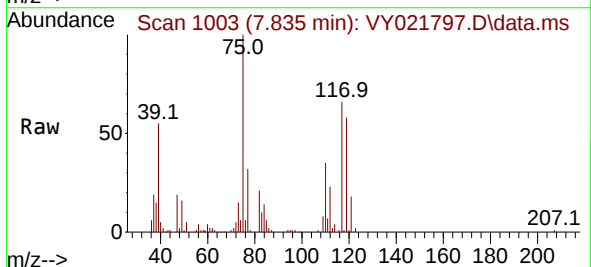
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

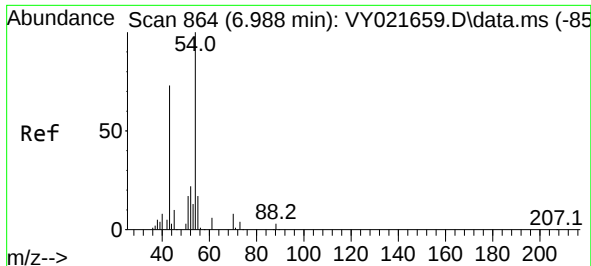
Tgt Ion:113 Resp: 102912
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 19.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 20.103 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 75 Resp: 61474
Ion Ratio Lower Upper
75 100
110 36.1 17.0 50.9
77 32.0 24.8 37.2

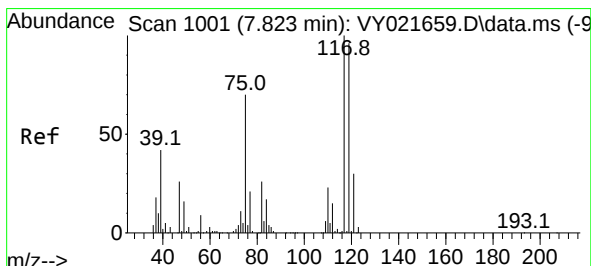
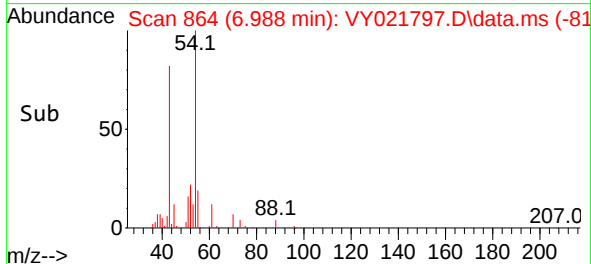
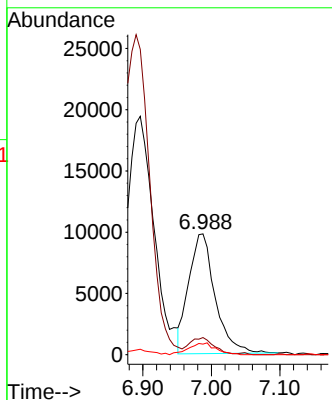
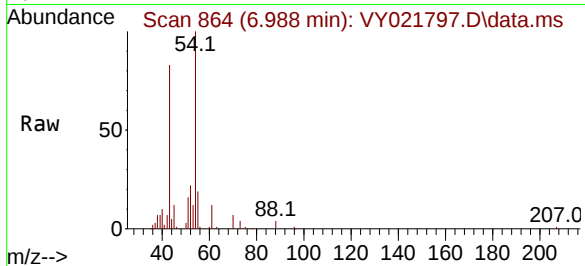




#37
Ethyl Acetate
Concen: 18.133 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

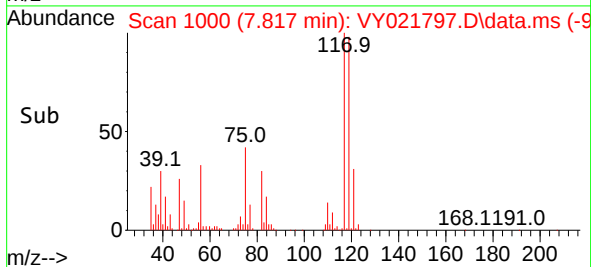
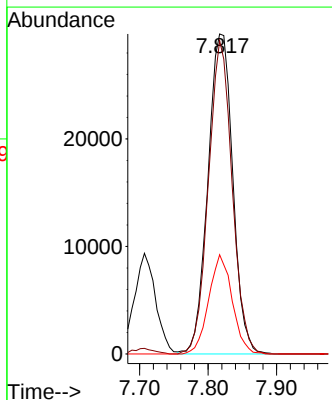
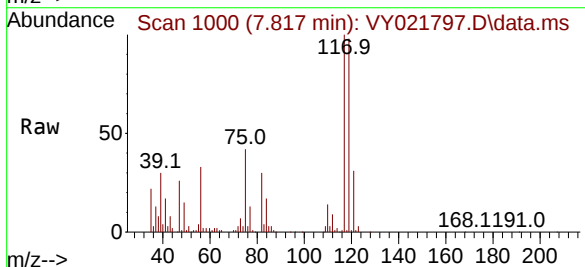
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

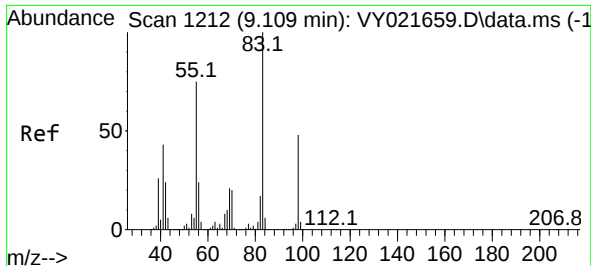
Tgt Ion: 43 Resp: 26169
Ion Ratio Lower Upper
43 100
61 11.9 11.0 16.6
70 9.9 8.1 12.1



#38
Carbon Tetrachloride
Concen: 21.402 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 117 Resp: 74956
Ion Ratio Lower Upper
117 100
119 97.9 76.2 114.4
121 31.0 24.2 36.4





#39

Methylcyclohexane

Concen: 19.829 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBSD01

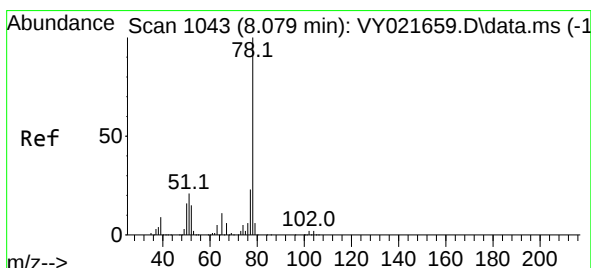
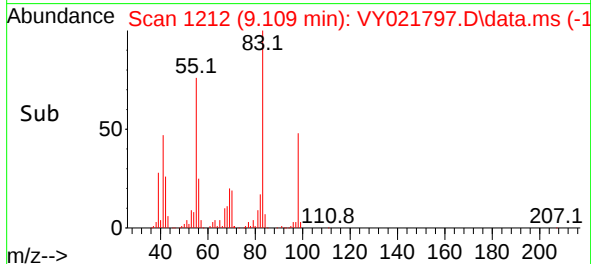
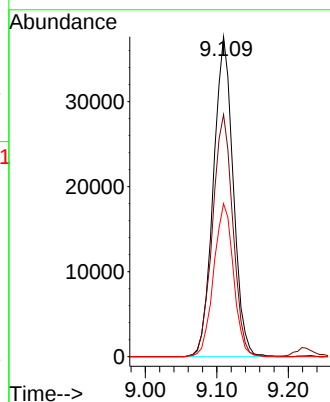
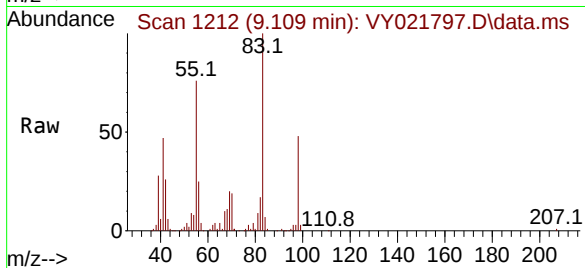
Tgt Ion: 83 Resp: 72436

Ion Ratio Lower Upper

83 100

55 75.7 59.7 89.5

98 47.8 38.3 57.5



#40

Benzene

Concen: 20.873 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021797.D

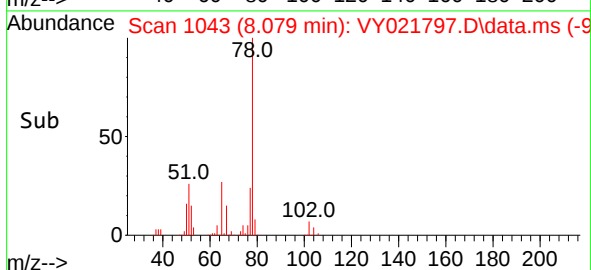
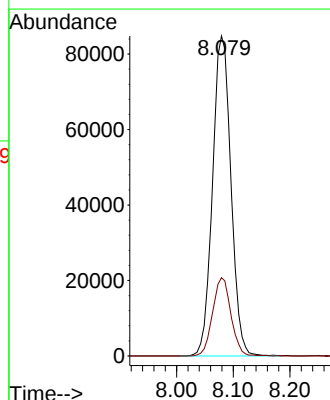
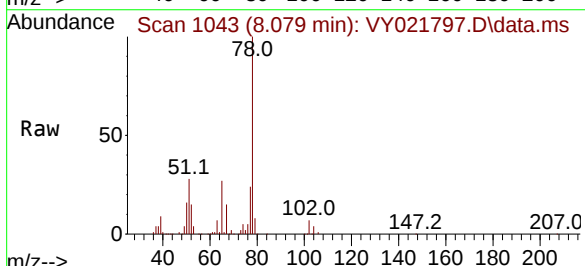
Acq: 07 Apr 2025 14:30

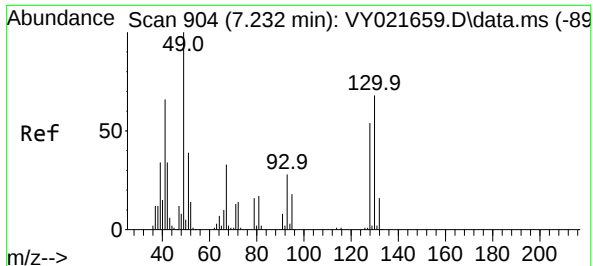
Tgt Ion: 78 Resp: 191150

Ion Ratio Lower Upper

78 100

77 24.5 18.8 28.2

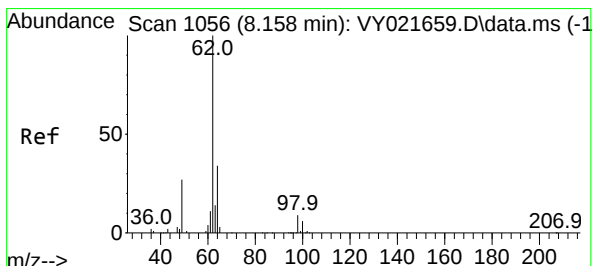
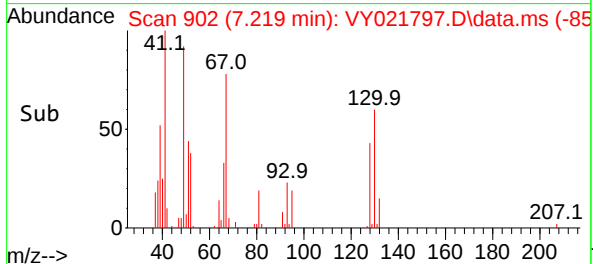
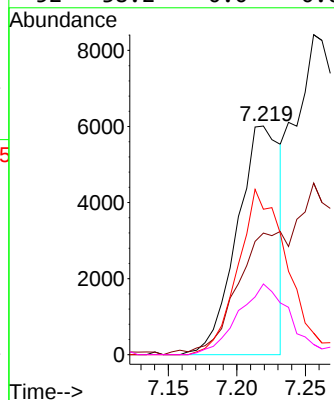
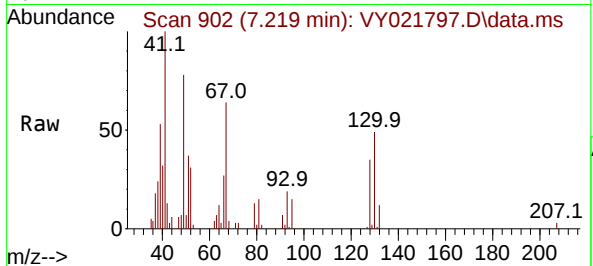




#41
Methacrylonitrile
Concen: 17.184 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

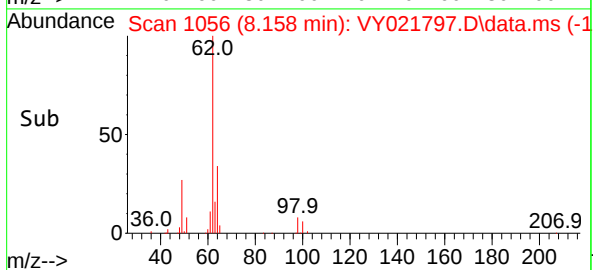
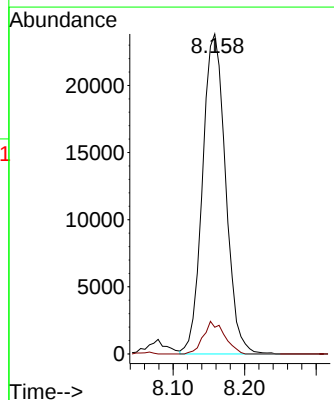
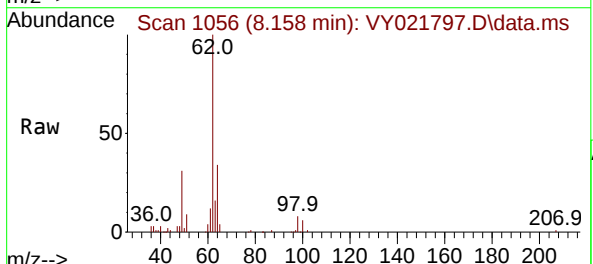
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

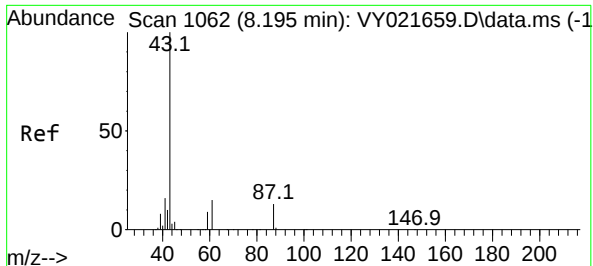
Tgt Ion: 41 Resp: 13170
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 85.6 0.0 0.0#
52 38.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 20.687 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 62 Resp: 53408
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43

Isopropyl Acetate

Concen: 19.008 ug/l

RT: 8.195 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

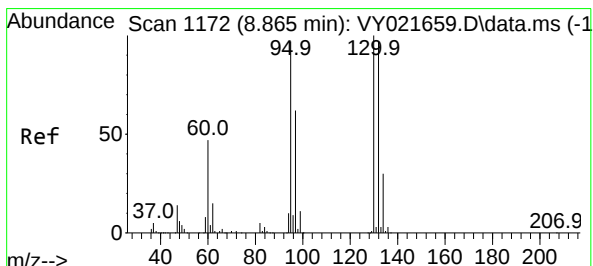
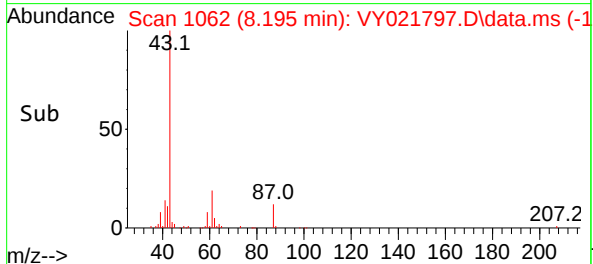
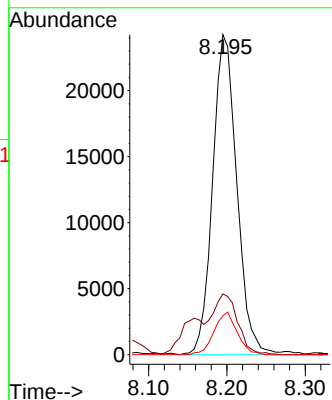
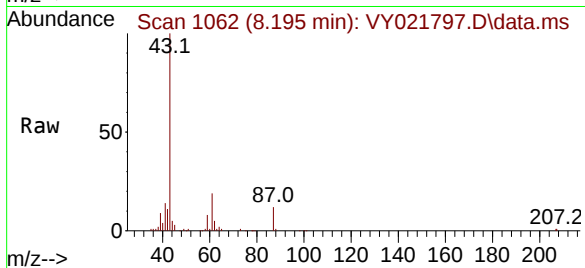
Tgt Ion: 43 Resp: 51984

Ion Ratio Lower Upper

43 100

61 20.2 15.9 23.9

87 12.7 10.4 15.6



#44

Trichloroethene

Concen: 21.781 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021797.D

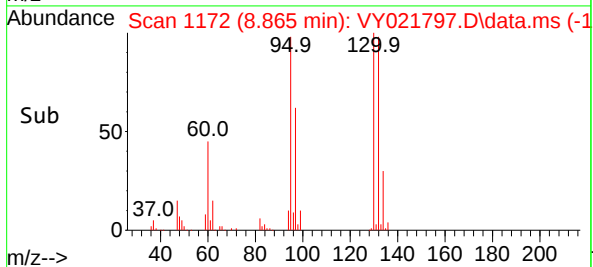
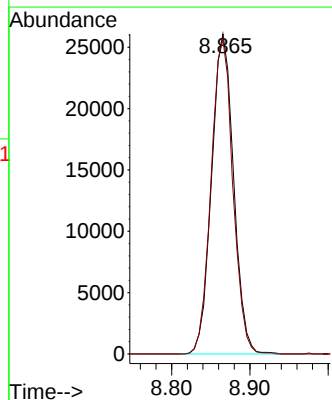
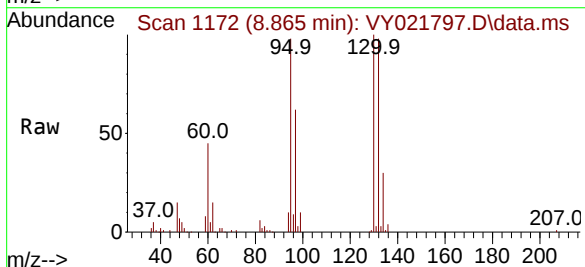
Acq: 07 Apr 2025 14:30

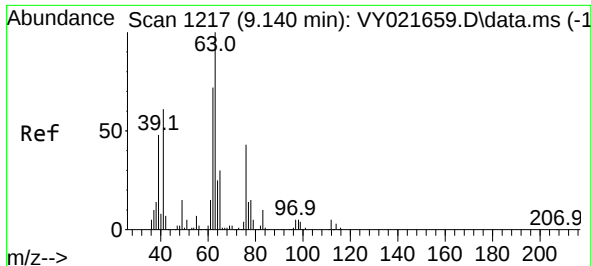
Tgt Ion:130 Resp: 50822

Ion Ratio Lower Upper

130 100

95 98.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 21.173 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

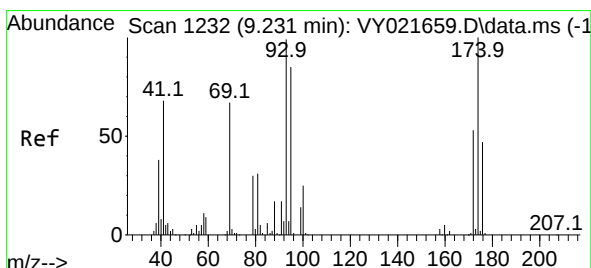
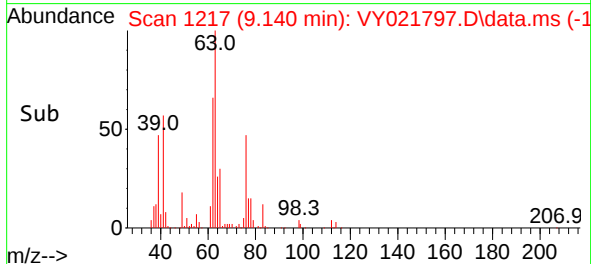
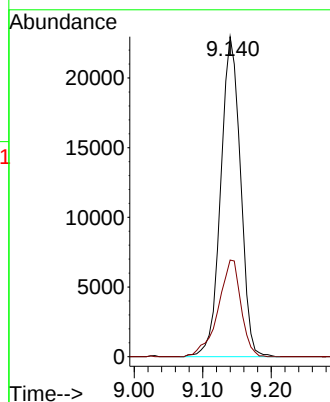
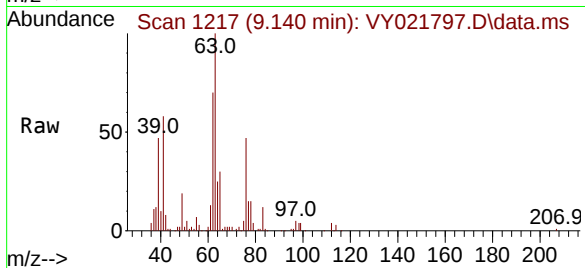
VY0407SBSD01

Tgt Ion: 63 Resp: 45897

Ion Ratio Lower Upper

63 100

65 30.2 24.4 36.6



#46

Dibromomethane

Concen: 20.710 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

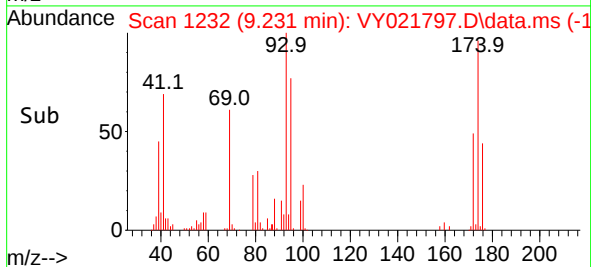
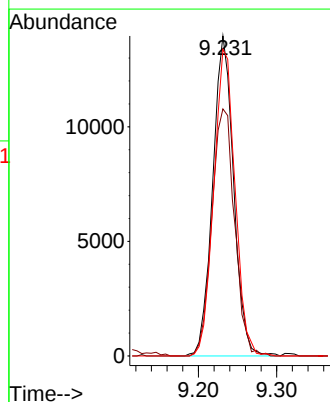
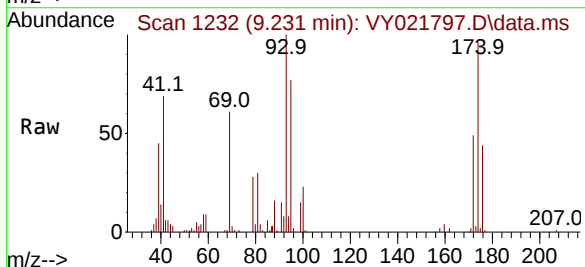
Tgt Ion: 93 Resp: 25872

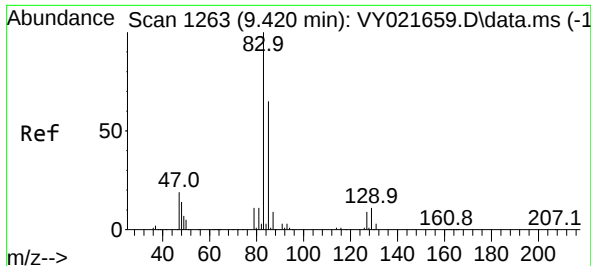
Ion Ratio Lower Upper

93 100

95 83.9 68.1 102.1

174 97.8 80.9 121.3

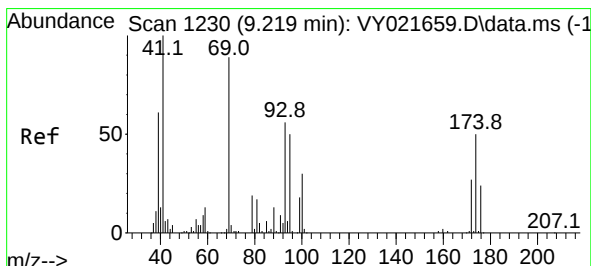
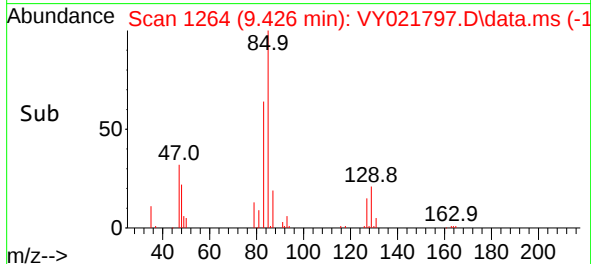
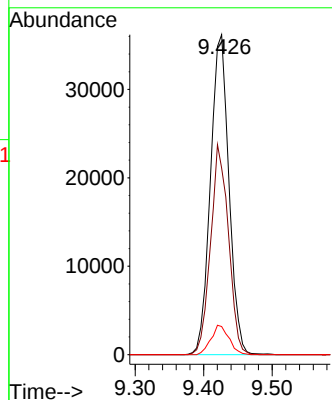
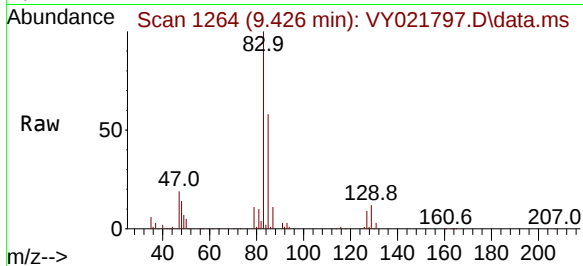




#47
Bromodichloromethane
Concen: 20.893 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

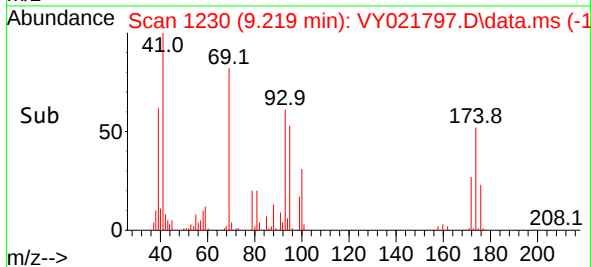
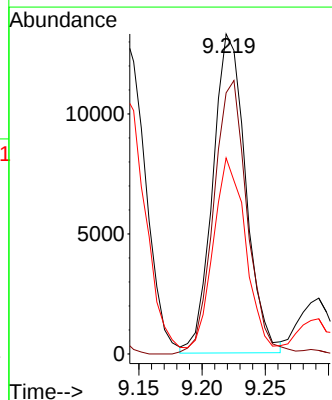
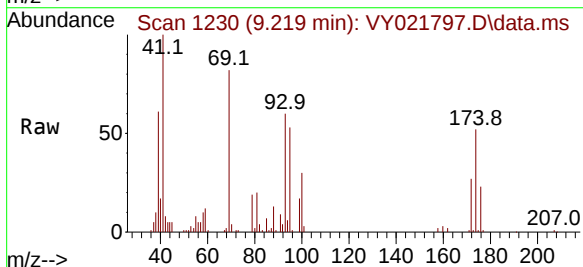
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

Tgt Ion: 83 Resp: 67634
Ion Ratio Lower Upper
83 100
85 58.3 51.8 77.6
127 8.8 6.8 10.2



#48
Methyl methacrylate
Concen: 19.242 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 41 Resp: 24153
Ion Ratio Lower Upper
41 100
69 86.4 69.8 104.8
39 57.5 47.2 70.8

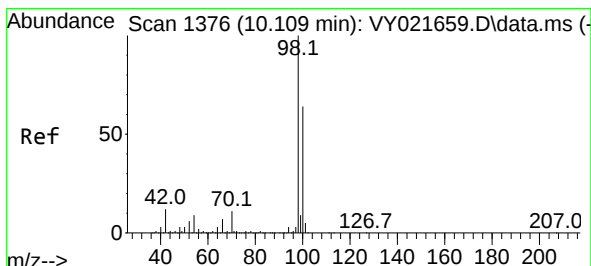
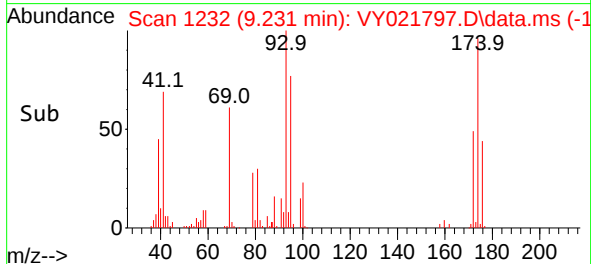
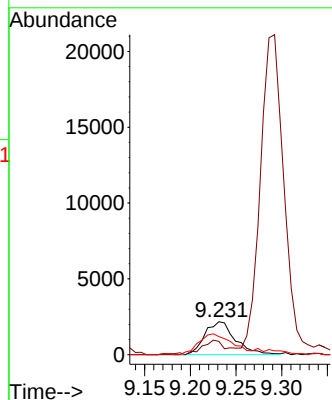
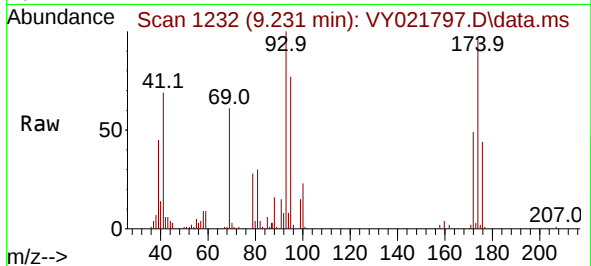




#49
1,4-Dioxane
Concen: 377.046 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

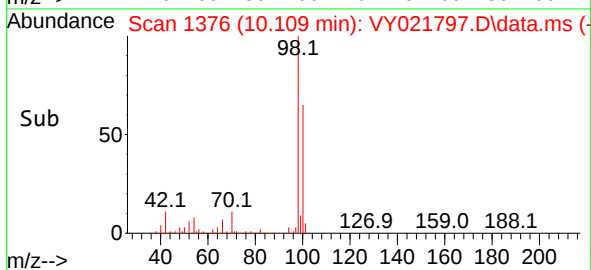
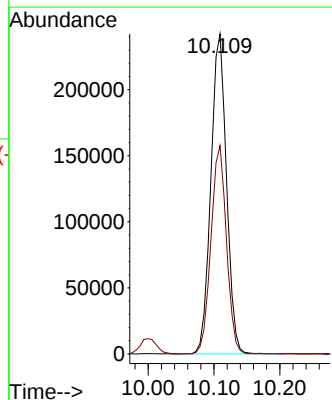
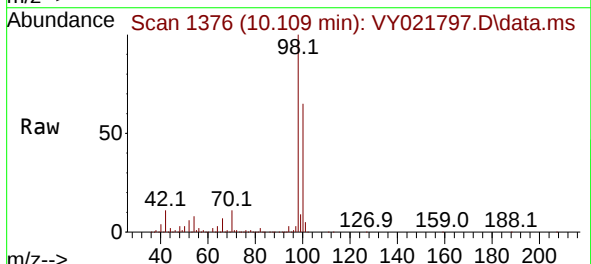
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

Tgt Ion: 88 Resp: 5046
Ion Ratio Lower Upper
88 100
43 37.0 28.8 43.2
58 69.8 59.4 89.2



#50
Toluene-d8
Concen: 52.457 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 98 Resp: 400641
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

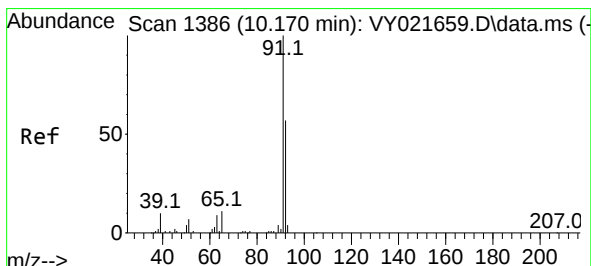
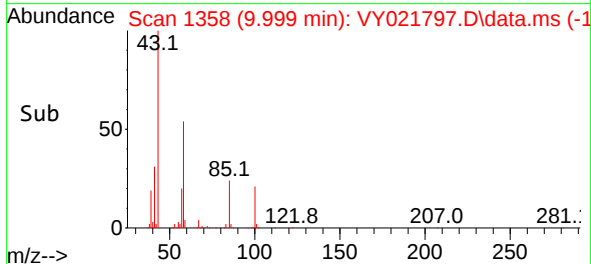
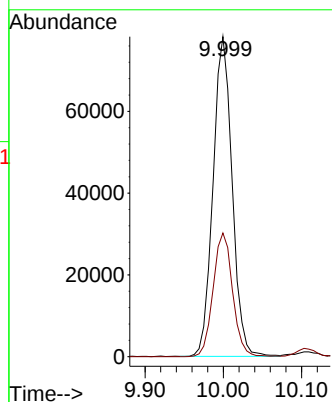
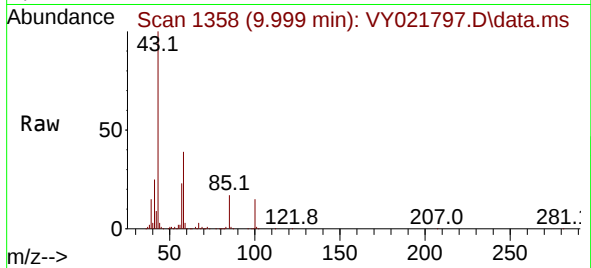




#51
4-Methyl-2-Pentanone
Concen: 93.129 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

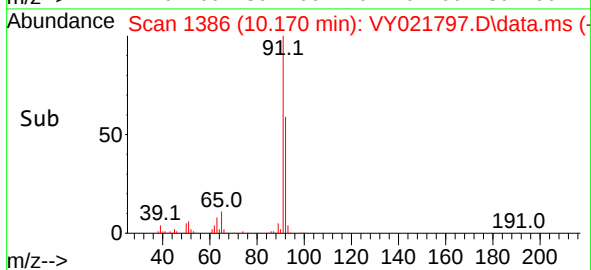
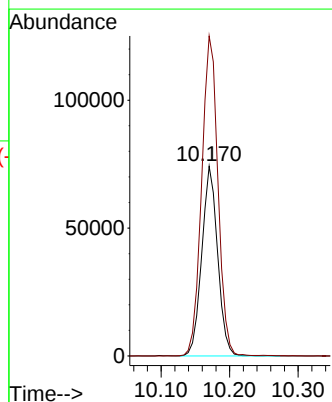
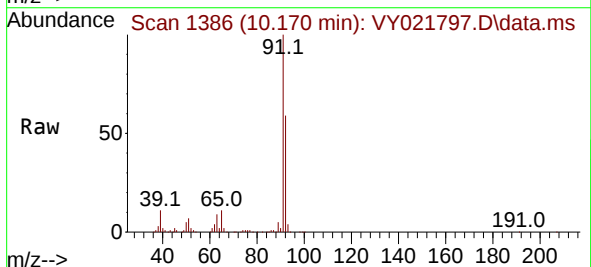
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

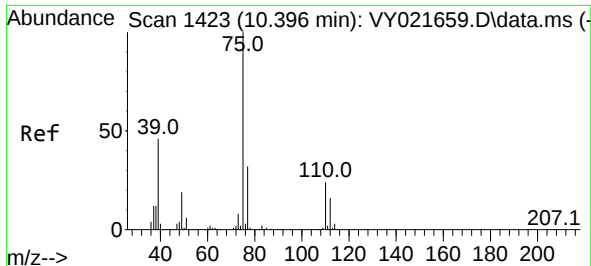
Tgt Ion: 43 Resp: 132544
Ion Ratio Lower Upper
43 100
58 39.5 31.5 47.3



#52
Toluene
Concen: 20.922 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 92 Resp: 119539
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8

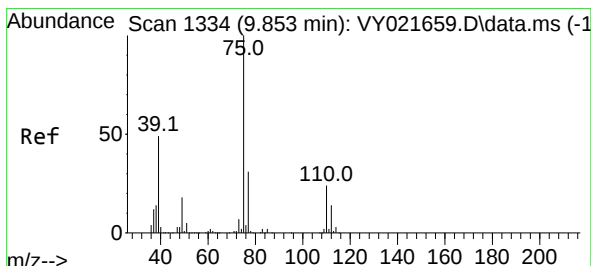
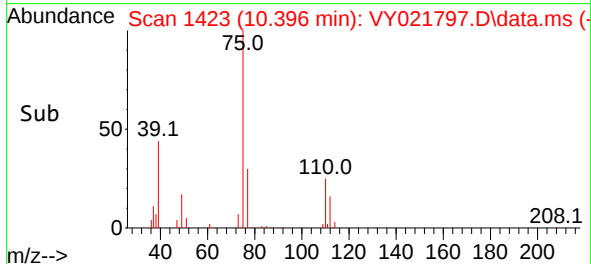
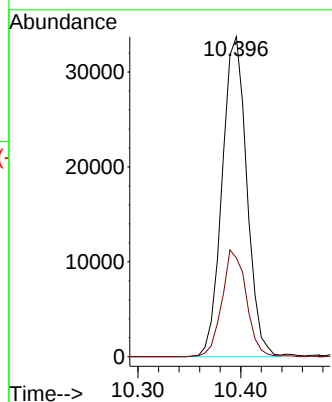
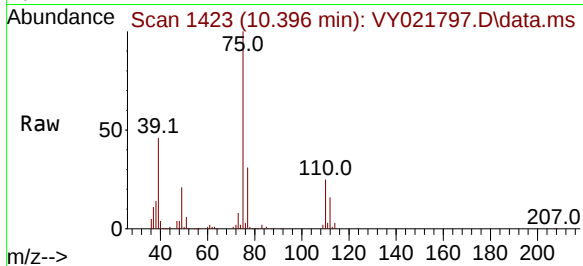




#53
t-1,3-Dichloropropene
Concen: 19.542 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

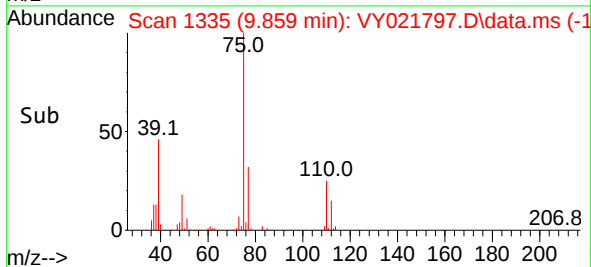
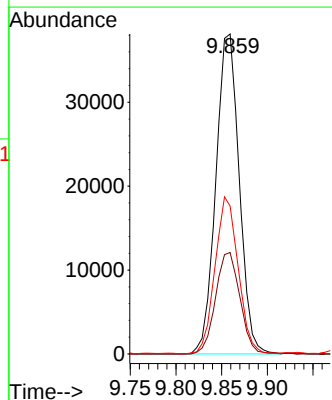
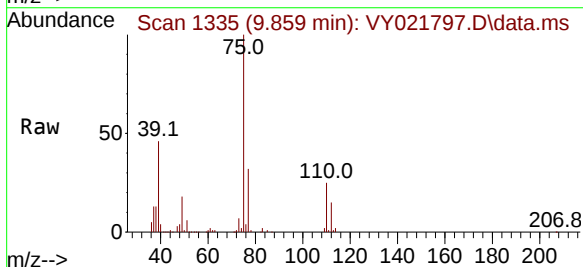
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

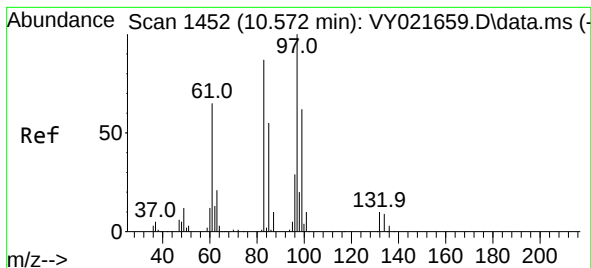
Tgt Ion: 75 Resp: 56189
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.995 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 75 Resp: 67824
Ion Ratio Lower Upper
75 100
77 31.7 24.9 37.3
39 46.2 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.605 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

Tgt Ion: 97 Resp: 33126

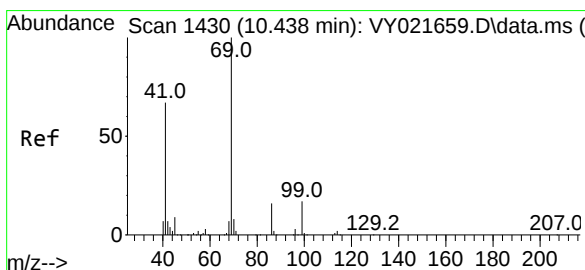
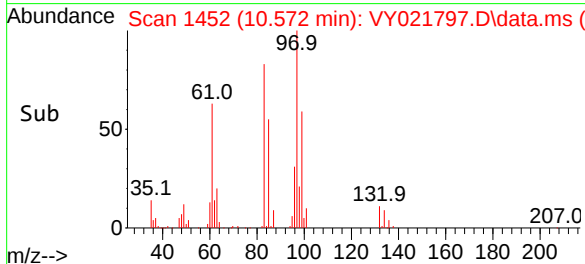
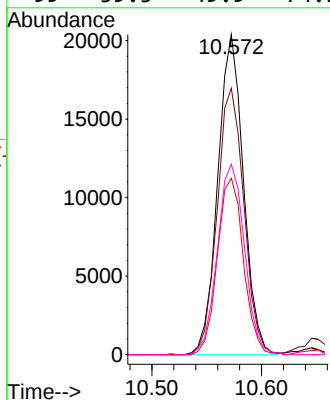
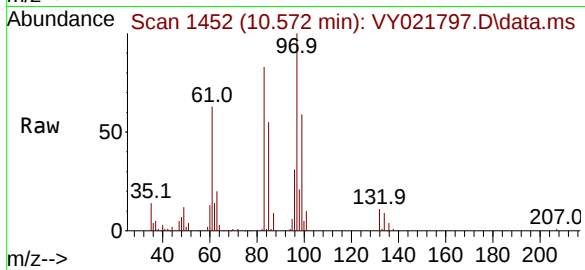
Ion Ratio Lower Upper

97 100

83 83.3 69.5 104.3

85 55.2 43.9 65.9

99 59.5 49.9 74.9



#56

Ethyl methacrylate

Concen: 19.192 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

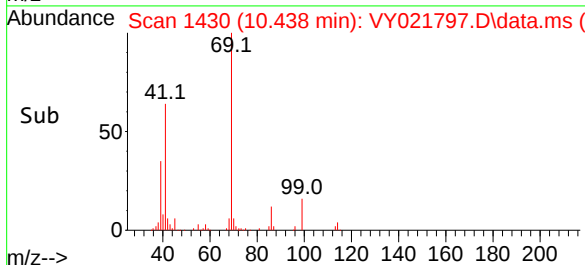
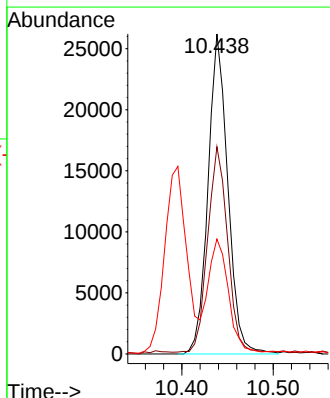
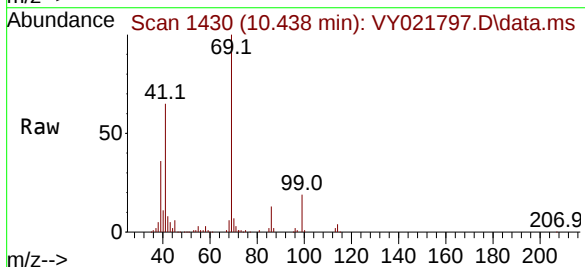
Tgt Ion: 69 Resp: 39397

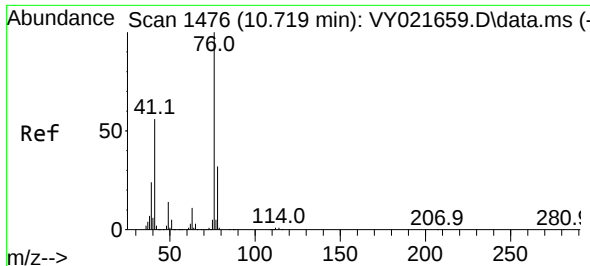
Ion Ratio Lower Upper

69 100

41 64.1 53.8 80.6

39 35.5 29.6 44.4





#57

1,3-Dichloropropane

Concen: 20.248 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

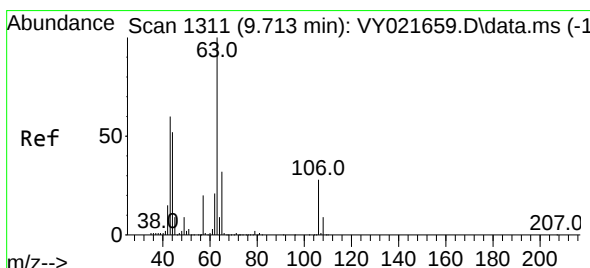
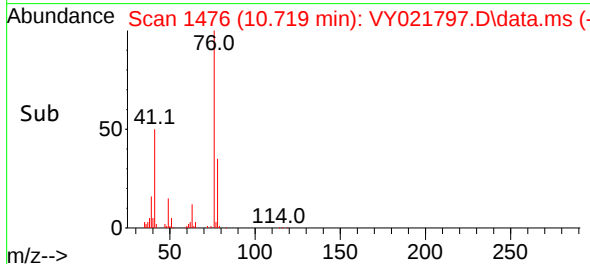
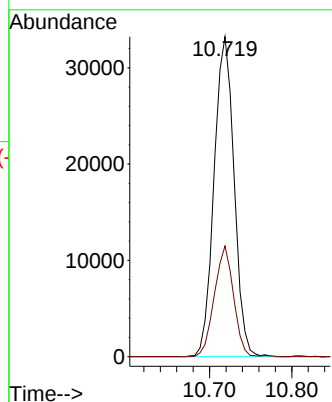
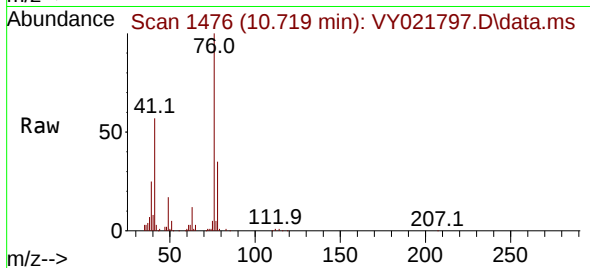
VY0407SBSD01

Tgt Ion: 76 Resp: 56218

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 97.301 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021797.D

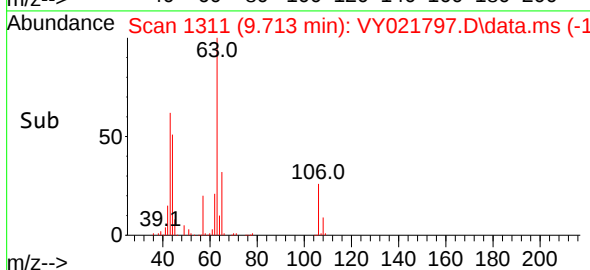
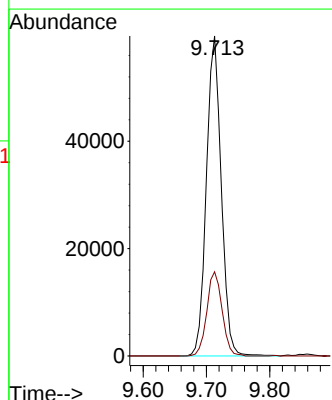
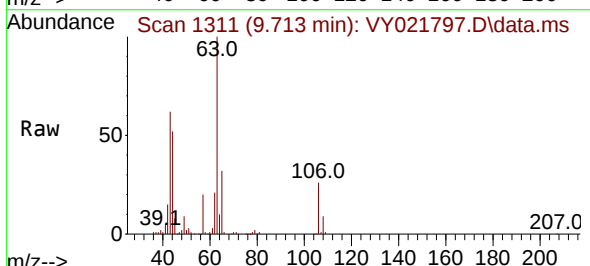
Acq: 07 Apr 2025 14:30

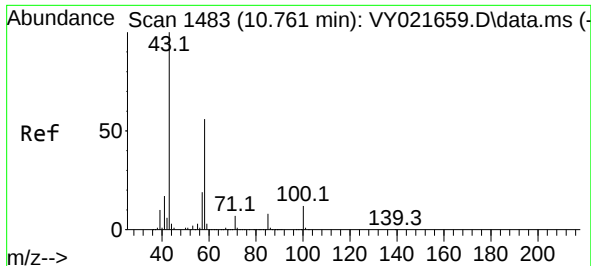
Tgt Ion: 63 Resp: 97440

Ion Ratio Lower Upper

63 100

106 27.0 22.4 33.6

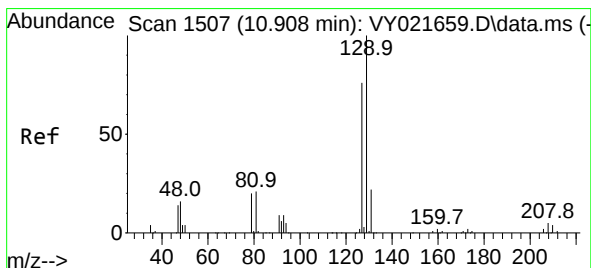
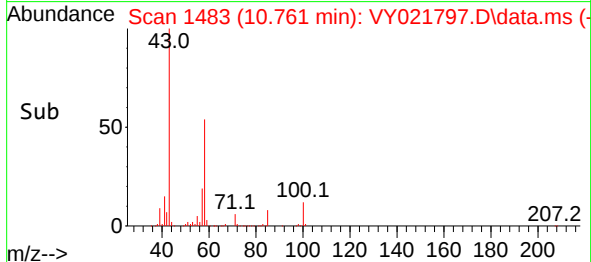
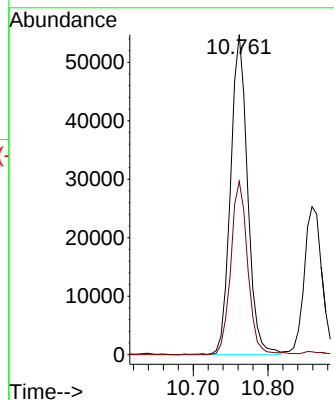
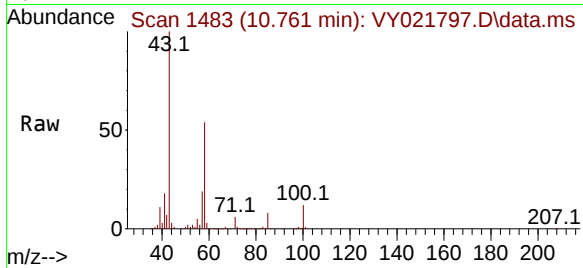




#59
2-Hexanone
Concen: 91.574 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

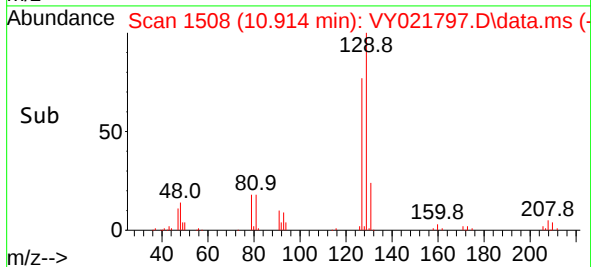
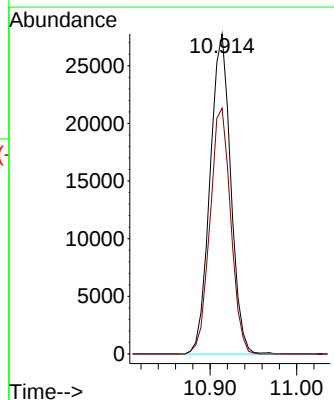
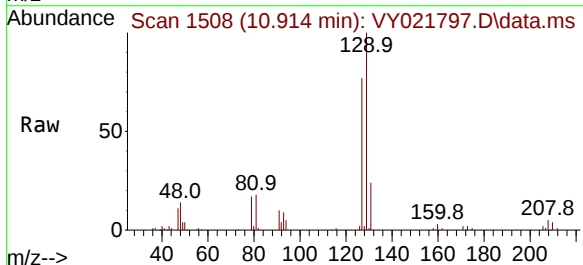
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

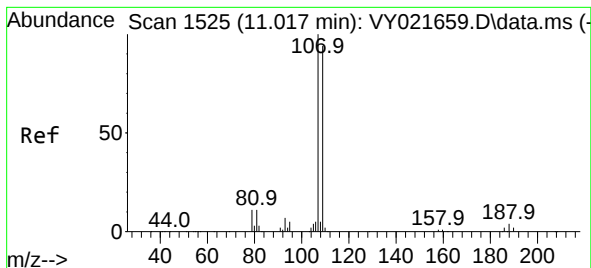
Tgt Ion: 43 Resp: 86798
Ion Ratio Lower Upper
43 100
58 54.0 27.2 81.5



#60
Dibromochloromethane
Concen: 20.977 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 129 Resp: 46045
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7





#61

1,2-Dibromoethane

Concen: 20.429 ug/l

RT: 11.017 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

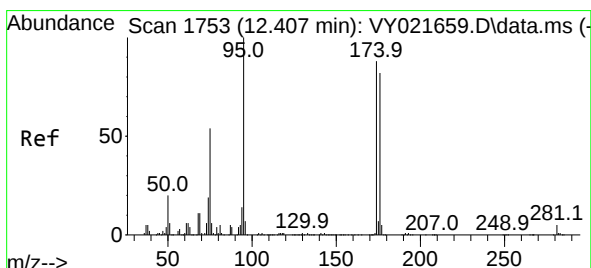
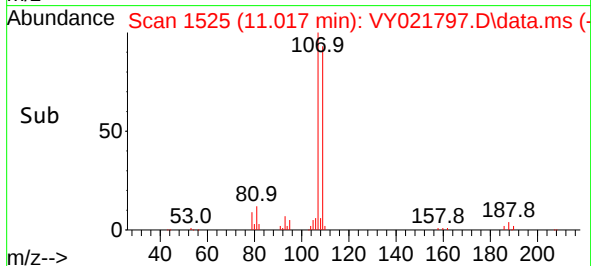
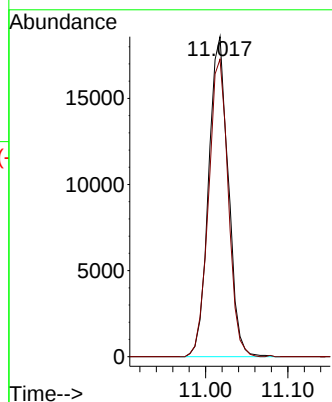
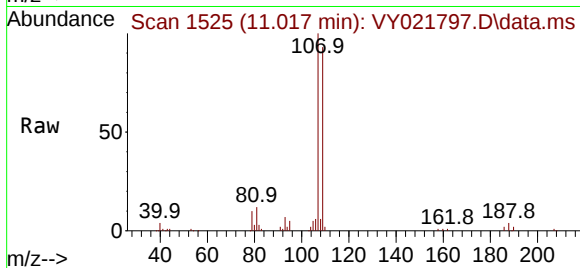
VY0407SBSD01

Tgt Ion:107 Resp: 30810

Ion Ratio Lower Upper

107 100

109 93.2 74.4 111.6



#62

4-Bromofluorobenzene

Concen: 50.516 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

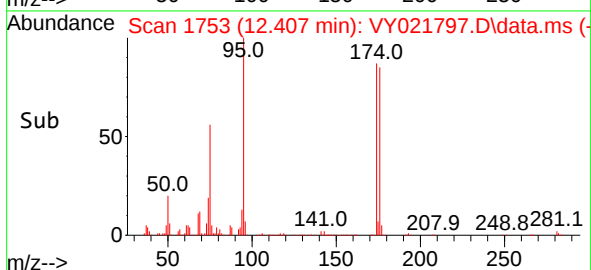
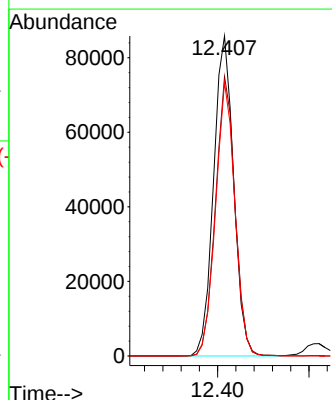
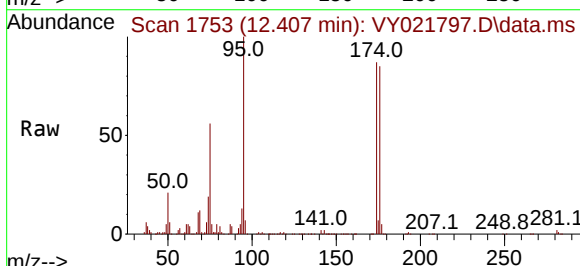
Tgt Ion: 95 Resp: 130501

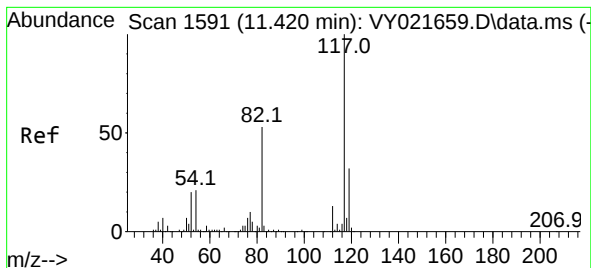
Ion Ratio Lower Upper

95 100

174 85.2 0.0 170.8

176 82.6 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021797.D

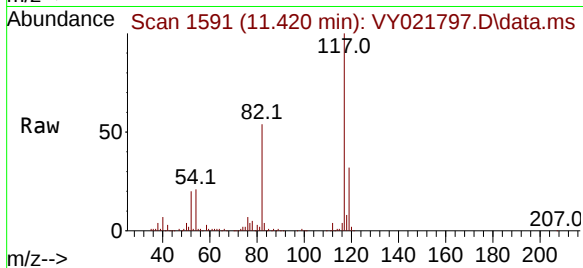
Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01



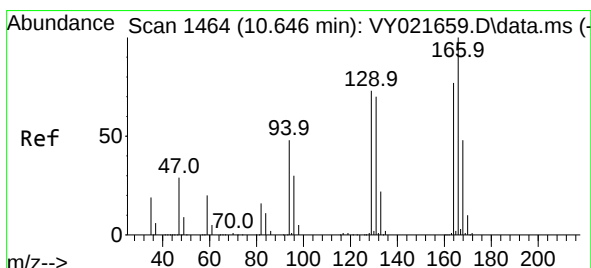
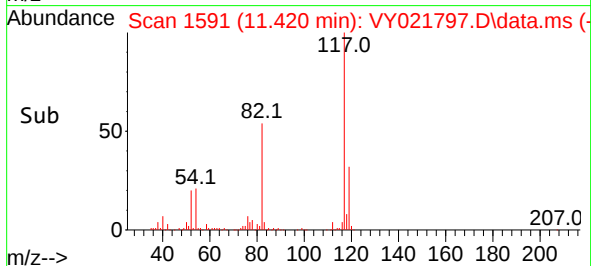
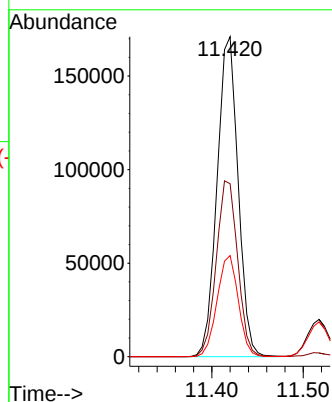
Tgt Ion:117 Resp: 273916

Ion Ratio Lower Upper

117 100

82 54.0 42.8 64.2

119 31.6 25.7 38.5



#64

Tetrachloroethene

Concen: 22.894 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Tgt Ion:164 Resp: 57115

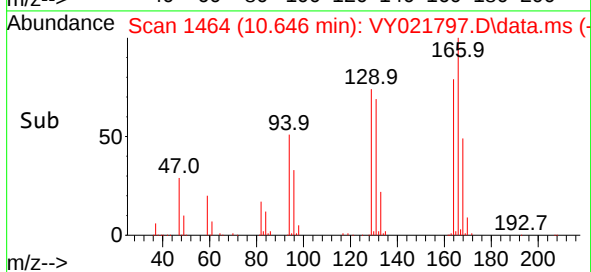
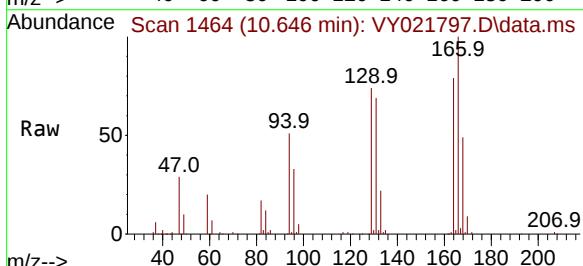
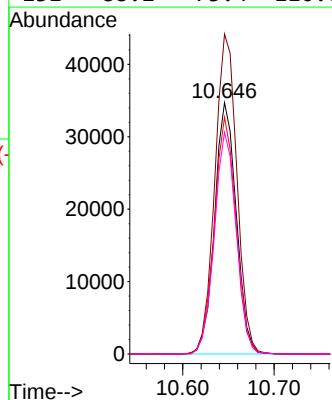
Ion Ratio Lower Upper

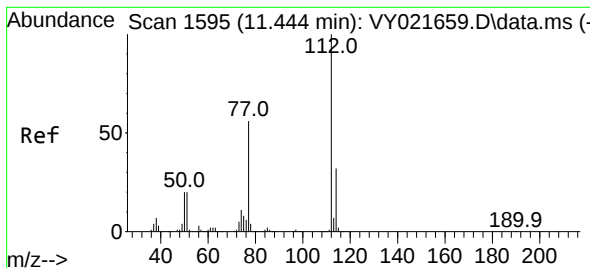
164 100

166 127.3 104.6 156.8

129 94.2 76.6 114.8

131 88.2 73.4 110.0





#65

Chlorobenzene

Concen: 20.468 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

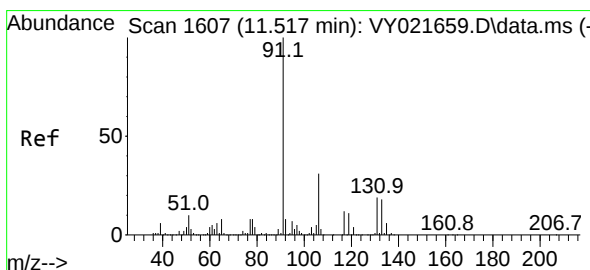
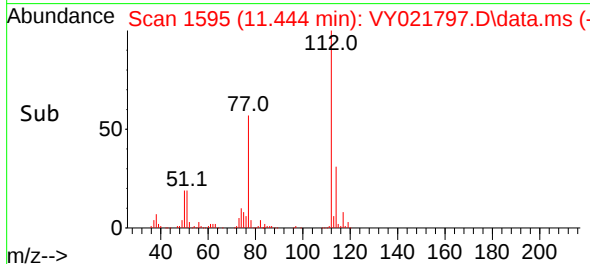
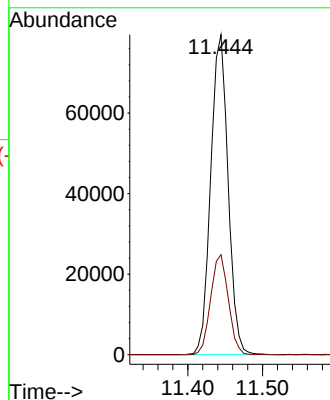
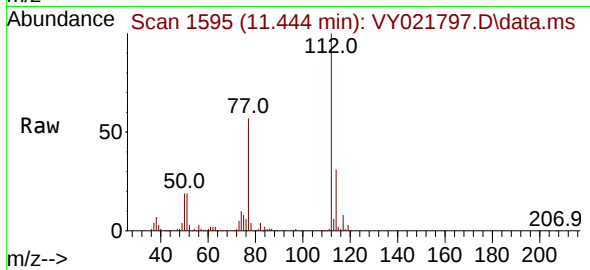
VY0407SBS01

Tgt Ion:112 Resp: 128518

Ion Ratio Lower Upper

112 100

114 31.3 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.632 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

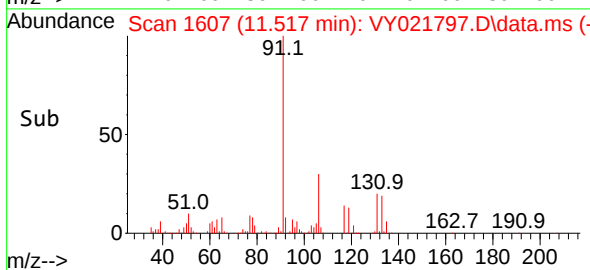
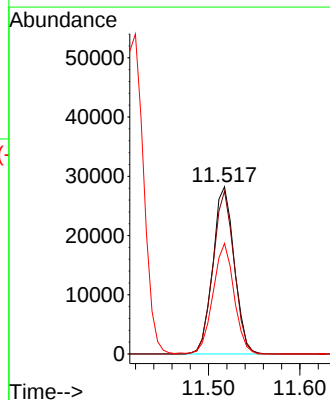
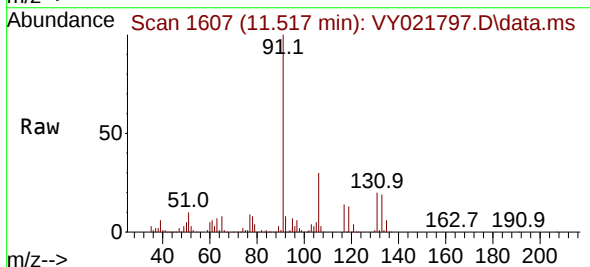
Tgt Ion:131 Resp: 45965

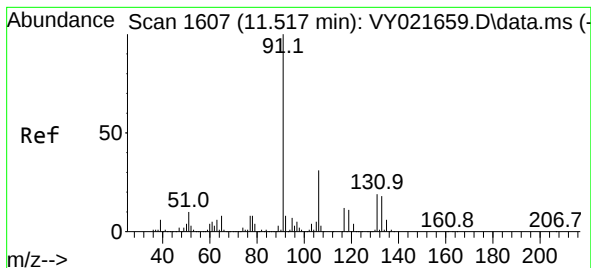
Ion Ratio Lower Upper

131 100

133 96.2 47.3 141.8

119 64.9 31.6 95.0





#67

Ethyl Benzene

Concen: 20.329 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

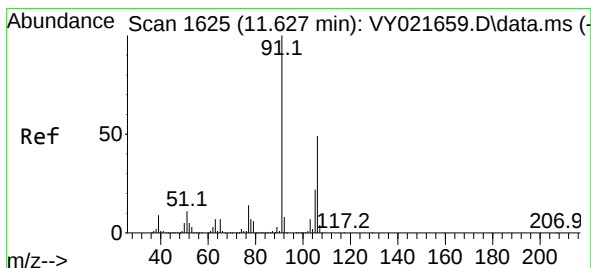
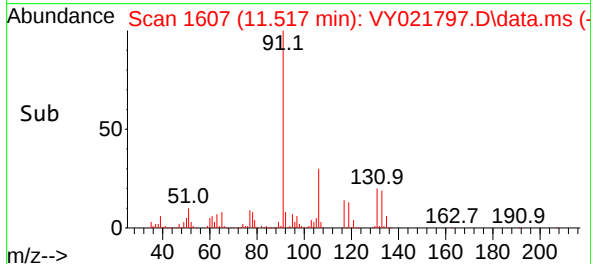
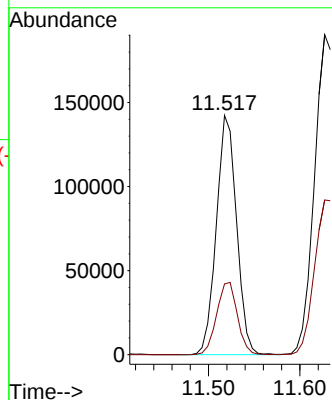
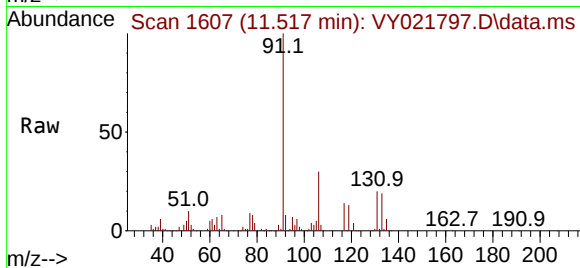
VY0407SBSD01

Tgt Ion: 91 Resp: 218884

Ion Ratio Lower Upper

91 100

106 29.5 24.6 36.8



#68

m/p-Xylenes

Concen: 41.311 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021797.D

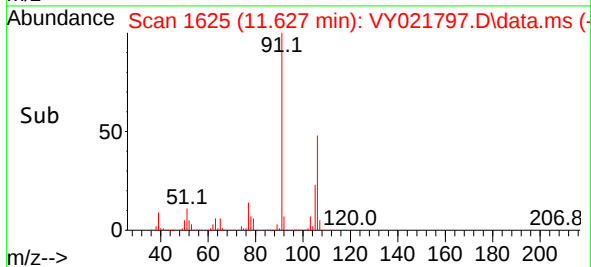
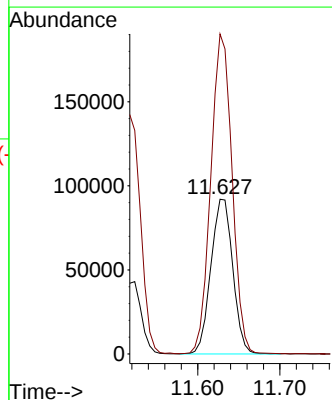
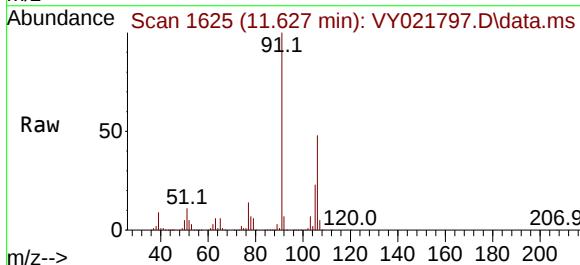
Acq: 07 Apr 2025 14:30

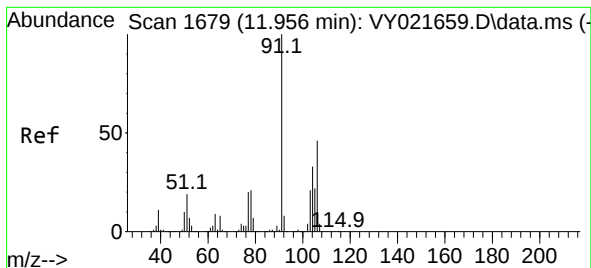
Tgt Ion:106 Resp: 170326

Ion Ratio Lower Upper

106 100

91 201.2 162.4 243.6





#69

o-Xylene

Concen: 20.428 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

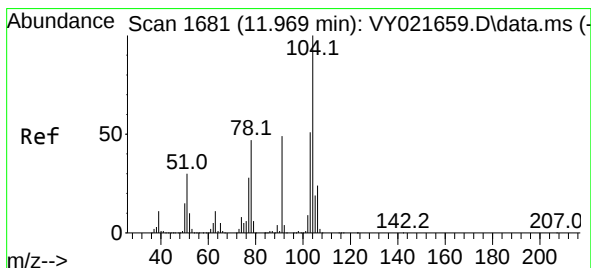
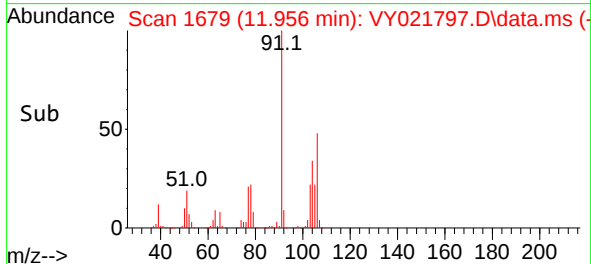
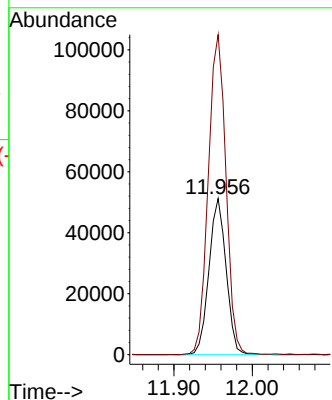
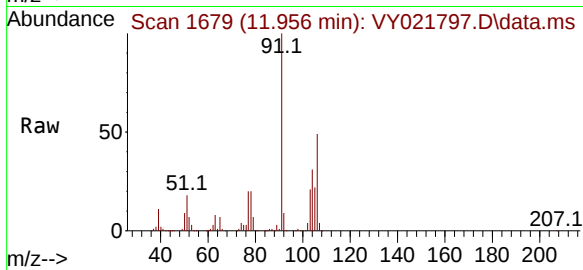
VY0407SBSD01

Tgt Ion:106 Resp: 77748

Ion Ratio Lower Upper

106 100

91 211.0 106.7 319.9



#70

Styrene

Concen: 20.544 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

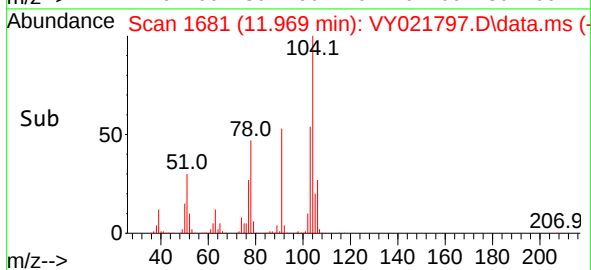
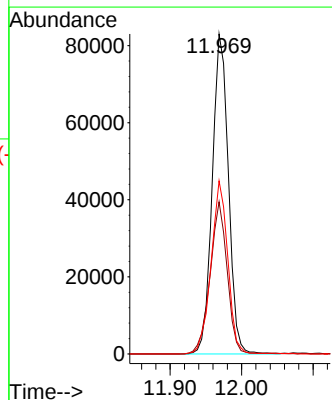
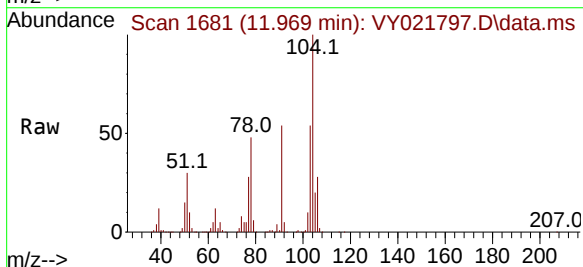
Tgt Ion:104 Resp: 130369

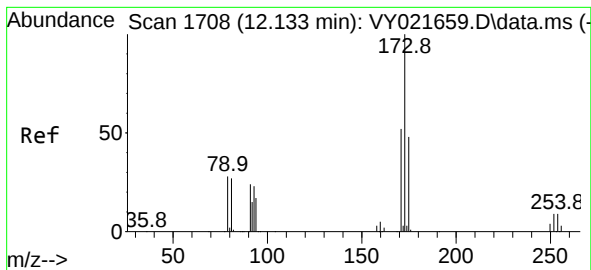
Ion Ratio Lower Upper

104 100

78 50.3 40.8 61.2

103 55.9 44.2 66.2





#71

Bromoform

Concen: 20.228 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBSD01

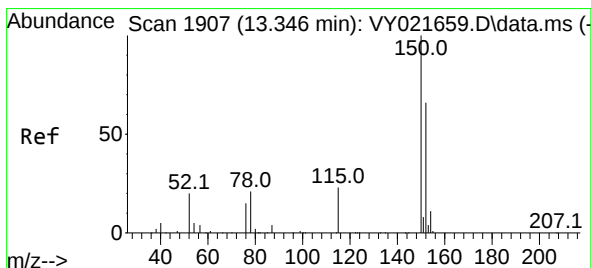
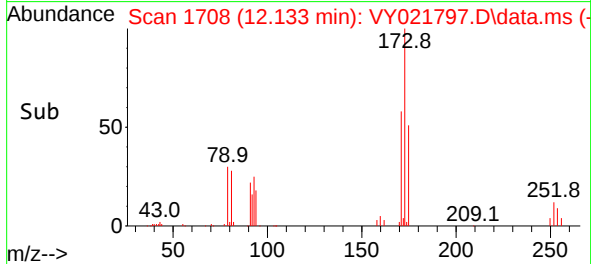
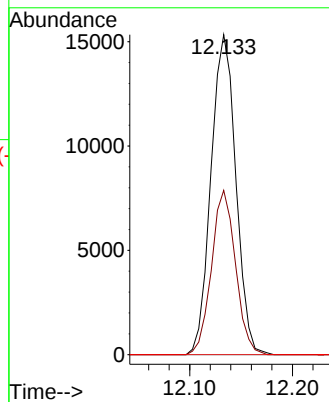
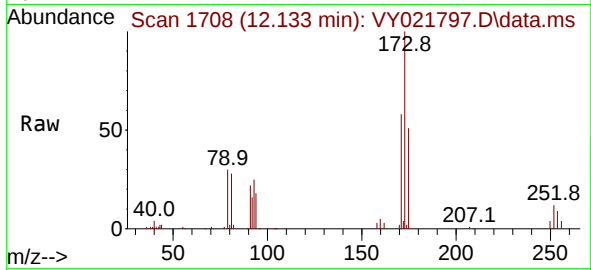
Tgt Ion:173 Resp: 25705

Ion Ratio Lower Upper

173 100

175 49.6 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: VY021797.D

Acq: 07 Apr 2025 14:30

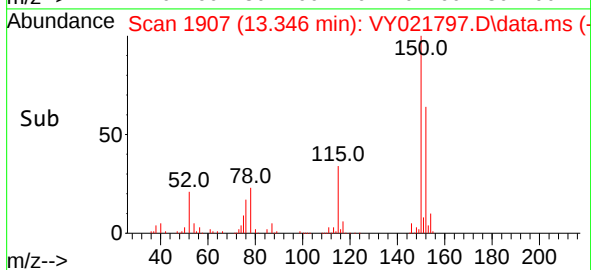
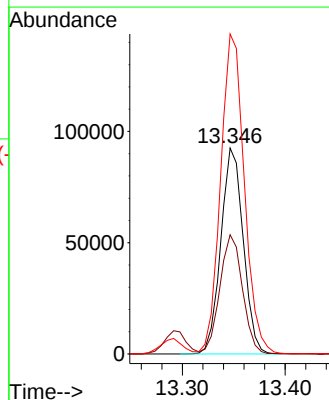
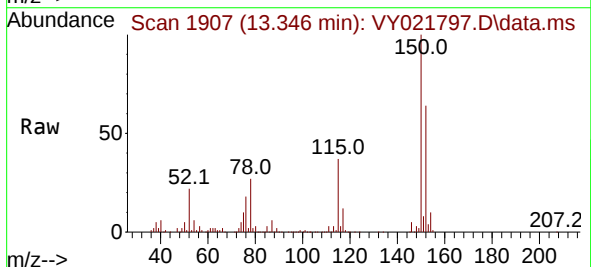
Tgt Ion:152 Resp: 139868

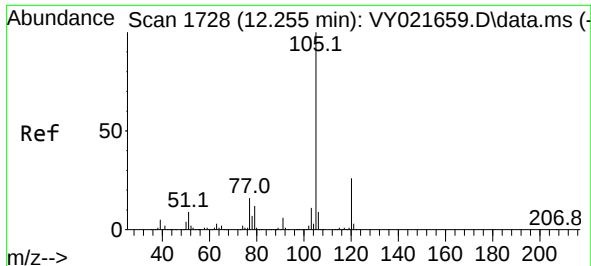
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 164.4 0.0 348.4

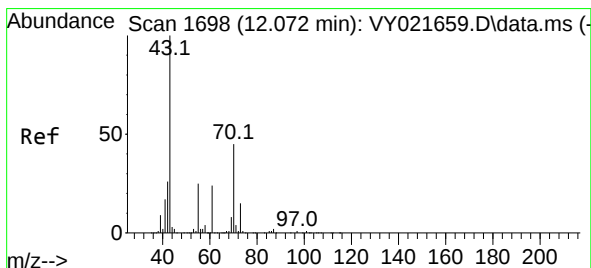
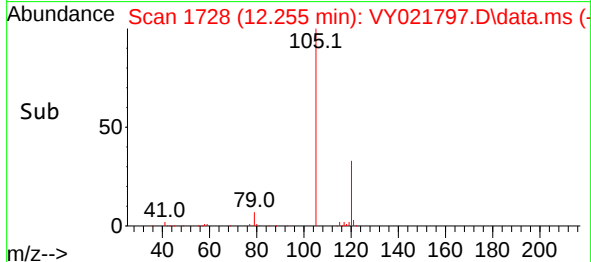
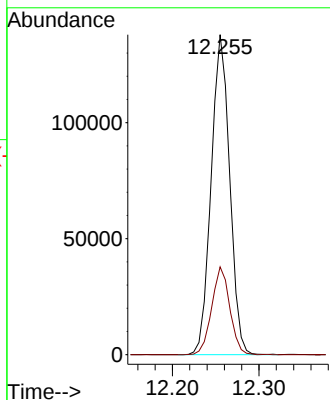
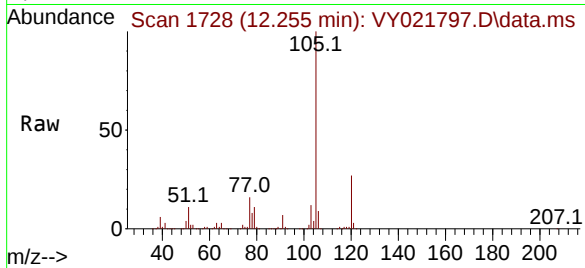




#73
Isopropylbenzene
Concen: 19.721 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

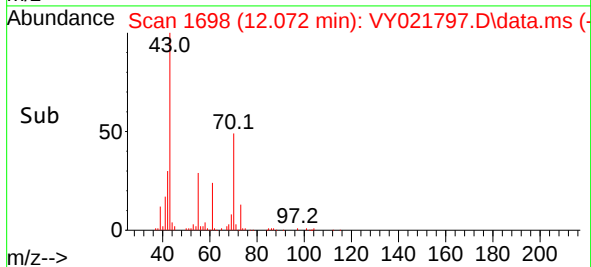
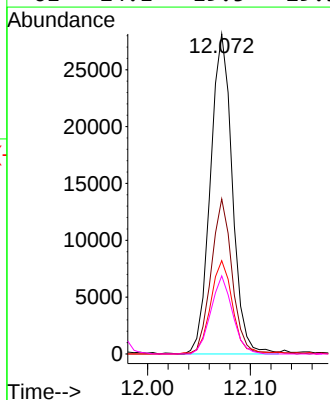
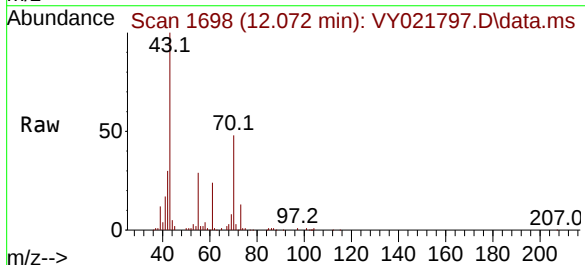
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

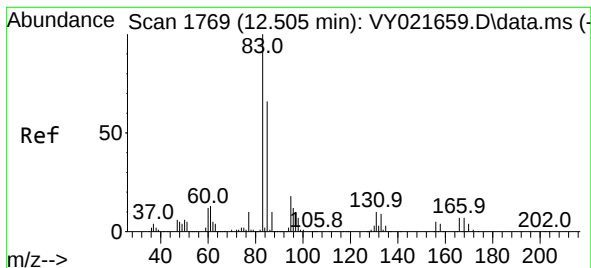
Tgt Ion:105 Resp: 204876
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5



#74
N-ethyl acetate
Concen: 17.083 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 43 Resp: 41651
Ion Ratio Lower Upper
43 100
70 46.6 34.7 52.1
55 29.6 21.2 31.8
61 24.1 19.5 29.3





#75

1,1,2-Tetrachloroethane

Concen: 17.737 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

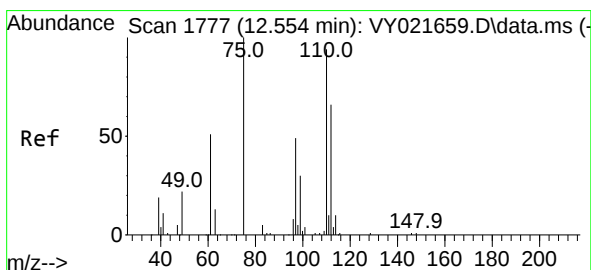
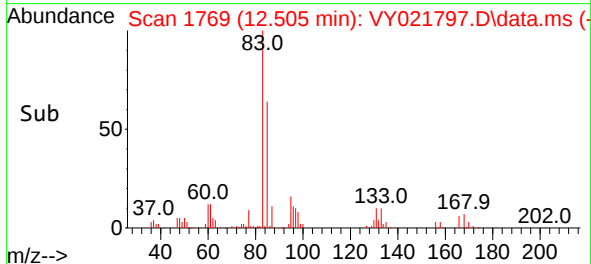
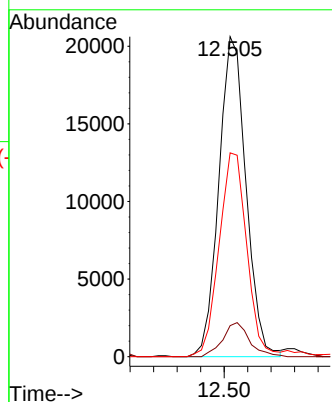
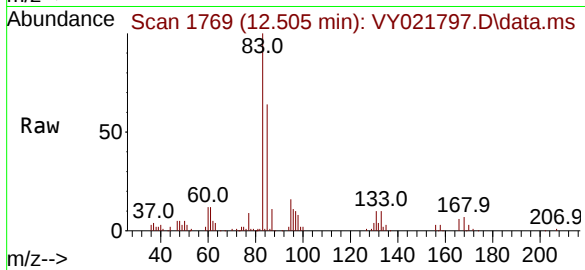
Tgt Ion: 83 Resp: 33128

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 64.8 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 34.655 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY021797.D

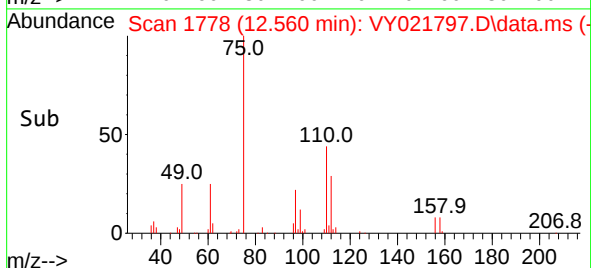
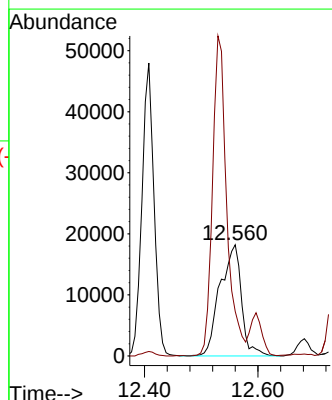
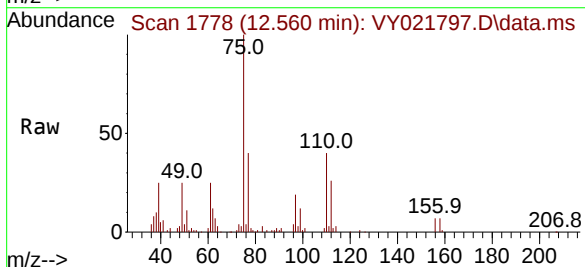
Acq: 07 Apr 2025 14:30

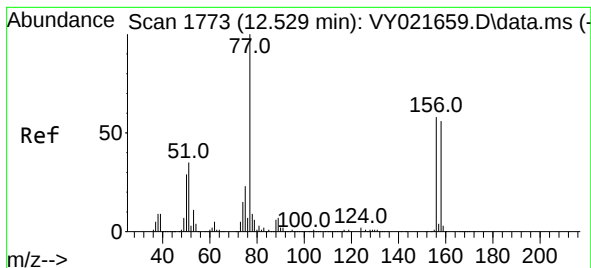
Tgt Ion: 75 Resp: 48048

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.990 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

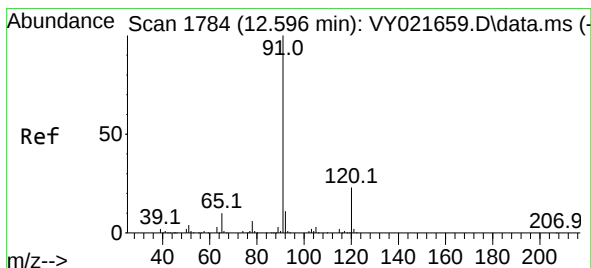
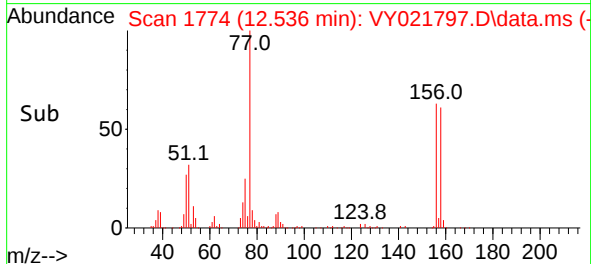
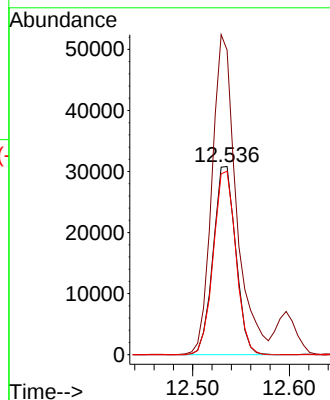
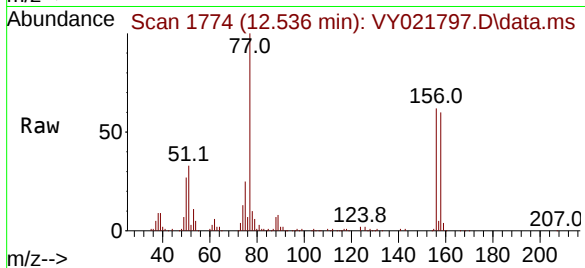
Tgt Ion:156 Resp: 49860

Ion Ratio Lower Upper

156 100

77 184.0 92.8 278.3

158 97.3 48.5 145.6



#78

n-propylbenzene

Concen: 20.359 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021797.D

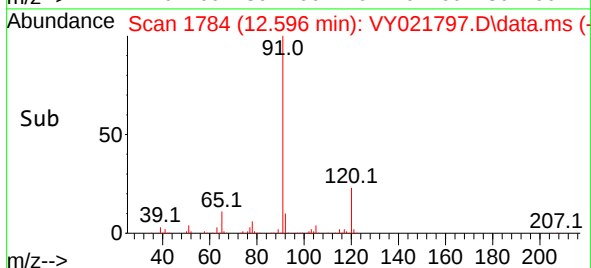
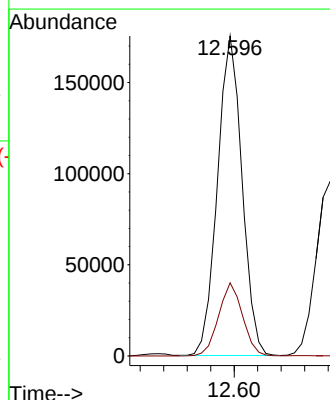
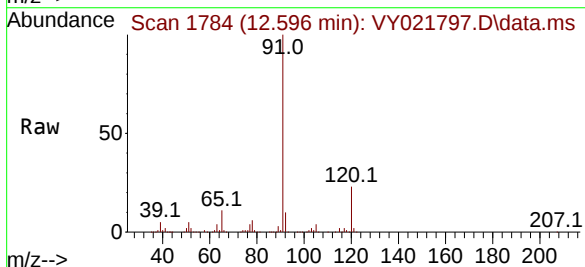
Acq: 07 Apr 2025 14:30

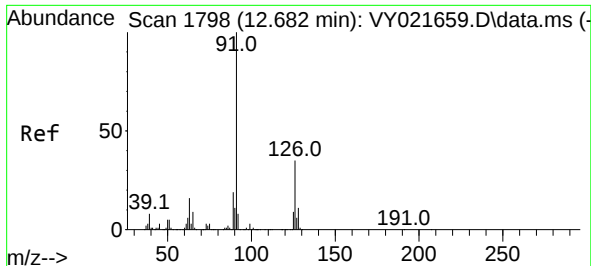
Tgt Ion: 91 Resp: 254273

Ion Ratio Lower Upper

91 100

120 22.4 11.3 33.9

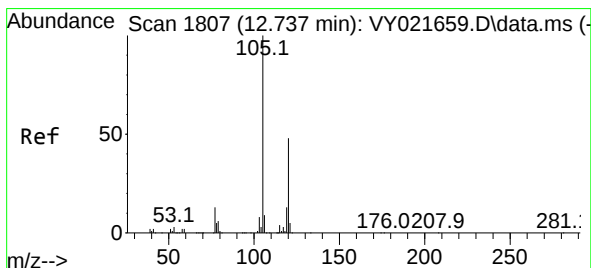
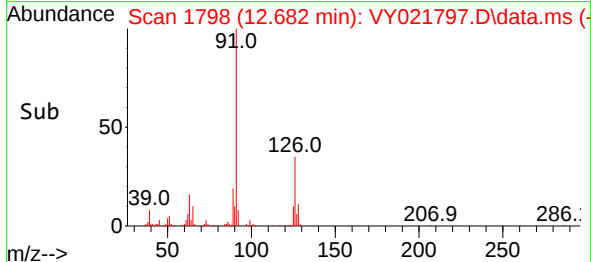
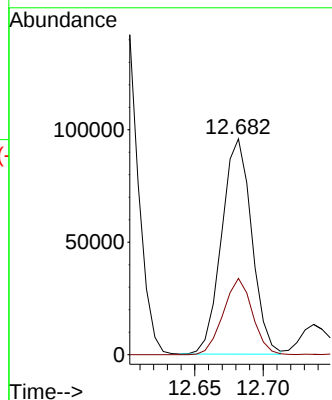
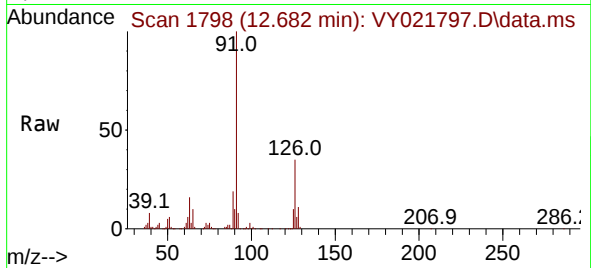




#79
2-Chlorotoluene
Concen: 20.208 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

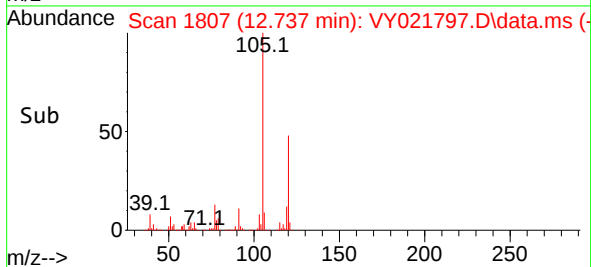
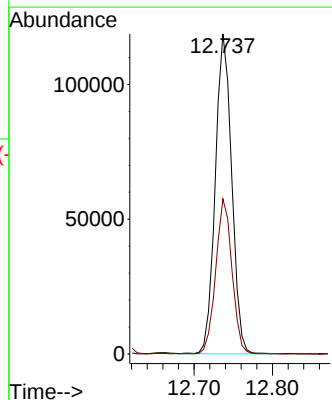
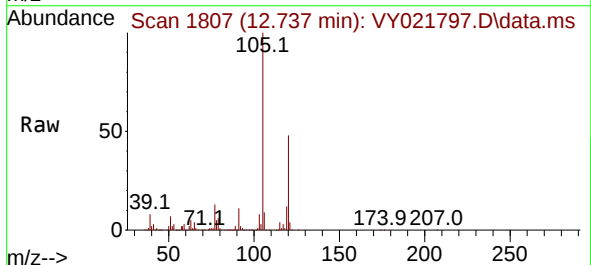
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

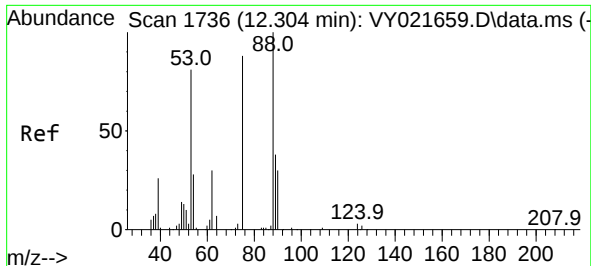
Tgt Ion: 91 Resp: 146589
Ion Ratio Lower Upper
91 100
126 34.3 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 20.328 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 105 Resp: 172598
Ion Ratio Lower Upper
105 100
120 48.1 24.5 73.5

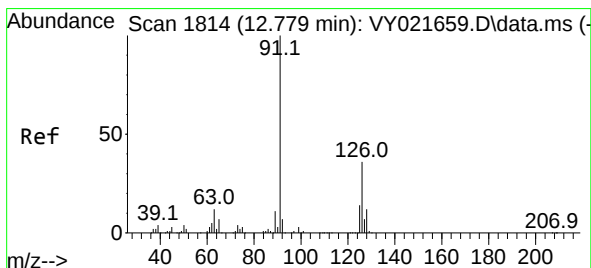
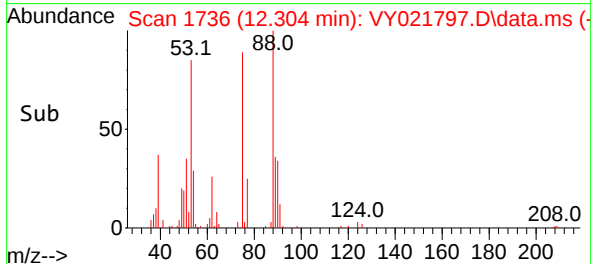
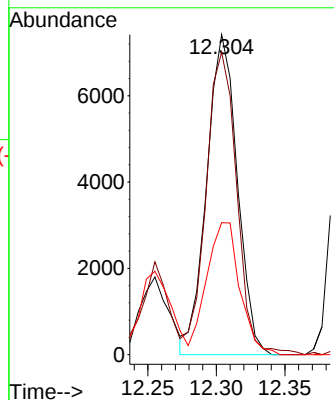
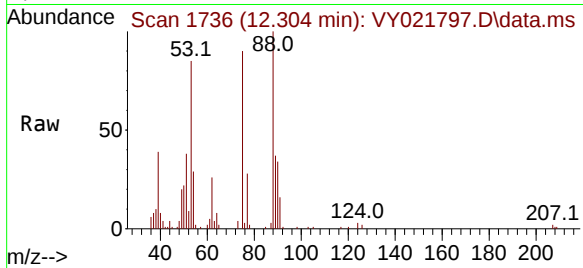




#81
trans-1,4-Dichloro-2-butene
Concen: 19.102 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

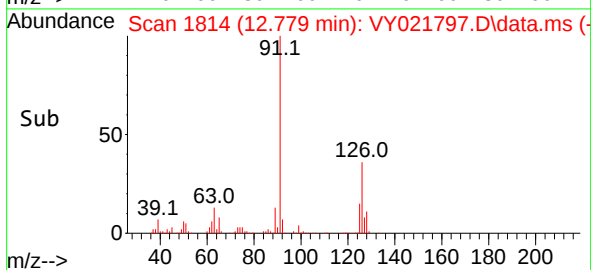
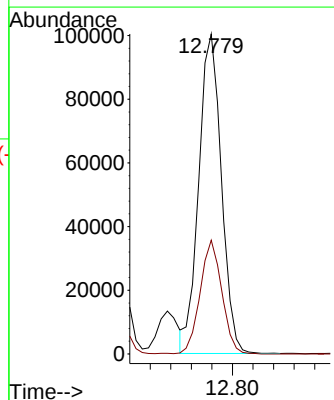
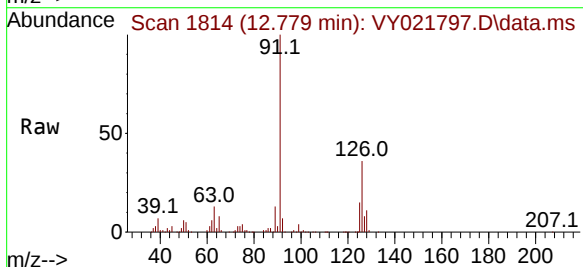
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBSD01

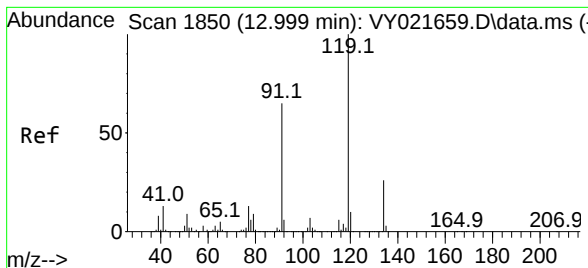
Tgt Ion: 75 Resp: 11494
Ion Ratio Lower Upper
75 100
53 94.8 76.1 114.1
89 44.8 36.2 54.4



#82
4-Chlorotoluene
Concen: 20.296 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

Tgt Ion: 91 Resp: 153495
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.571 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

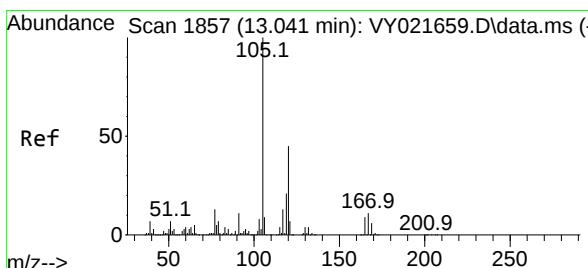
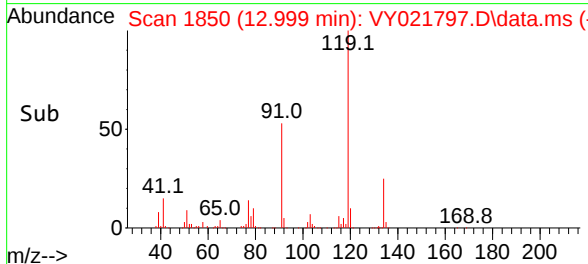
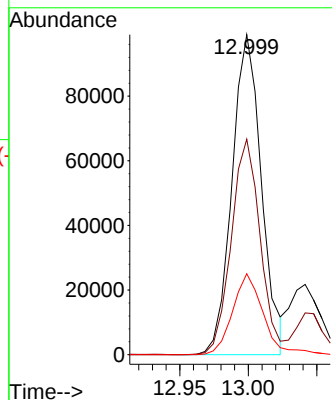
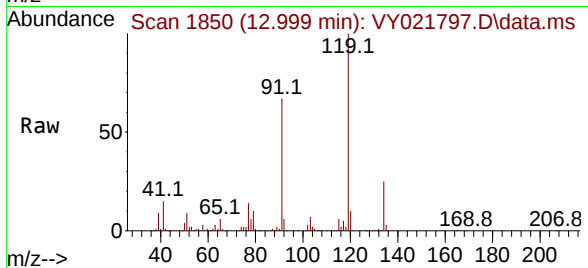
Tgt Ion:119 Resp: 148005

Ion Ratio Lower Upper

119 100

91 65.9 32.6 97.7

134 26.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 20.542 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021797.D

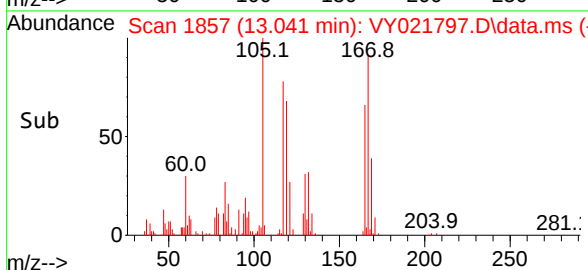
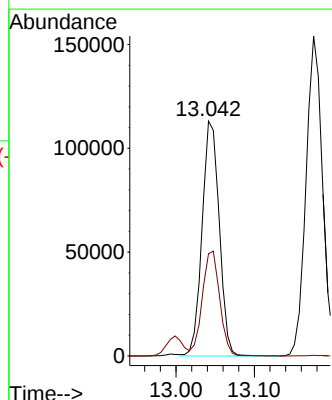
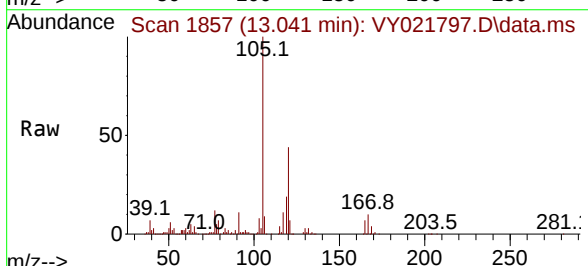
Acq: 07 Apr 2025 14:30

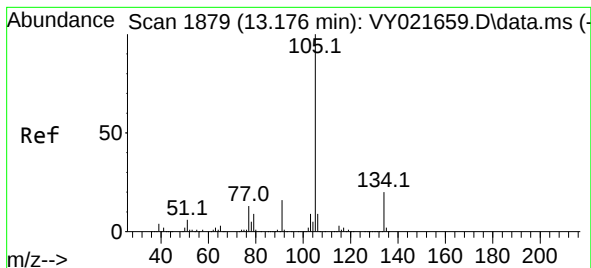
Tgt Ion:105 Resp: 172378

Ion Ratio Lower Upper

105 100

120 45.1 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.355 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

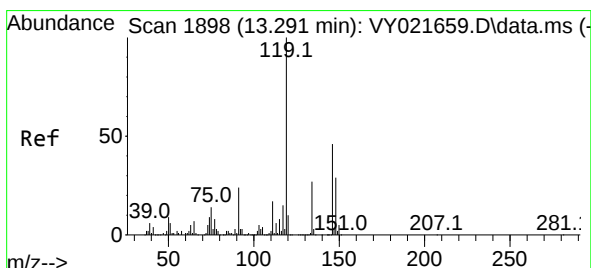
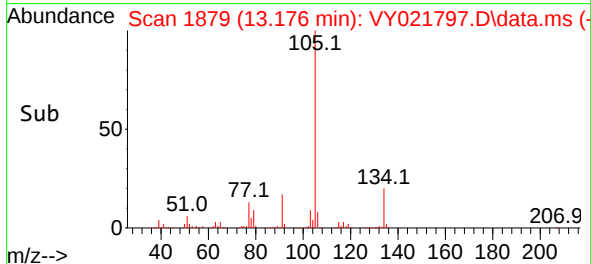
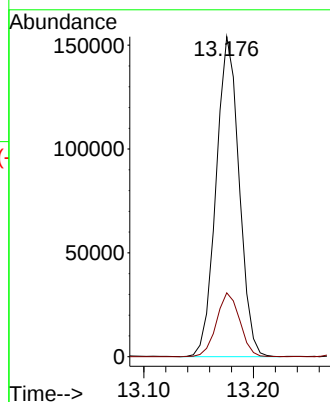
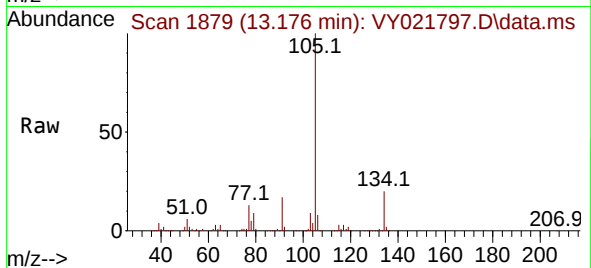
VY0407SBSD01

Tgt Ion:105 Resp: 224962

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.527 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

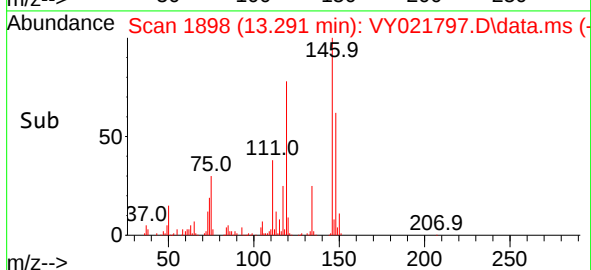
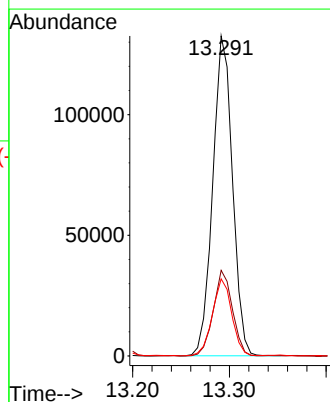
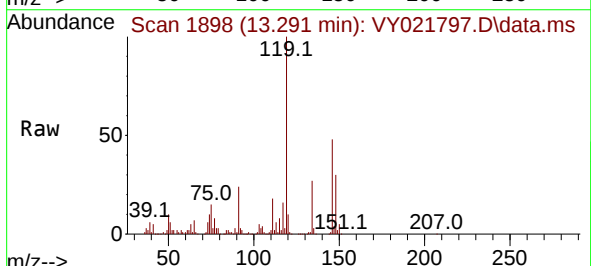
Tgt Ion:119 Resp: 187503

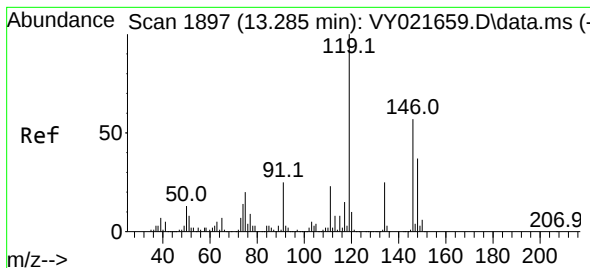
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 23.6 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 20.368 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

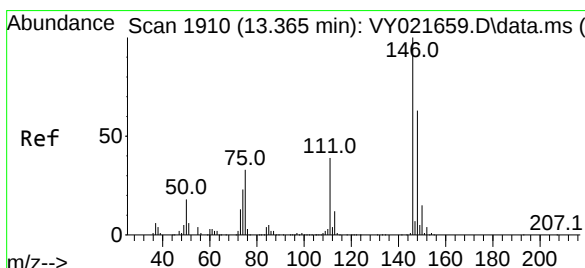
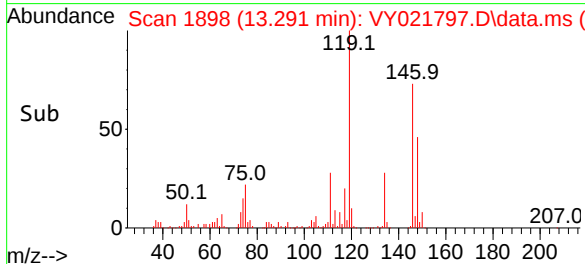
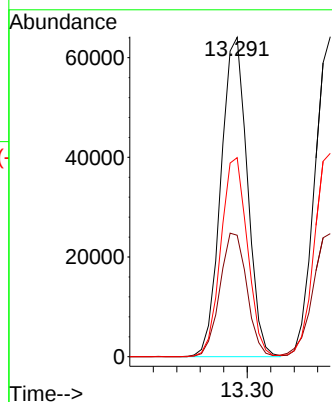
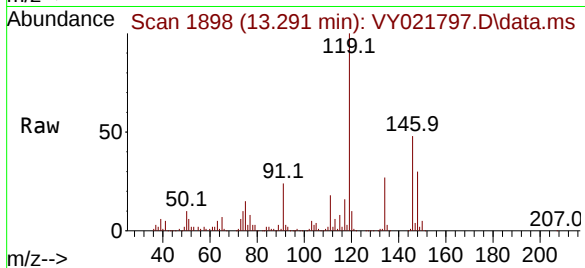
Tgt Ion:146 Resp: 100093

Ion Ratio Lower Upper

146 100

111 39.6 20.0 60.0

148 62.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 20.313 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

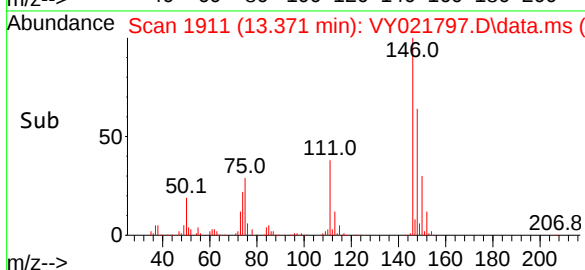
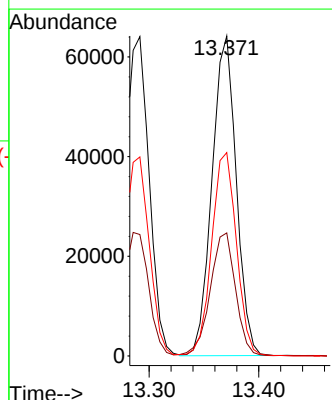
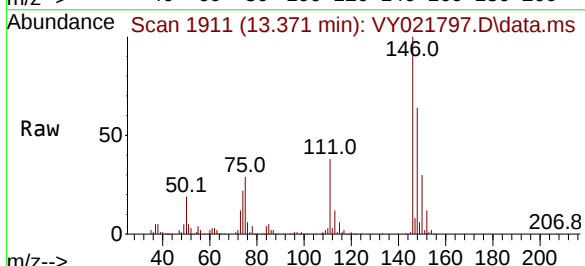
Tgt Ion:146 Resp: 98624

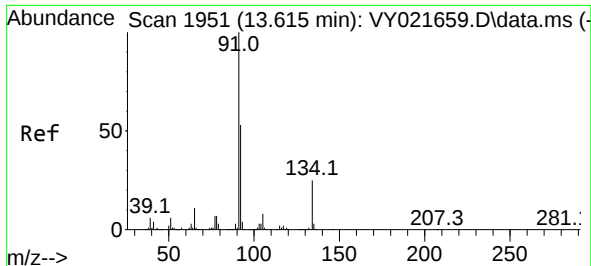
Ion Ratio Lower Upper

146 100

111 40.1 19.1 57.1

148 65.1 31.5 94.5





#89

n-Butylbenzene

Concen: 19.833 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBSD01

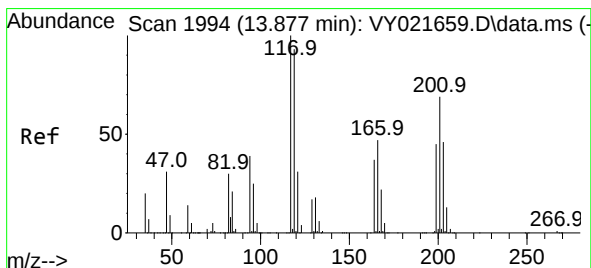
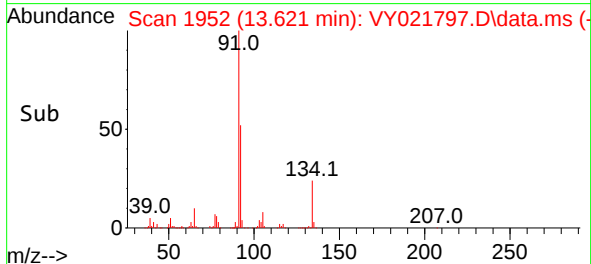
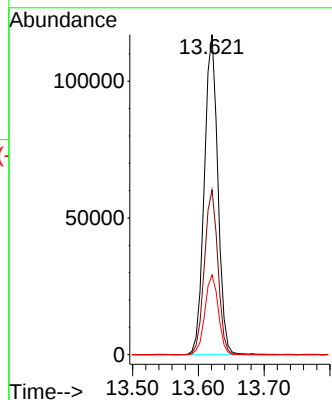
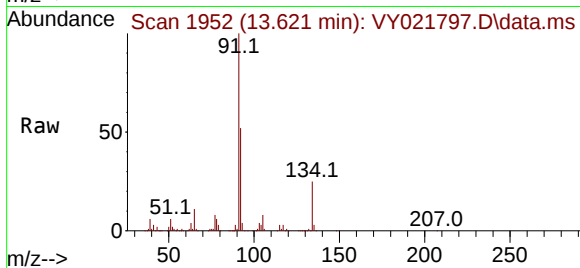
Tgt Ion: 91 Resp: 167537

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.2

134 24.8 12.8 38.4



#90

Hexachloroethane

Concen: 20.269 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021797.D

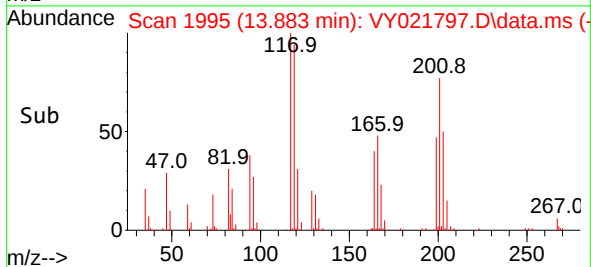
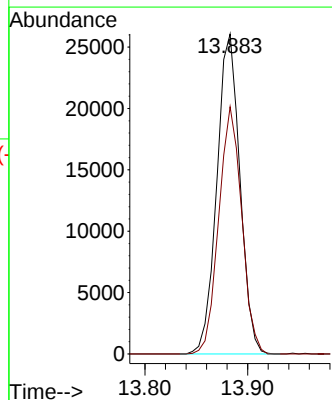
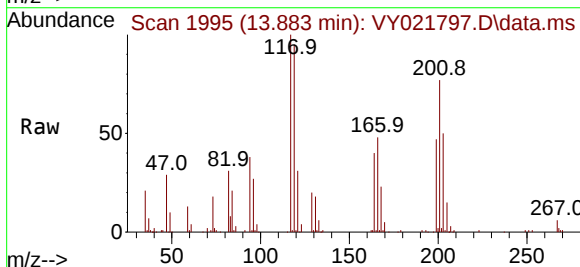
Acq: 07 Apr 2025 14:30

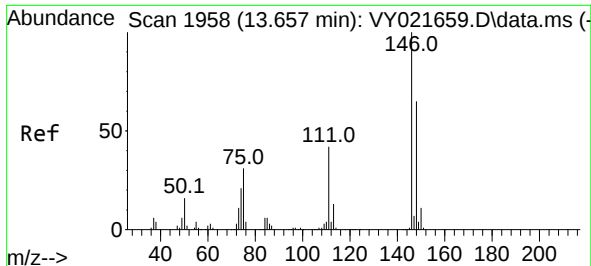
Tgt Ion: 117 Resp: 40572

Ion Ratio Lower Upper

117 100

201 76.7 37.4 112.1

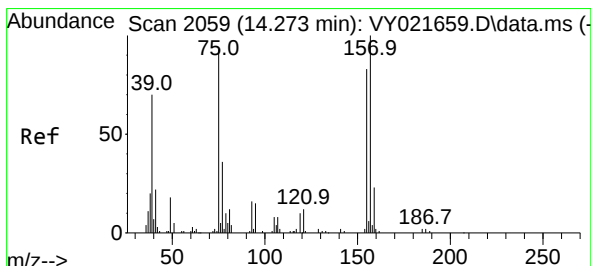
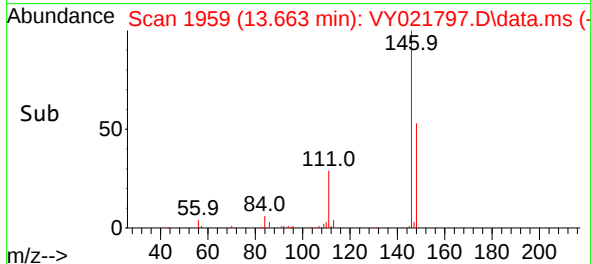
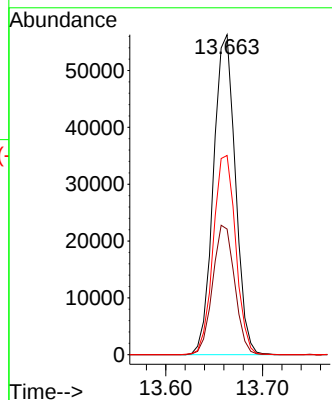
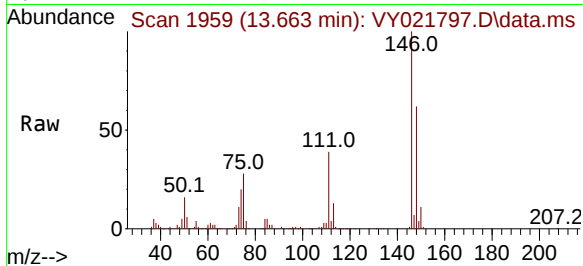




#91
1,2-Dichlorobenzene
Concen: 20.750 ug/l
RT: 13.663 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

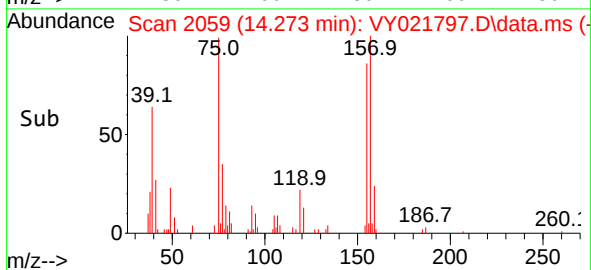
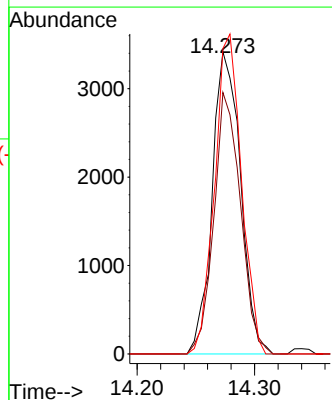
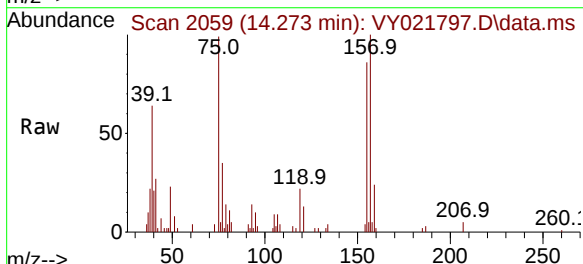
Instrument :
MSVOA_Y
ClientSampleId :
VY0407SBS01

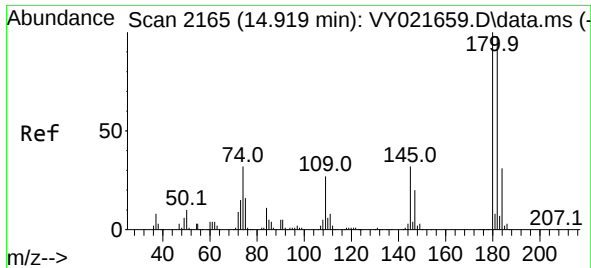
Tgt Ion:146 Resp: 88765
Ion Ratio Lower Upper
146 100
111 40.6 20.7 62.1
148 63.7 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.694 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021797.D
Acq: 07 Apr 2025 14:30

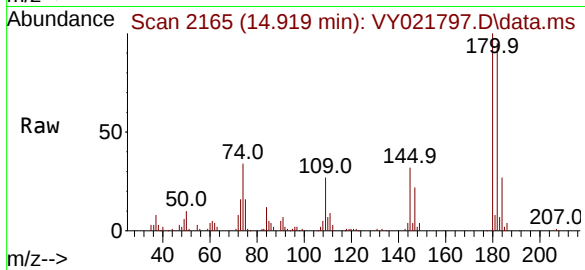
Tgt Ion: 75 Resp: 5701
Ion Ratio Lower Upper
75 100
155 82.0 43.0 128.8
157 101.0 54.0 162.0



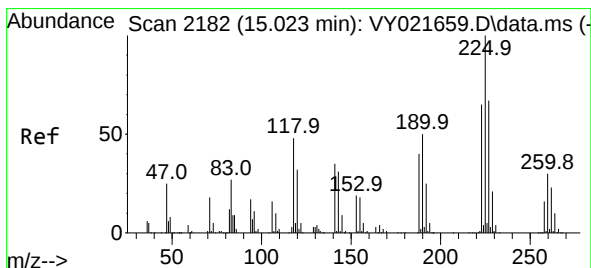
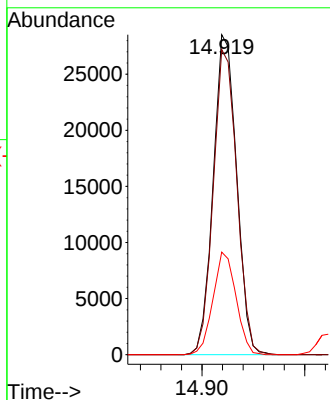
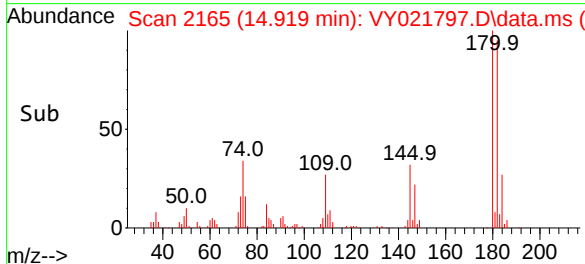


#93
 1,2,4-Trichlorobenzene
 Concen: 19.426 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY021797.D
 Acq: 07 Apr 2025 14:30

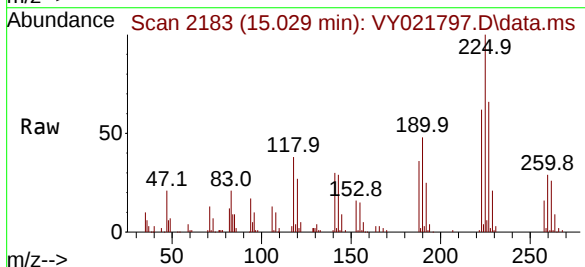
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0407SBS01



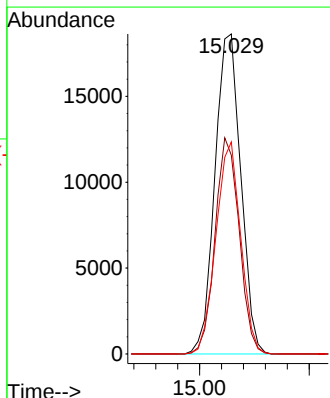
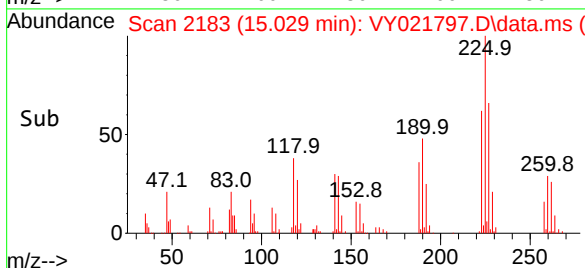
Tgt Ion:180 Resp: 45065
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.5 142.6
 145 31.5 14.9 44.9

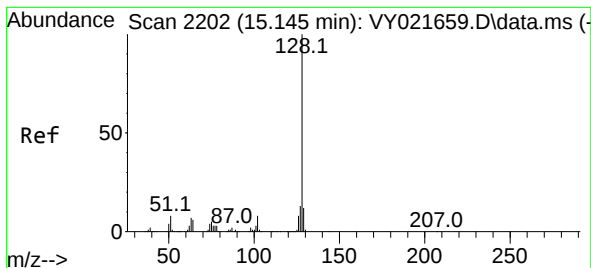


#94
 Hexachlorobutadiene
 Concen: 21.080 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.006 min
 Lab File: VY021797.D
 Acq: 07 Apr 2025 14:30



Tgt Ion:225 Resp: 30541
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.9 95.7
 227 63.4 32.4 97.0





#95

Naphthalene

Concen: 18.581 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0407SBS01

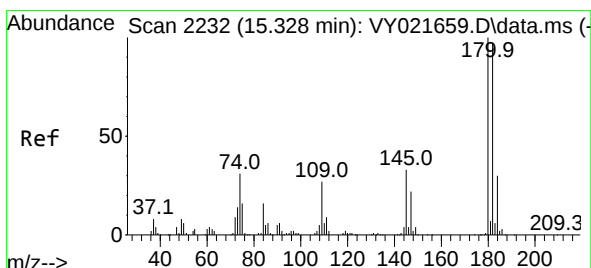
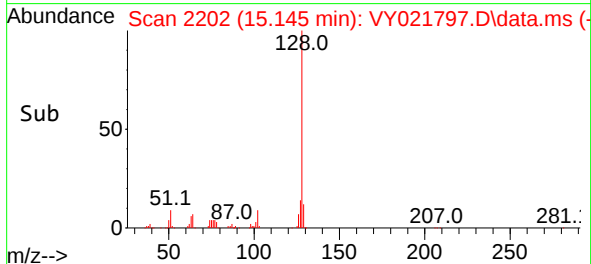
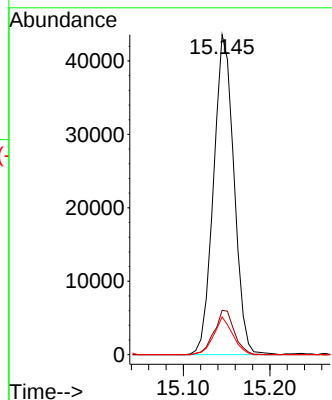
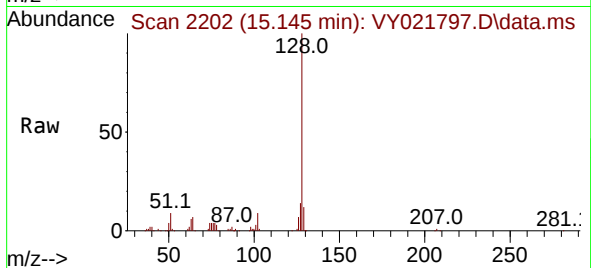
Tgt Ion:128 Resp: 71449

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.253 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY021797.D

Acq: 07 Apr 2025 14:30

Tgt Ion:180 Resp: 40066

Ion Ratio Lower Upper

180 100

182 94.5 47.5 142.5

145 32.6 15.9 47.7

