

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022785.D
 Acq On : 24 Jun 2025 09:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 25 01:19:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	480569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	788269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	678315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	340335	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	261283	48.714	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.420%
35) Dibromofluoromethane	7.634	113	244214	50.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.880%
50) Toluene-d8	10.103	98	966354	50.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.402	95	304692	49.825	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	187605	45.653	ug/l	99
3) Chloromethane	2.068	50	352218	44.886	ug/l	98
4) Vinyl Chloride	2.202	62	447496	45.647	ug/l	100
5) Bromomethane	2.592	94	333794	43.310	ug/l	99
6) Chloroethane	2.733	64	300761	45.640	ug/l	96
7) Trichlorofluoromethane	3.050	101	491670	45.294	ug/l	98
8) Diethyl Ether	3.452	74	128537	47.942	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	241549	48.692	ug/l	98
10) Methyl Iodide	4.001	142	277717	51.418	ug/l	99
11) Tert butyl alcohol	4.854	59	84161	235.981	ug/l	98
12) 1,1-Dichloroethene	3.787	96	234897	48.290	ug/l	98
13) Acrolein	3.647	56	107203	221.672	ug/l	99
14) Allyl chloride	4.379	41	368419	49.242	ug/l	95
15) Acrylonitrile	5.049	53	275688	246.454	ug/l	99
16) Acetone	3.867	43	299043	294.982	ug/l	97
17) Carbon Disulfide	4.104	76	771483	49.095	ug/l	100
18) Methyl Acetate	4.385	43	142156	42.343	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	647481	48.885	ug/l	100
20) Methylene Chloride	4.610	84	277358	43.322	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	268610	48.317	ug/l	97
22) Diisopropyl ether	6.012	45	819092	49.296	ug/l	99
23) Vinyl Acetate	5.958	43	2377985	259.134	ug/l	99
24) 1,1-Dichloroethane	5.909	63	490905	48.913	ug/l	100
25) 2-Butanone	6.890	43	382848	259.477	ug/l	100
26) 2,2-Dichloropropane	6.884	77	432416	51.399	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	313435	48.520	ug/l	100
28) Bromochloromethane	7.244	49	210301	49.841	ug/l	95
29) Tetrahydrofuran	7.262	42	230217	247.100	ug/l	99
30) Chloroform	7.421	83	502331	48.595	ug/l	95
31) Cyclohexane	7.701	56	432130	46.906	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	434321	48.620	ug/l	98
36) 1,1-Dichloropropene	7.835	75	364003	50.094	ug/l	99
37) Ethyl Acetate	6.982	43	161101	51.379	ug/l	96
38) Carbon Tetrachloride	7.817	117	381526	49.762	ug/l	97
39) Methylcyclohexane	9.110	83	474467	50.457	ug/l	99
40) Benzene	8.079	78	1111272	49.742	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	88474	45.834	ug/l	95
42) 1,2-Dichloroethane	8.158	62	308508	50.394	ug/l	98
43) Isopropyl Acetate	8.195	43	327988	50.329	ug/l	99
44) Trichloroethene	8.866	130	273386	48.740	ug/l	97
45) 1,2-Dichloropropane	9.140	63	261237	49.962	ug/l	96
46) Dibromomethane	9.231	93	144951	48.835	ug/l	96
47) Bromodichloromethane	9.420	83	381786	49.881	ug/l	99
48) Methyl methacrylate	9.219	41	164236	52.423	ug/l	95
49) 1,4-Dioxane	9.231	88	33567	957.200	ug/l	98
51) 4-Methyl-2-Pentanone	9.993	43	844784	255.091	ug/l	96
52) Toluene	10.170	92	700747	49.718	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	347407	50.447	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	403676	50.555	ug/l	98
55) 1,1,2-Trichloroethane	10.567	97	192974	50.208	ug/l	98
56) Ethyl methacrylate	10.439	69	262082	50.683	ug/l	96
57) 1,3-Dichloropropane	10.713	76	332030	49.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	665133	245.063	ug/l	99
59) 2-Hexanone	10.756	43	590744	262.373	ug/l	98
60) Dibromochloromethane	10.908	129	248320	50.019	ug/l	99
61) 1,2-Dibromoethane	11.012	107	178176	49.540	ug/l	97
64) Tetrachloroethene	10.646	164	299261	46.701	ug/l	97
65) Chlorobenzene	11.438	112	746746	50.101	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	254204	50.354	ug/l	100
67) Ethyl Benzene	11.518	91	1350768	51.580	ug/l	98
68) m/p-Xylenes	11.627	106	1041613	102.894	ug/l	100
69) o-Xylene	11.950	106	487801	51.140	ug/l	100
70) Styrene	11.969	104	823388	51.534	ug/l	100
71) Bromoform	12.127	173	138710	49.346	ug/l #	98
73) Isopropylbenzene	12.249	105	1260842	50.093	ug/l	99
74) N-amyl acetate	12.066	43	293683	51.982	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	208754	51.461	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	287553	82.760	ug/l #	100
77) Bromobenzene	12.530	156	278554	48.825	ug/l	99
78) n-propylbenzene	12.591	91	1551740	51.062	ug/l	98
79) 2-Chlorotoluene	12.676	91	861726	50.189	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	1034655	50.921	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	69771	50.732	ug/l	98
82) 4-Chlorotoluene	12.773	91	896321	49.700	ug/l	100
83) tert-Butylbenzene	12.993	119	904947	50.501	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	1040633	51.154	ug/l	100
85) sec-Butylbenzene	13.170	105	1372848	50.919	ug/l	99
86) p-Isopropyltoluene	13.286	119	1152956	51.387	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	573618	50.062	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	560298	49.228	ug/l	100
89) n-Butylbenzene	13.615	91	1081730	51.255	ug/l	99
90) Hexachloroethane	13.877	117	224152	50.160	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	492169	48.742	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	32892	47.813	ug/l	97
93) 1,2,4-Trichlorobenzene	14.913	180	274743	48.191	ug/l	99
94) Hexachlorobutadiene	15.017	225	156435	48.524	ug/l	97
95) Naphthalene	15.139	128	501125	48.608	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	235416	47.786	ug/l	98

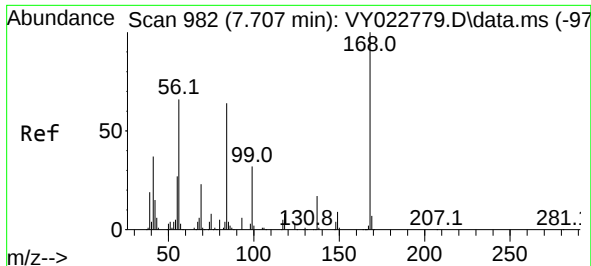
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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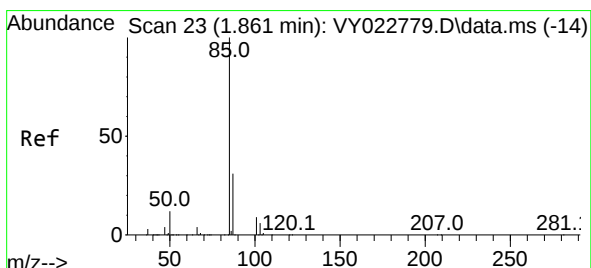
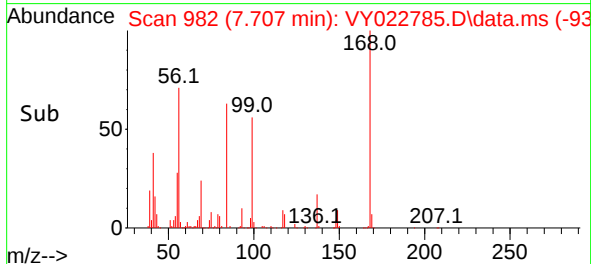
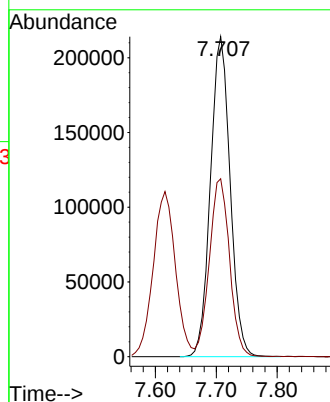
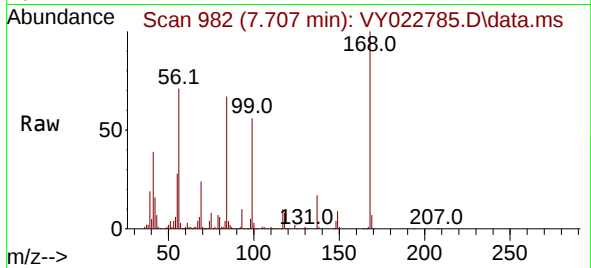
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

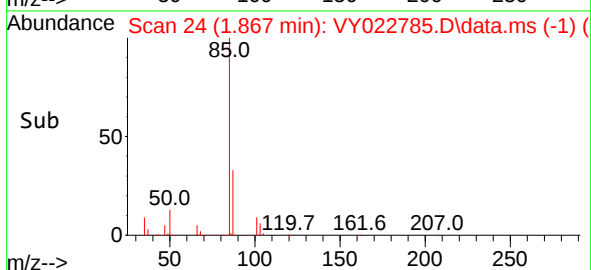
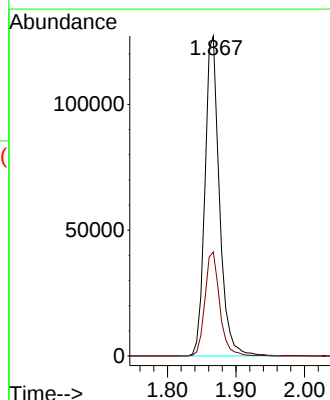
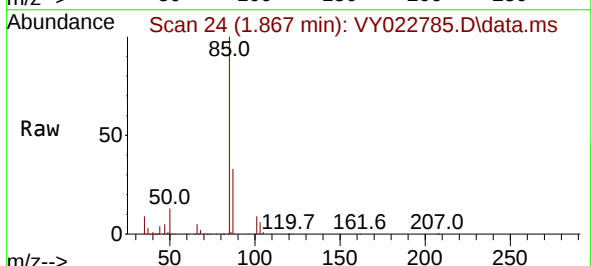
Instrument :
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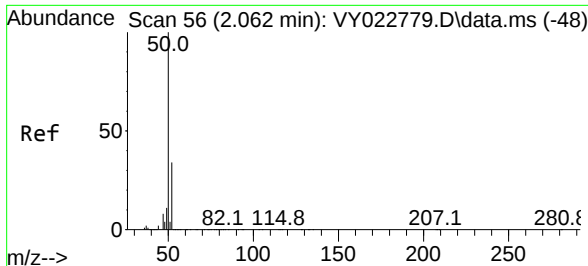
Tgt Ion:168 Resp: 480569
Ion Ratio Lower Upper
168 100
99 55.5 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 45.653 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 85 Resp: 187605
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.0

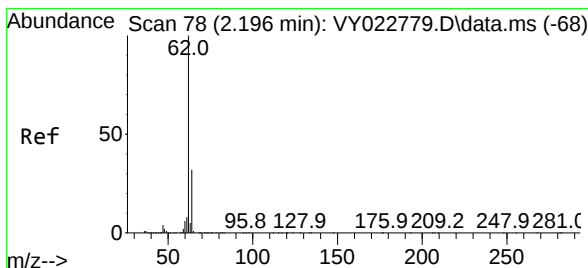
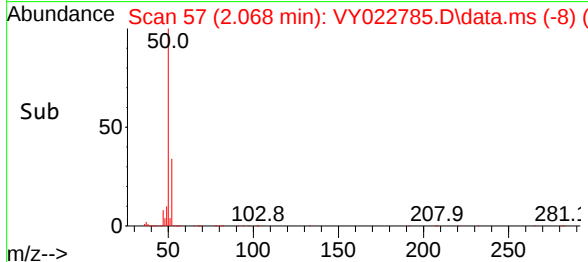
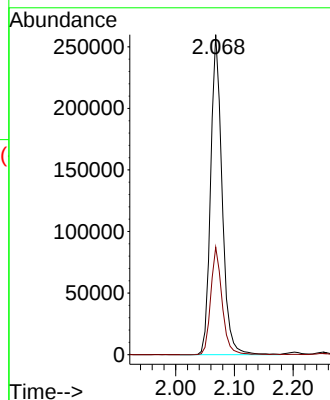
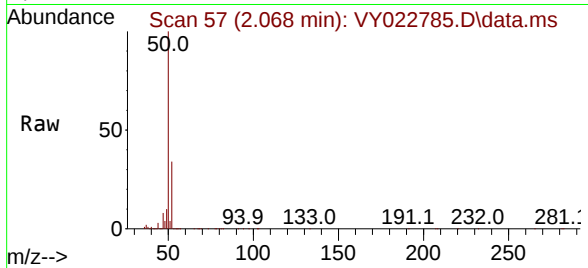




#3
Chloromethane
Concen: 44.886 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

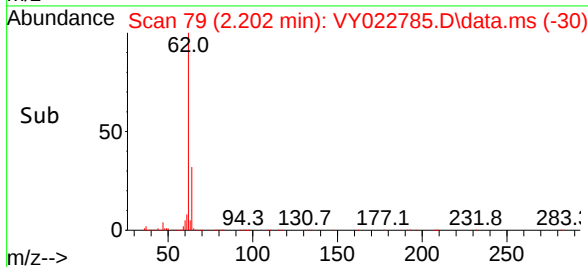
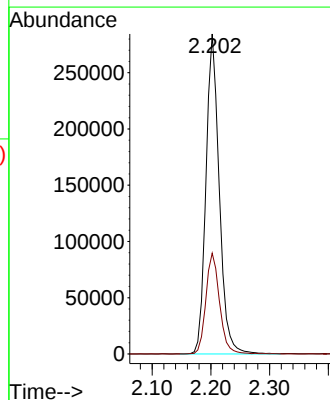
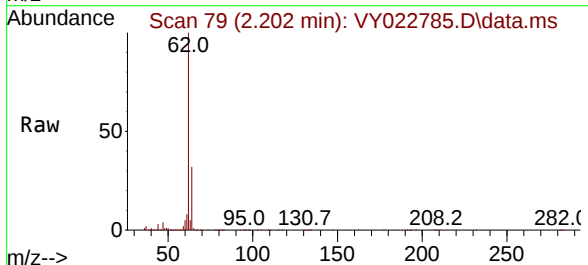
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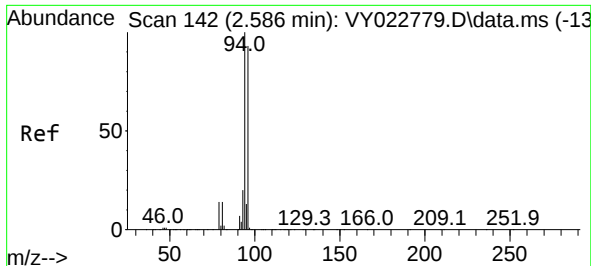
Tgt Ion: 50 Resp: 352218
Ion Ratio Lower Upper
50 100
52 33.6 26.0 39.0



#4
Vinyl Chloride
Concen: 45.647 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 62 Resp: 447496
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9

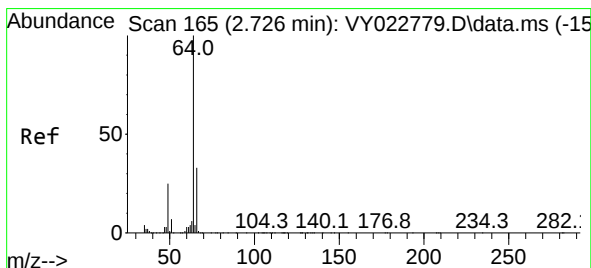
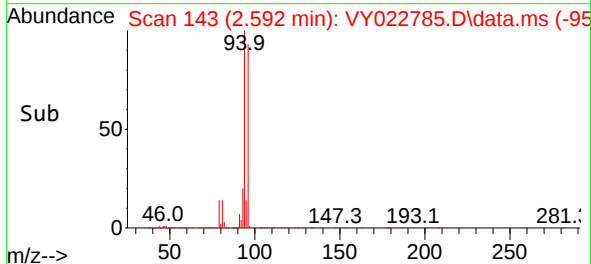
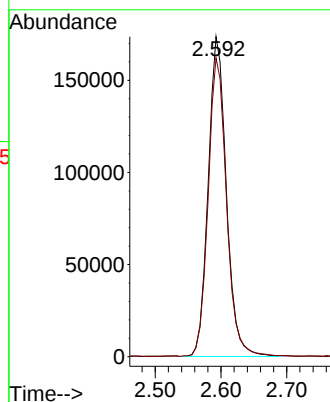
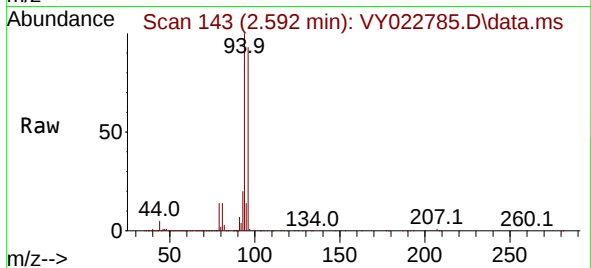




#5
Bromomethane
Concen: 43.310 ug/l
RT: 2.592 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

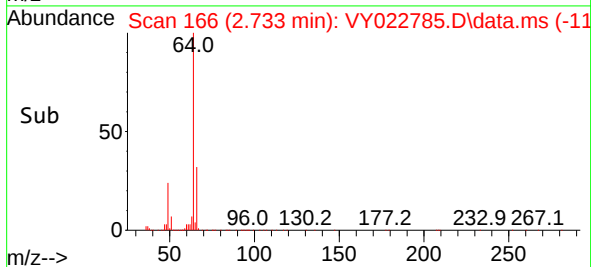
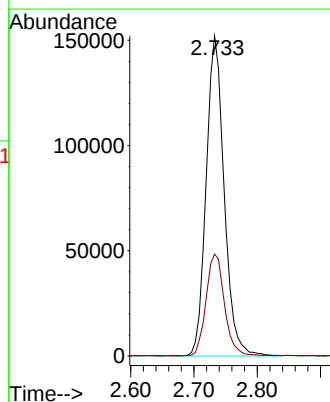
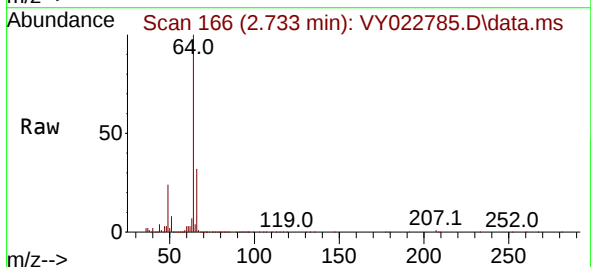
Instrument :
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Tgt Ion: 94 Resp: 333794
Ion Ratio Lower Upper
94 100
96 93.3 74.0 111.0



#6
Chloroethane
Concen: 45.640 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 64 Resp: 300761
Ion Ratio Lower Upper
64 100
66 31.8 23.8 35.6

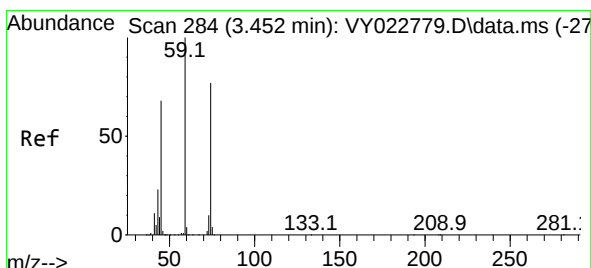
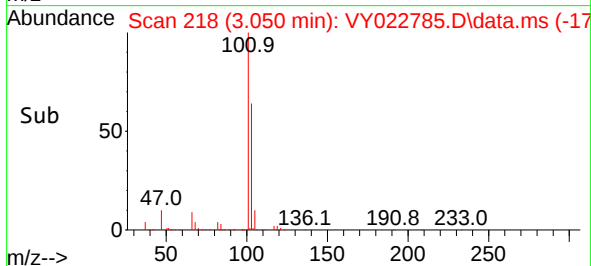
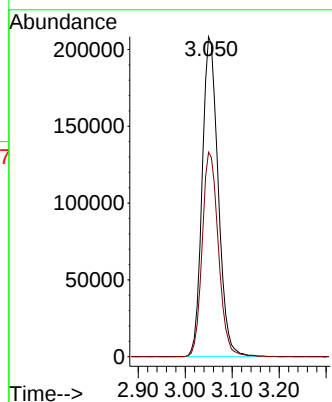
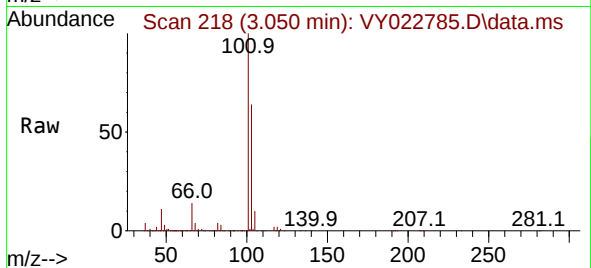




#7
Trichlorofluoromethane
Concen: 45.294 ug/l
RT: 3.050 min Scan# 217
Delta R.T. -0.006 min
Lab File: VY022785.D
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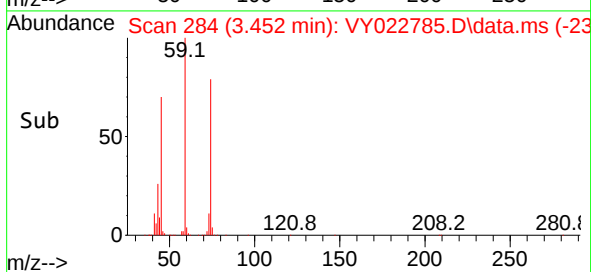
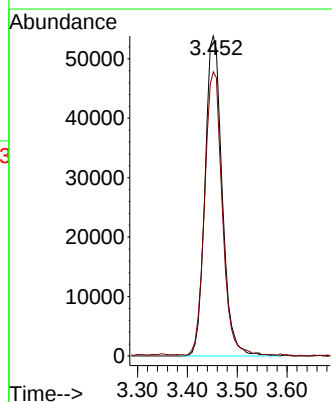
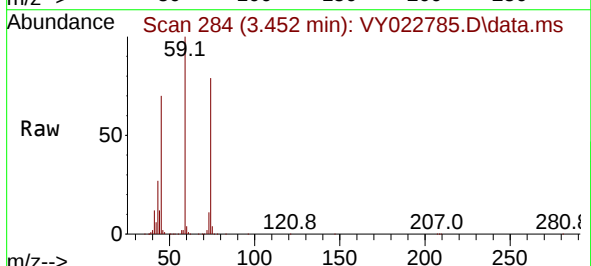
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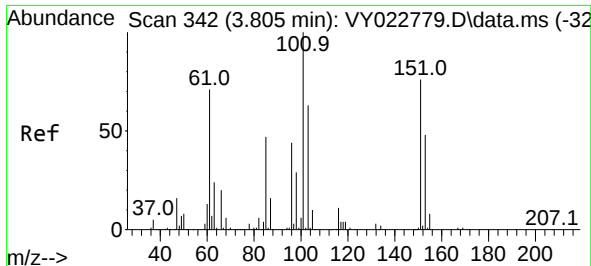
Tgt Ion:101 Resp: 491670
Ion Ratio Lower Upper
101 100
103 63.9 52.2 78.2



#8
Diethyl Ether
Concen: 47.942 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 74 Resp: 128537
Ion Ratio Lower Upper
74 100
45 91.2 45.9 137.6

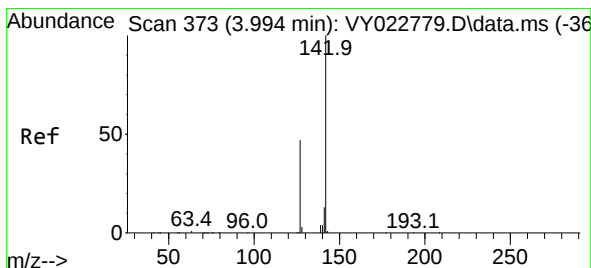
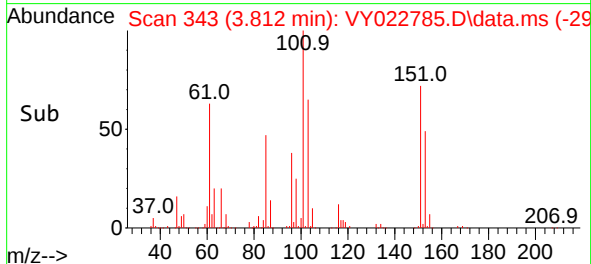
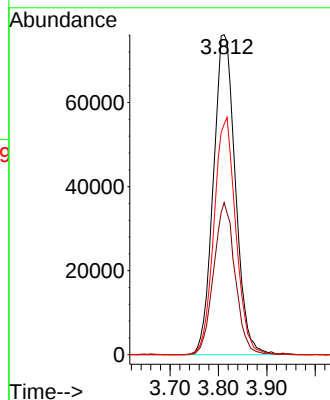
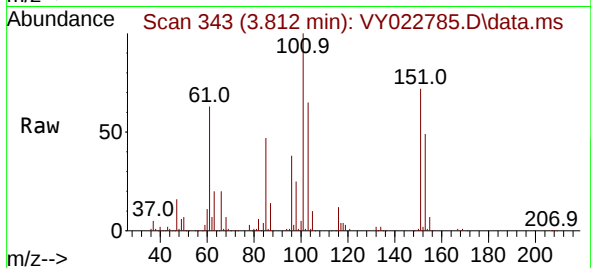




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.692 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022785.D
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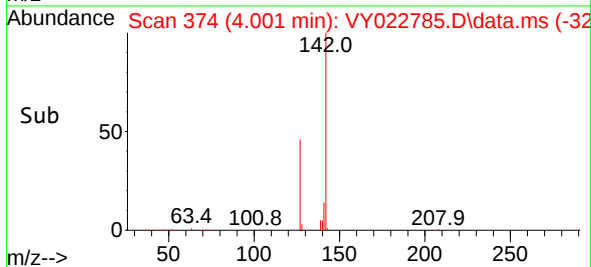
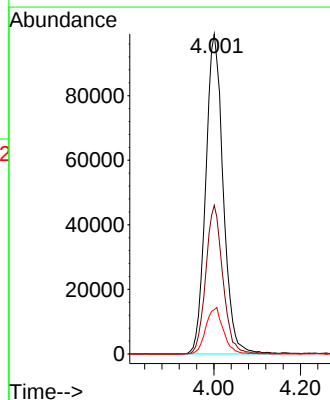
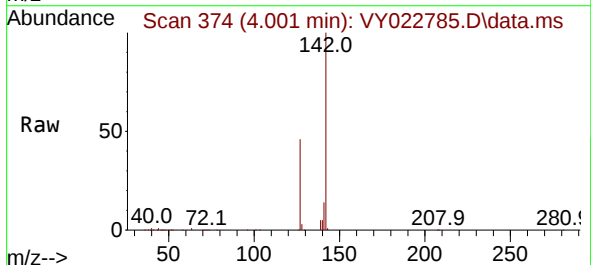
Instrument :
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ClientSampleId :
VSTDCCC050

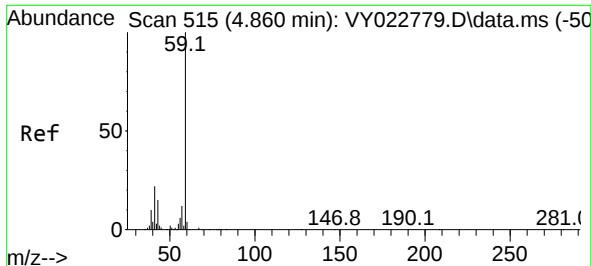
Tgt Ion:101 Resp: 241549
Ion Ratio Lower Upper
101 100
85 46.2 39.3 58.9
151 73.4 57.8 86.8



#10
Methyl Iodide
Concen: 51.418 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion:142 Resp: 277717
Ion Ratio Lower Upper
142 100
127 45.5 37.1 55.7
141 14.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 235.981 ug/l

RT: 4.854 min Scan# 515

Delta R.T. -0.030 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

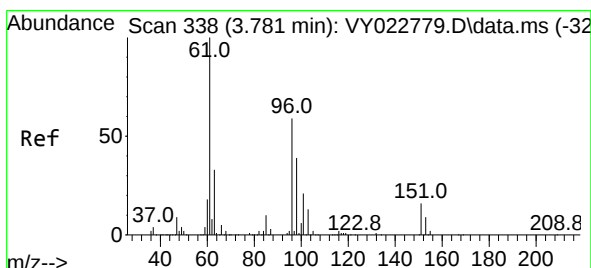
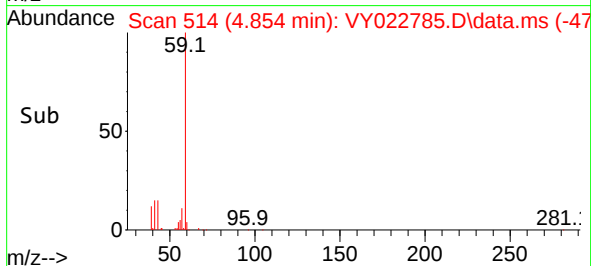
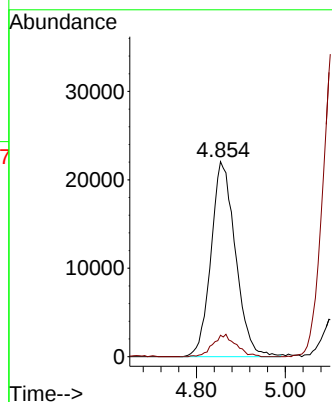
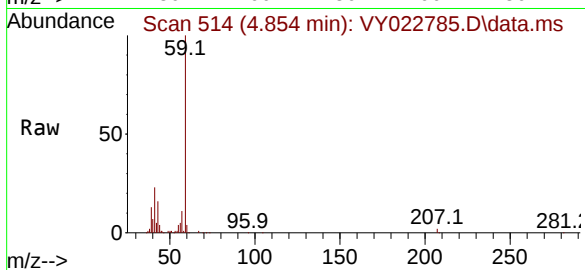
VSTDCCC050

Tgt Ion: 59 Resp: 84161

Ion Ratio Lower Upper

59 100

57 10.9 8.0 12.0



#12

1,1-Dichloroethene

Concen: 48.290 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

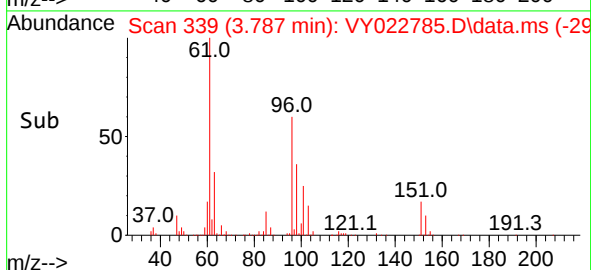
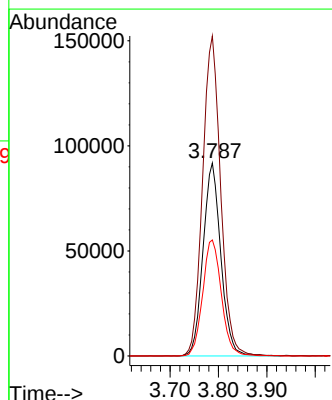
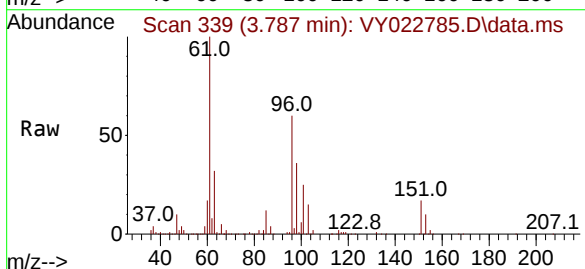
Tgt Ion: 96 Resp: 234897

Ion Ratio Lower Upper

96 100

61 165.7 134.6 201.8

98 60.0 50.2 75.4

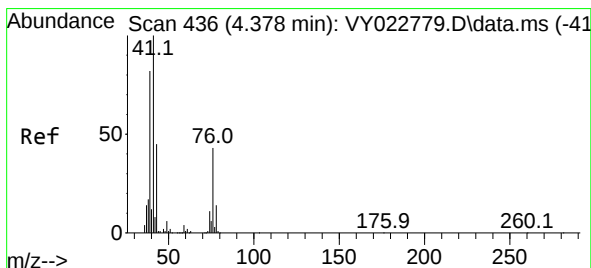
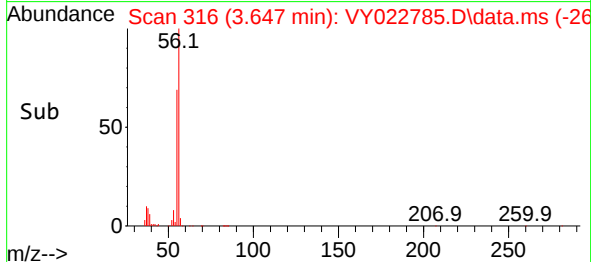
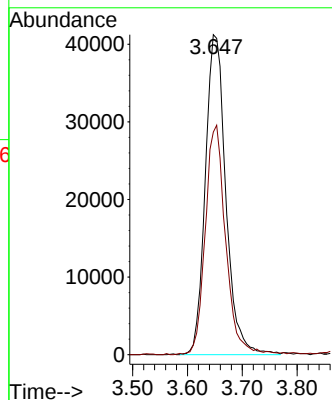
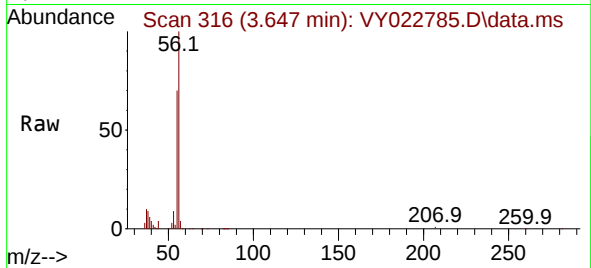




#13
Acrolein
Concen: 221.672 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

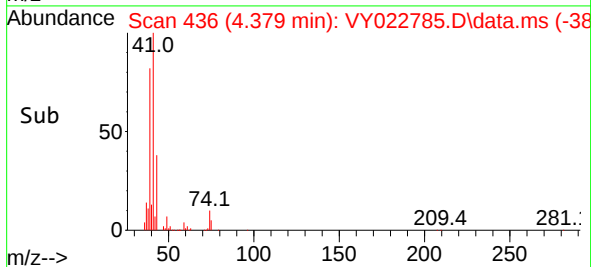
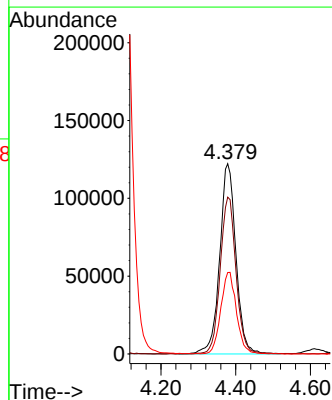
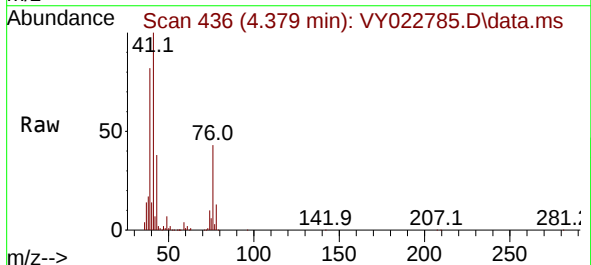
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

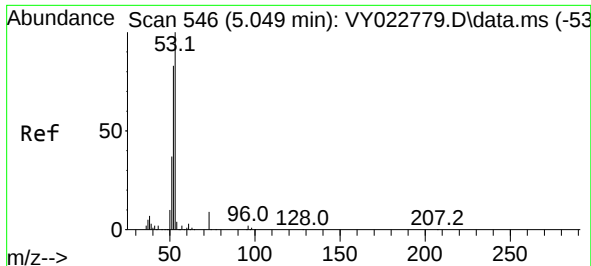
Tgt Ion: 56 Resp: 107203
Ion Ratio Lower Upper
56 100
55 70.7 57.0 85.6



#14
Allyl chloride
Concen: 49.242 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 41 Resp: 368419
Ion Ratio Lower Upper
41 100
39 80.5 69.1 103.7
76 41.4 33.5 50.3

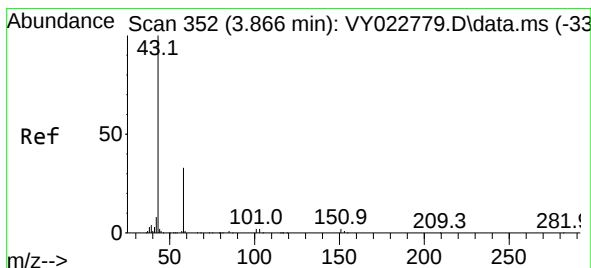
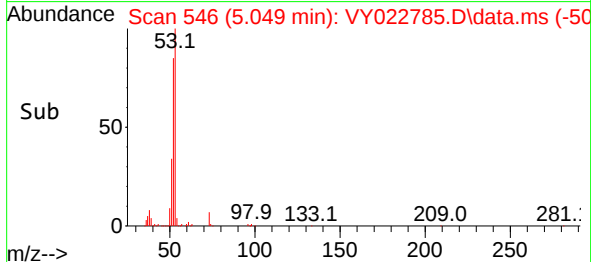
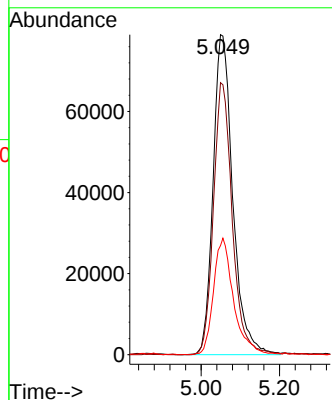
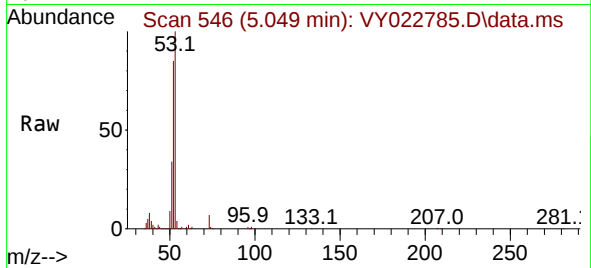




#15
Acrylonitrile
Concen: 246.454 ug/l
RT: 5.049 min Scan# 546
Delta R.T. -0.018 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

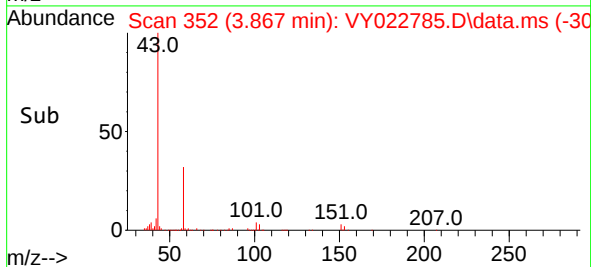
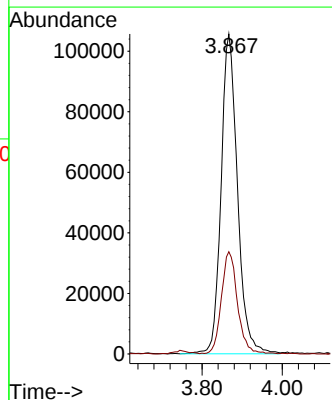
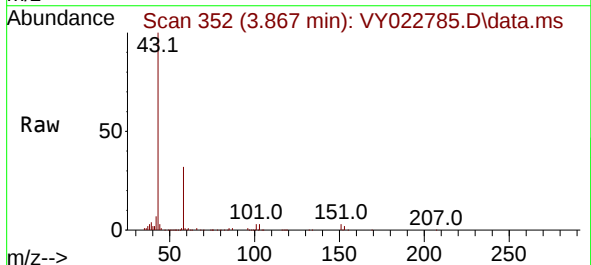
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

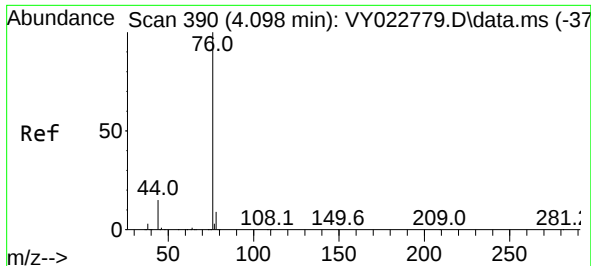
Tgt Ion: 53 Resp: 275688
Ion Ratio Lower Upper
53 100
52 81.3 65.7 98.5
51 37.2 30.1 45.1



#16
Acetone
Concen: 294.982 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 43 Resp: 299043
Ion Ratio Lower Upper
43 100
58 31.9 24.0 36.0

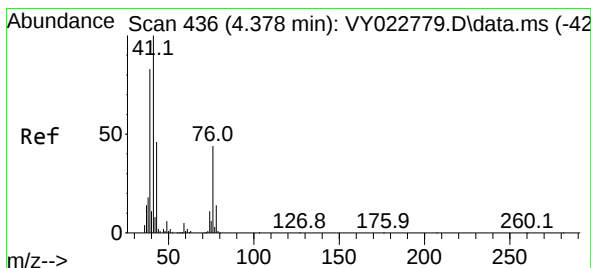
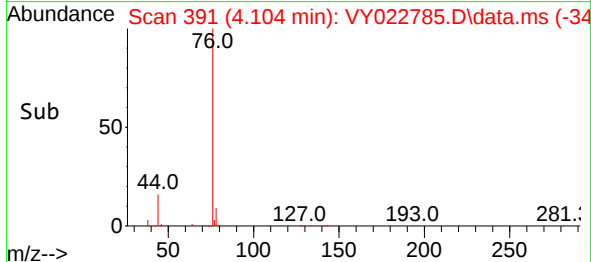
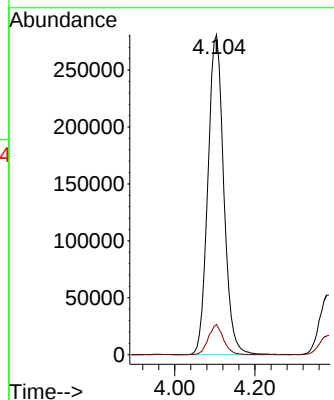
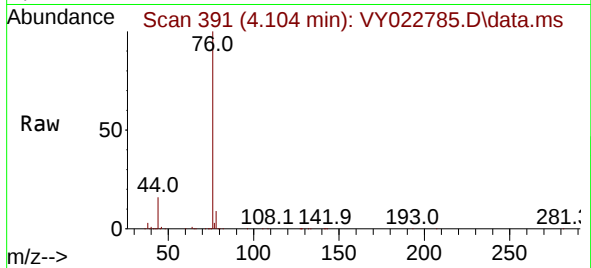




#17
Carbon Disulfide
Concen: 49.095 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

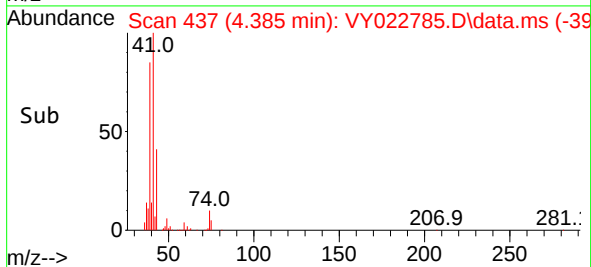
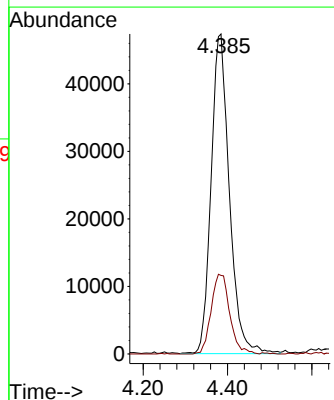
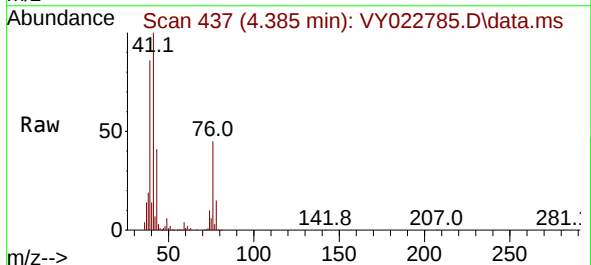
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 771483
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 42.343 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 43 Resp: 142156
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.6

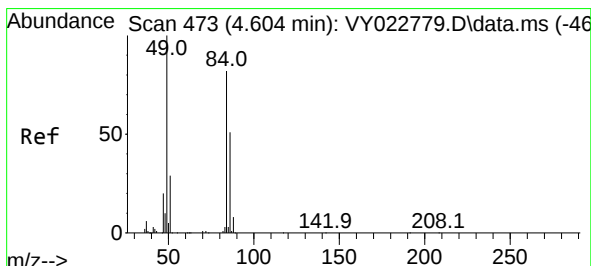
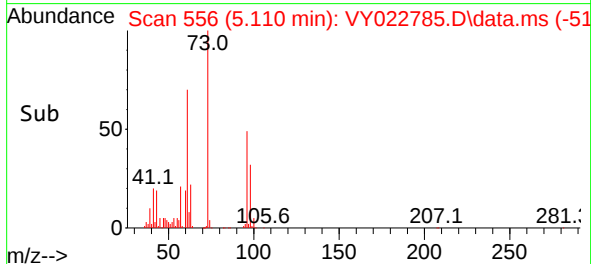
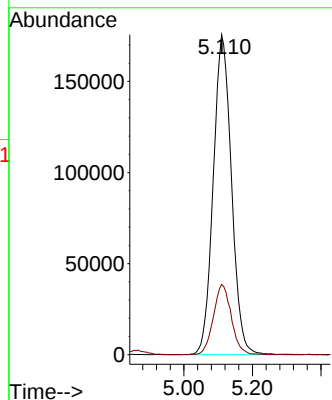
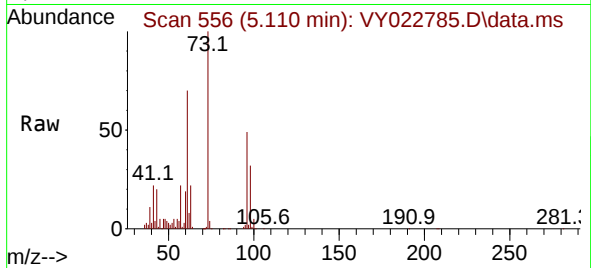




#19
Methyl tert-butyl Ether
Concen: 48.885 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

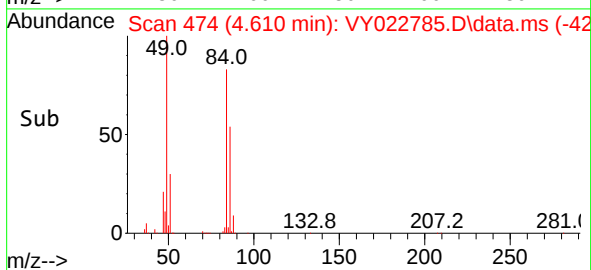
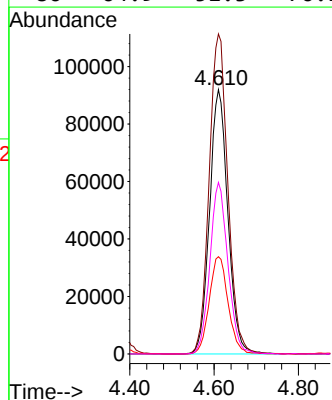
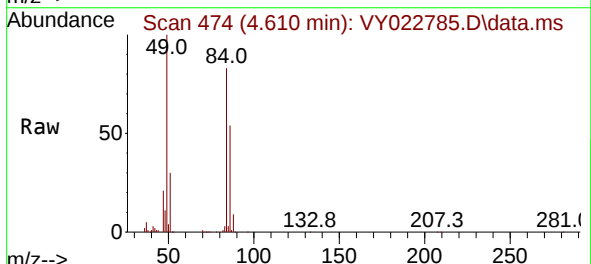
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

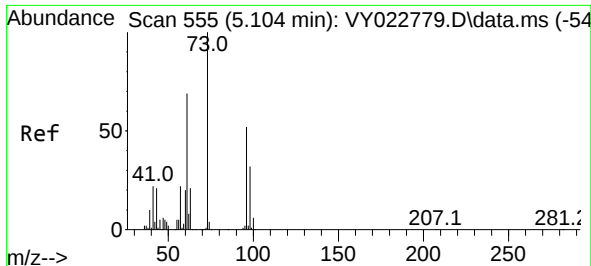
Tgt Ion: 73 Resp: 647481
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0



#20
Methylene Chloride
Concen: 43.322 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 84 Resp: 277358
Ion Ratio Lower Upper
84 100
49 121.1 101.9 152.9
51 36.8 29.8 44.8
86 64.9 51.3 76.9

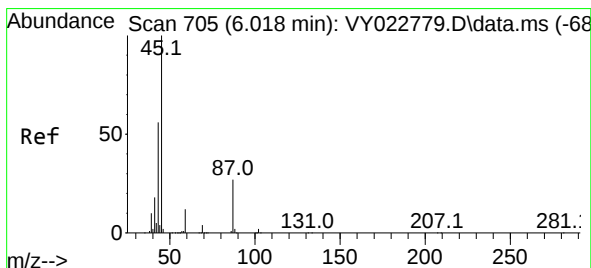
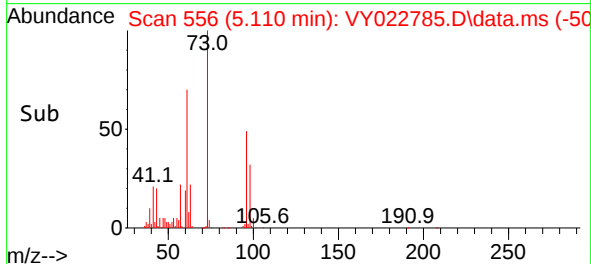
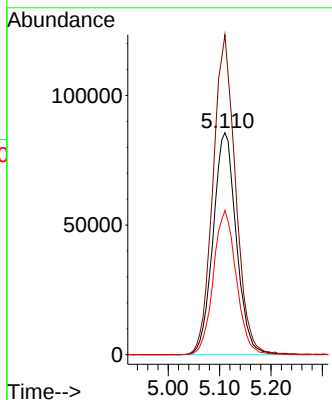
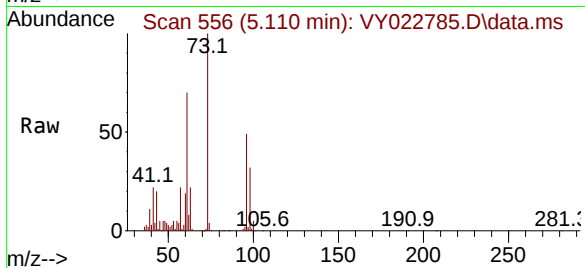




#21
trans-1,2-Dichloroethene
Concen: 48.317 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

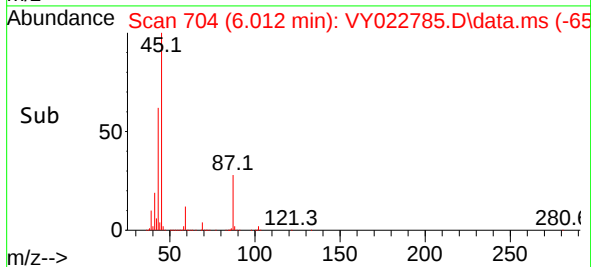
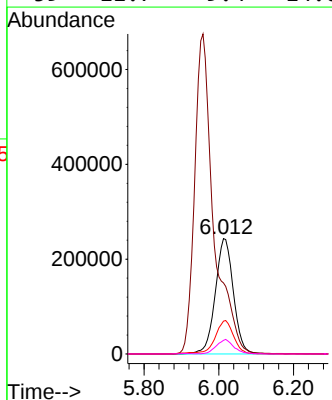
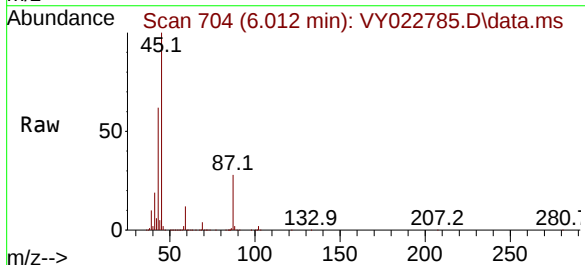
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

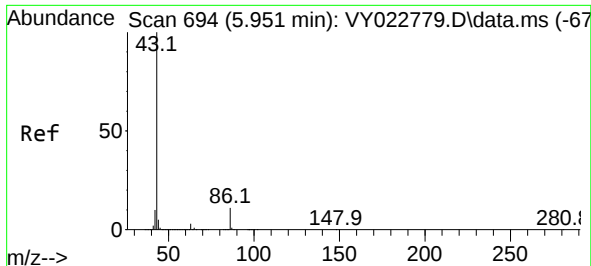
Tgt Ion: 96 Resp: 268610
Ion Ratio Lower Upper
96 100
61 144.2 112.6 169.0
98 65.0 50.6 75.8



#22
Diisopropyl ether
Concen: 49.296 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 45 Resp: 819092
Ion Ratio Lower Upper
45 100
43 61.2 48.3 72.5
87 28.4 23.0 34.6
59 11.7 9.4 14.0

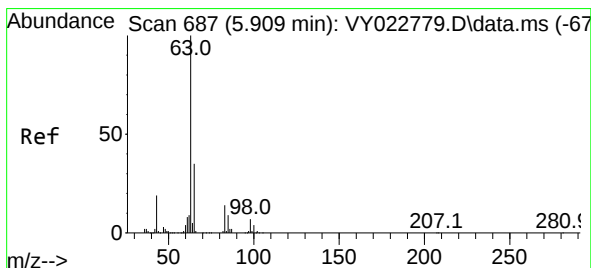
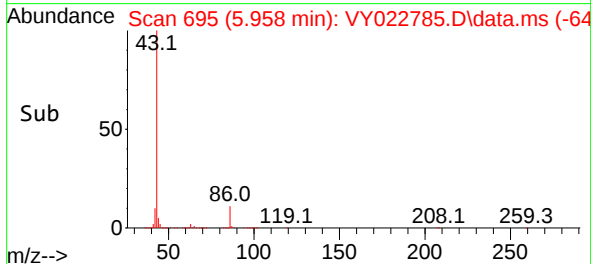
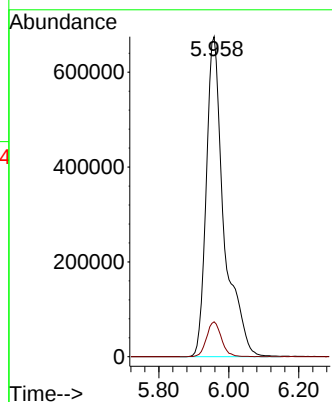
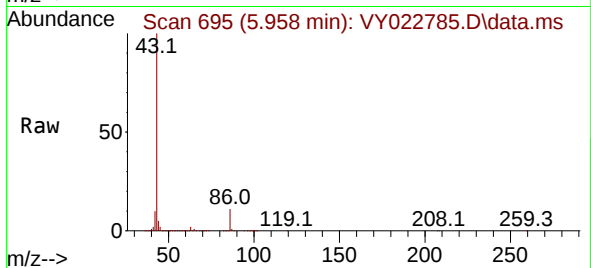




#23
 Vinyl Acetate
 Concen: 259.134 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY022785.D
 Acq: 24 Jun 2025 09:20

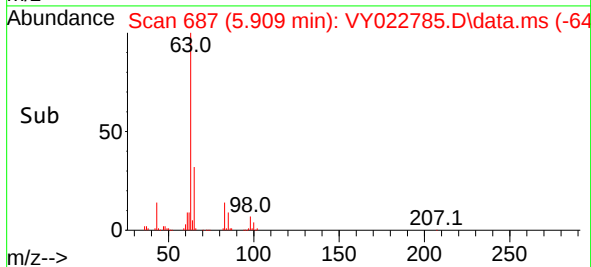
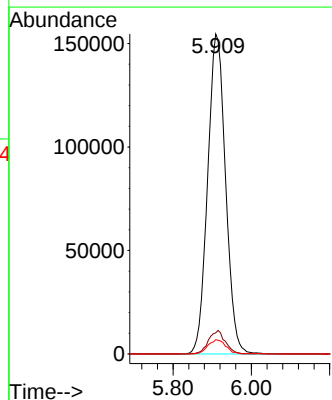
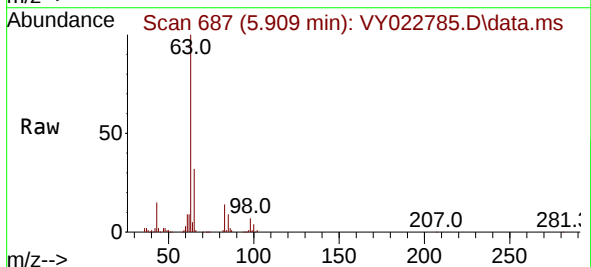
Instrument :
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 ClientSampleId :
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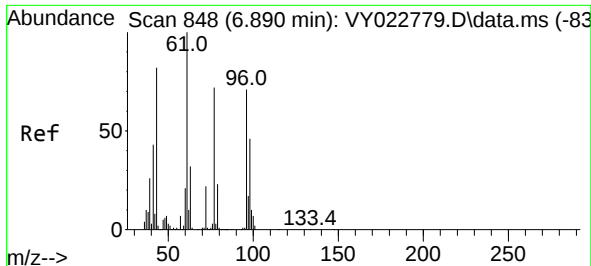
Tgt Ion: 43 Resp: 2377985
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 48.913 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022785.D
 Acq: 24 Jun 2025 09:20

Tgt Ion: 63 Resp: 490905
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.5 2.1 6.3

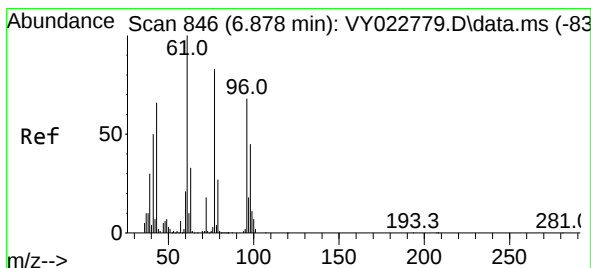
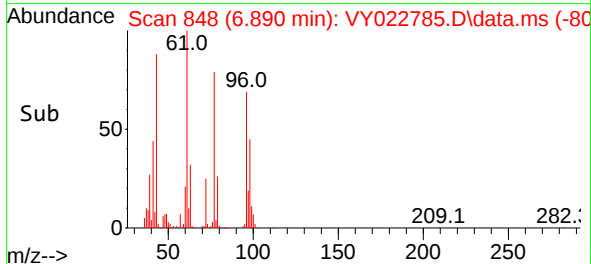
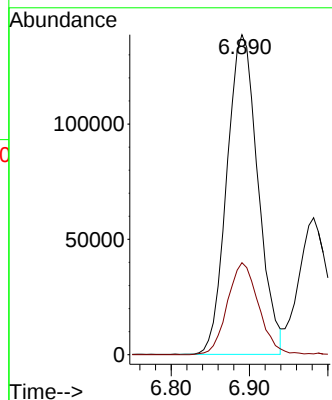
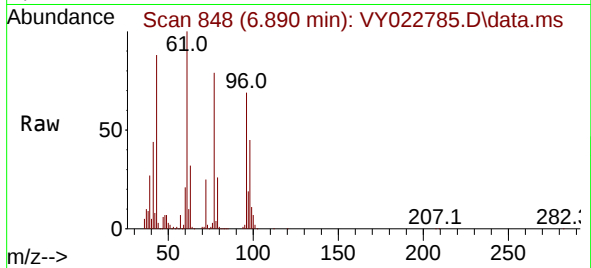




#25
2-Butanone
Concen: 259.477 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

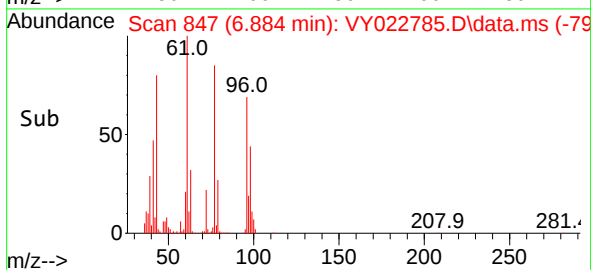
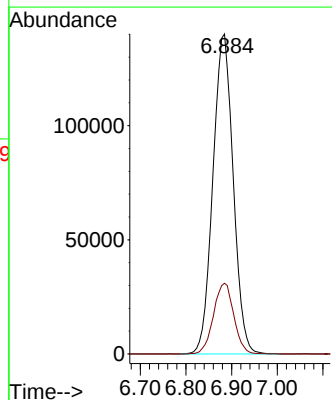
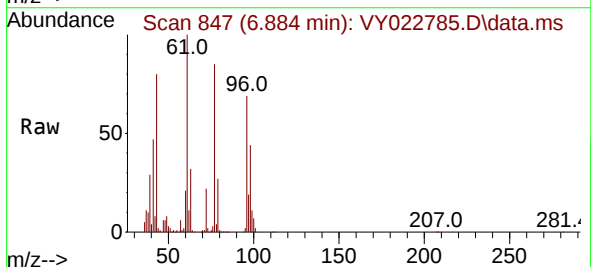
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

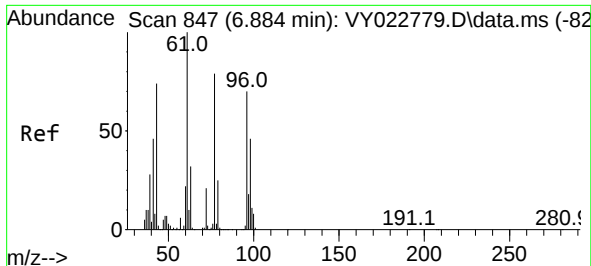
Tgt Ion: 43 Resp: 382848
Ion Ratio Lower Upper
43 100
72 28.8 22.9 34.3



#26
2,2-Dichloropropane
Concen: 51.399 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 77 Resp: 432416
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.2



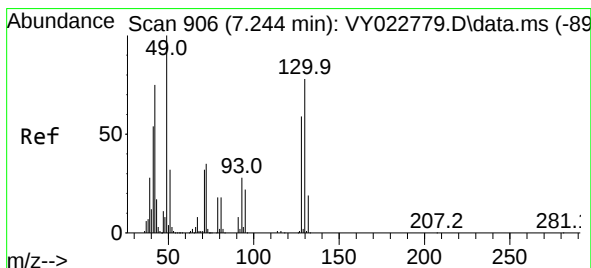
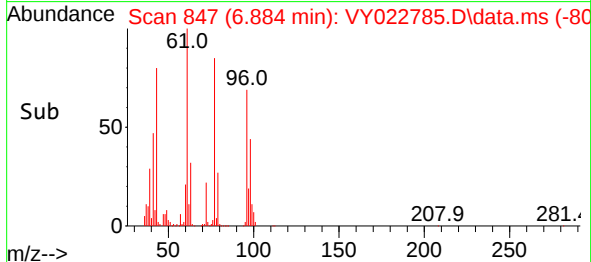
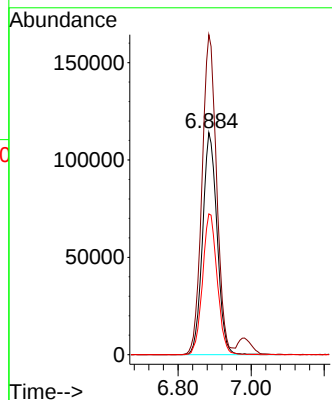
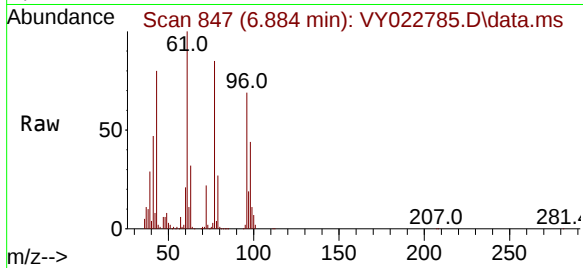


#27
 cis-1,2-Dichloroethene
 Concen: 48.520 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. -0.012 min
 Lab File: VY022785.D
 Acq: 24 Jun 2025 09:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 313435

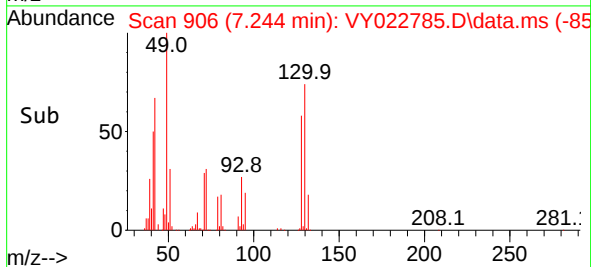
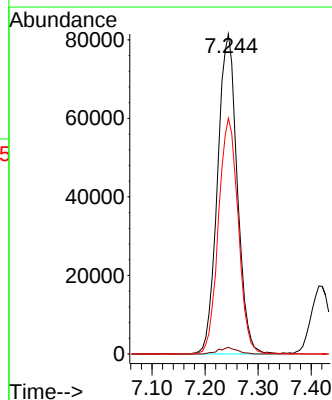
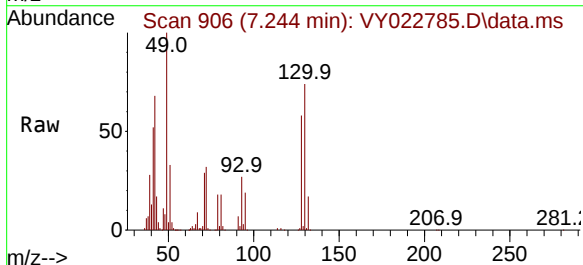
Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	290.0
98	64.3	0.0	128.4

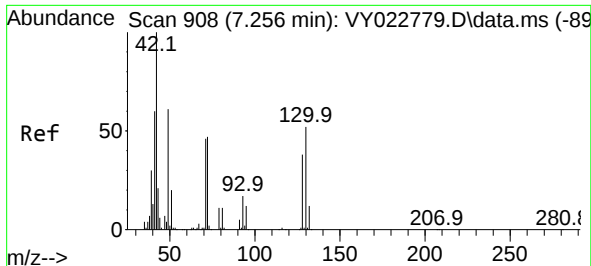


#28
 Bromochloromethane
 Concen: 49.841 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022785.D
 Acq: 24 Jun 2025 09:20

Tgt Ion: 49 Resp: 210301

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.6
130	73.7	55.7	83.5





#29

Tetrahydrofuran

Concen: 247.100 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

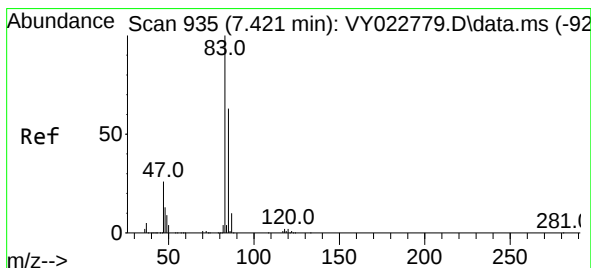
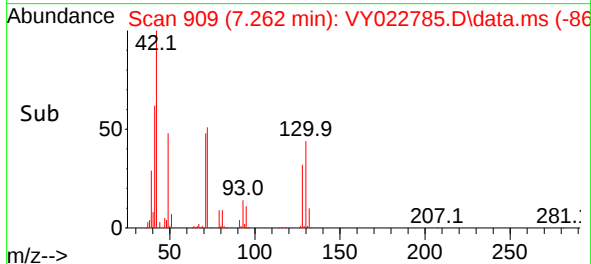
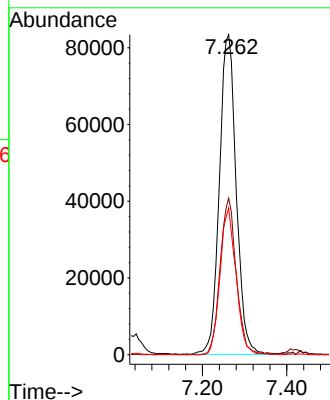
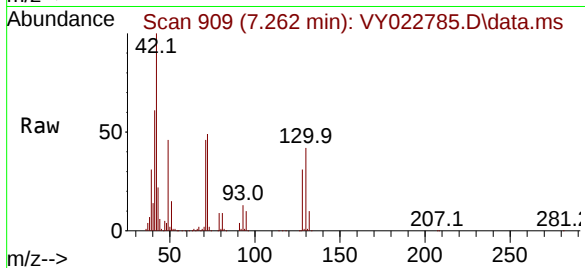
Tgt Ion: 42 Resp: 230217

Ion Ratio Lower Upper

42 100

72 46.9 37.4 56.2

71 43.4 34.2 51.2



#30

Chloroform

Concen: 48.595 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022785.D

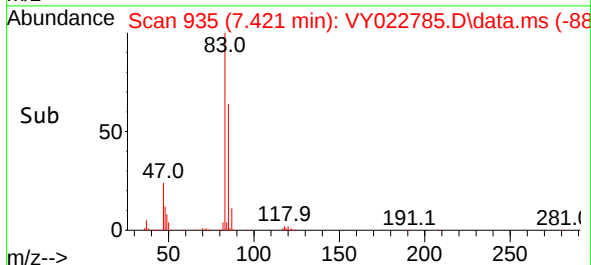
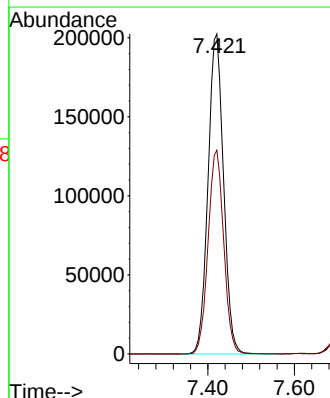
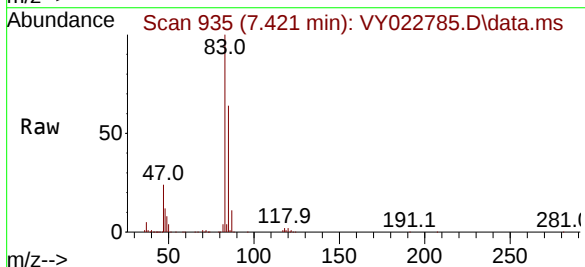
Acq: 24 Jun 2025 09:20

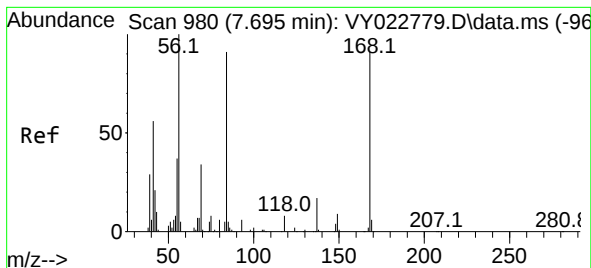
Tgt Ion: 83 Resp: 502331

Ion Ratio Lower Upper

83 100

85 63.7 54.2 81.4





#31

Cyclohexane

Concen: 46.906 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

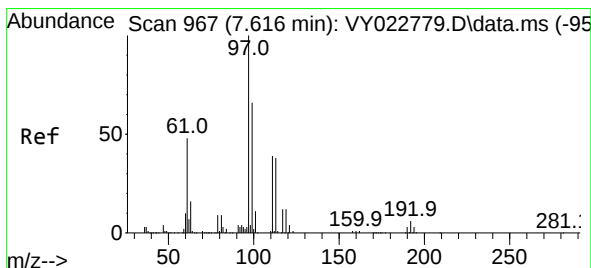
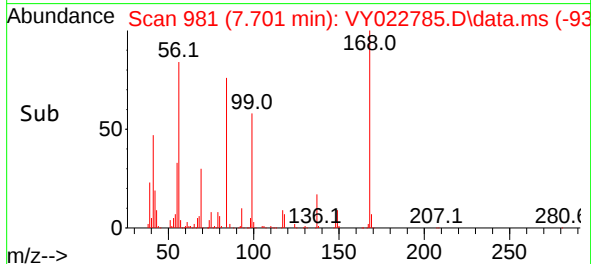
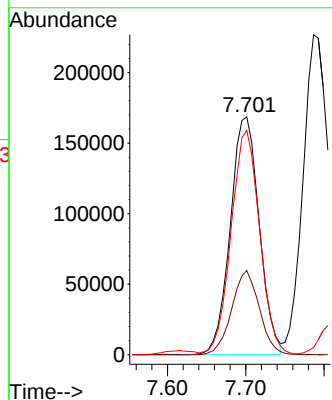
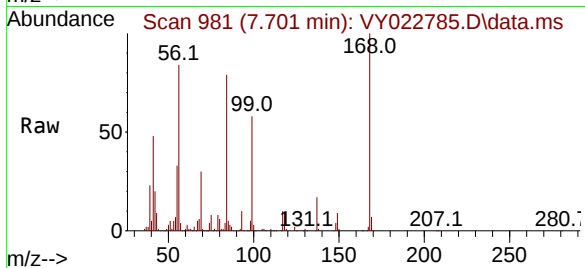
Tgt Ion: 56 Resp: 432130

Ion Ratio Lower Upper

56 100

69 35.4 27.0 40.6

84 92.5 72.6 109.0



#32

1,1,1-Trichloroethane

Concen: 48.620 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

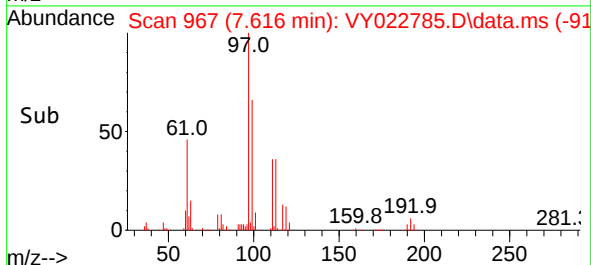
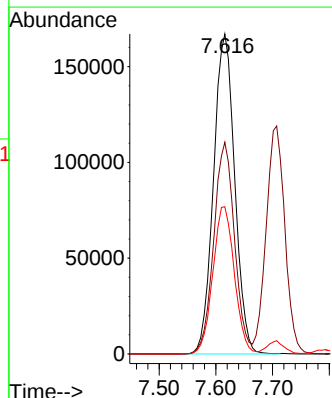
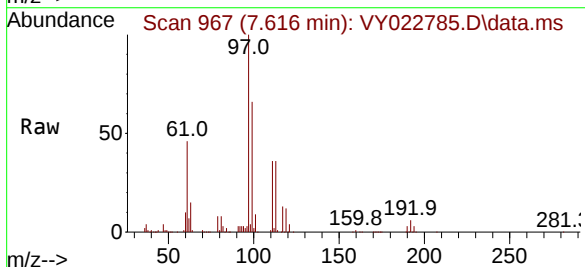
Tgt Ion: 97 Resp: 434321

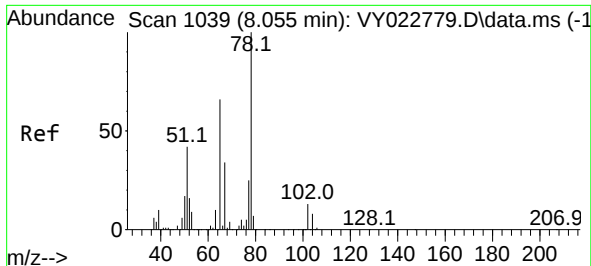
Ion Ratio Lower Upper

97 100

99 64.9 50.9 76.3

61 46.7 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 48.714 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

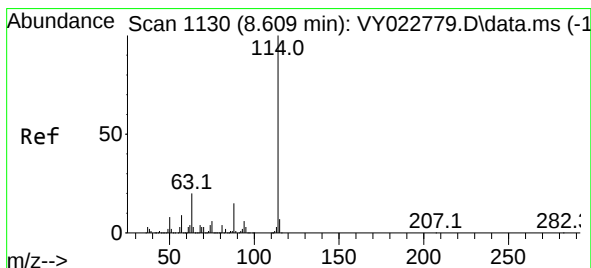
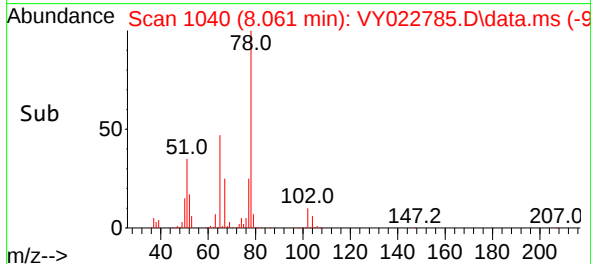
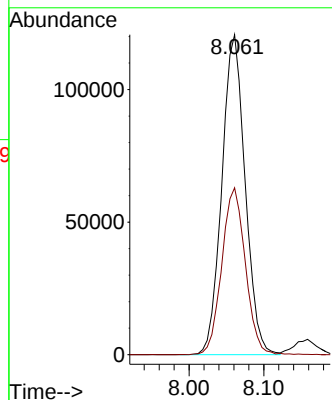
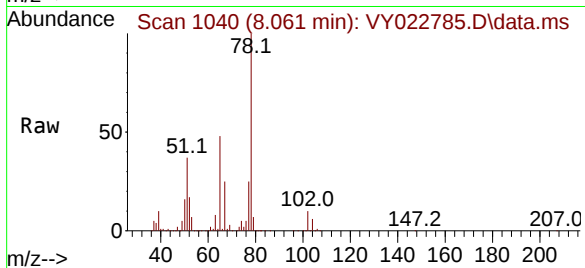
VSTDCCC050

Tgt Ion: 65 Resp: 261283

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

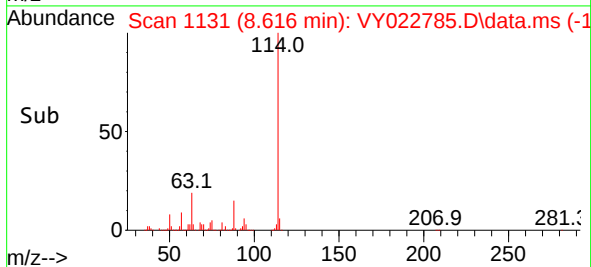
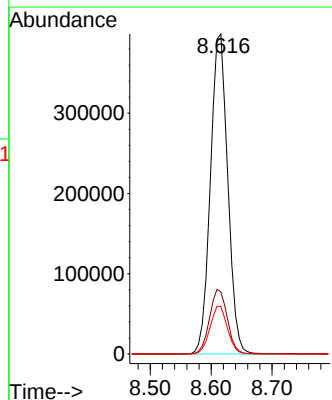
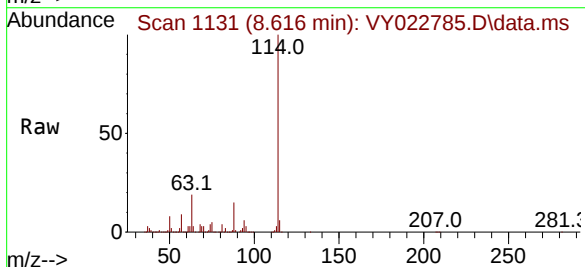
Tgt Ion: 114 Resp: 788269

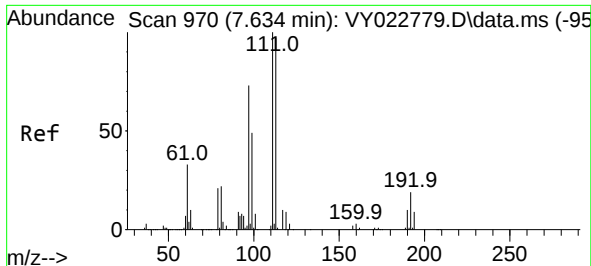
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

88 14.8 0.0 27.8

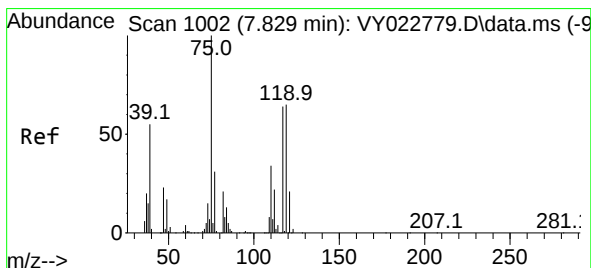
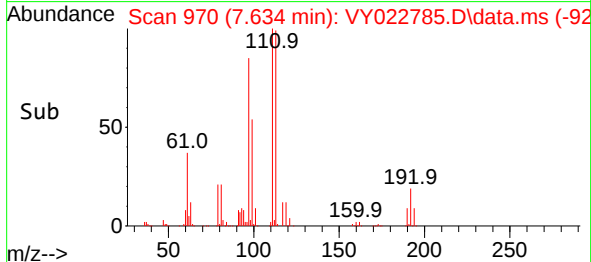
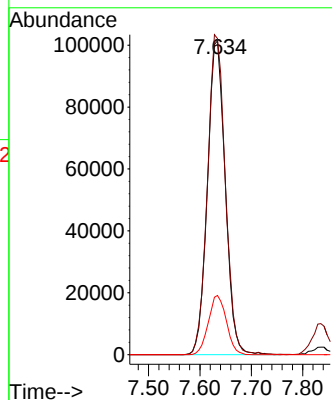
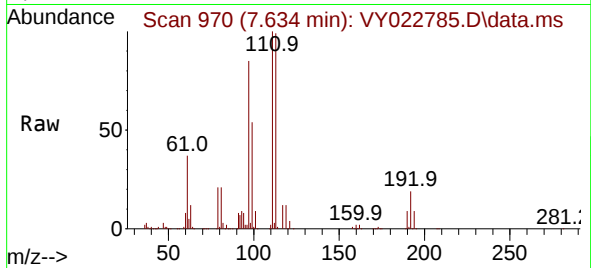




#35
Dibromofluoromethane
Concen: 50.943 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

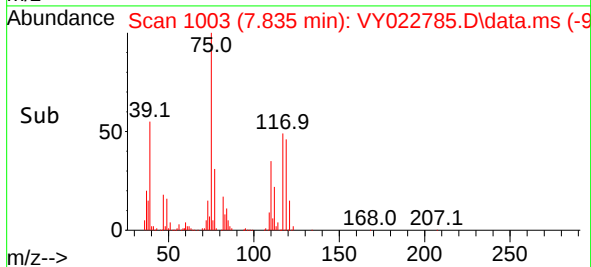
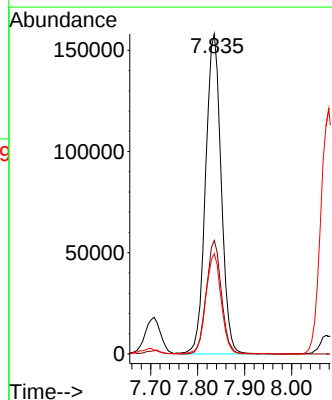
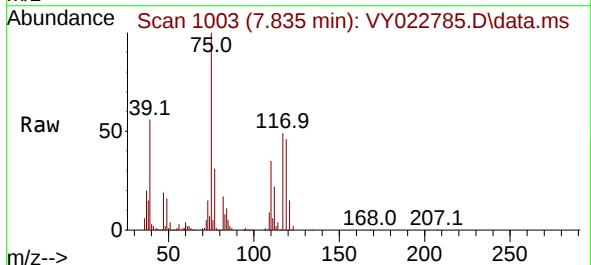
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

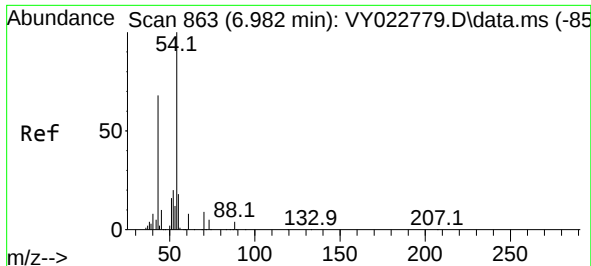
Tgt Ion:113 Resp: 244214
Ion Ratio Lower Upper
113 100
111 102.4 81.1 121.7
192 19.1 14.2 21.2



#36
1,1-Dichloropropene
Concen: 50.094 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 75 Resp: 364003
Ion Ratio Lower Upper
75 100
110 34.4 16.9 50.7
77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 51.379 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.012 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

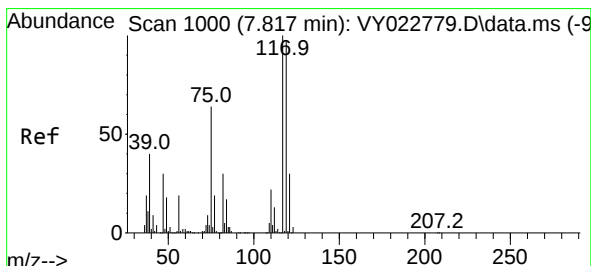
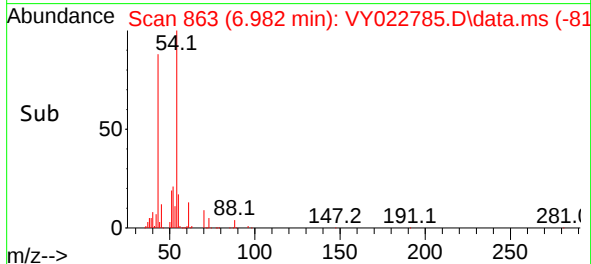
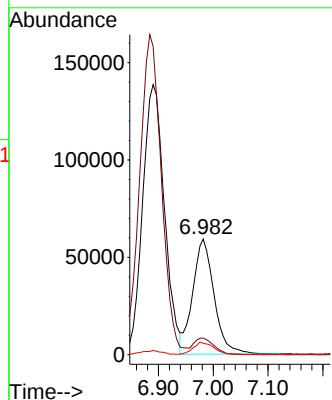
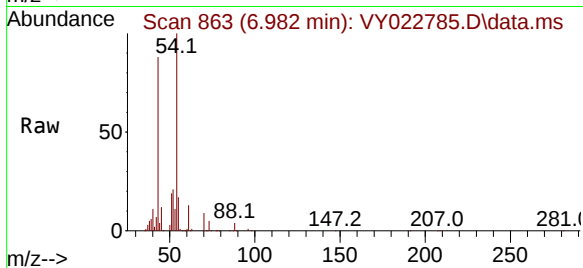
Tgt Ion: 43 Resp: 161101

Ion Ratio Lower Upper

43 100

61 13.0 11.5 17.3

70 10.5 7.2 10.8



#38

Carbon Tetrachloride

Concen: 49.762 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

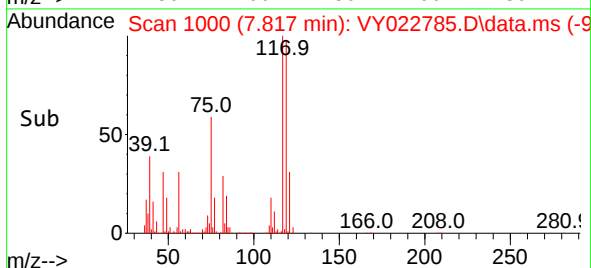
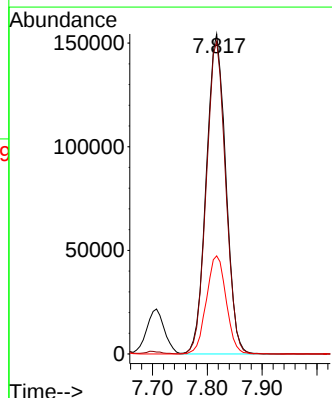
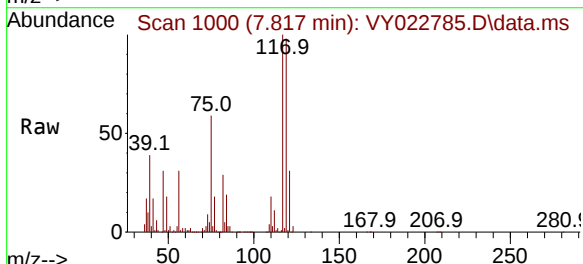
Tgt Ion: 117 Resp: 381526

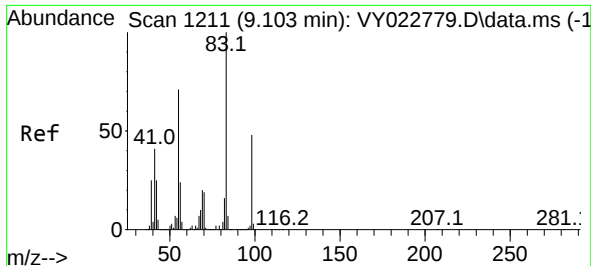
Ion Ratio Lower Upper

117 100

119 97.7 75.0 112.6

121 30.7 25.0 37.4





#39

Methylcyclohexane

Concen: 50.457 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

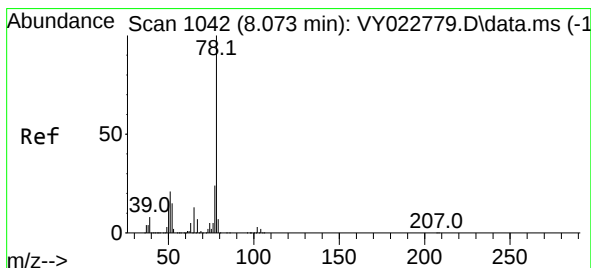
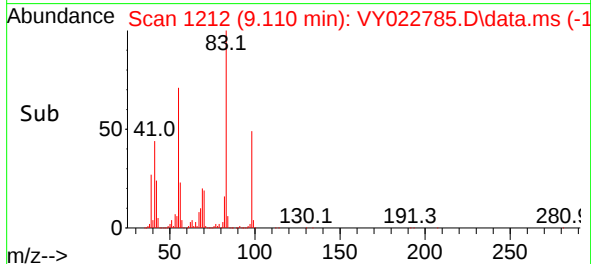
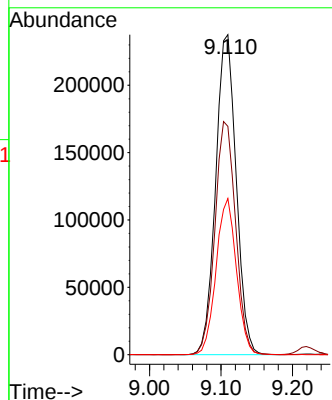
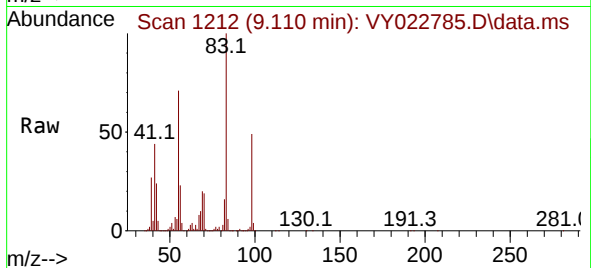
Tgt Ion: 83 Resp: 474467

Ion Ratio Lower Upper

83 100

55 71.3 58.1 87.1

98 48.8 39.0 58.6



#40

Benzene

Concen: 49.742 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022785.D

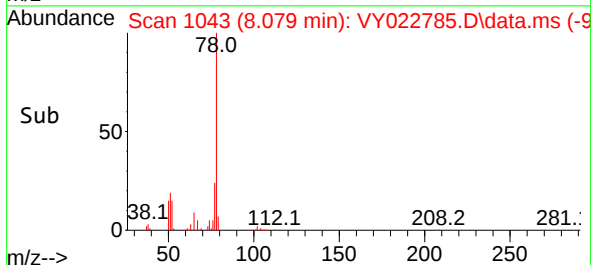
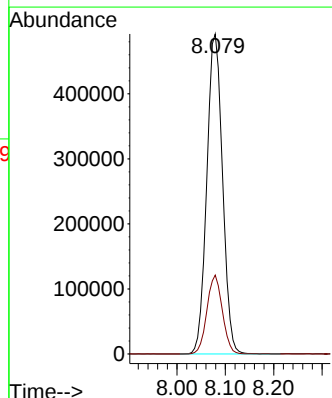
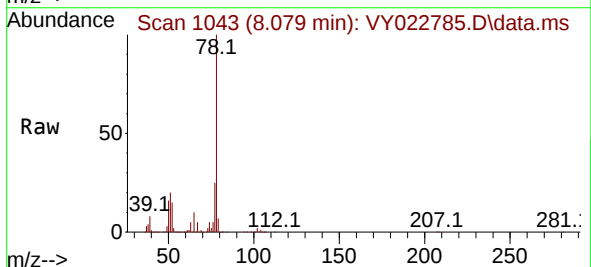
Acq: 24 Jun 2025 09:20

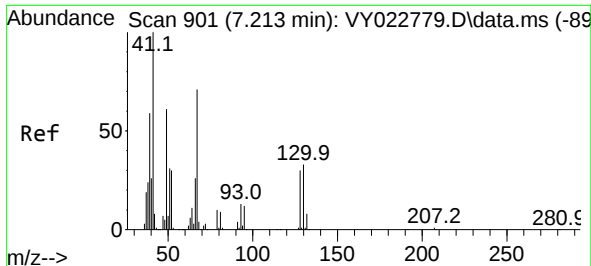
Tgt Ion: 78 Resp: 1111272

Ion Ratio Lower Upper

78 100

77 24.7 19.3 28.9

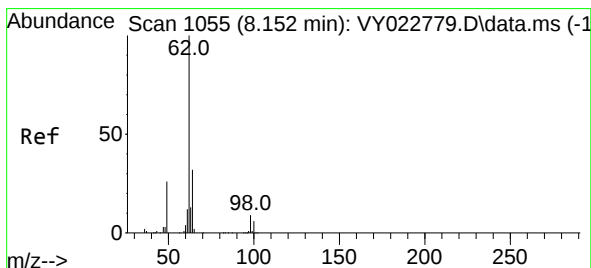
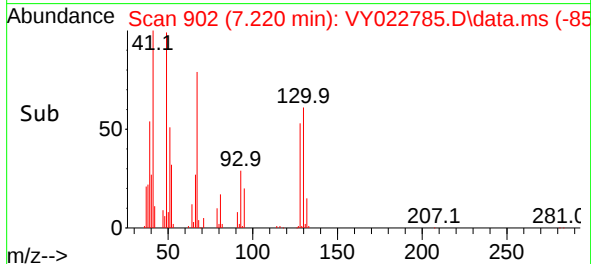
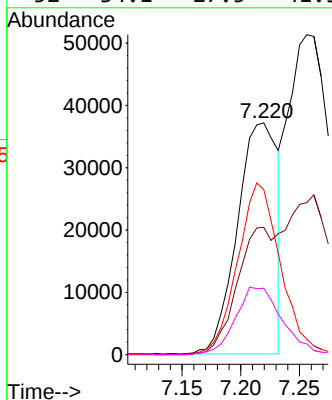
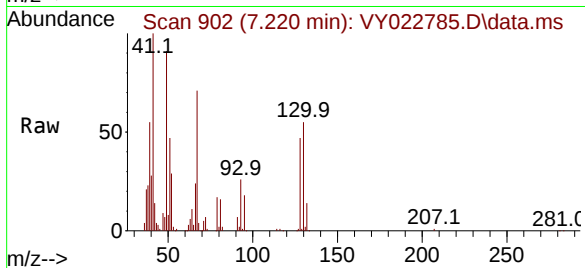




#41
Methacrylonitrile
Concen: 45.834 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

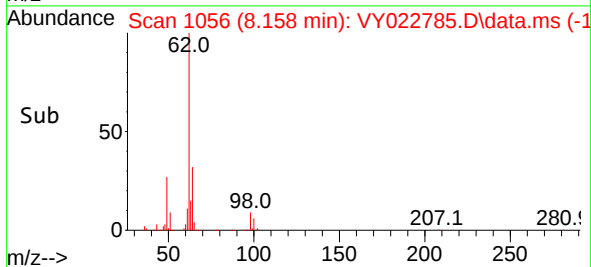
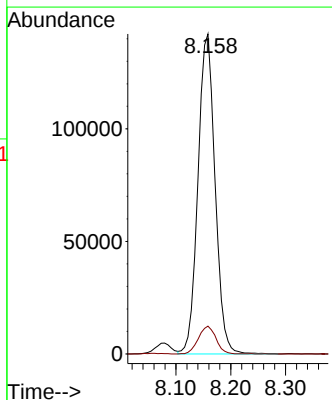
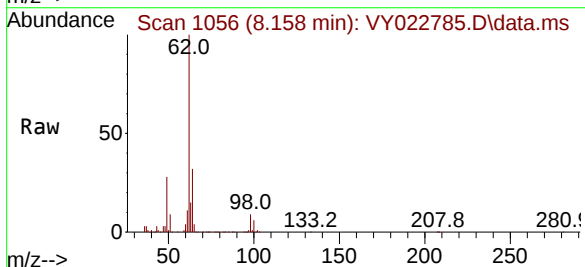
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

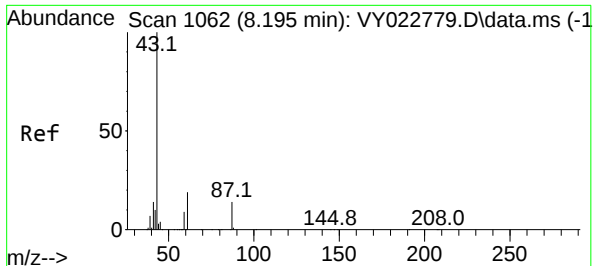
Tgt Ion:	41	Resp:	88474
Ion	Ratio	Lower	Upper
41	100		
39	47.6	46.6	69.8
67	79.8	63.3	94.9
52	34.1	27.5	41.3



#42
1,2-Dichloroethane
Concen: 50.394 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion:	62	Resp:	308508
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.2





#43

Isopropyl Acetate

Concen: 50.329 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

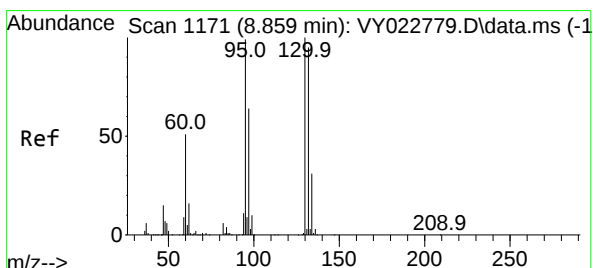
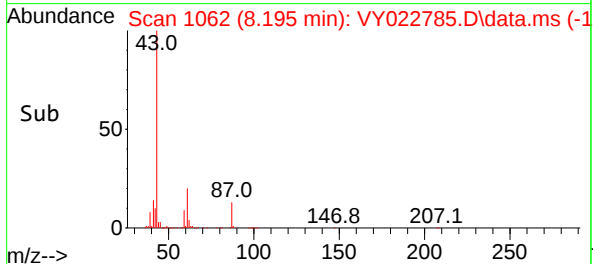
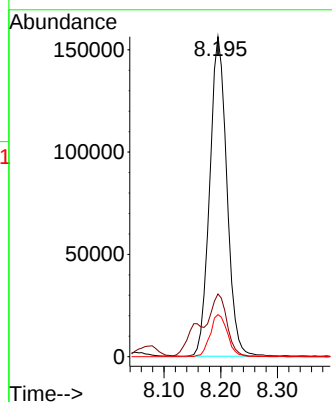
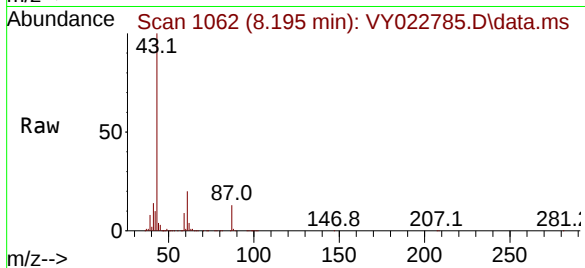
Tgt Ion: 43 Resp: 327988

Ion Ratio Lower Upper

43 100

61 19.5 15.6 23.4

87 13.4 10.2 15.4



#44

Trichloroethene

Concen: 48.740 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022785.D

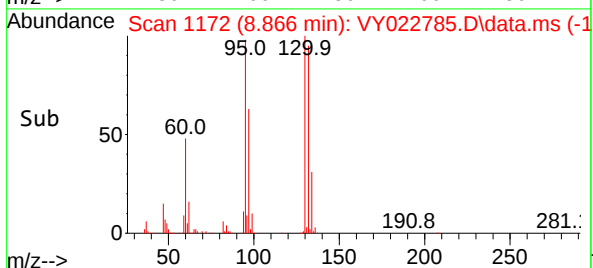
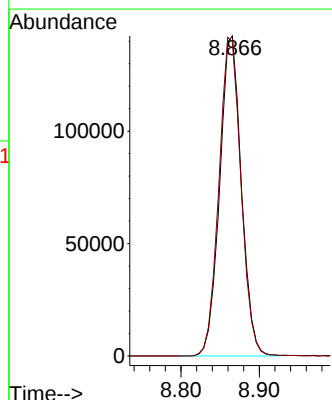
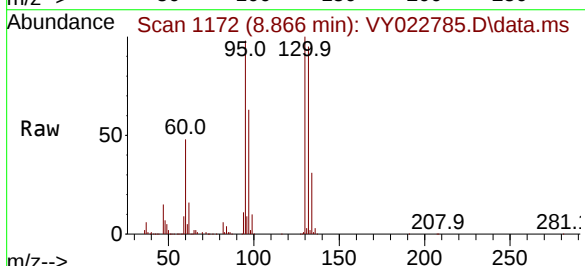
Acq: 24 Jun 2025 09:20

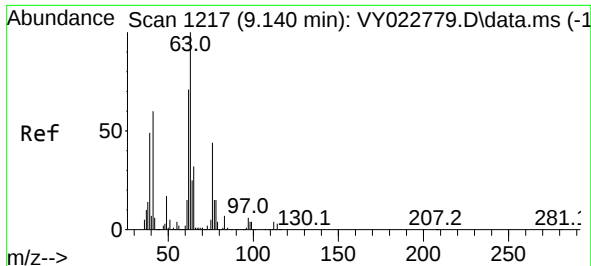
Tgt Ion:130 Resp: 273386

Ion Ratio Lower Upper

130 100

95 98.2 0.0 203.0





#45

1,2-Dichloropropane

Concen: 49.962 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

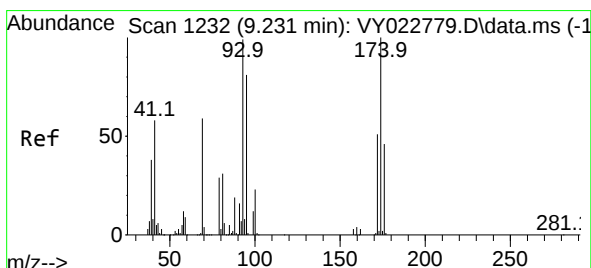
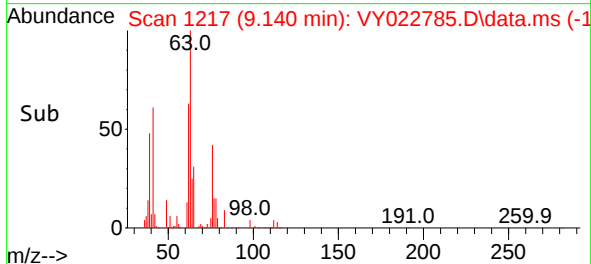
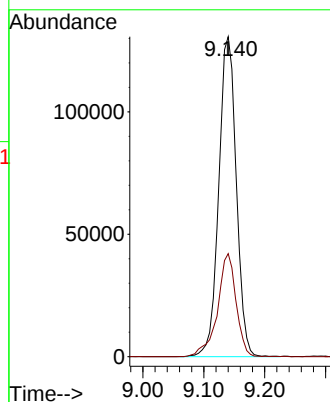
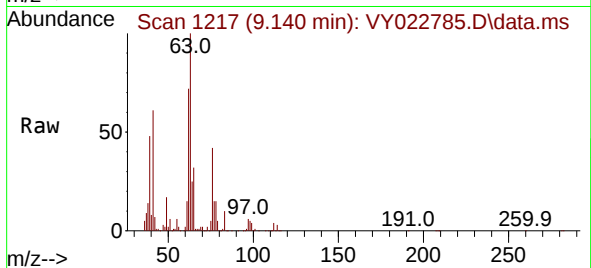
VSTDCCC050

Tgt Ion: 63 Resp: 261237

Ion Ratio Lower Upper

63 100

65 32.1 24.0 36.0



#46

Dibromomethane

Concen: 48.835 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

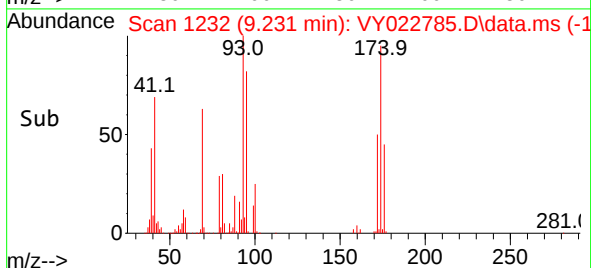
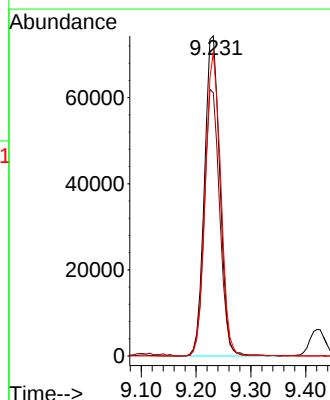
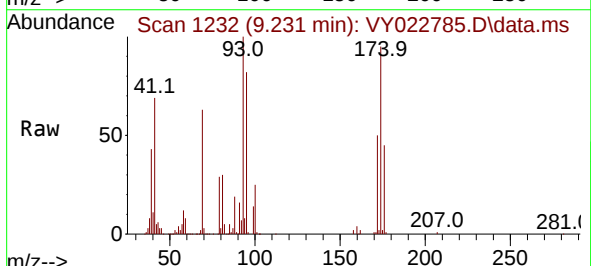
Tgt Ion: 93 Resp: 144951

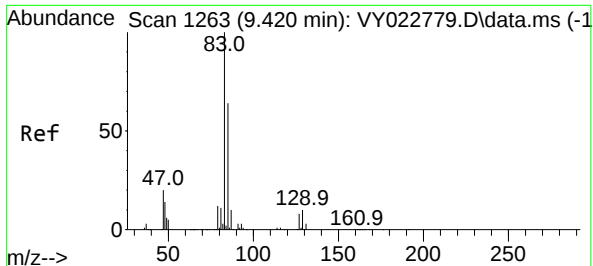
Ion Ratio Lower Upper

93 100

95 82.5 65.6 98.4

174 94.2 70.4 105.6

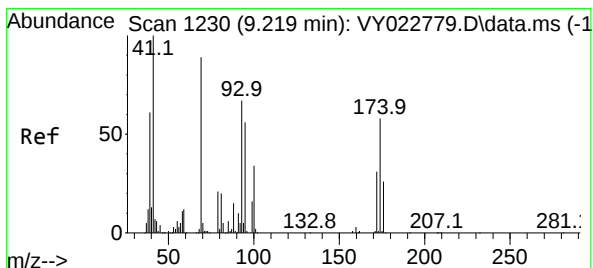
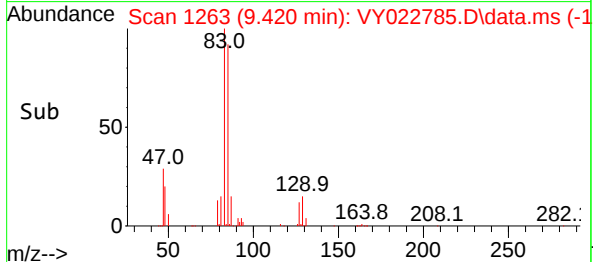
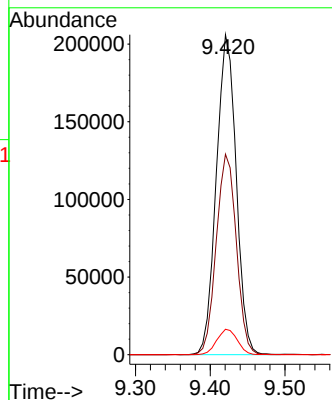
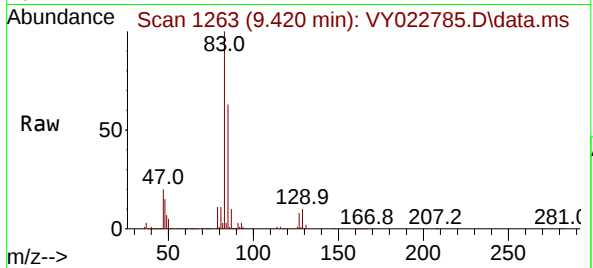




#47
Bromodichloromethane
Concen: 49.881 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

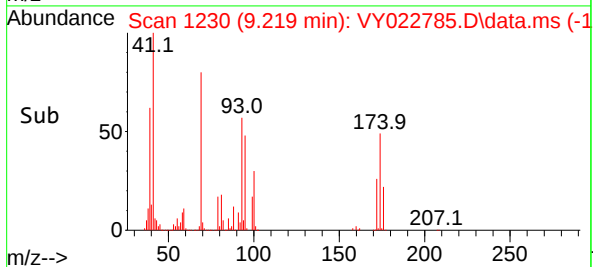
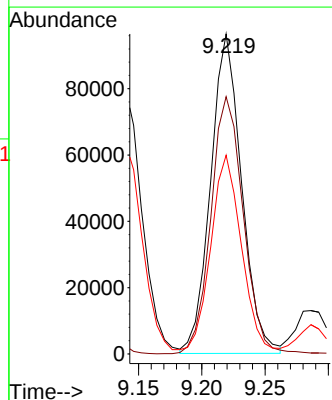
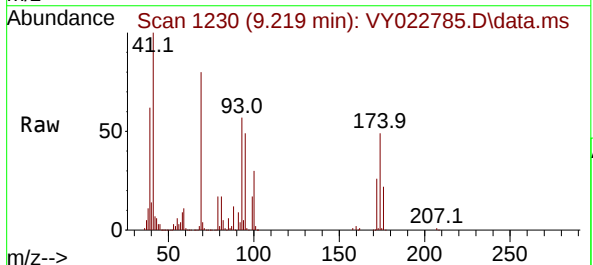
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

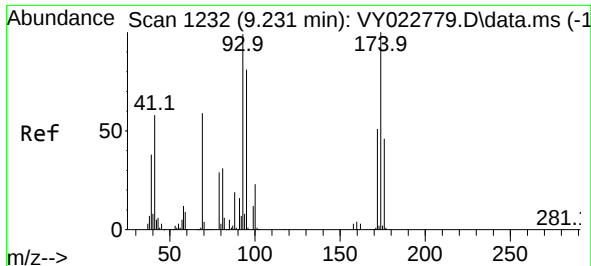
Tgt Ion: 83 Resp: 381786
Ion Ratio Lower Upper
83 100
85 62.6 49.1 73.7
127 8.0 6.2 9.4



#48
Methyl methacrylate
Concen: 52.423 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 41 Resp: 164236
Ion Ratio Lower Upper
41 100
69 84.5 67.8 101.8
39 59.5 55.0 82.4





#49

1,4-Dioxane

Concen: 957.200 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

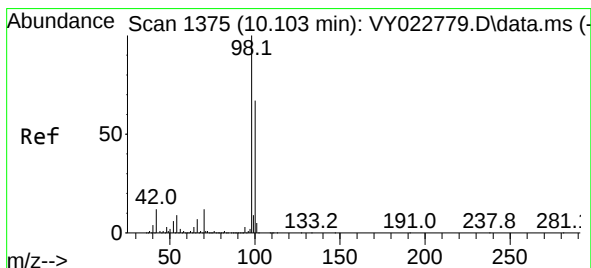
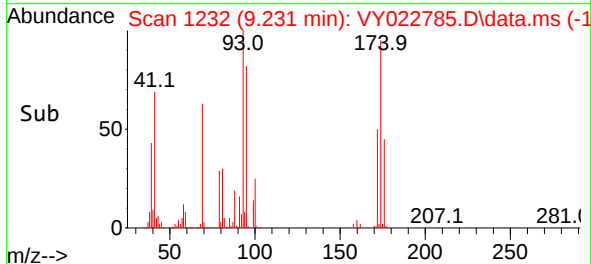
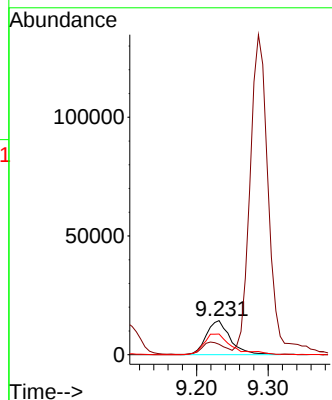
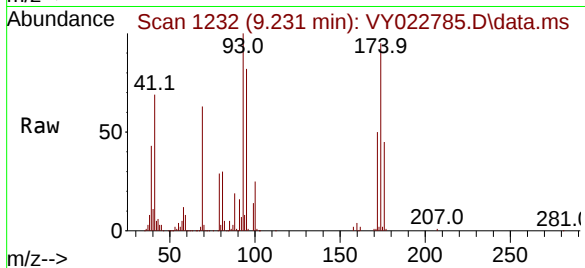
Tgt Ion: 88 Resp: 33567

Ion Ratio Lower Upper

88 100

43 33.6 25.4 38.2

58 69.8 54.9 82.3



#50

Toluene-d8

Concen: 50.800 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022785.D

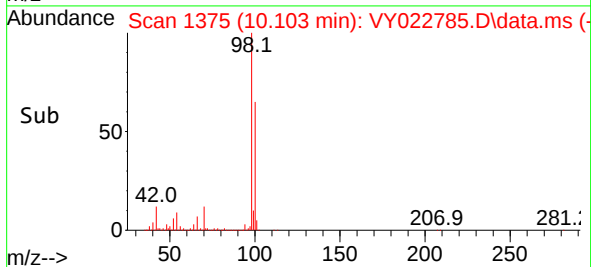
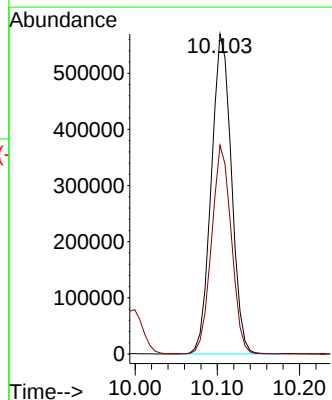
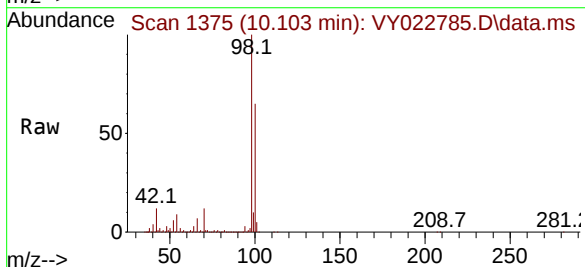
Acq: 24 Jun 2025 09:20

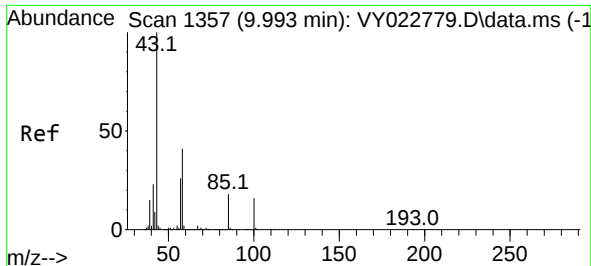
Tgt Ion: 98 Resp: 966354

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0

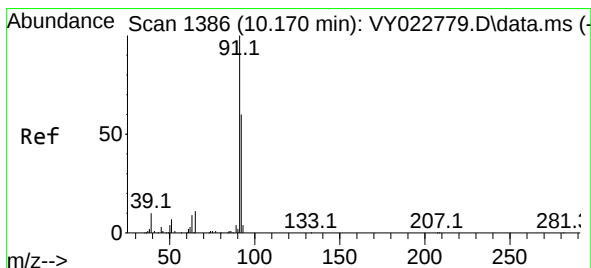
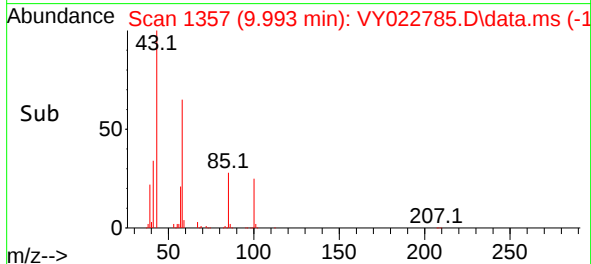
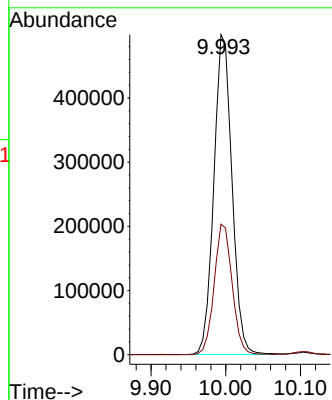
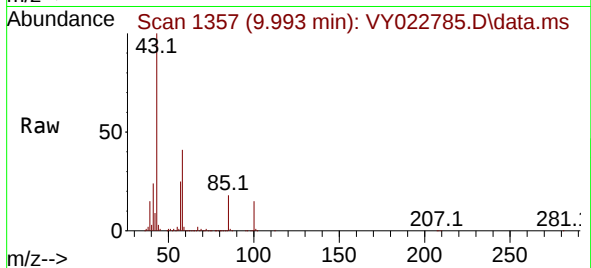




#51
4-Methyl-2-Pentanone
Concen: 255.091 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

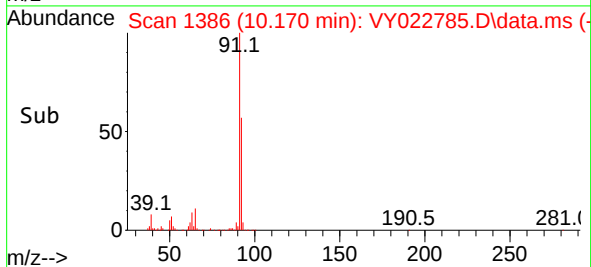
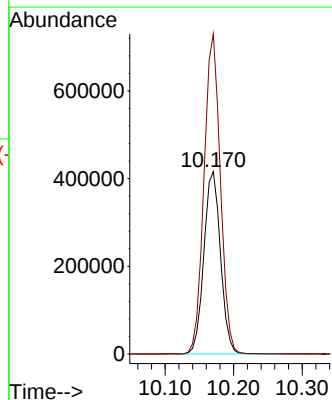
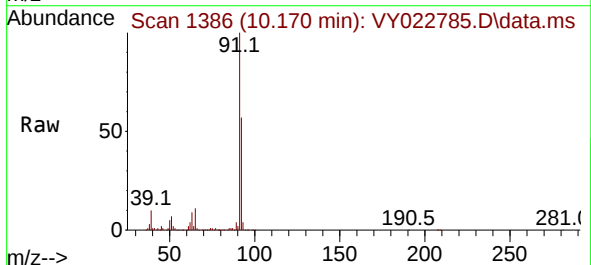
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

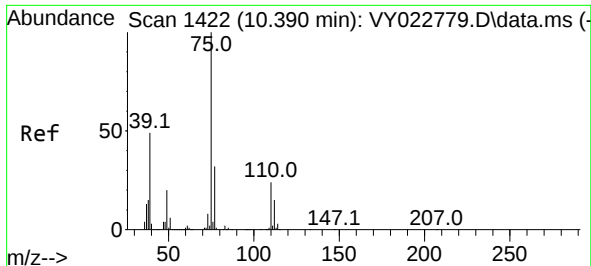
Tgt Ion: 43 Resp: 844784
Ion Ratio Lower Upper
43 100
58 40.4 30.4 45.6



#52
Toluene
Concen: 49.718 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 92 Resp: 700747
Ion Ratio Lower Upper
92 100
91 173.2 139.0 208.4

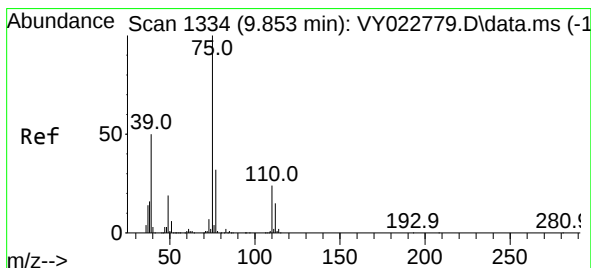
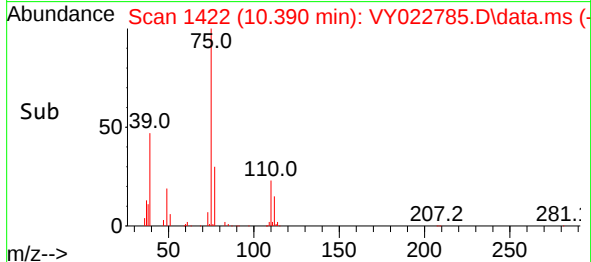
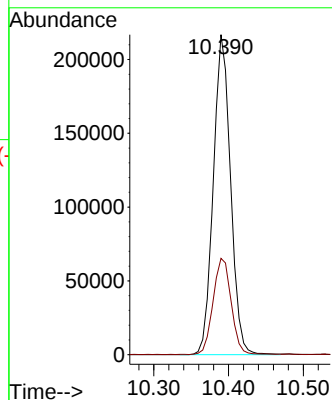
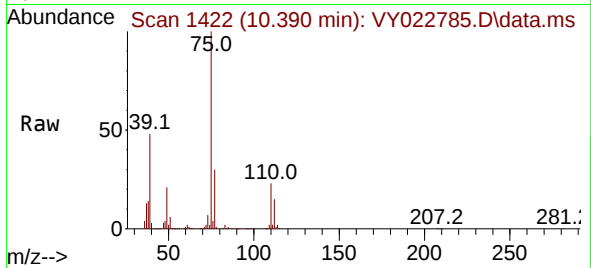




#53
 t-1,3-Dichloropropene
 Concen: 50.447 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY022785.D
 Acq: 24 Jun 2025 09:20

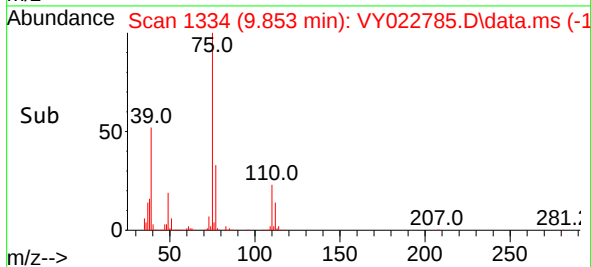
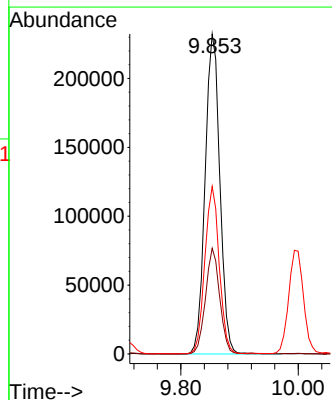
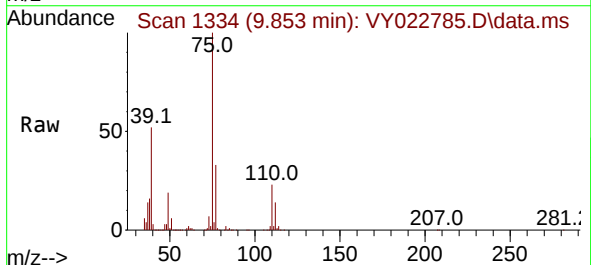
Instrument : MSVOA_Y
 ClientSampleId : VSTDCCC050

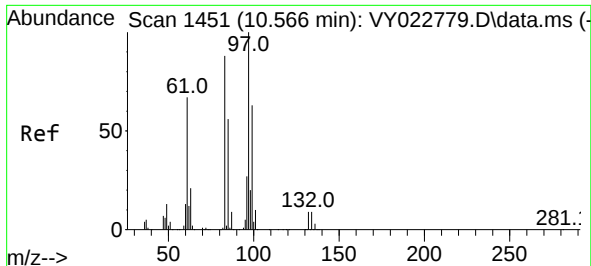
Tgt Ion: 75 Resp: 347407
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.555 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY022785.D
 Acq: 24 Jun 2025 09:20

Tgt Ion: 75 Resp: 403676
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.3 37.9
 39 52.3 42.7 64.1



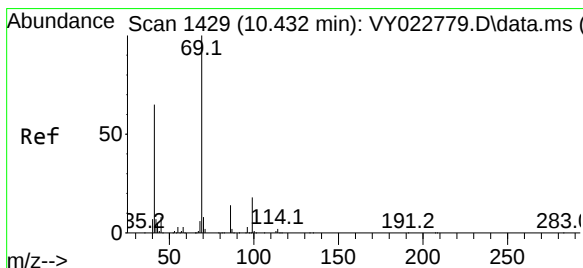
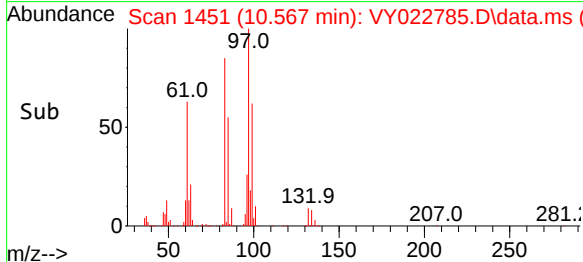
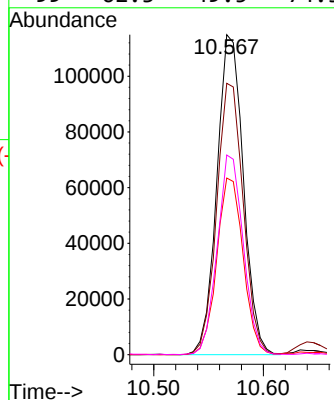
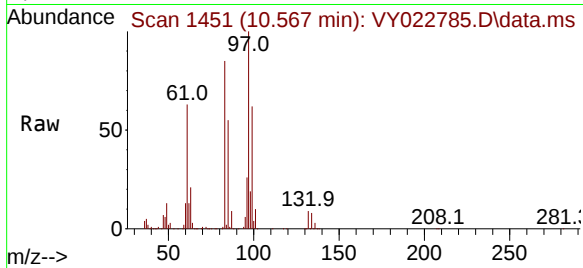


#55
1,1,2-Trichloroethane
Concen: 50.208 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 192974

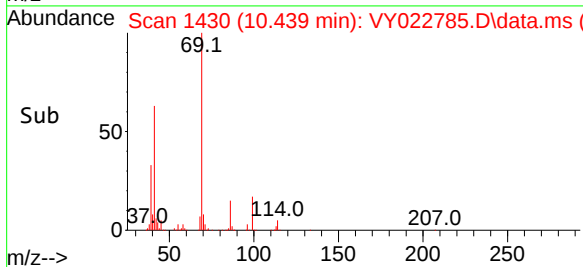
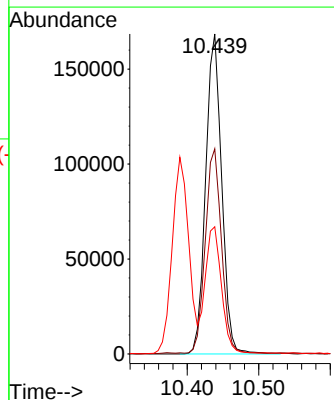
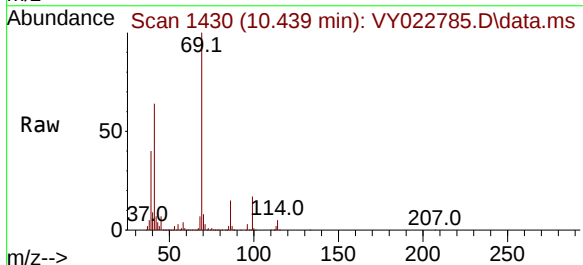
Ion	Ratio	Lower	Upper
97	100		
83	84.8	68.1	102.1
85	55.1	48.2	72.2
99	62.3	49.5	74.3

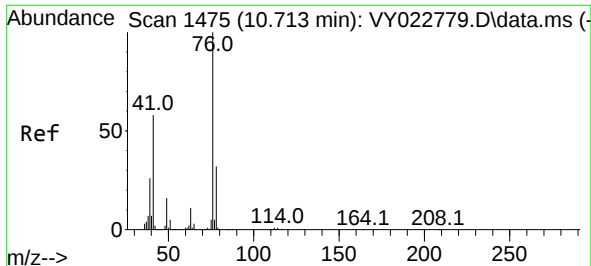


#56
Ethyl methacrylate
Concen: 50.683 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 69 Resp: 262082

Ion	Ratio	Lower	Upper
69	100		
41	64.5	52.2	78.2
39	40.1	36.7	55.1





#57

1,3-Dichloropropane

Concen: 49.515 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

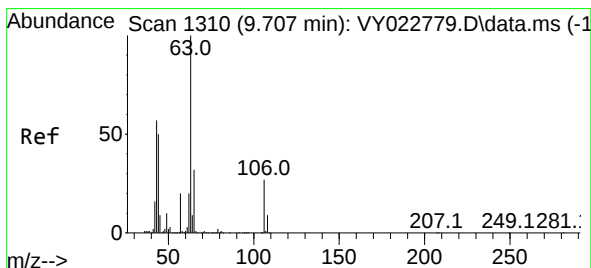
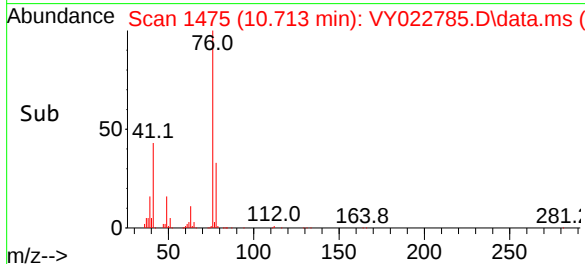
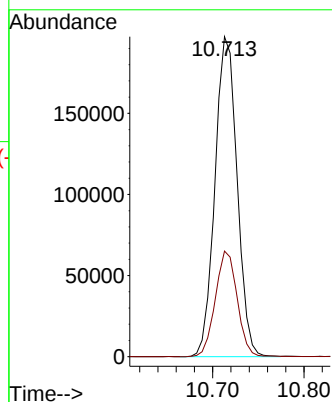
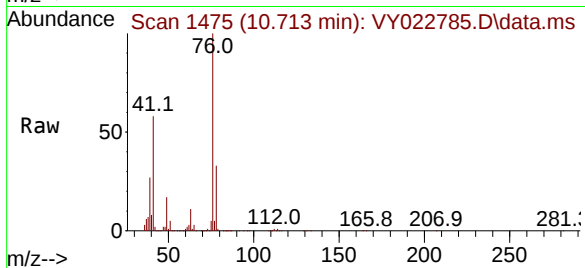
VSTDCCC050

Tgt Ion: 76 Resp: 332030

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 245.063 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022785.D

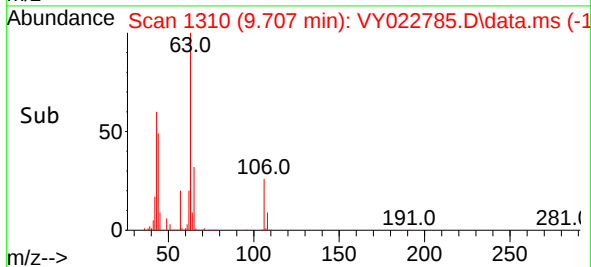
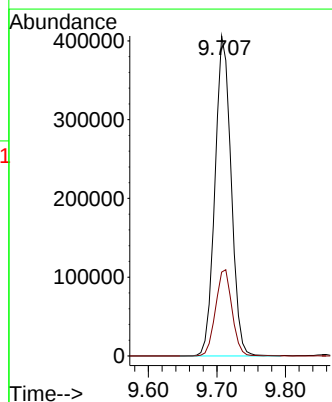
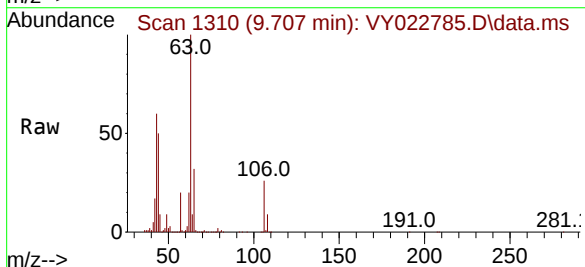
Acq: 24 Jun 2025 09:20

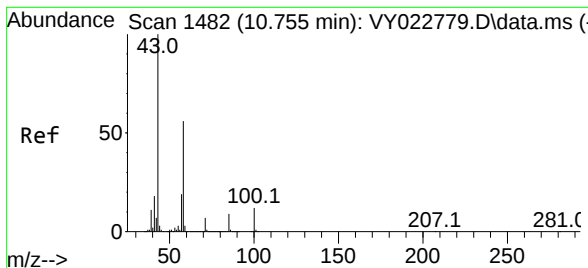
Tgt Ion: 63 Resp: 665133

Ion Ratio Lower Upper

63 100

106 27.4 21.6 32.4

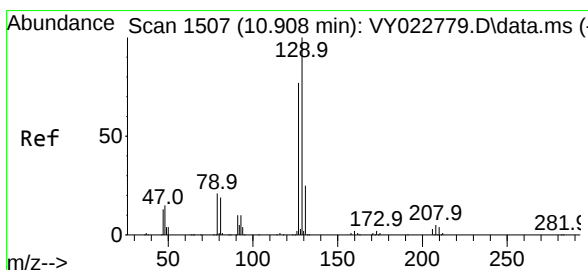
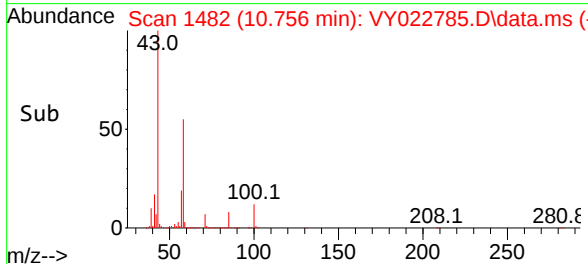
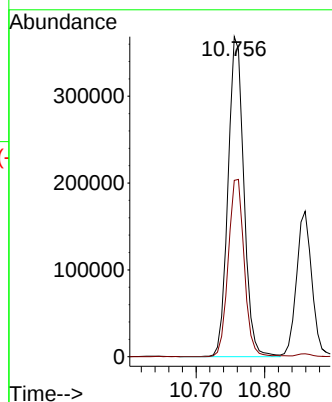
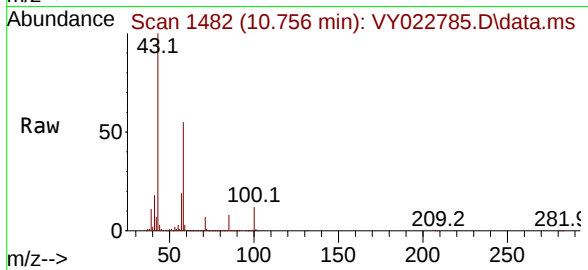




#59
2-Hexanone
Concen: 262.373 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

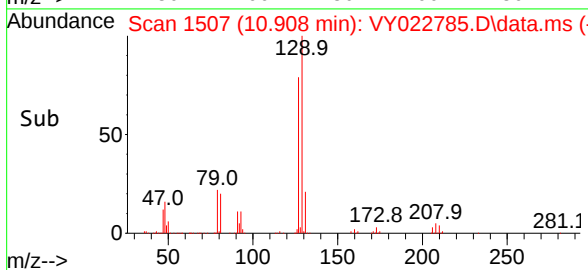
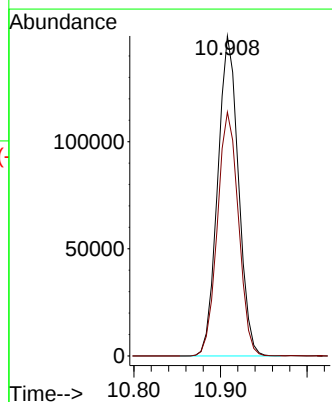
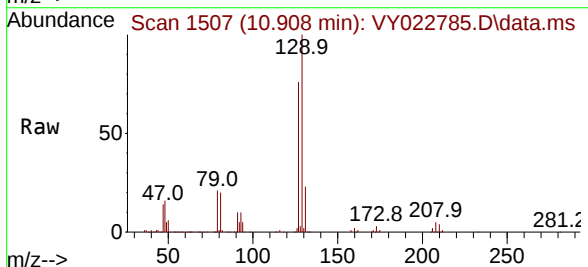
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

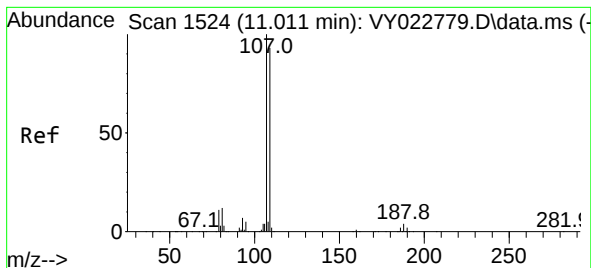
Tgt Ion: 43 Resp: 590744
Ion Ratio Lower Upper
43 100
58 56.0 27.3 81.8



#60
Dibromochloromethane
Concen: 50.019 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 129 Resp: 248320
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.2

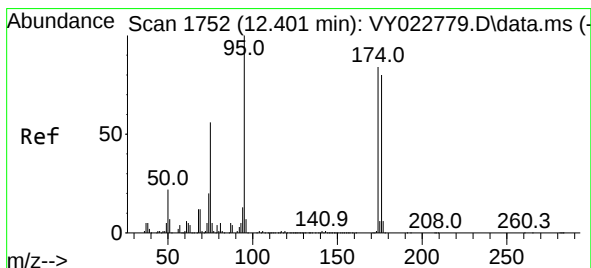
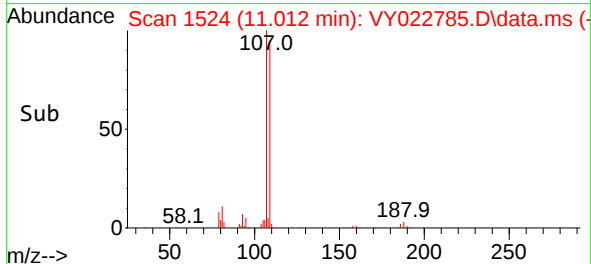
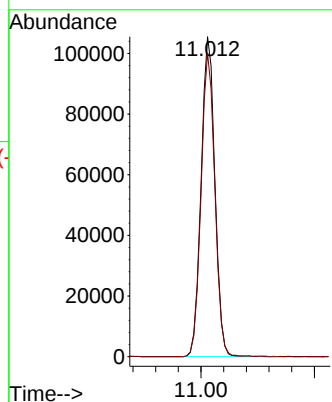
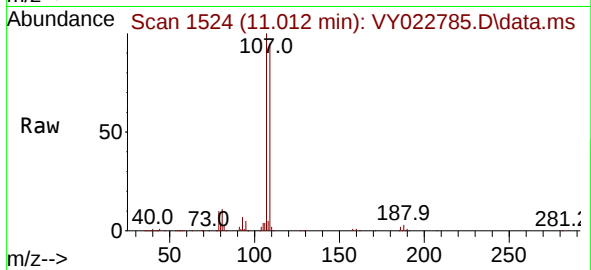




#61
1,2-Dibromoethane
Concen: 49.540 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

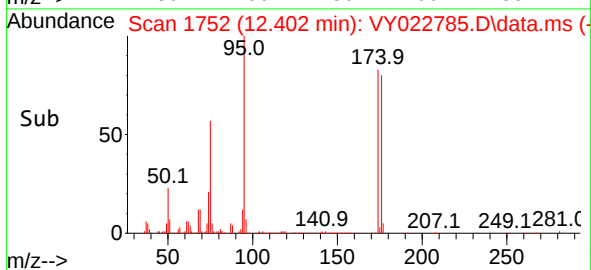
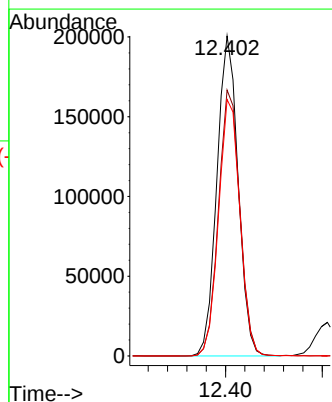
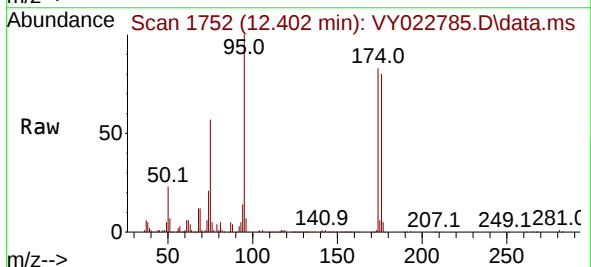
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

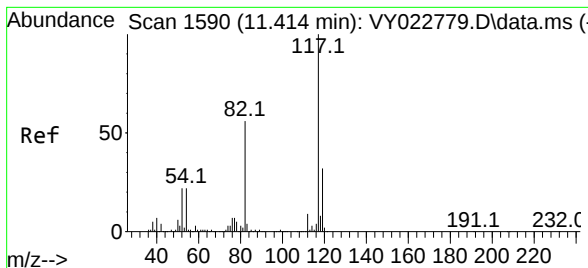
Tgt Ion:107 Resp: 178176
Ion Ratio Lower Upper
107 100
109 94.6 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 49.825 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 95 Resp: 304692
Ion Ratio Lower Upper
95 100
174 83.8 0.0 170.0
176 80.9 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

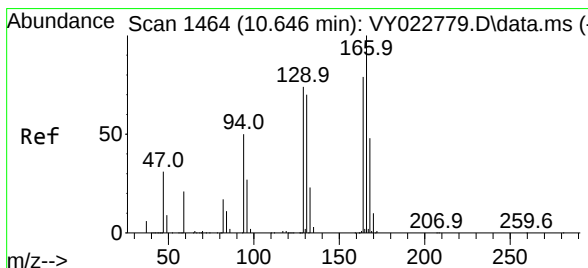
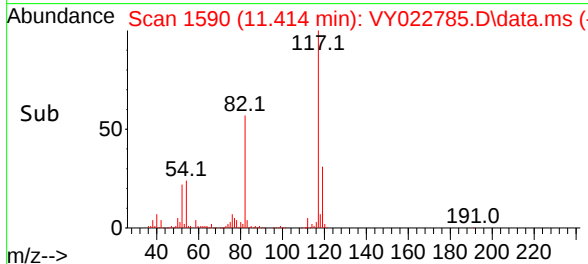
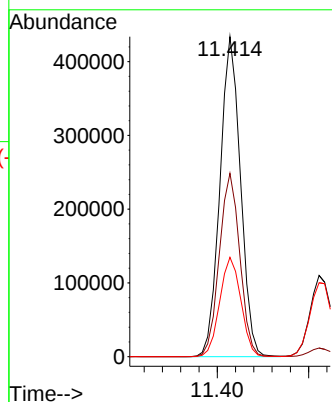
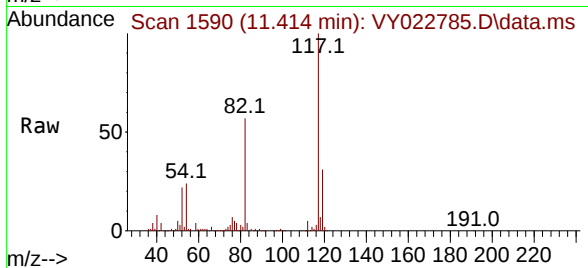
Tgt Ion:117 Resp: 678315

Ion Ratio Lower Upper

117 100

82 57.3 44.6 66.8

119 31.1 25.4 38.0



#64

Tetrachloroethene

Concen: 46.701 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Tgt Ion:164 Resp: 299261

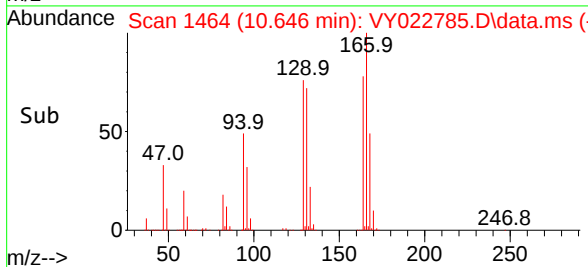
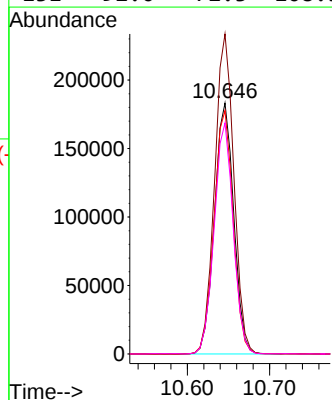
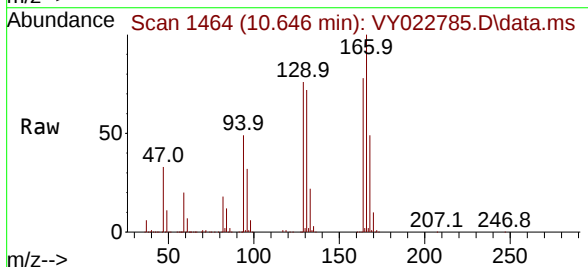
Ion Ratio Lower Upper

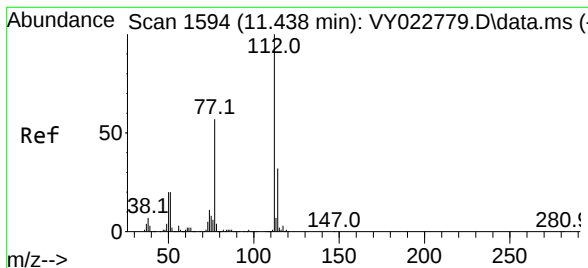
164 100

166 127.5 104.0 156.0

129 97.0 74.5 111.7

131 92.0 72.3 108.5

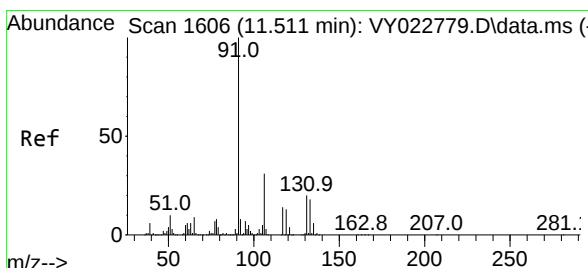
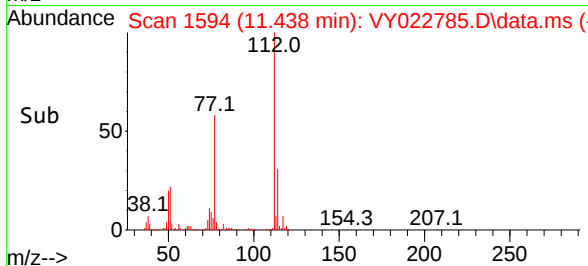
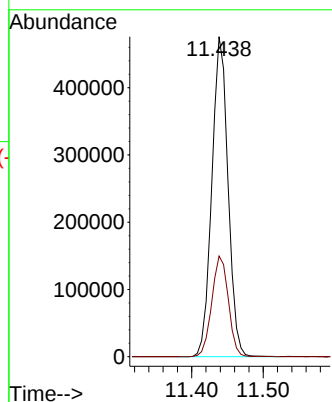
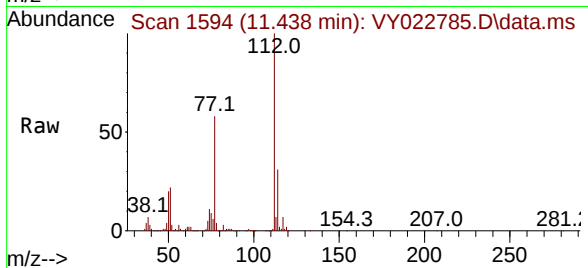




#65
Chlorobenzene
Concen: 50.101 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

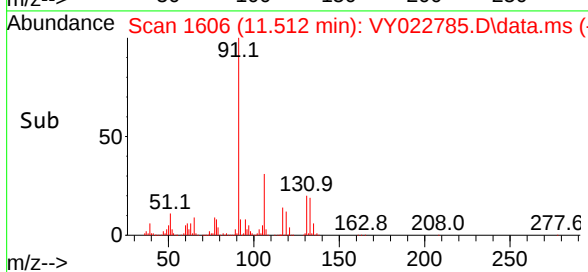
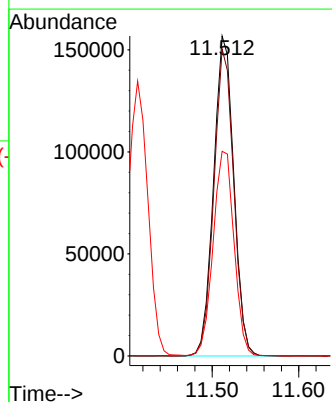
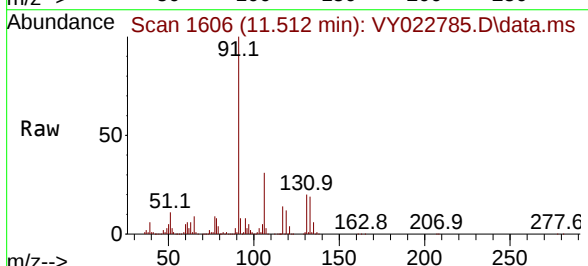
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

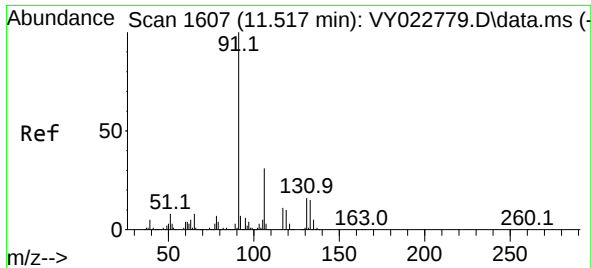
Tgt Ion:112 Resp: 746746
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.354 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion:131 Resp: 254204
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 66.4 33.1 99.3

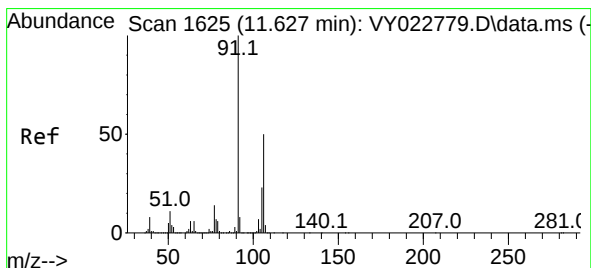
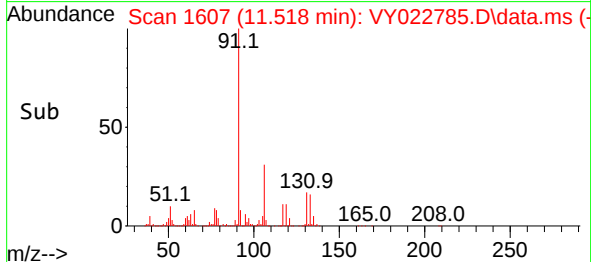
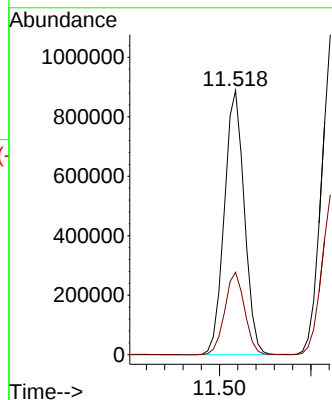
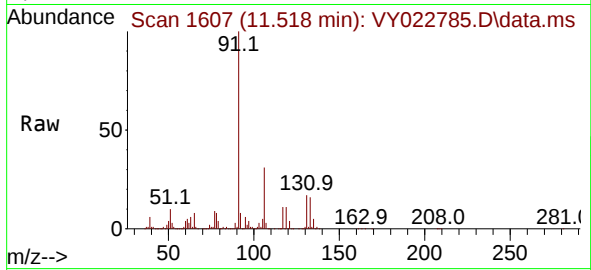




#67
Ethyl Benzene
Concen: 51.580 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

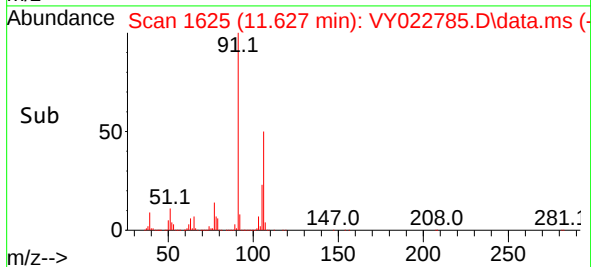
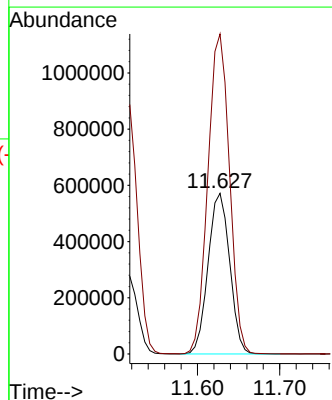
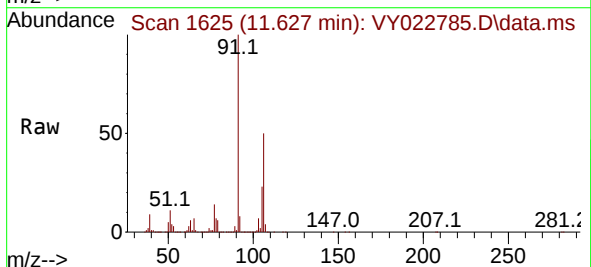
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

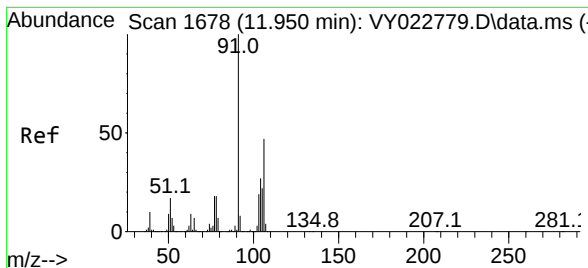
Tgt Ion: 91 Resp: 1350768
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.4



#68
m/p-Xylenes
Concen: 102.894 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion:106 Resp: 1041613
Ion Ratio Lower Upper
106 100
91 199.6 159.4 239.0

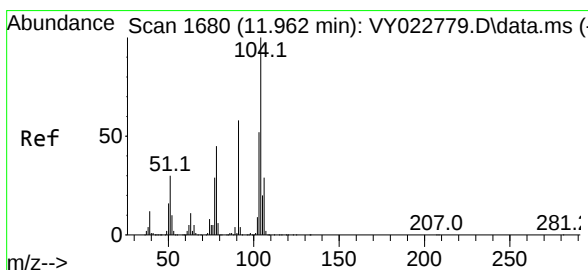
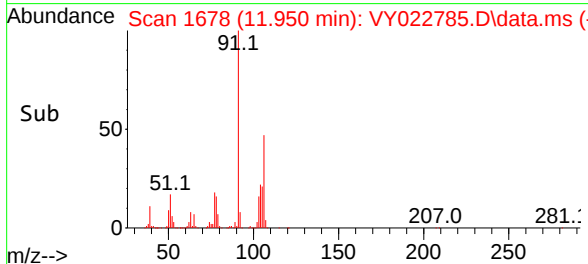
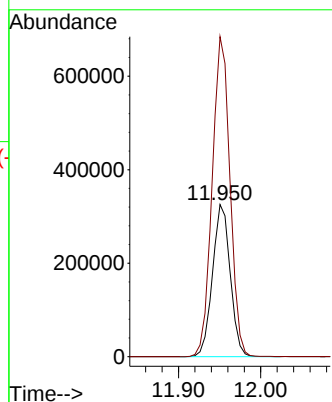
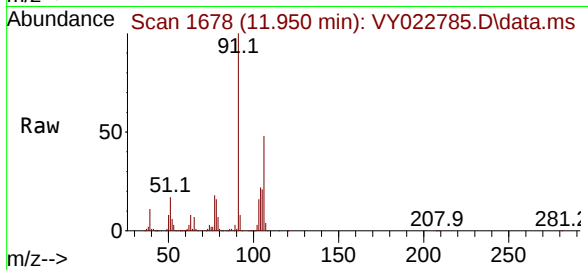




#69
o-Xylene
Concen: 51.140 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

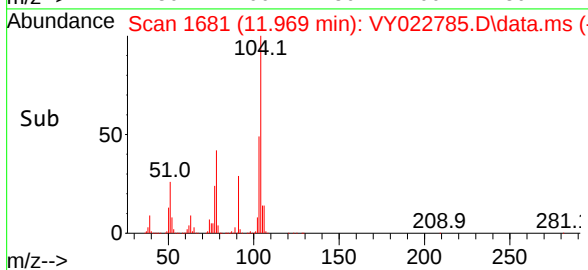
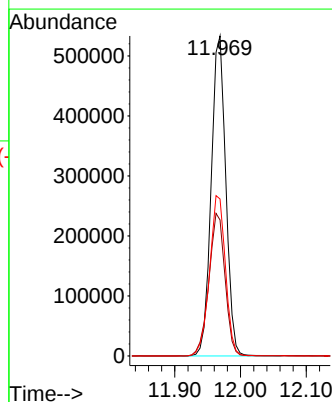
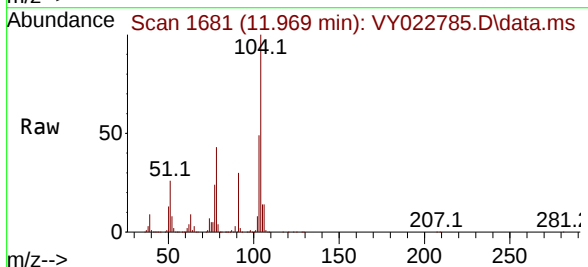
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

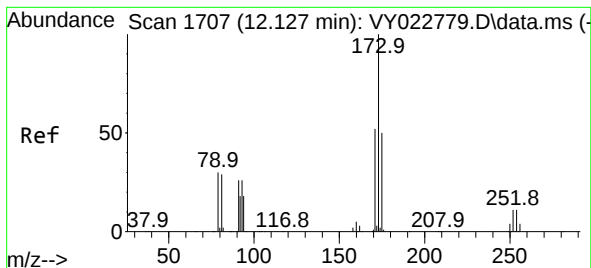
Tgt Ion:106 Resp: 487801
Ion Ratio Lower Upper
106 100
91 211.5 105.8 317.3



#70
Styrene
Concen: 51.534 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion:104 Resp: 823388
Ion Ratio Lower Upper
104 100
78 49.2 39.5 59.3
103 54.6 44.1 66.1





#71

Bromoform

Concen: 49.346 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

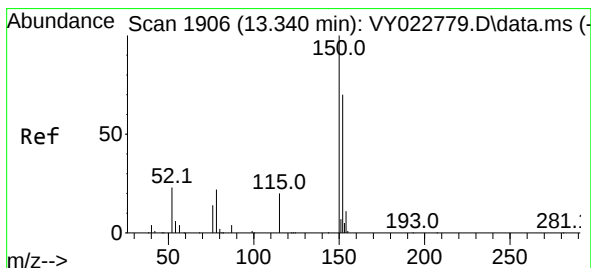
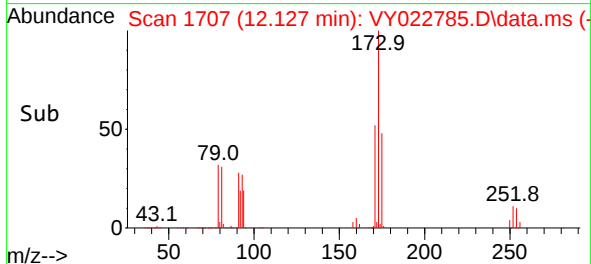
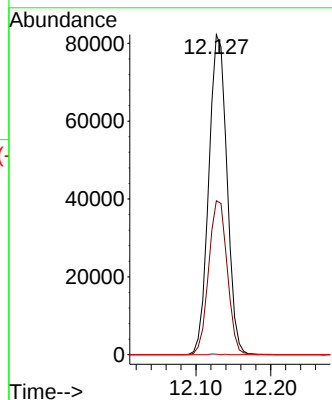
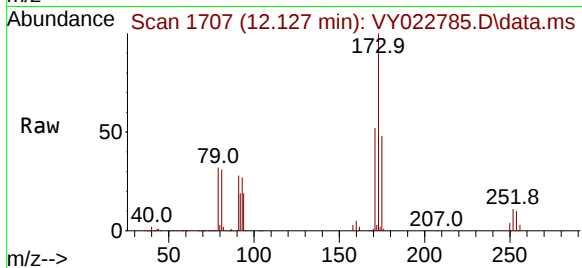
Tgt Ion:173 Resp: 138710

Ion Ratio Lower Upper

173 100

175 49.1 23.8 71.5

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

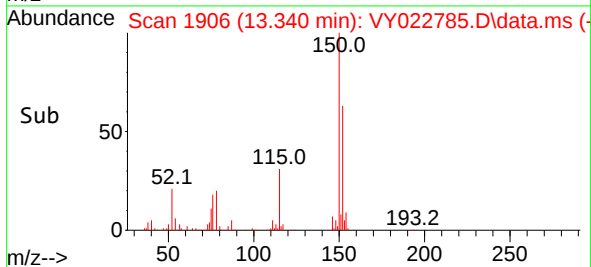
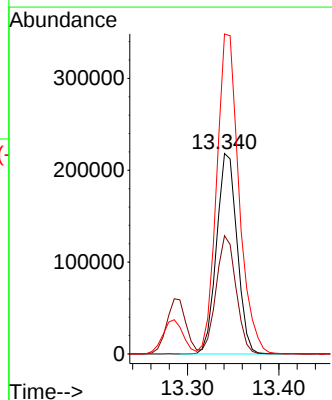
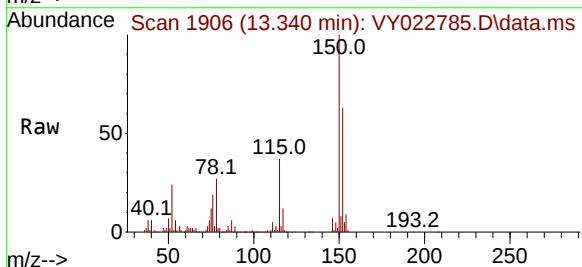
Tgt Ion:152 Resp: 340335

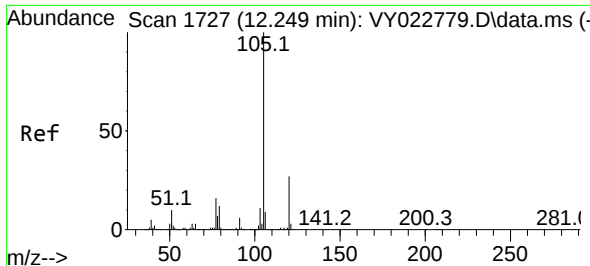
Ion Ratio Lower Upper

152 100

115 57.6 28.9 86.7

150 173.5 0.0 349.6

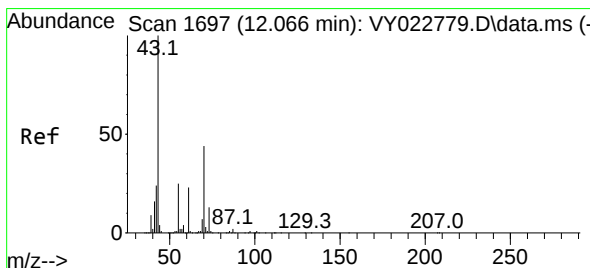
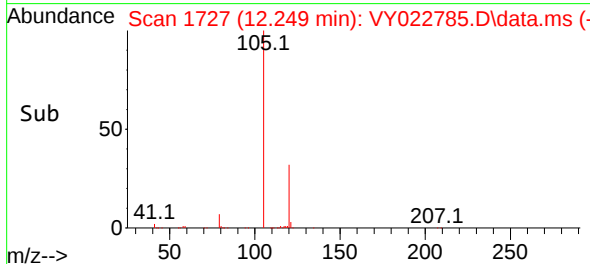
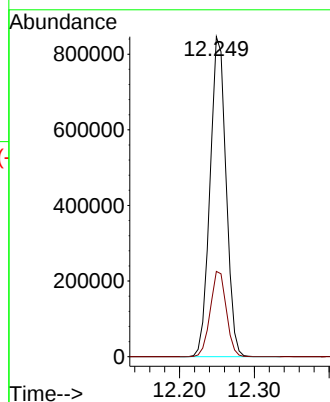
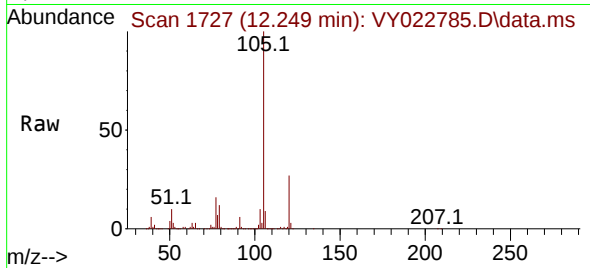




#73
Isopropylbenzene
Concen: 50.093 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

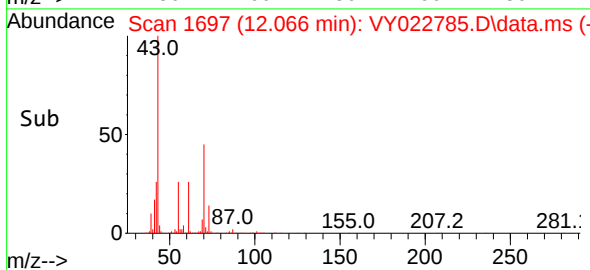
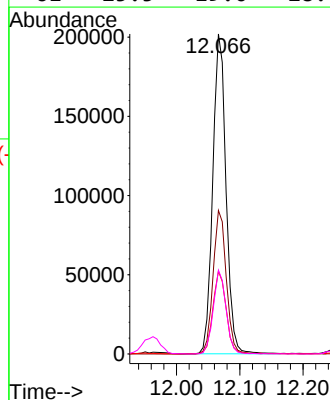
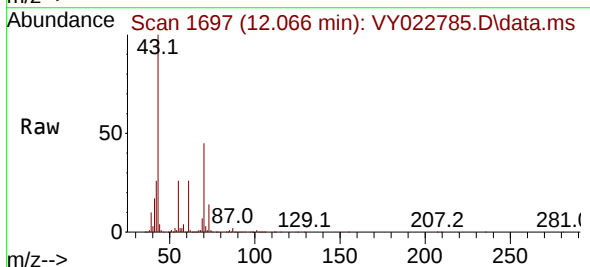
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

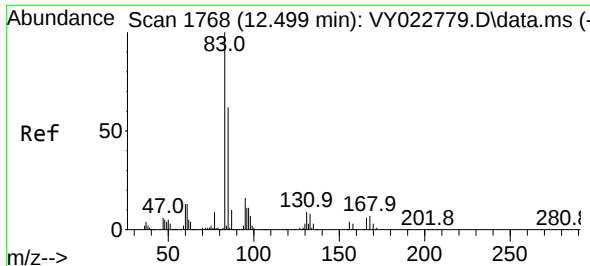
Tgt Ion:105 Resp: 1260842
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9



#74
N-ethyl acetate
Concen: 51.982 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 43 Resp: 293683
Ion Ratio Lower Upper
43 100
70 44.8 34.2 51.2
55 26.2 18.2 27.4
61 25.5 19.0 28.6

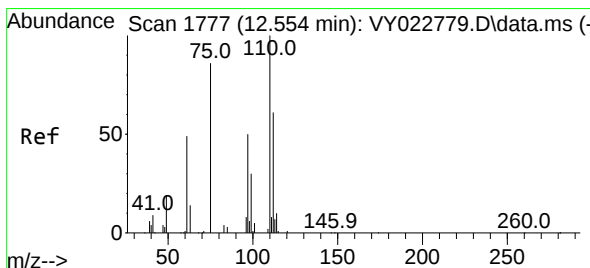
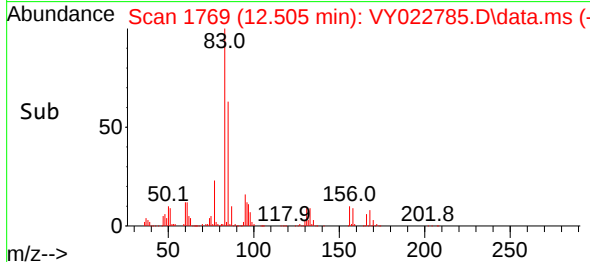
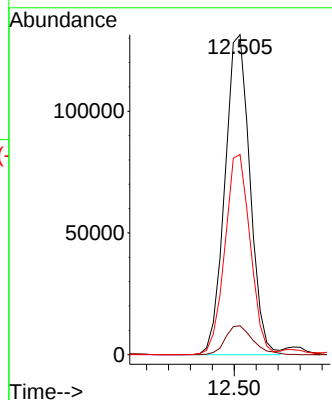
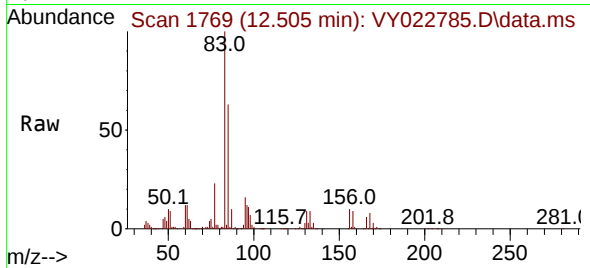




#75
1,1,2,2-Tetrachloroethane
Concen: 51.461 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

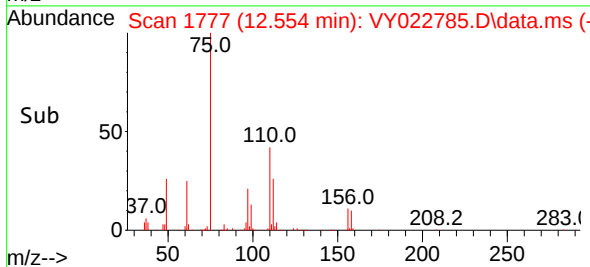
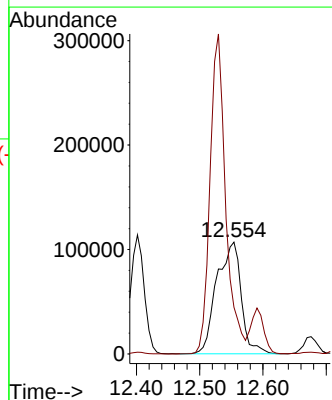
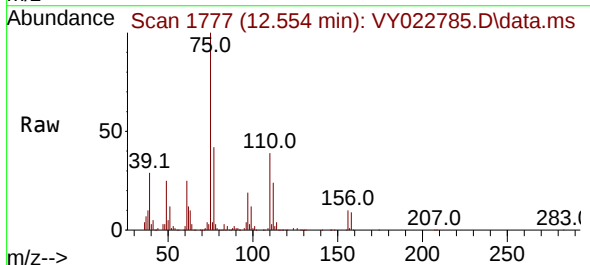
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

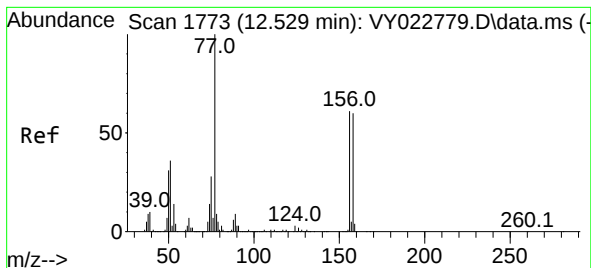
Tgt Ion: 83 Resp: 208754
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 63.5 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 82.760 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 75 Resp: 287553
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.825 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

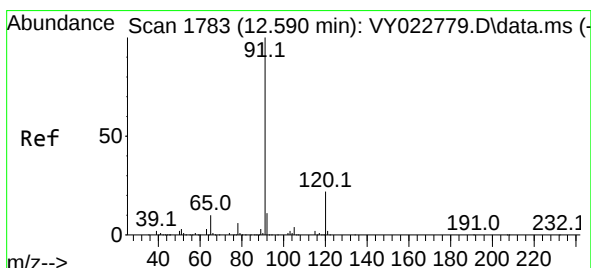
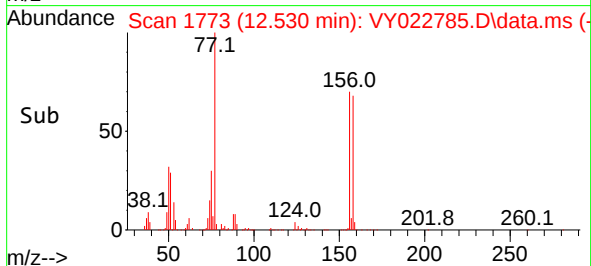
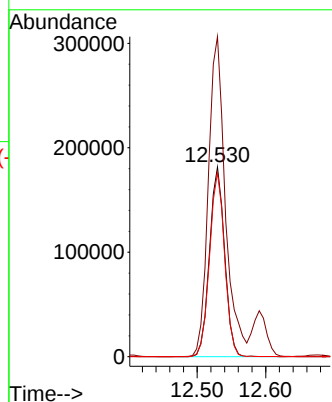
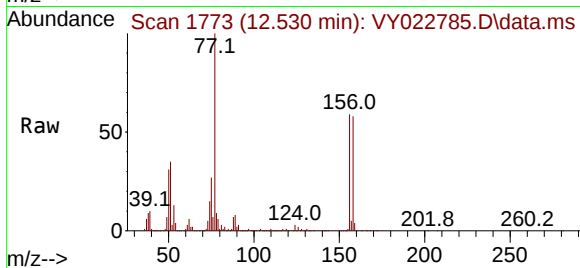
Tgt Ion:156 Resp: 278554

Ion Ratio Lower Upper

156 100

77 189.8 94.0 282.1

158 96.7 48.2 144.6



#78

n-propylbenzene

Concen: 51.062 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022785.D

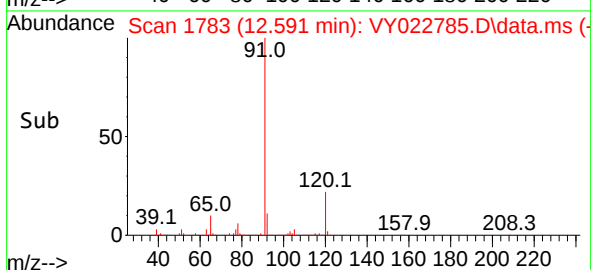
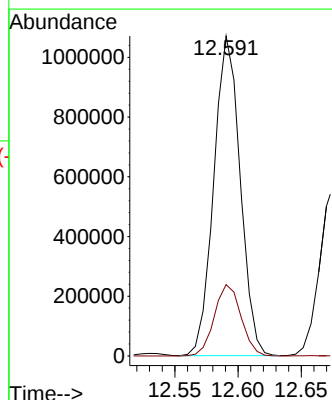
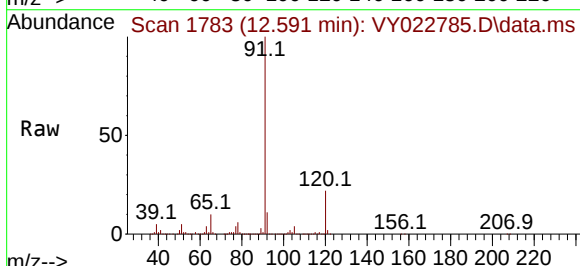
Acq: 24 Jun 2025 09:20

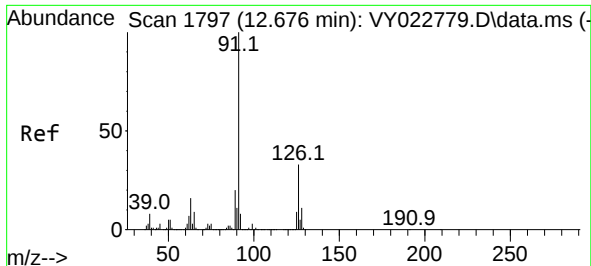
Tgt Ion: 91 Resp: 1551740

Ion Ratio Lower Upper

91 100

120 22.6 10.8 32.4

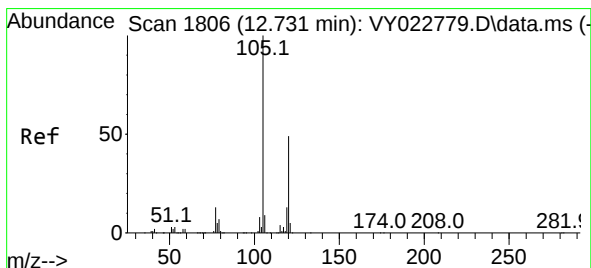
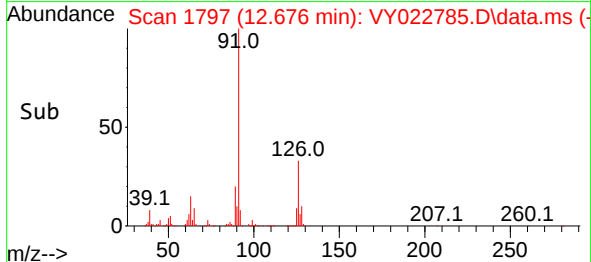
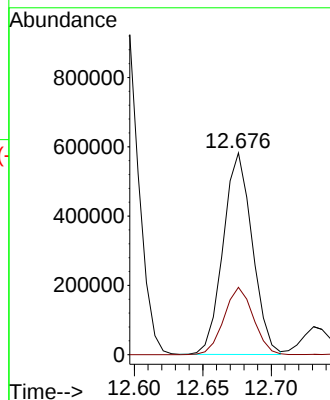
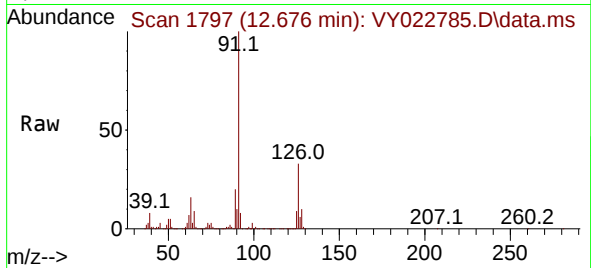




#79
2-Chlorotoluene
Concen: 50.189 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

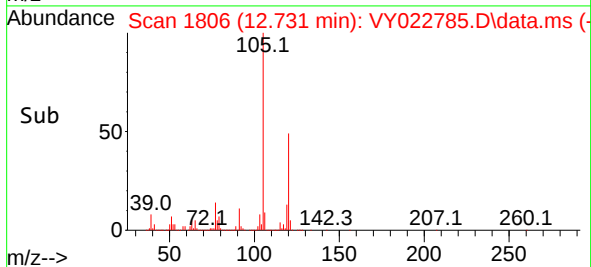
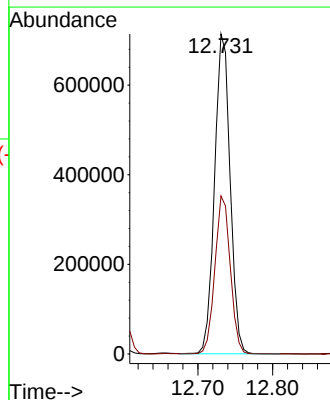
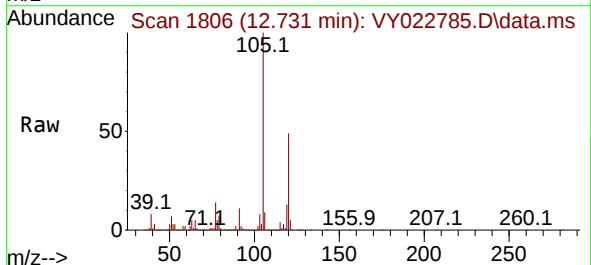
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

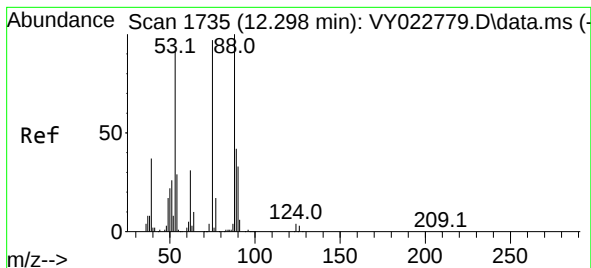
Tgt Ion: 91 Resp: 861726
Ion Ratio Lower Upper
91 100
126 33.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 50.921 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 105 Resp: 1034655
Ion Ratio Lower Upper
105 100
120 48.9 24.1 72.4

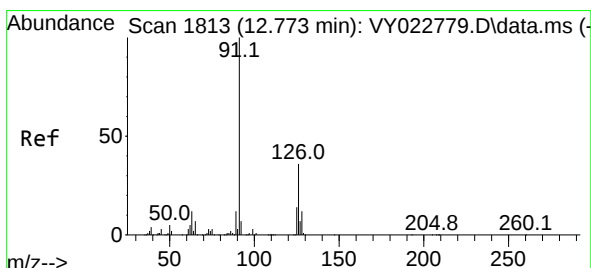
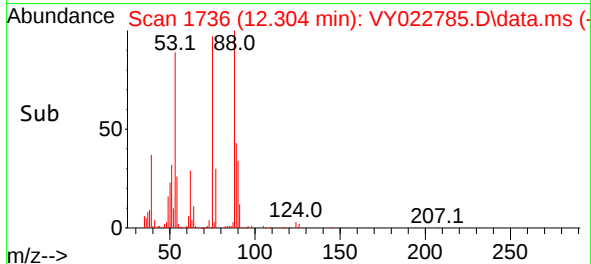
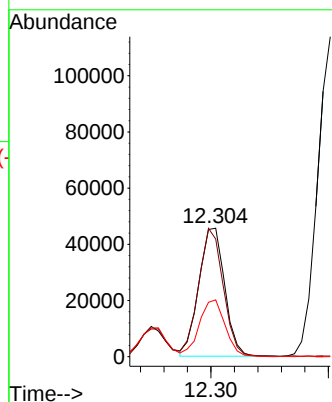
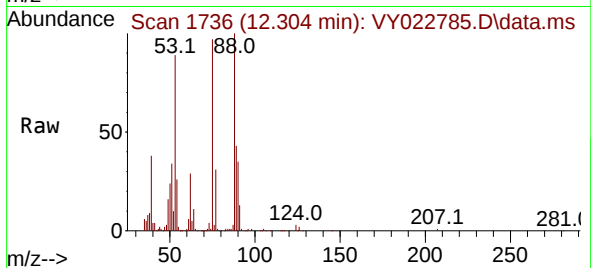




#81
trans-1,4-Dichloro-2-butene
Concen: 50.732 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

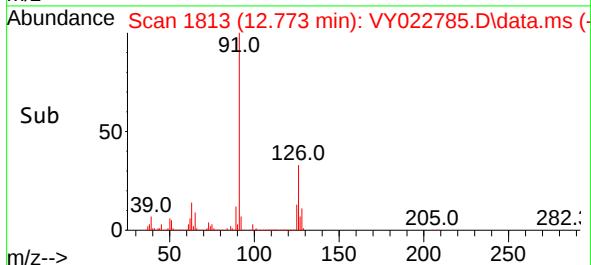
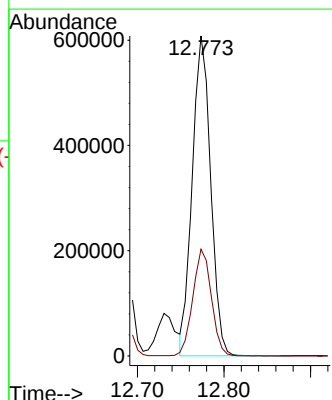
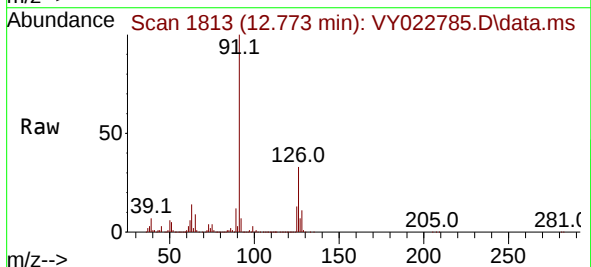
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

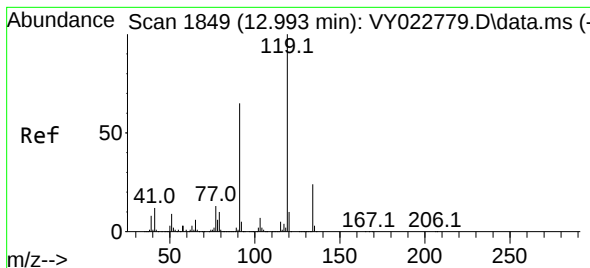
Tgt Ion: 75 Resp: 69771
Ion Ratio Lower Upper
75 100
53 95.8 78.5 117.7
89 44.5 35.7 53.5



#82
4-Chlorotoluene
Concen: 49.700 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022785.D
Acq: 24 Jun 2025 09:20

Tgt Ion: 91 Resp: 896321
Ion Ratio Lower Upper
91 100
126 33.8 17.0 50.9





#83

tert-Butylbenzene

Concen: 50.501 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

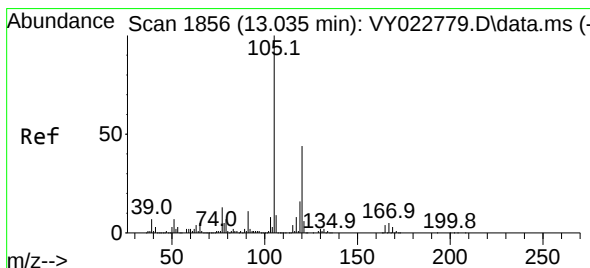
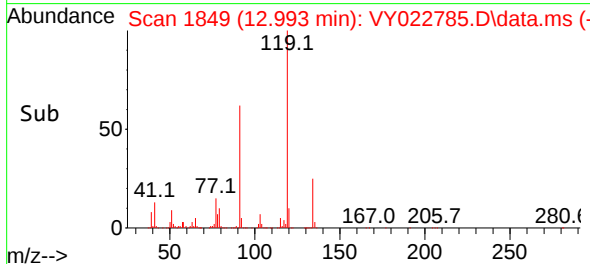
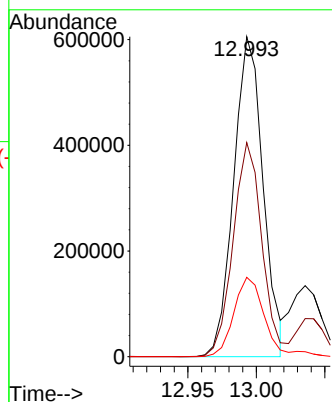
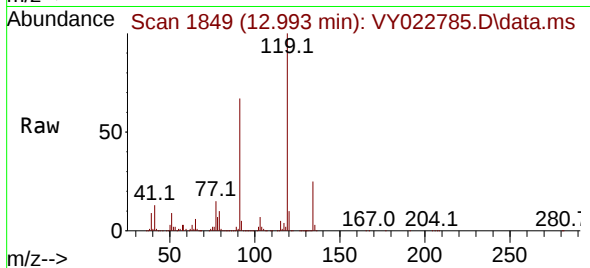
Tgt Ion:119 Resp: 904947

Ion Ratio Lower Upper

119 100

91 66.0 32.1 96.3

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.154 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022785.D

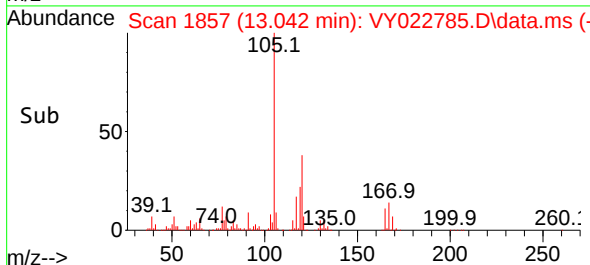
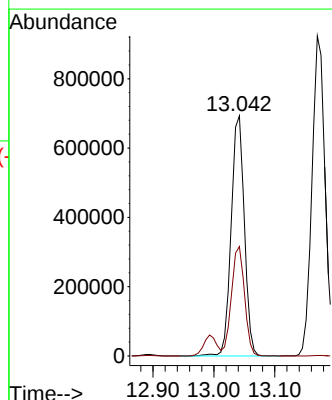
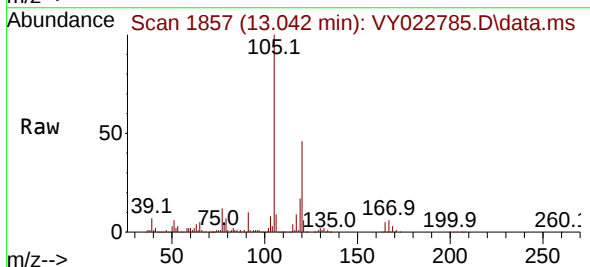
Acq: 24 Jun 2025 09:20

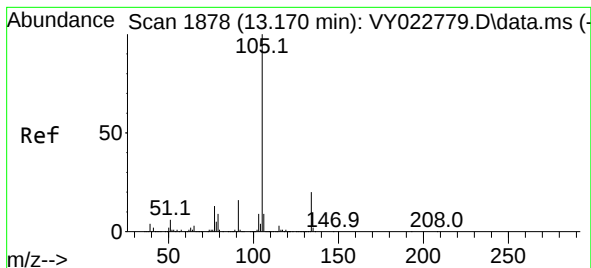
Tgt Ion:105 Resp: 1040633

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 50.919 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

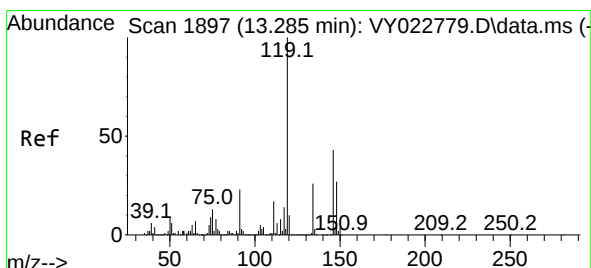
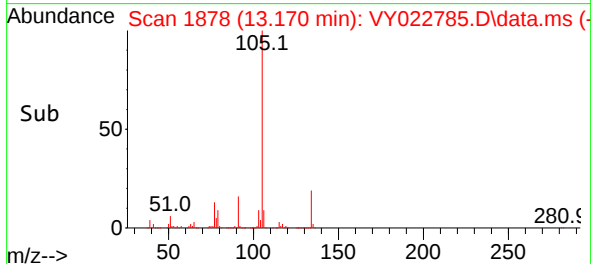
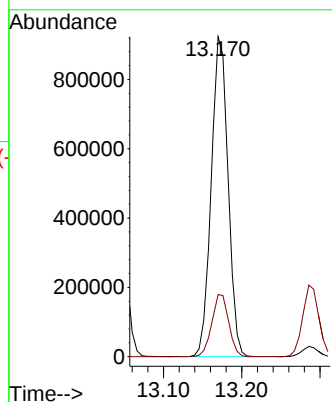
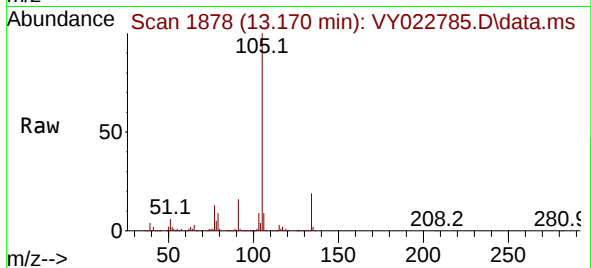
VSTDCCC050

Tgt Ion:105 Resp: 1372848

Ion Ratio Lower Upper

105 100

134 19.6 9.7 28.9



#86

p-Isopropyltoluene

Concen: 51.387 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

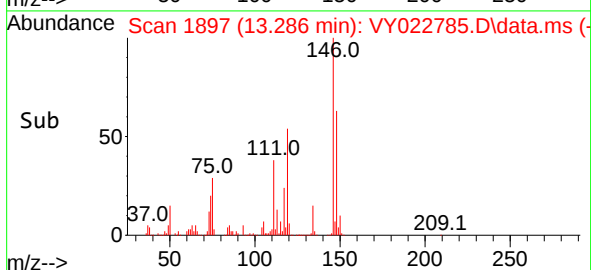
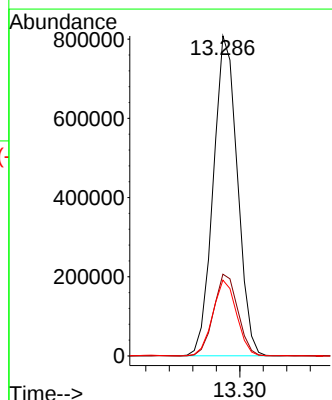
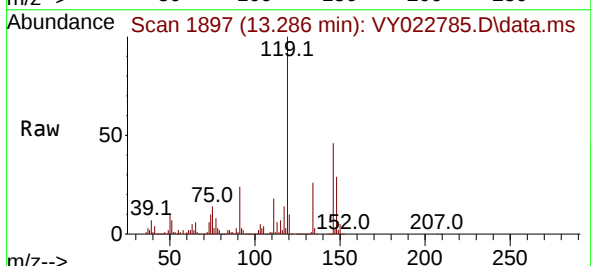
Tgt Ion:119 Resp: 1152956

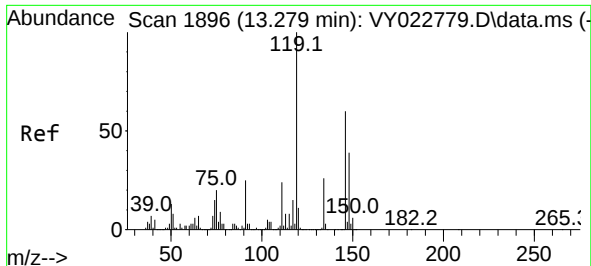
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.1

91 23.3 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 50.062 ug/l

RT: 13.286 min Scan# 1896

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

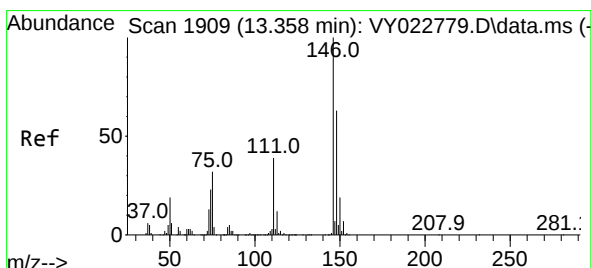
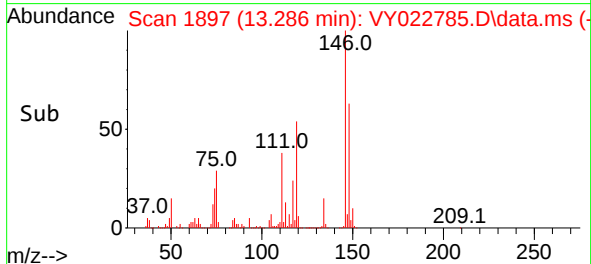
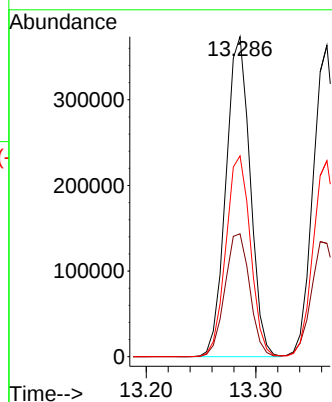
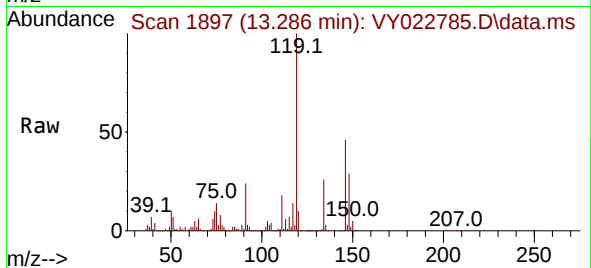
Tgt Ion:146 Resp: 573618

Ion Ratio Lower Upper

146 100

111 39.5 20.1 60.2

148 63.7 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 49.228 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

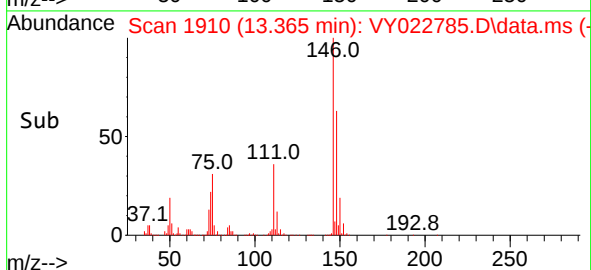
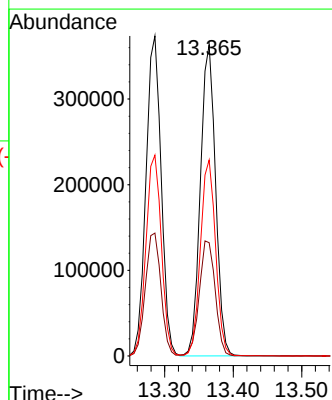
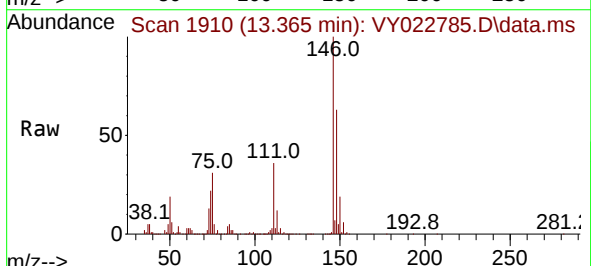
Tgt Ion:146 Resp: 560298

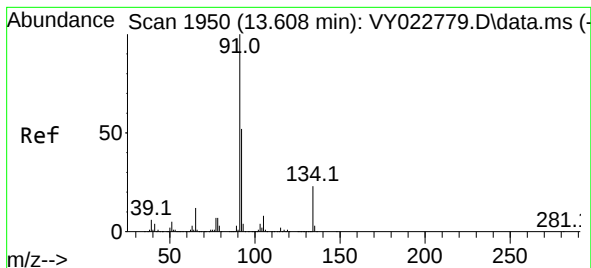
Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

148 62.8 31.6 94.8





#89

n-Butylbenzene

Concen: 51.255 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

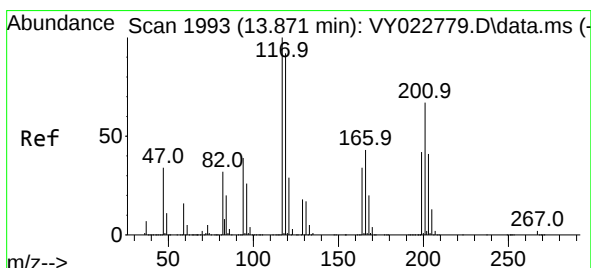
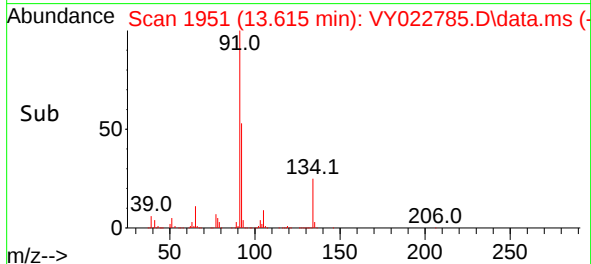
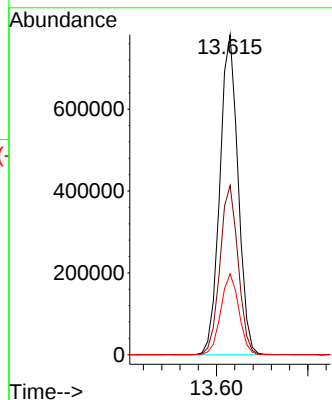
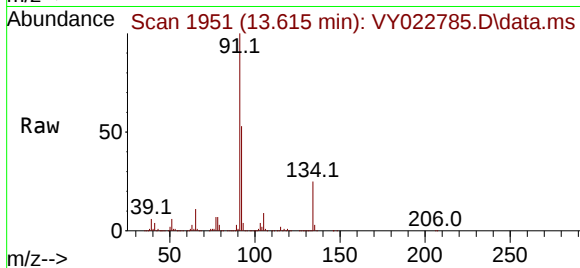
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1081730

Ion	Ratio	Lower	Upper
91	100		
92	52.8	25.9	77.8
134	25.1	12.0	36.1



#90

Hexachloroethane

Concen: 50.160 ug/l

RT: 13.877 min Scan# 1994

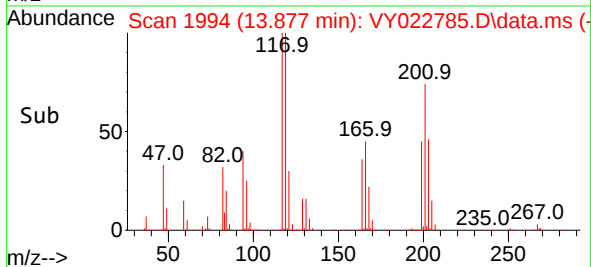
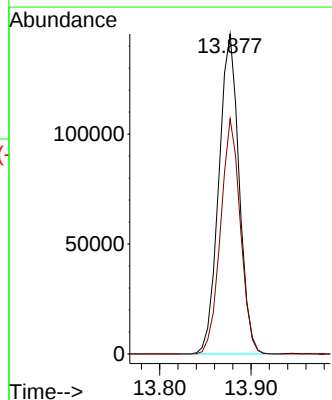
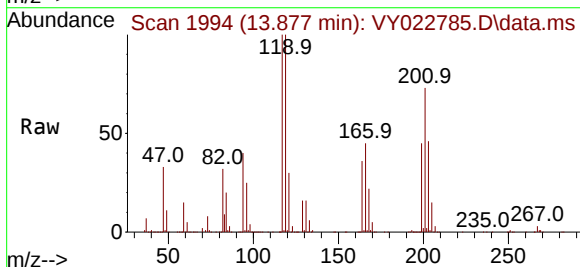
Delta R.T. -0.006 min

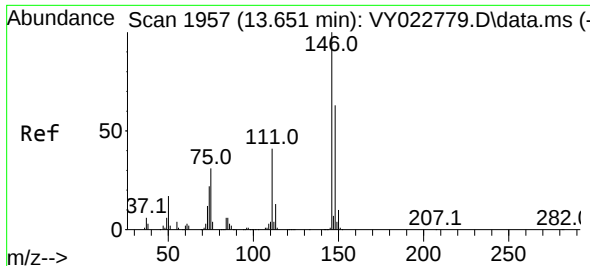
Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Tgt Ion: 117 Resp: 224152

Ion	Ratio	Lower	Upper
117	100		
201	71.8	34.0	102.0

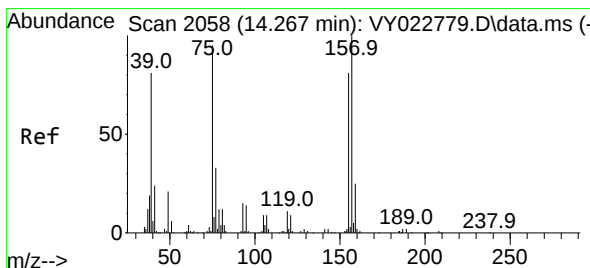
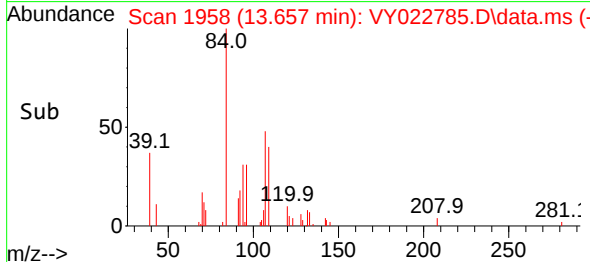
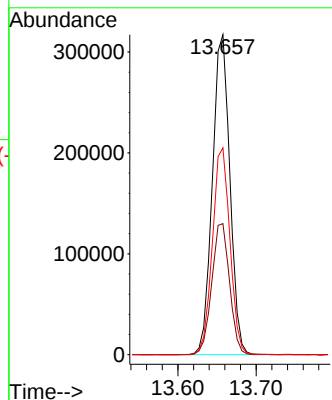
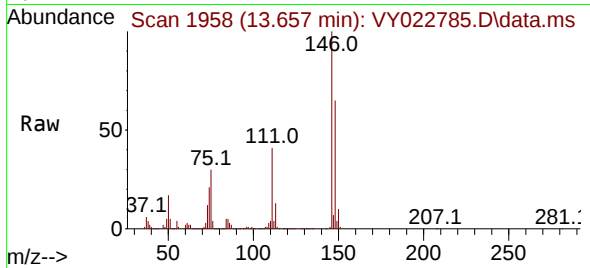




#91
 1,2-Dichlorobenzene
 Concen: 48.742 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022785.D
 Acq: 24 Jun 2025 09:20

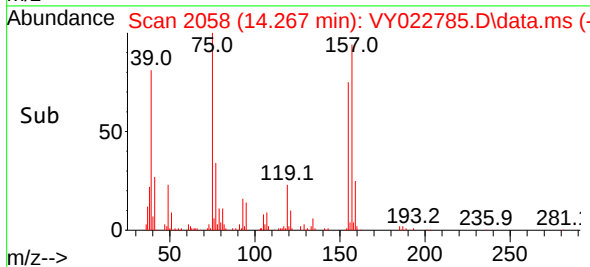
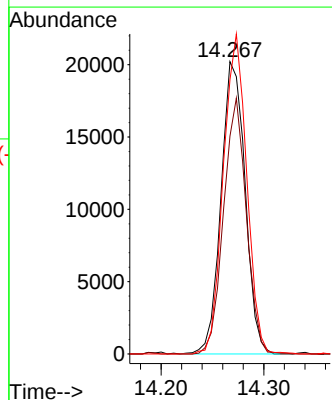
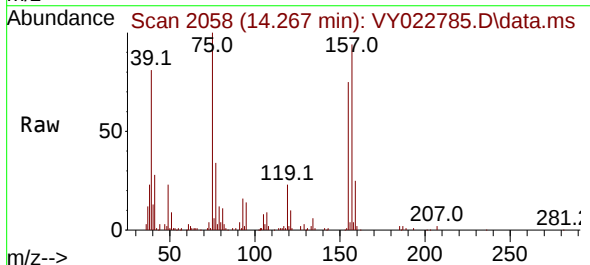
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

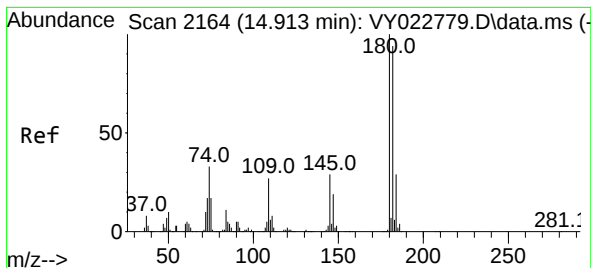
Tgt Ion:146 Resp: 492169
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.2 60.6
 148 64.8 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.813 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY022785.D
 Acq: 24 Jun 2025 09:20

Tgt Ion: 75 Resp: 32892
 Ion Ratio Lower Upper
 75 100
 155 82.7 39.9 119.6
 157 105.9 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 48.191 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

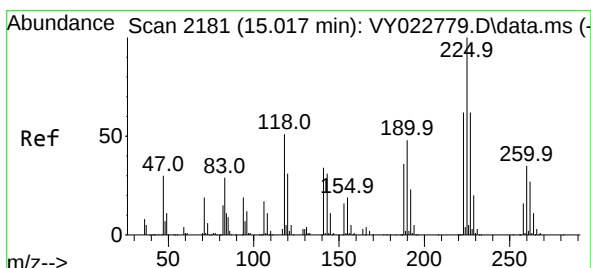
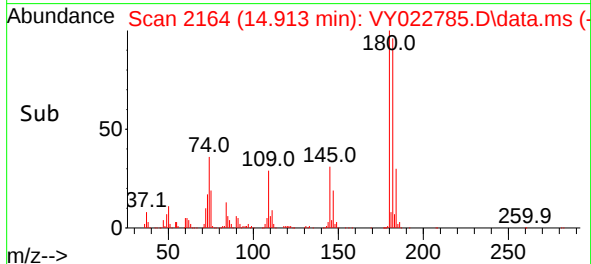
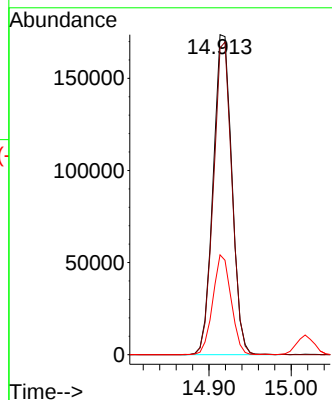
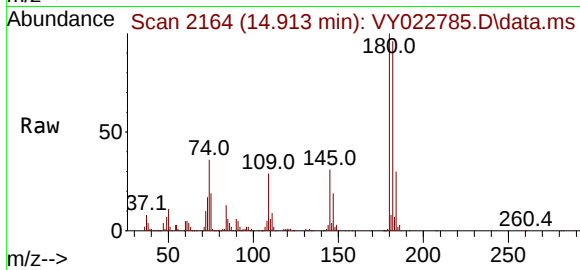
Tgt Ion:180 Resp: 274743

Ion Ratio Lower Upper

180 100

182 96.2 48.4 145.3

145 30.5 15.5 46.5



#94

Hexachlorobutadiene

Concen: 48.524 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

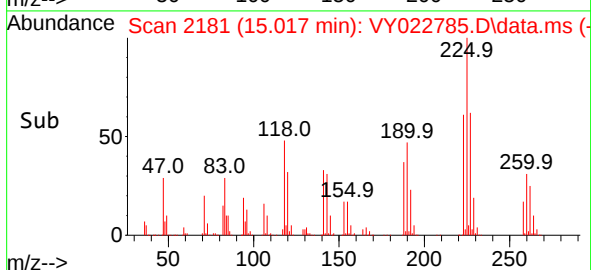
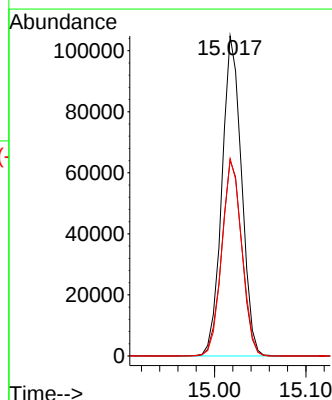
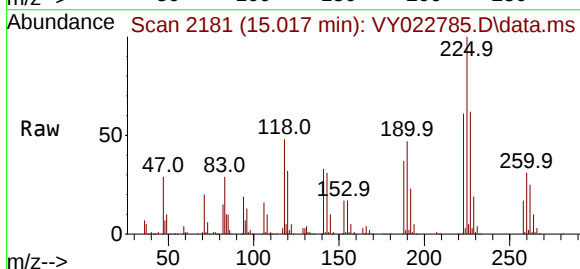
Tgt Ion:225 Resp: 156435

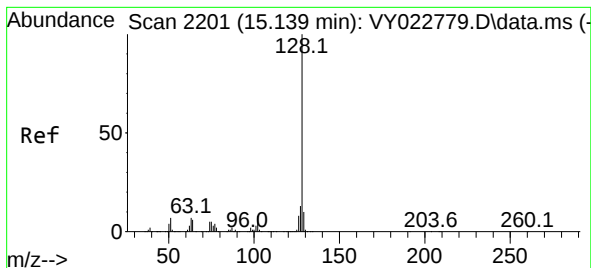
Ion Ratio Lower Upper

225 100

223 62.6 32.5 97.4

227 62.4 32.3 96.9





#95

Naphthalene

Concen: 48.608 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

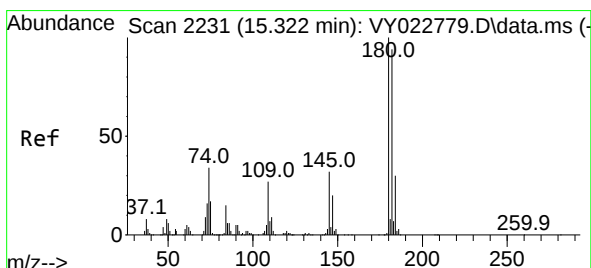
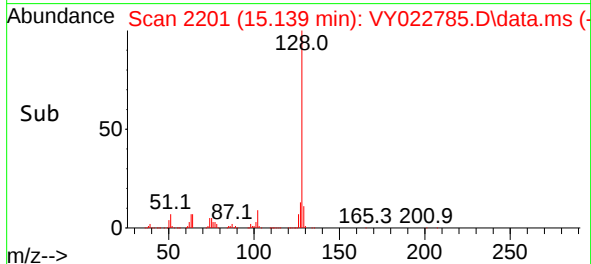
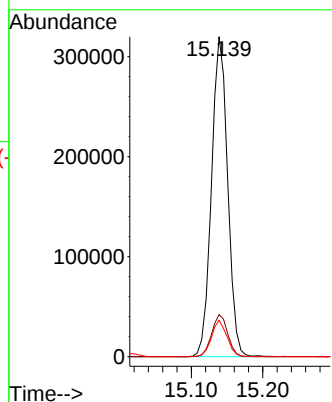
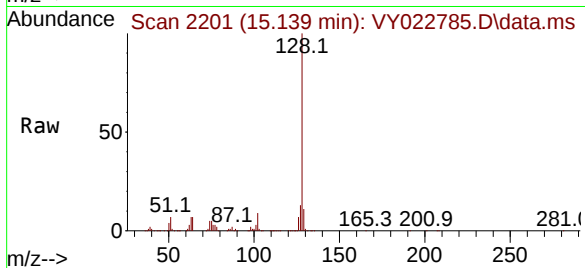
Tgt Ion:128 Resp: 501125

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 47.786 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022785.D

Acq: 24 Jun 2025 09:20

Tgt Ion:180 Resp: 235416

Ion Ratio Lower Upper

180 100

182 95.9 47.1 141.3

145 31.7 15.2 45.6

