

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
 Data File : VY022587.D
 Acq On : 06 Jun 2025 09:33
 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 06 23:38:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	182839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	299746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	260160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	100865	49.324	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.640%
35) Dibromofluoromethane	7.628	113	92683	51.804	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.600%
50) Toluene-d8	10.103	98	375837	51.989	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.980%
62) 4-Bromofluorobenzene	12.401	95	109712	50.936	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	71809	43.867	ug/l	100
3) Chloromethane	2.068	50	208468	43.108	ug/l	98
4) Vinyl Chloride	2.196	62	323028	57.580	ug/l	100
5) Bromomethane	2.586	94	237854	44.235	ug/l	100
6) Chloroethane	2.726	64	220619	57.294	ug/l	92
7) Trichlorofluoromethane	3.043	101	304145	63.861	ug/l	99
8) Diethyl Ether	3.446	74	49864	46.491	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	95558	47.639	ug/l	99
10) Methyl Iodide	3.994	142	100132	46.128	ug/l	99
11) Tert butyl alcohol	4.860	59	34557	236.599	ug/l	97
12) 1,1-Dichloroethene	3.781	96	94185	49.122	ug/l	98
13) Acrolein	3.647	56	33505	184.068	ug/l	99
14) Allyl chloride	4.378	41	141492	47.007	ug/l	99
15) Acrylonitrile	5.049	53	105421	232.081	ug/l	99
16) Acetone	3.866	43	110663	266.465	ug/l	100
17) Carbon Disulfide	4.098	76	284960	46.422	ug/l	99
18) Methyl Acetate	4.378	43	52048	42.322	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	249906	46.275	ug/l	97
20) Methylene Chloride	4.610	84	104415	44.261	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	103454	48.210	ug/l	92
22) Diisopropyl ether	6.012	45	316221	47.197	ug/l	100
23) Vinyl Acetate	5.951	43	918896	231.720	ug/l	99
24) 1,1-Dichloroethane	5.909	63	195694	49.580	ug/l	99
25) 2-Butanone	6.890	43	149761	249.999	ug/l	96
26) 2,2-Dichloropropane	6.878	77	172588	49.488	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	121230	48.876	ug/l	98
28) Bromochloromethane	7.238	49	83757	48.680	ug/l	99
29) Tetrahydrofuran	7.256	42	87281	225.902	ug/l	98
30) Chloroform	7.415	83	191190	48.904	ug/l	94
31) Cyclohexane	7.701	56	176233	44.849	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	173741	50.062	ug/l	99
36) 1,1-Dichloropropene	7.829	75	144708	49.835	ug/l	100
37) Ethyl Acetate	6.976	43	62142	47.989	ug/l	99
38) Carbon Tetrachloride	7.811	117	150532	50.534	ug/l	96
39) Methylcyclohexane	9.103	83	189081	48.455	ug/l	99
40) Benzene	8.079	78	437152	50.971	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
 Data File : VY022587.D
 Acq On : 06 Jun 2025 09:33
 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 06 23:38:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	35849	47.396	ug/l	98
42) 1,2-Dichloroethane	8.152	62	115886	49.487	ug/l	100
43) Isopropyl Acetate	8.195	43	131181	46.906	ug/l	98
44) Trichloroethene	8.859	130	105220	50.197	ug/l	98
45) 1,2-Dichloropropane	9.140	63	102278	50.460	ug/l	97
46) Dibromomethane	9.225	93	55843	48.972	ug/l	98
47) Bromodichloromethane	9.420	83	146494	50.665	ug/l	99
48) Methyl methacrylate	9.219	41	60867	46.372	ug/l	97
49) 1,4-Dioxane	9.225	88	13611	1007.526	ug/l	93
51) 4-Methyl-2-Pentanone	9.993	43	335752	240.796	ug/l	98
52) Toluene	10.170	92	273072	50.665	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	132557	48.929	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	157040	49.796	ug/l	98
55) 1,1,2-Trichloroethane	10.566	97	72063	49.560	ug/l	96
56) Ethyl methacrylate	10.438	69	100659	47.897	ug/l	98
57) 1,3-Dichloropropane	10.713	76	125707	48.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	258959	271.400	ug/l	100
59) 2-Hexanone	10.755	43	229890	246.524	ug/l	98
60) Dibromochloromethane	10.908	129	91555	49.547	ug/l	99
61) 1,2-Dibromoethane	11.011	107	64309	48.525	ug/l	99
64) Tetrachloroethene	10.646	164	113558	50.742	ug/l	98
65) Chlorobenzene	11.438	112	288727	50.152	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	95865	49.431	ug/l	98
67) Ethyl Benzene	11.517	91	533163	49.931	ug/l	99
68) m/p-Xylenes	11.627	106	406258	100.362	ug/l	99
69) o-Xylene	11.950	106	188009	49.539	ug/l	99
70) Styrene	11.969	104	314400	50.116	ug/l	99
71) Bromoform	12.127	173	48352	46.851	ug/l #	98
73) Isopropylbenzene	12.249	105	498939	49.901	ug/l	100
74) N-amyl acetate	12.066	43	117191	46.452	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	76110	46.380	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	108908	78.167	ug/l #	100
77) Bromobenzene	12.529	156	102345	48.506	ug/l	98
78) n-propylbenzene	12.590	91	618049	50.609	ug/l	100
79) 2-Chlorotoluene	12.676	91	320782	49.561	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	392754	50.034	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	25842	44.792	ug/l	98
82) 4-Chlorotoluene	12.773	91	328579	49.210	ug/l	98
83) tert-Butylbenzene	12.993	119	347548	49.331	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	394429	50.239	ug/l	99
85) sec-Butylbenzene	13.170	105	547107	50.704	ug/l	100
86) p-Isopropyltoluene	13.285	119	447923	50.362	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	209415	48.987	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	203634	49.112	ug/l	99
89) n-Butylbenzene	13.615	91	434689	51.514	ug/l	99
90) Hexachloroethane	13.877	117	87120	50.315	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	177948	49.027	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11331	47.426	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	99275	50.151	ug/l	98
94) Hexachlorobutadiene	15.017	225	56050	51.301	ug/l	96
95) Naphthalene	15.145	128	178784	47.064	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	81041	47.770	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022587.D
Acq On : 06 Jun 2025 09:33
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

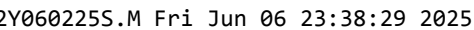
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

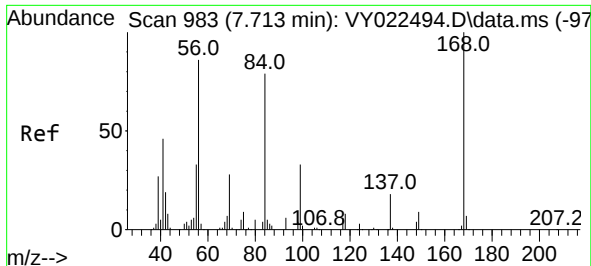
Quant Time: Jun 06 23:38:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jun 06 23:38:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

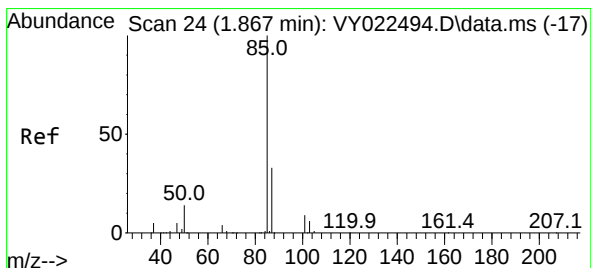
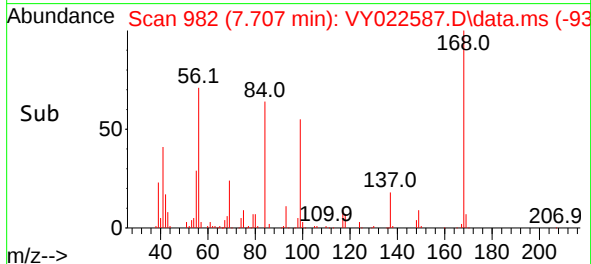
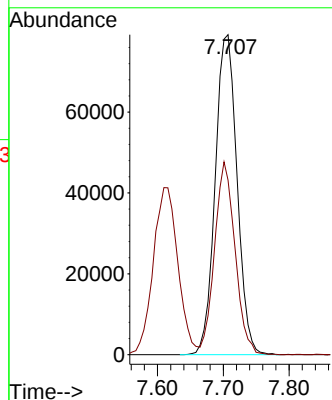
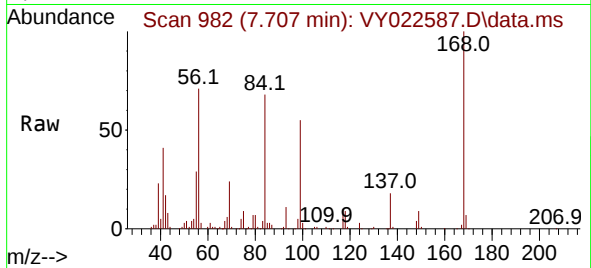




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

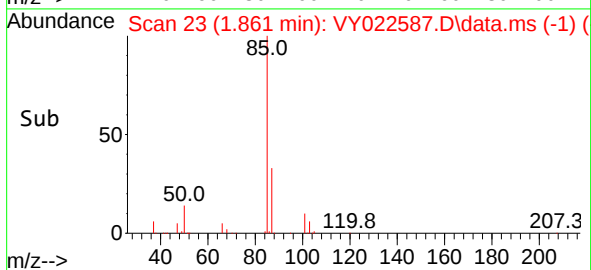
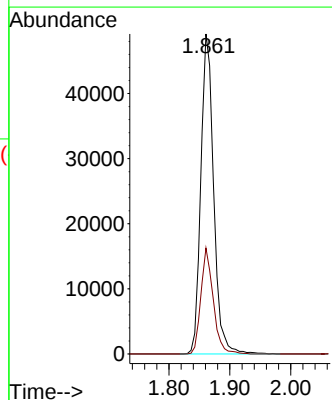
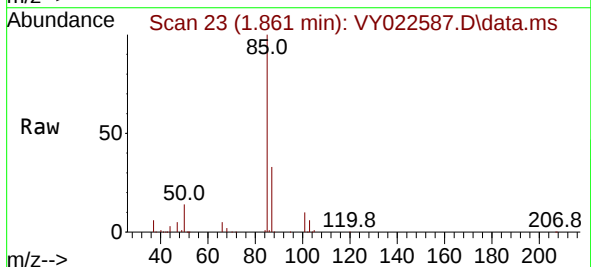
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 182839
Ion Ratio Lower Upper
168 100
99 54.5 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 43.867 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 85 Resp: 71809
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.0

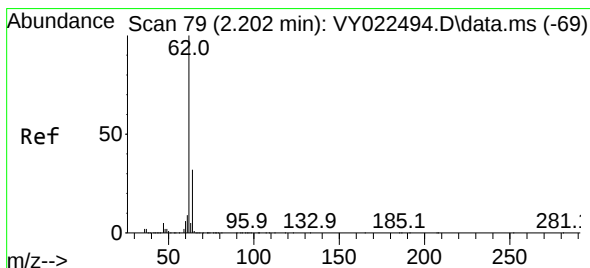
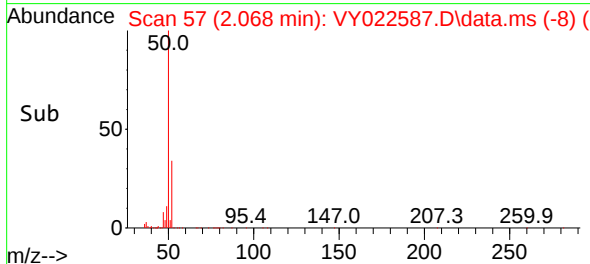
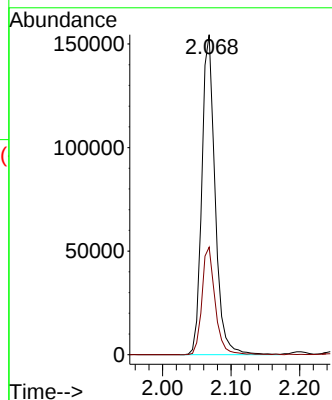
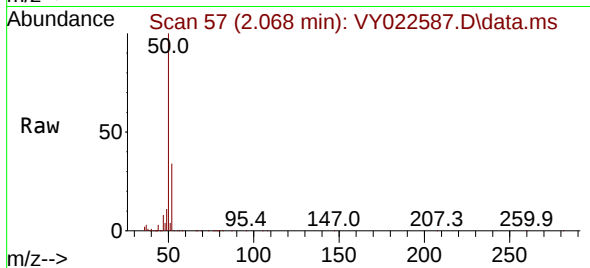




#3
Chloromethane
Concen: 43.108 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

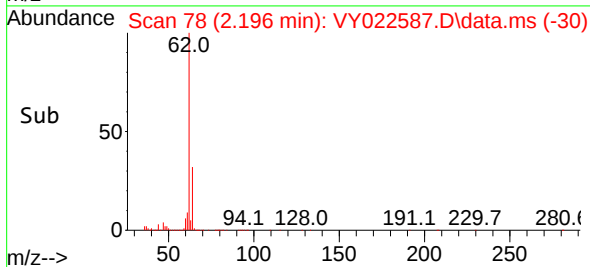
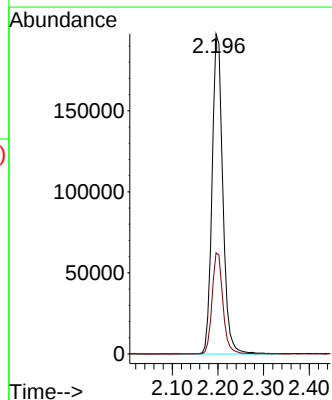
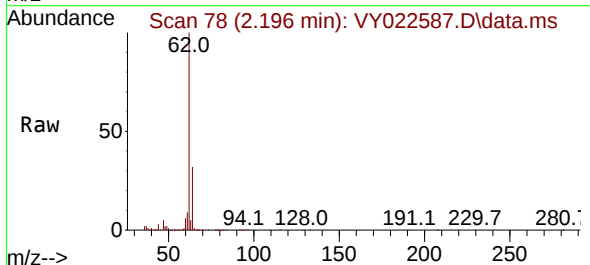
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

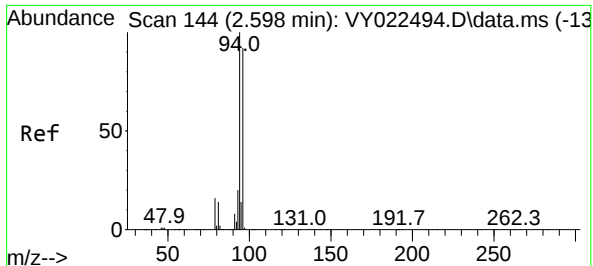
Tgt Ion: 50 Resp: 208468
Ion Ratio Lower Upper
50 100
52 33.6 26.0 39.0



#4
Vinyl Chloride
Concen: 57.580 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 62 Resp: 323028
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9

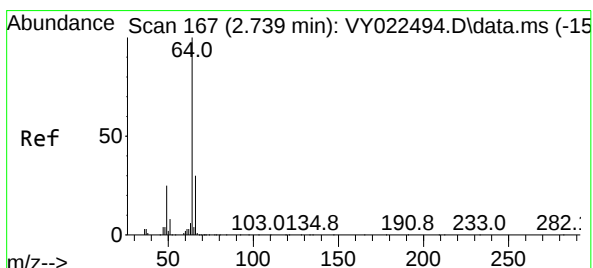
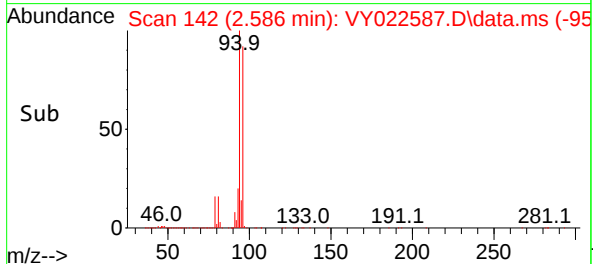
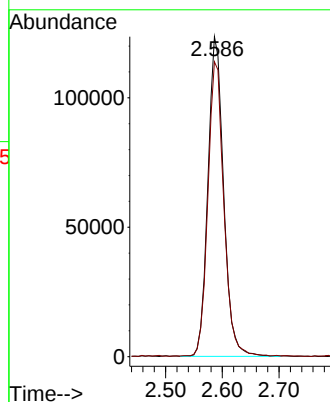
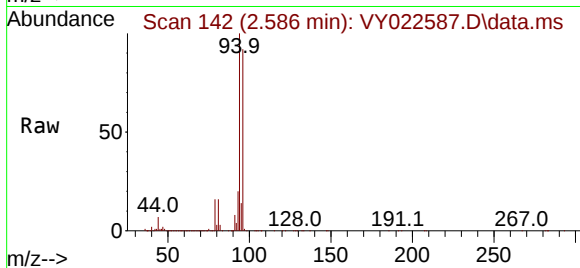




#5
Bromomethane
Concen: 44.235 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

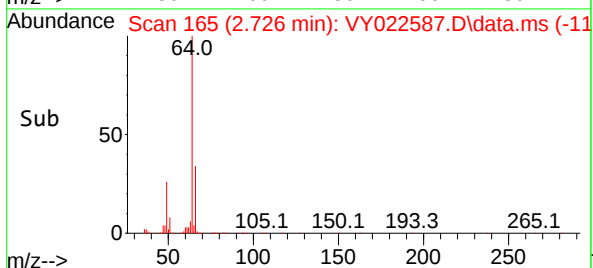
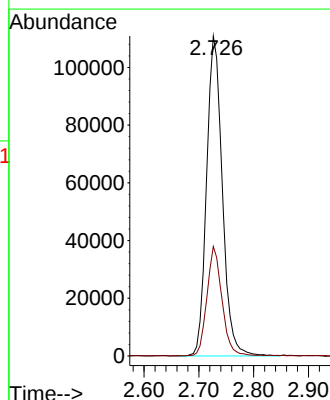
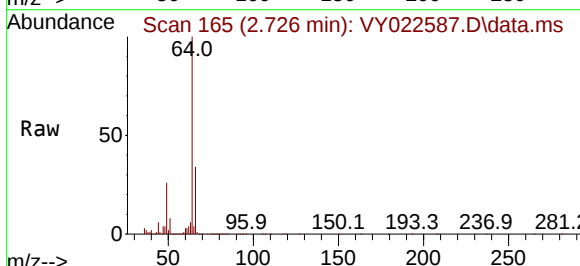
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

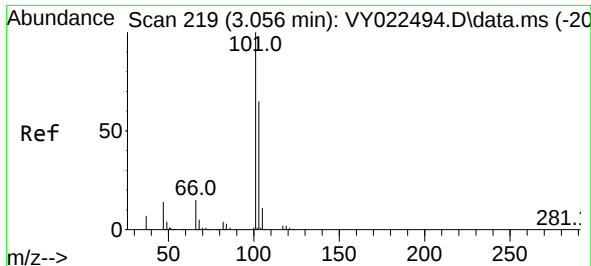
Tgt Ion: 94 Resp: 237854
Ion Ratio Lower Upper
94 100
96 92.0 74.0 111.0



#6
Chloroethane
Concen: 57.294 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 64 Resp: 220619
Ion Ratio Lower Upper
64 100
66 34.1 23.8 35.6

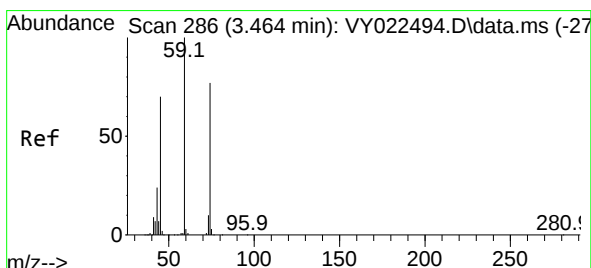
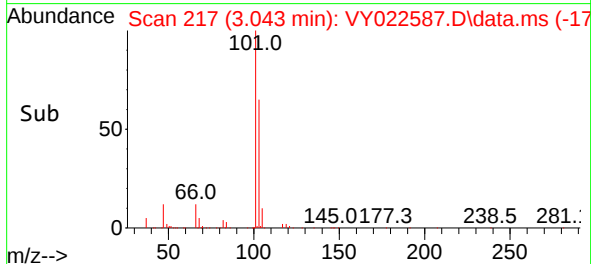
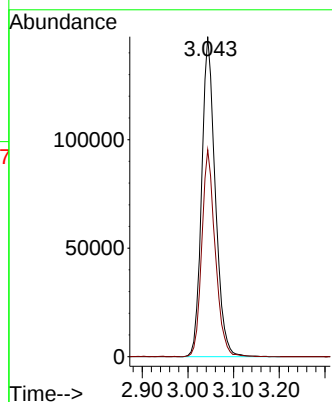
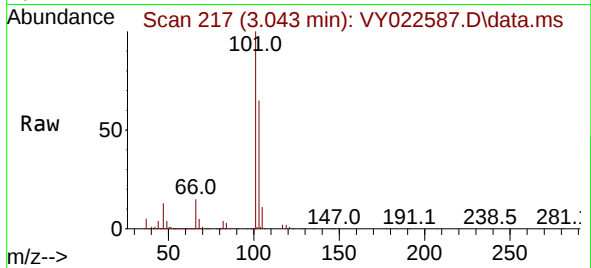




#7
Trichlorofluoromethane
Concen: 63.861 ug/l
RT: 3.043 min Scan# 219
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

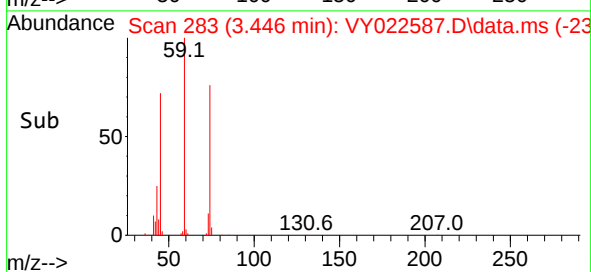
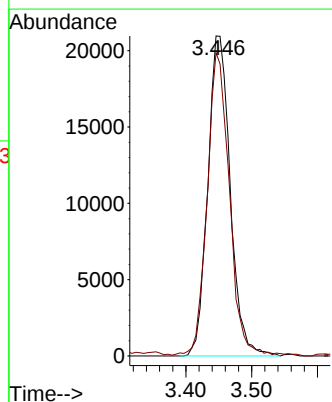
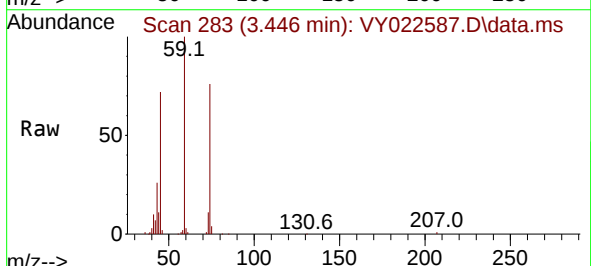
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 304145
Ion Ratio Lower Upper
101 100
103 64.7 52.2 78.2



#8
Diethyl Ether
Concen: 46.491 ug/l
RT: 3.446 min Scan# 283
Delta R.T. -0.018 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 74 Resp: 49864
Ion Ratio Lower Upper
74 100
45 92.5 45.9 137.6

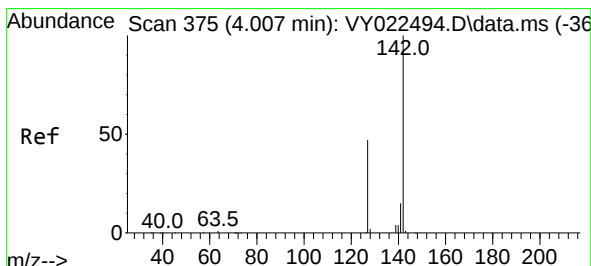
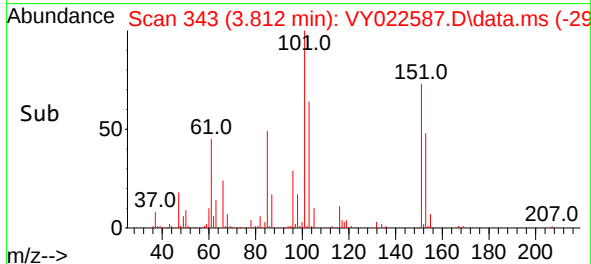
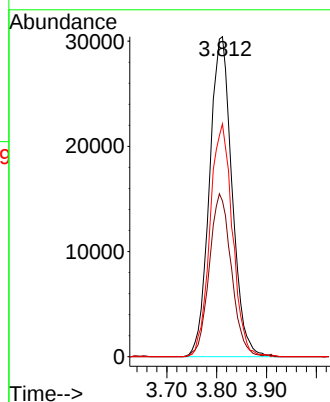
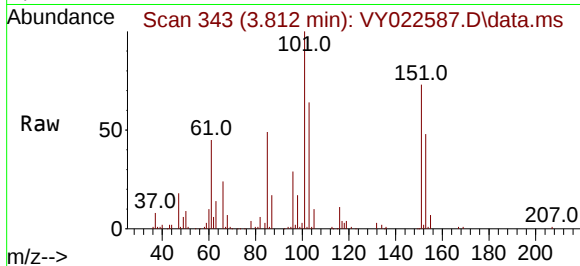




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.639 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

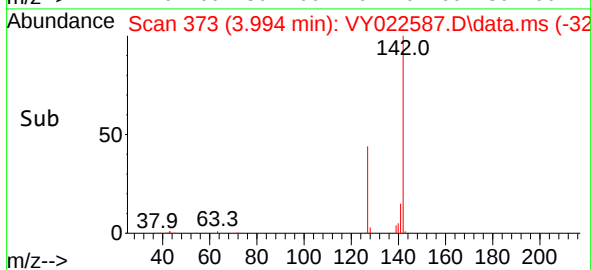
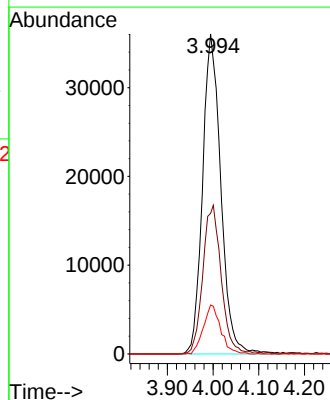
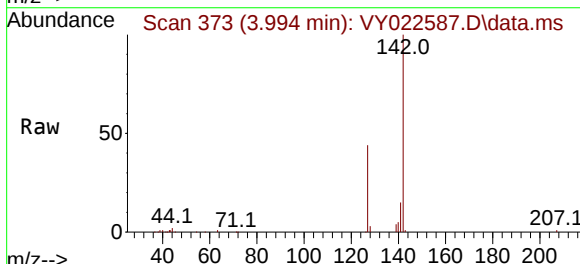
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

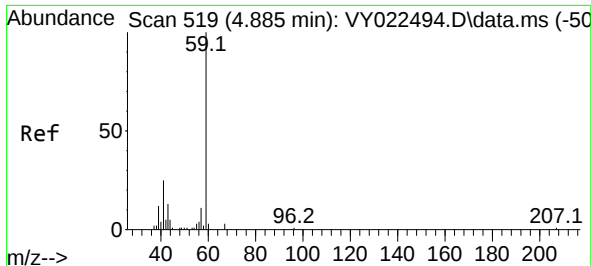
Tgt Ion:101 Resp: 95558
Ion Ratio Lower Upper
101 100
85 49.9 39.3 58.9
151 72.4 57.8 86.8



#10
Methyl Iodide
Concen: 46.128 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion:142 Resp: 100132
Ion Ratio Lower Upper
142 100
127 46.9 37.1 55.7
141 14.5 11.4 17.2

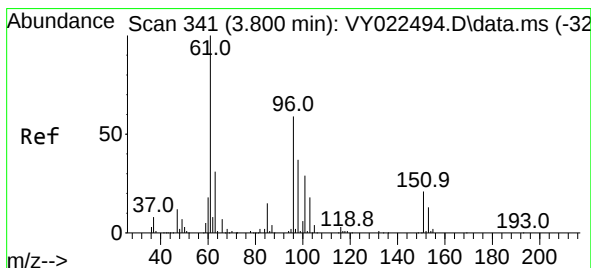
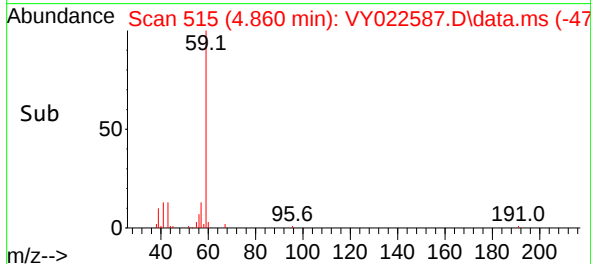
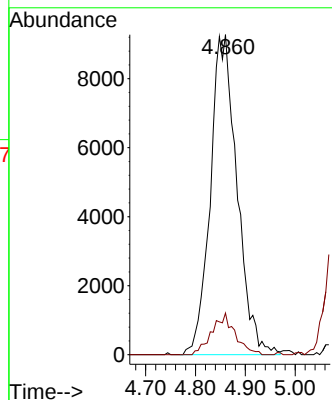
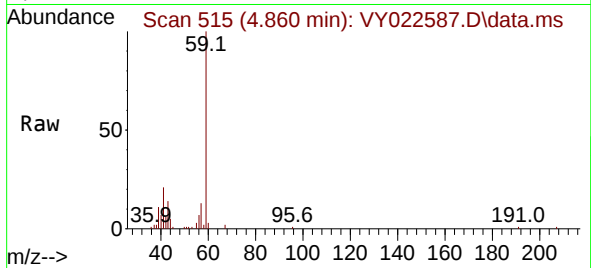




#11
Tert butyl alcohol
Concen: 236.599 ug/l
RT: 4.860 min Scan# 519
Delta R.T. -0.025 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

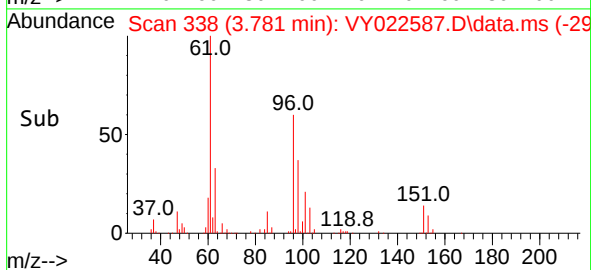
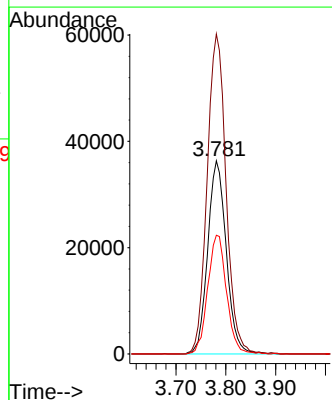
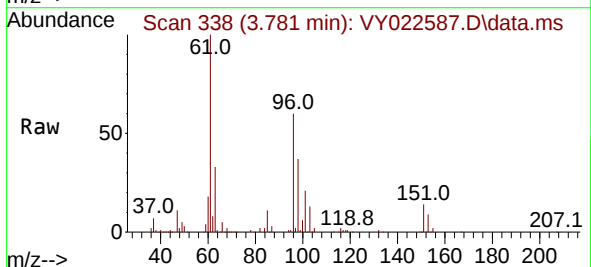
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

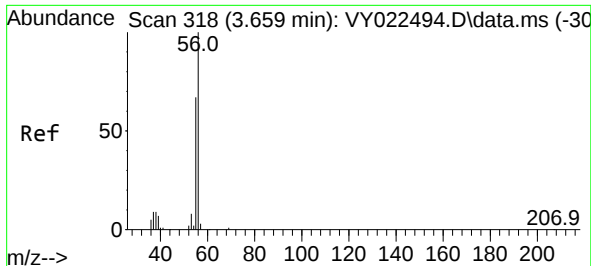
Tgt Ion: 59 Resp: 34557
Ion Ratio Lower Upper
59 100
57 11.2 8.0 12.0



#12
1,1-Dichloroethene
Concen: 49.122 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 96 Resp: 94185
Ion Ratio Lower Upper
96 100
61 165.7 134.6 201.8
98 61.5 50.2 75.4

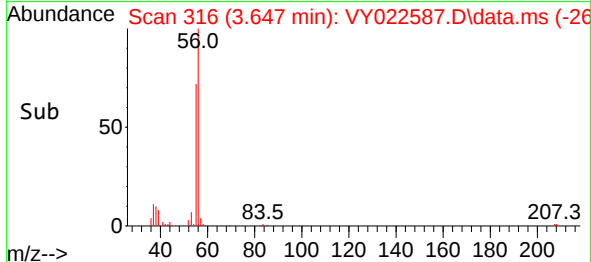
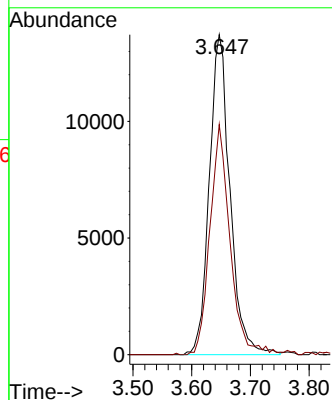
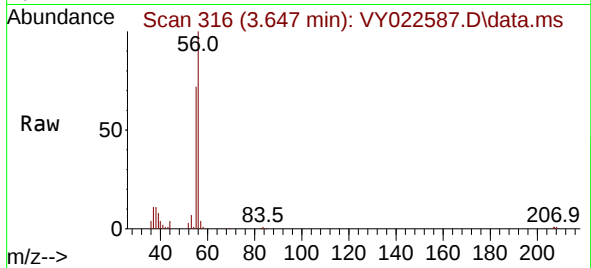




#13
Acrolein
Concen: 184.068 ug/l
RT: 3.647 min Scan# 318
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

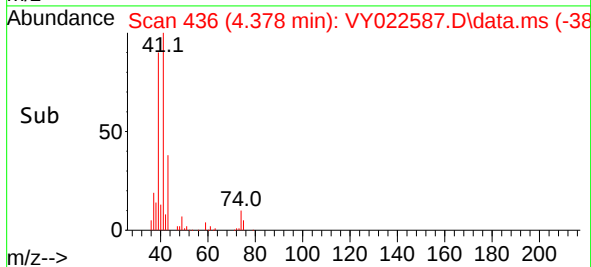
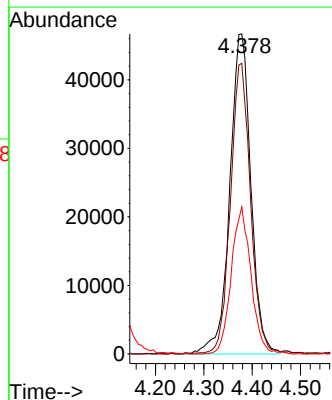
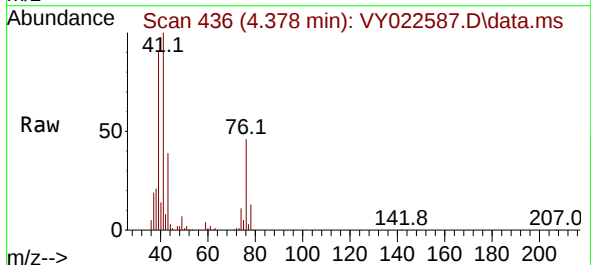
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

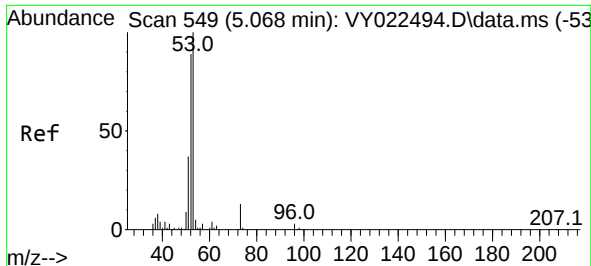
Tgt Ion: 56 Resp: 33505
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.6



#14
Allyl chloride
Concen: 47.007 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 41 Resp: 141492
Ion Ratio Lower Upper
41 100
39 86.2 69.1 103.7
76 42.9 33.5 50.3

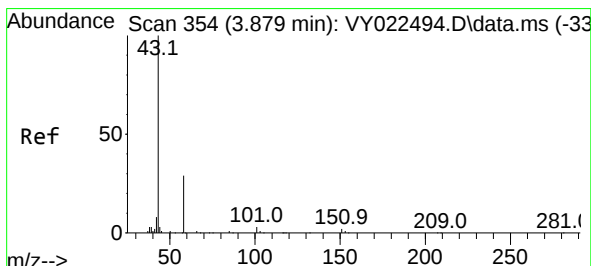
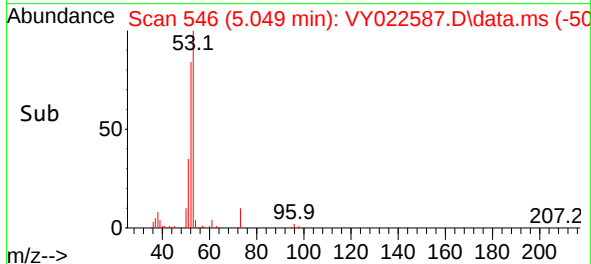
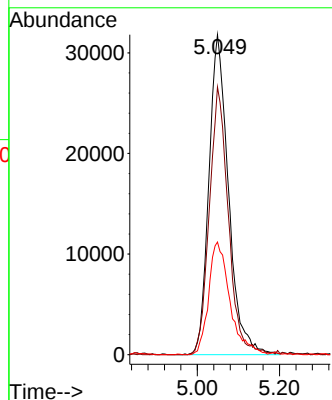
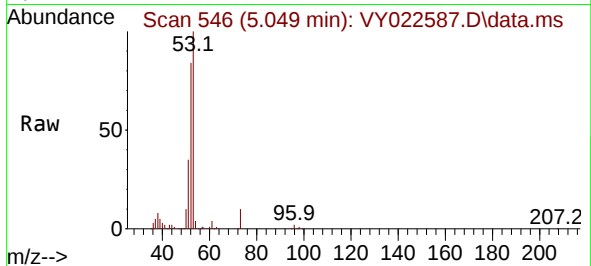




#15
Acrylonitrile
Concen: 232.081 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

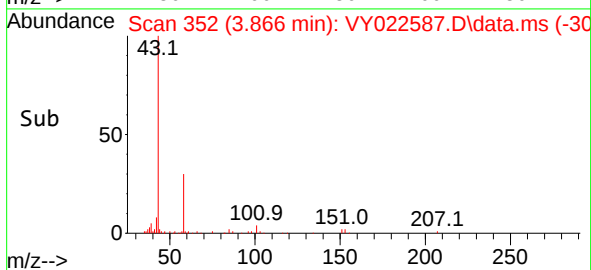
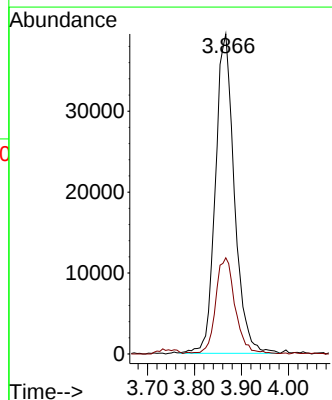
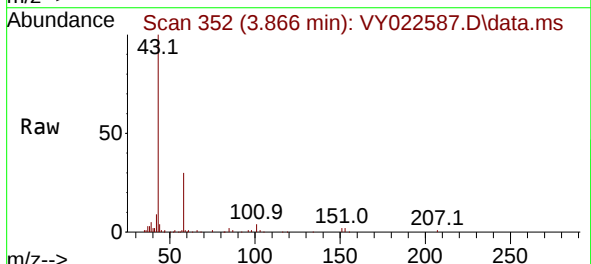
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

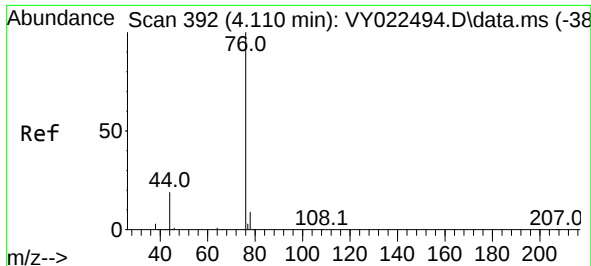
Tgt Ion: 53 Resp: 105421
Ion Ratio Lower Upper
53 100
52 81.0 65.7 98.5
51 38.2 30.1 45.1



#16
Acetone
Concen: 266.465 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 43 Resp: 110663
Ion Ratio Lower Upper
43 100
58 30.0 24.0 36.0

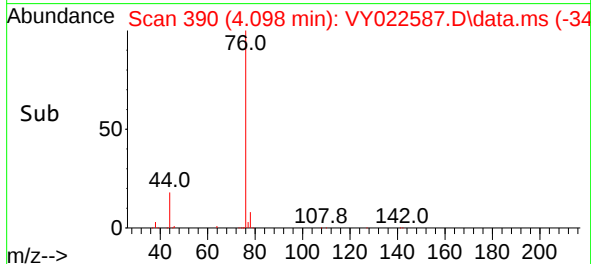
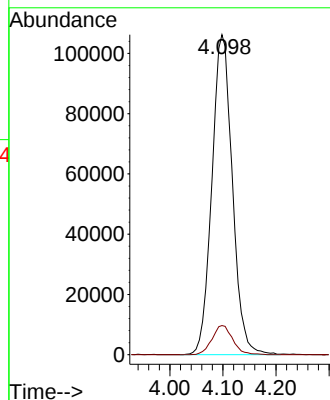
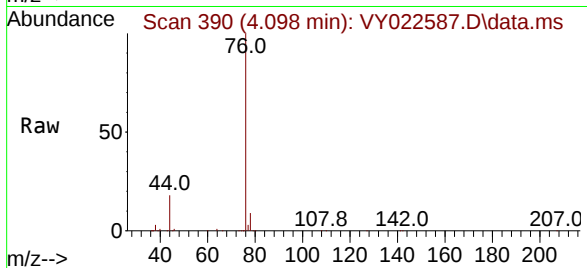




#17
Carbon Disulfide
Concen: 46.422 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

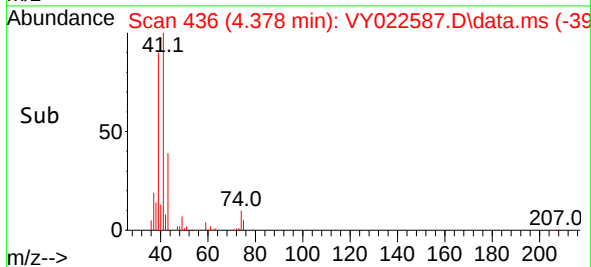
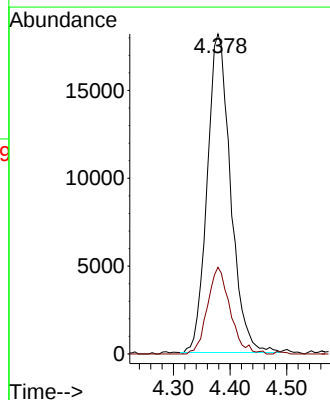
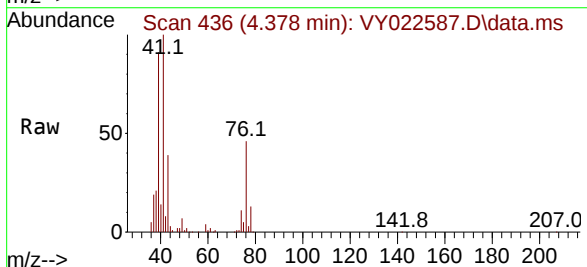
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

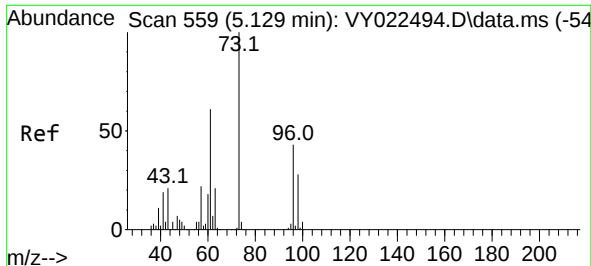
Tgt Ion: 76 Resp: 284960
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 42.322 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 43 Resp: 52048
Ion Ratio Lower Upper
43 100
74 26.3 19.8 29.6

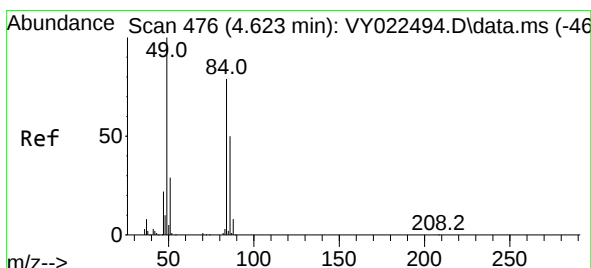
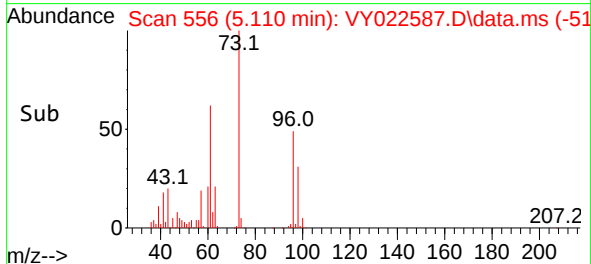
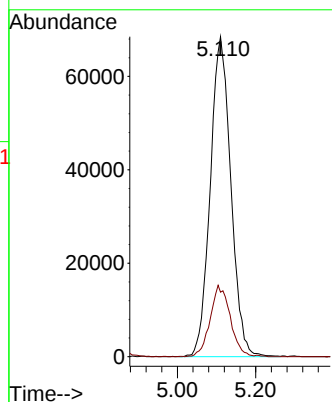
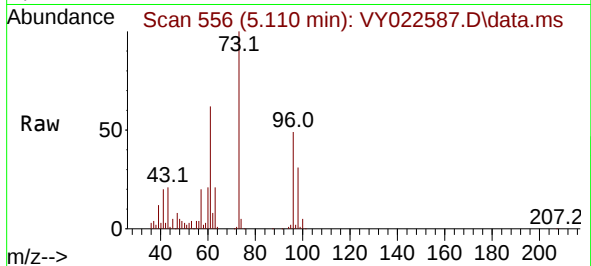




#19
Methyl tert-butyl Ether
Concen: 46.275 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

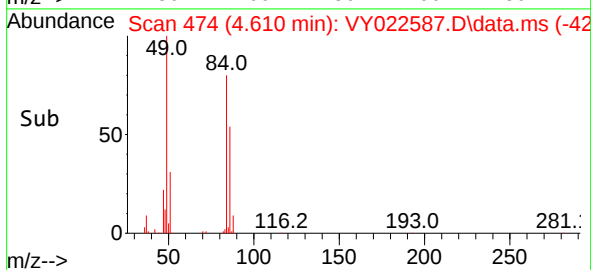
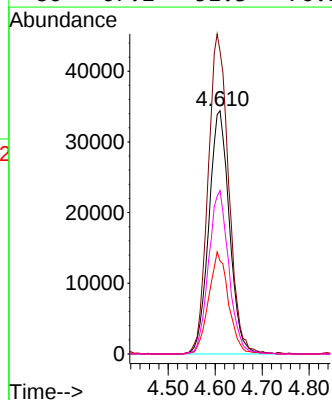
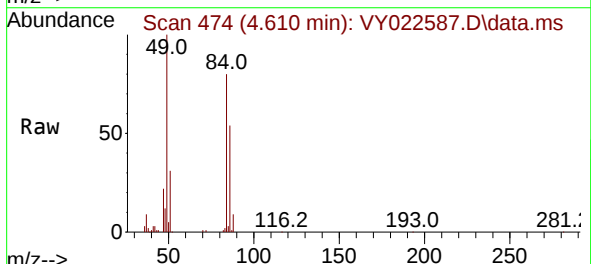
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

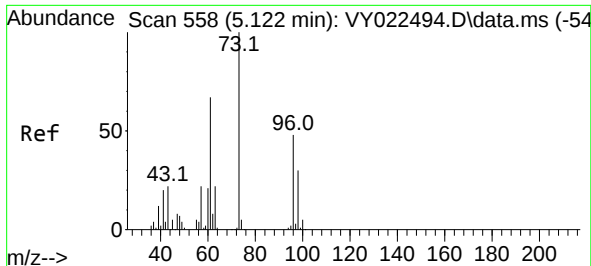
Tgt Ion: 73 Resp: 249906
Ion Ratio Lower Upper
73 100
57 20.2 17.4 26.0



#20
Methylene Chloride
Concen: 44.261 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 84 Resp: 104415
Ion Ratio Lower Upper
84 100
49 124.4 101.9 152.9
51 38.3 29.8 44.8
86 67.2 51.3 76.9

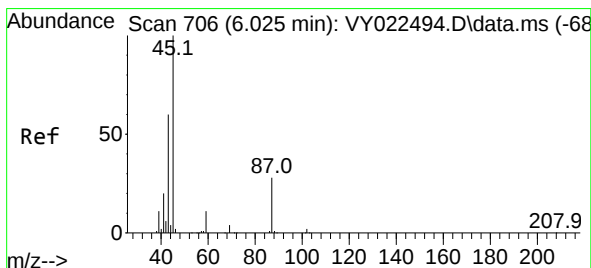
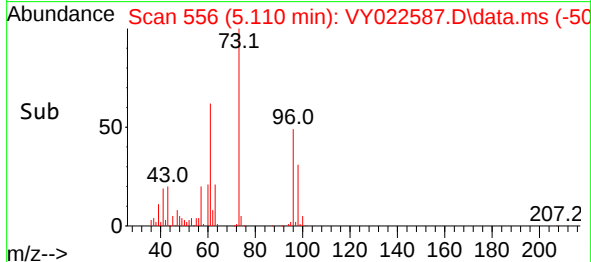
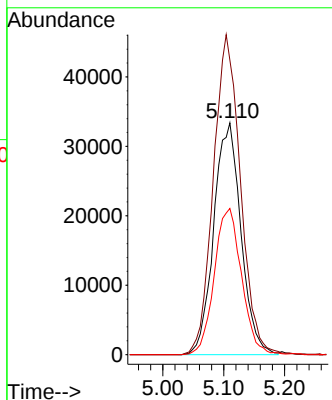
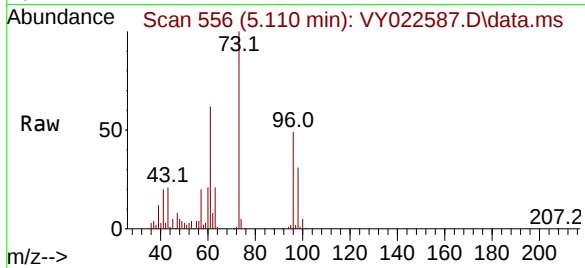




#21
trans-1,2-Dichloroethene
Concen: 48.210 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

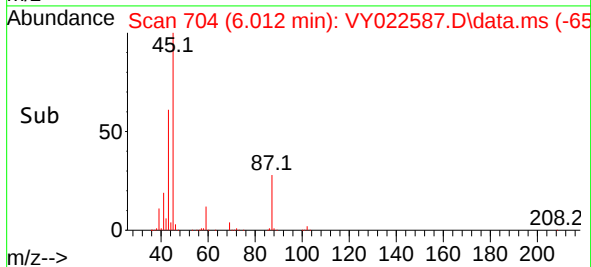
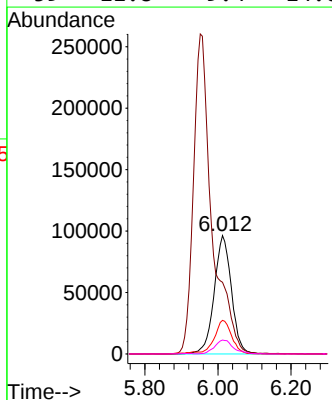
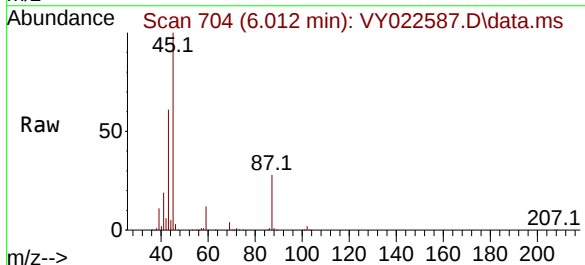
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 103454
Ion Ratio Lower Upper
96 100
61 127.1 112.6 169.0
98 63.1 50.6 75.8



#22
Diisopropyl ether
Concen: 47.197 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 45 Resp: 316221
Ion Ratio Lower Upper
45 100
43 60.1 48.3 72.5
87 28.4 23.0 34.6
59 11.8 9.4 14.0

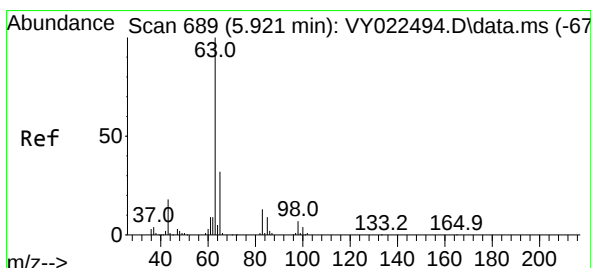
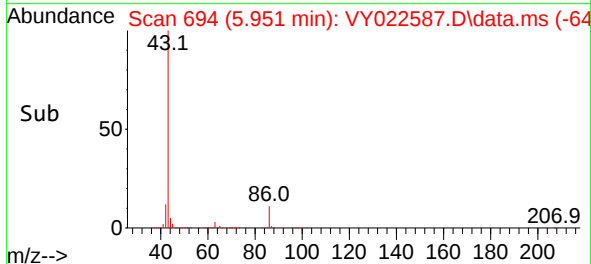
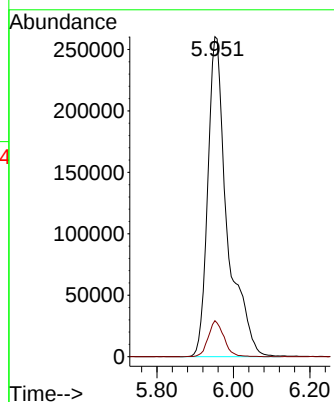
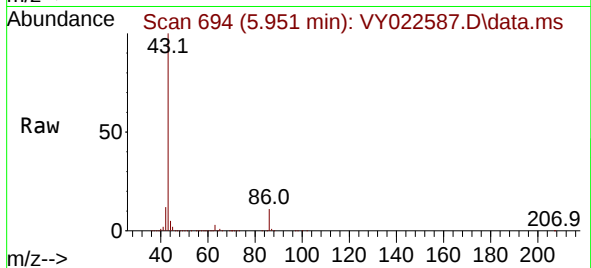




#23
 Vinyl Acetate
 Concen: 231.720 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. -0.018 min
 Lab File: VY022587.D
 Acq: 06 Jun 2025 09:33

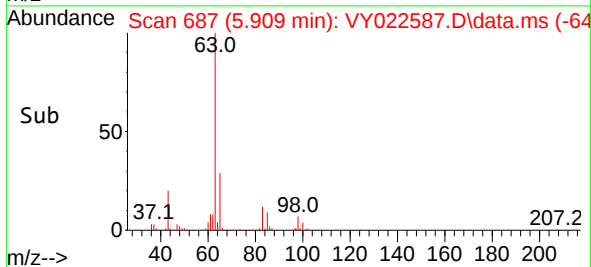
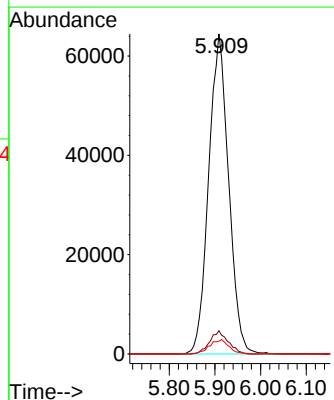
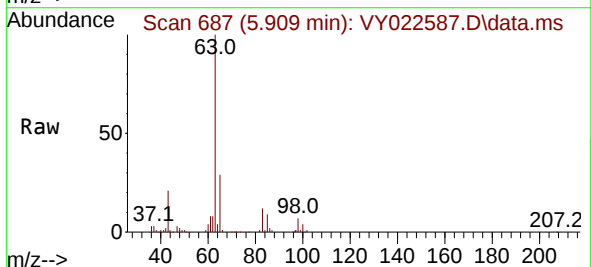
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 918896
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 49.580 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022587.D
 Acq: 06 Jun 2025 09:33

Tgt Ion: 63 Resp: 195694
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.0 2.1 6.3

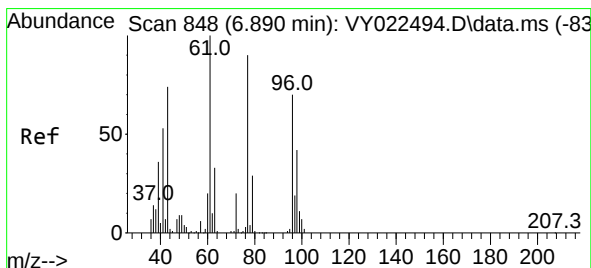
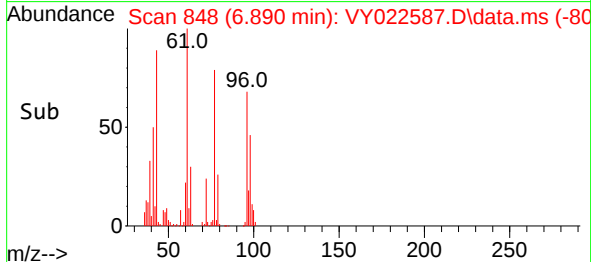
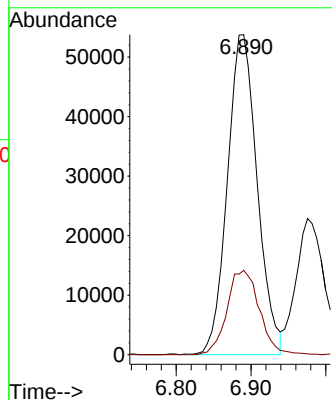
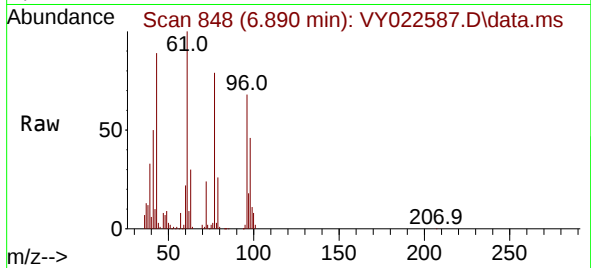




#25
2-Butanone
Concen: 249.999 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

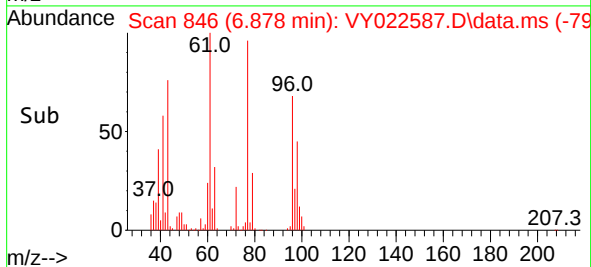
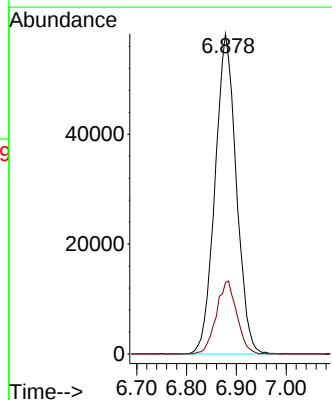
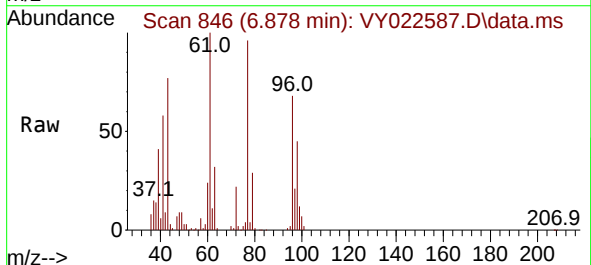
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 149761
Ion Ratio Lower Upper
43 100
72 26.4 22.9 34.3



#26
2,2-Dichloropropane
Concen: 49.488 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 77 Resp: 172588
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 48.876 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

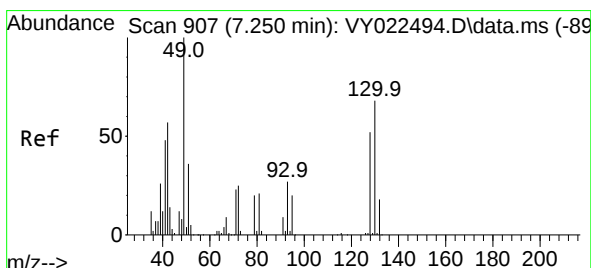
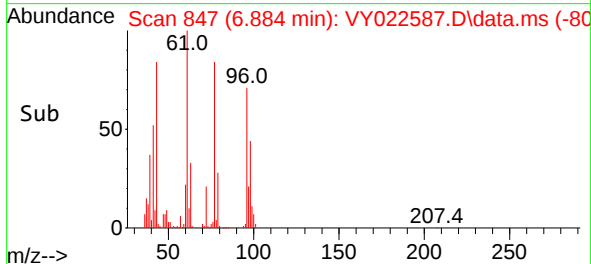
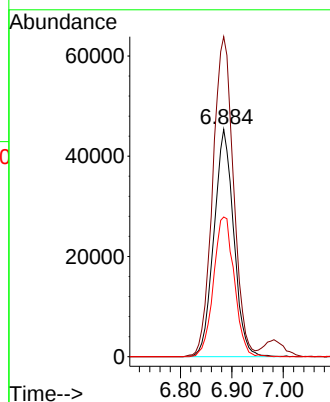
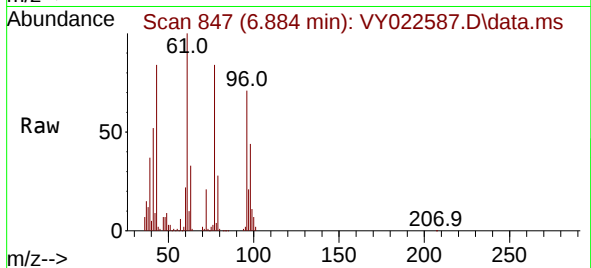
Tgt Ion: 96 Resp: 121230

Ion Ratio Lower Upper

96 100

61 147.5 0.0 290.0

98 64.4 0.0 128.4



#28

Bromochloromethane

Concen: 48.680 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

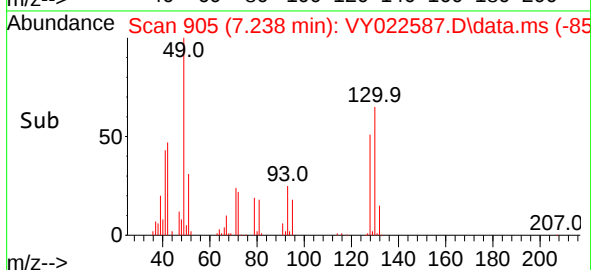
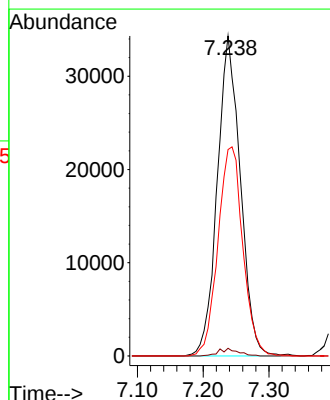
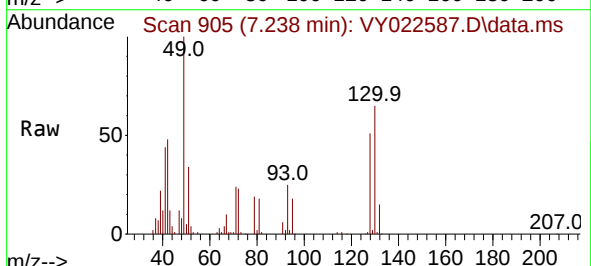
Tgt Ion: 49 Resp: 83757

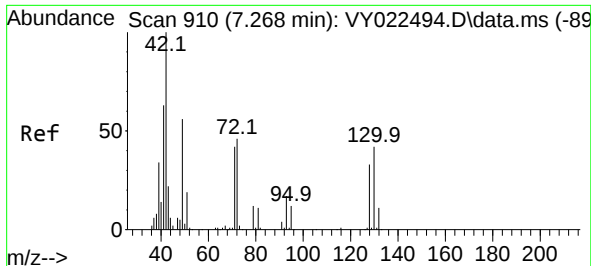
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 70.5 55.7 83.5





#29

Tetrahydrofuran

Concen: 225.902 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

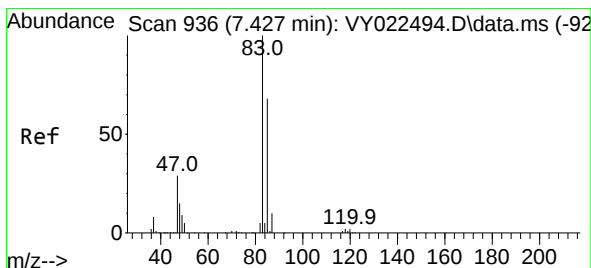
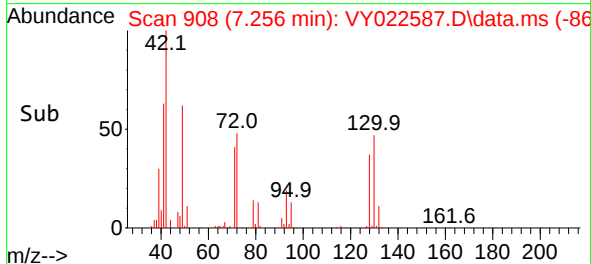
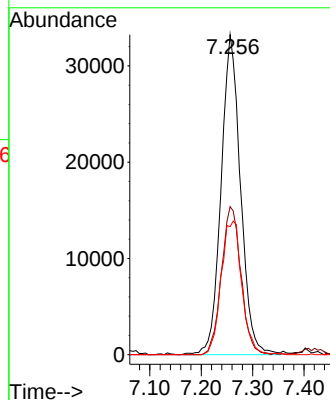
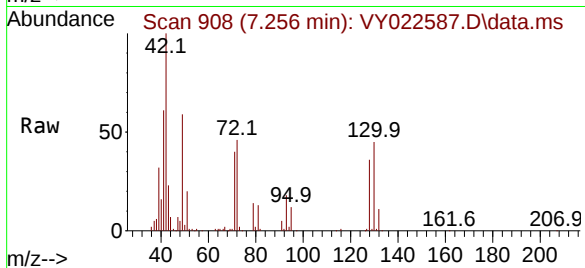
Tgt Ion: 42 Resp: 87281

Ion Ratio Lower Upper

42 100

72 46.5 37.4 56.2

71 44.4 34.2 51.2



#30

Chloroform

Concen: 48.904 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022587.D

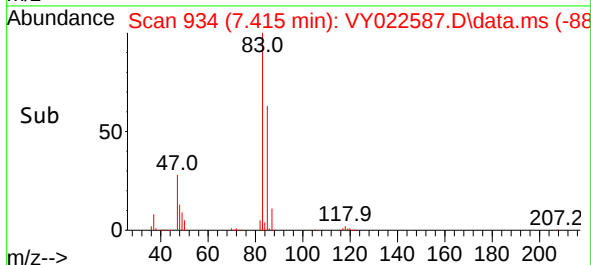
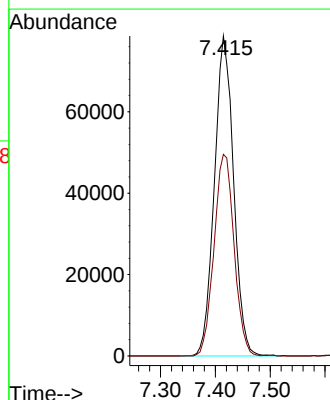
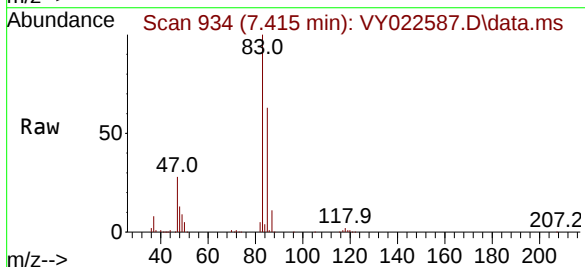
Acq: 06 Jun 2025 09:33

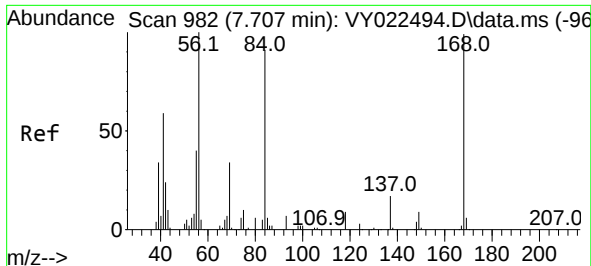
Tgt Ion: 83 Resp: 191190

Ion Ratio Lower Upper

83 100

85 63.0 54.2 81.4

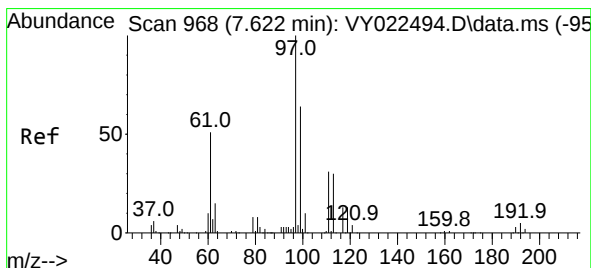
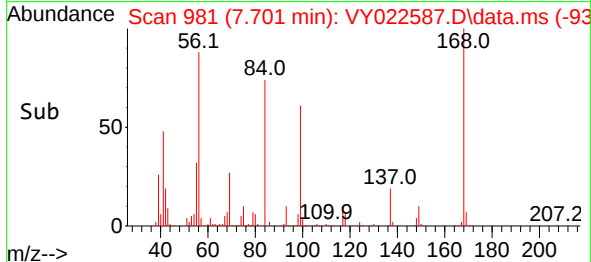
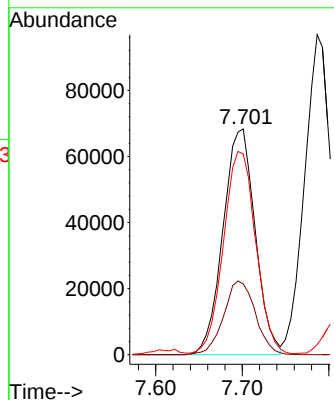
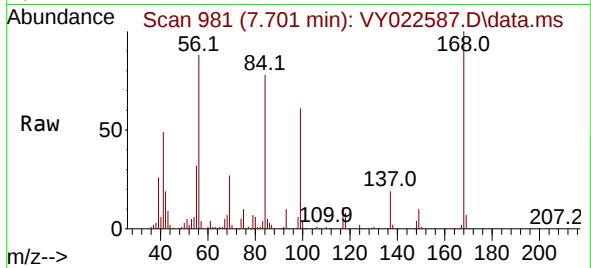




#31
Cyclohexane
Concen: 44.849 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

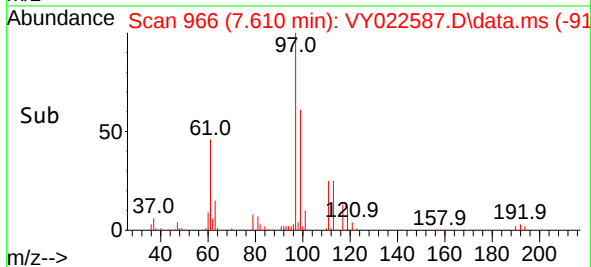
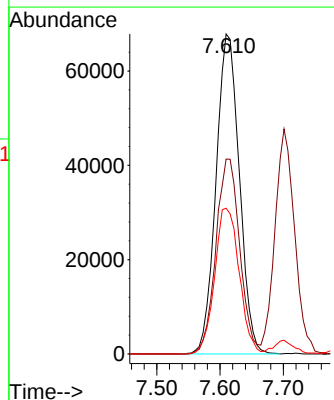
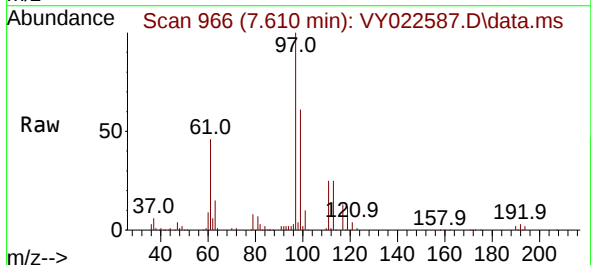
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 176233
Ion Ratio Lower Upper
56 100
69 31.4 27.0 40.6
84 87.9 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 50.062 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 97 Resp: 173741
Ion Ratio Lower Upper
97 100
99 62.5 50.9 76.3
61 47.9 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 49.324 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

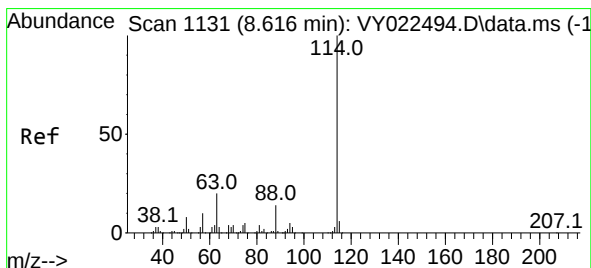
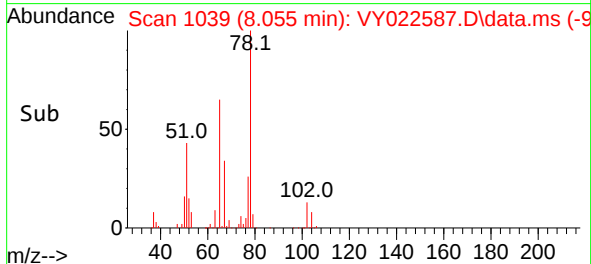
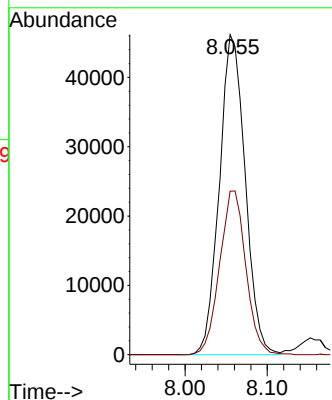
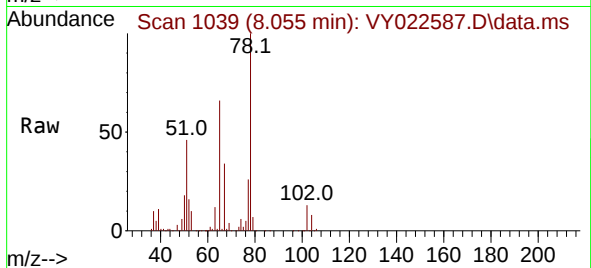
VSTDCCC050

Tgt Ion: 65 Resp: 100865

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

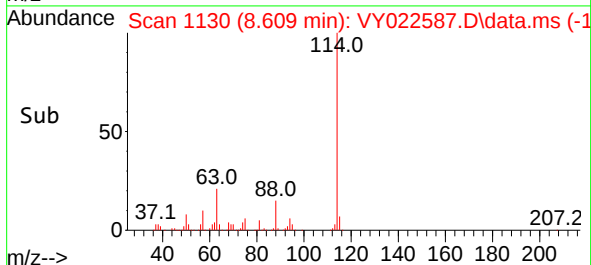
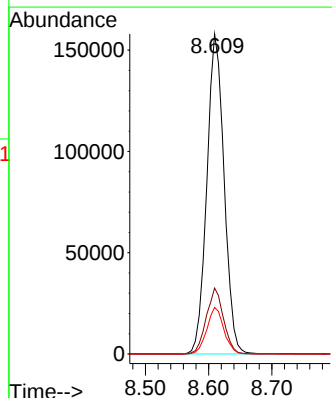
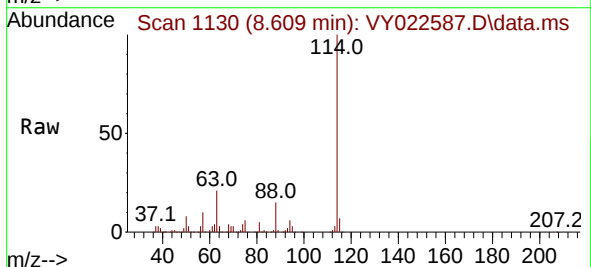
Tgt Ion: 114 Resp: 299746

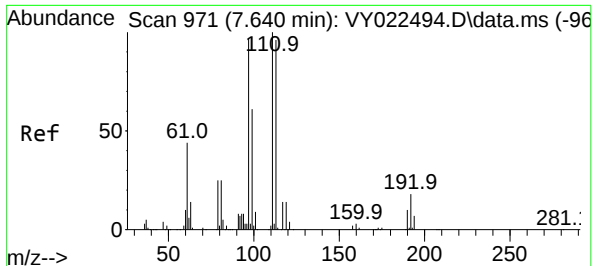
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 14.5 0.0 27.8

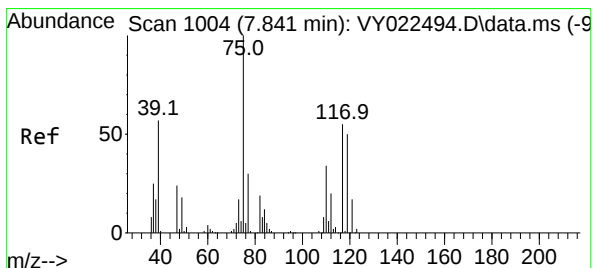
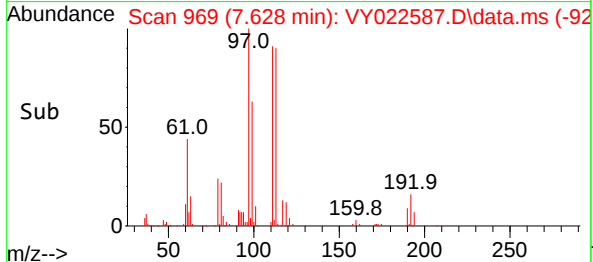
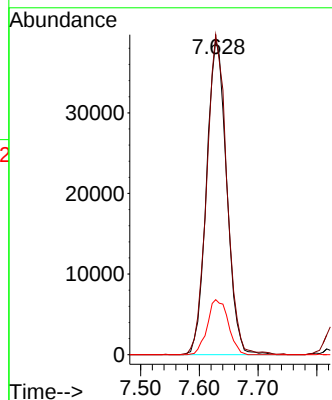
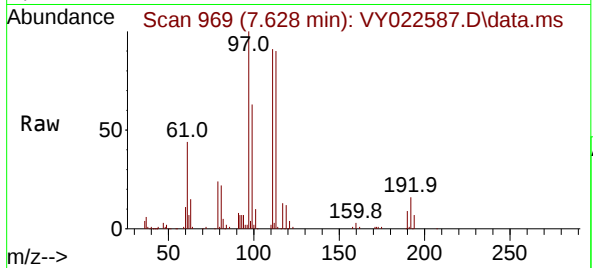




#35
Dibromofluoromethane
Concen: 51.804 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

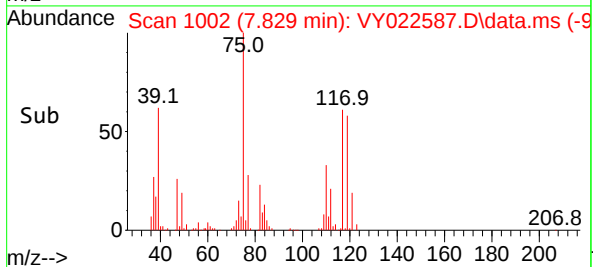
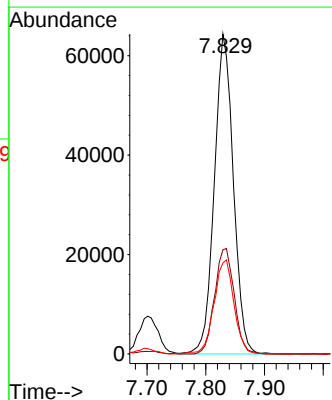
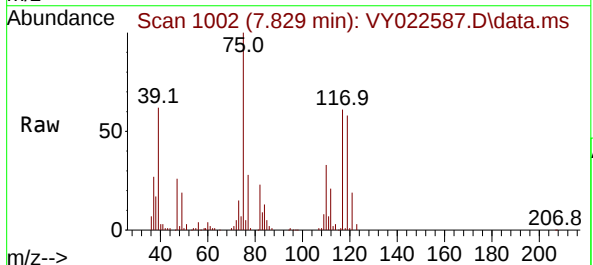
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

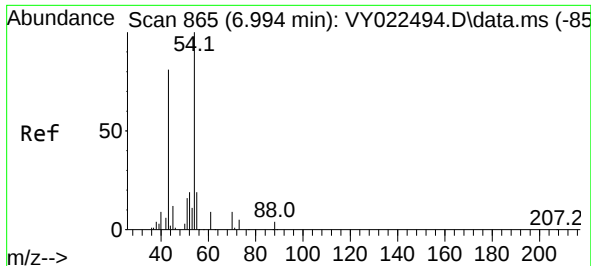
Tgt Ion:113 Resp: 92683
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 18.2 14.2 21.2



#36
1,1-Dichloropropene
Concen: 49.835 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 75 Resp: 144708
Ion Ratio Lower Upper
75 100
110 33.9 16.9 50.7
77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 47.989 ug/l

RT: 6.976 min Scan# 80

Delta R.T. -0.018 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

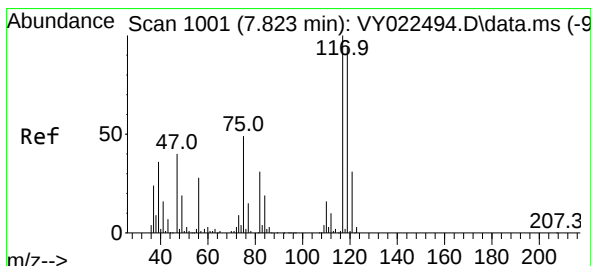
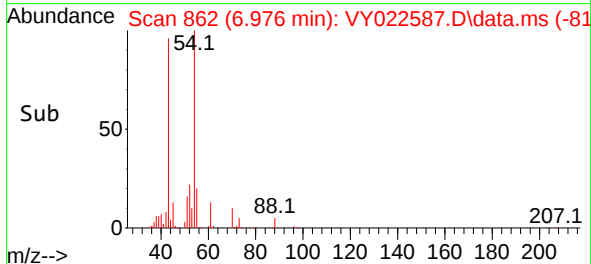
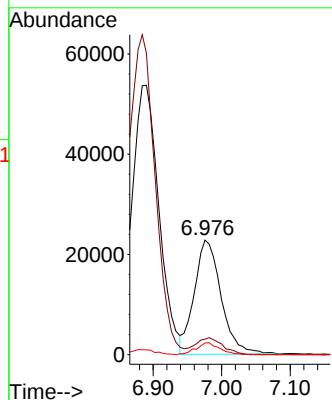
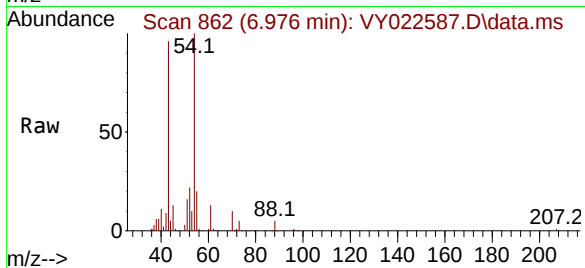
Tgt Ion: 43 Resp: 62142

Ion Ratio Lower Upper

43 100

61 15.2 11.5 17.3

70 9.2 7.2 10.8



#38

Carbon Tetrachloride

Concen: 50.534 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

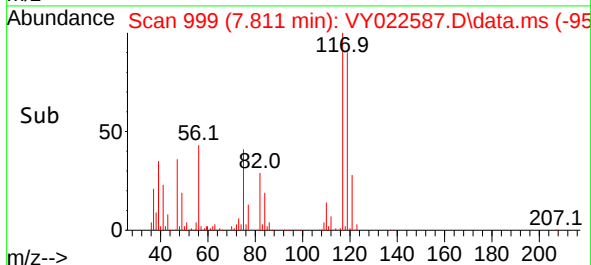
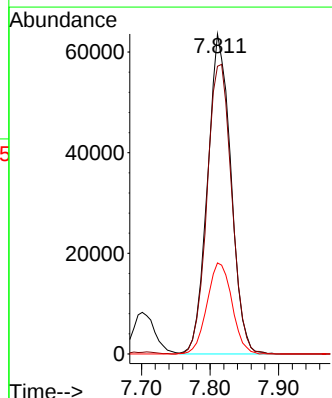
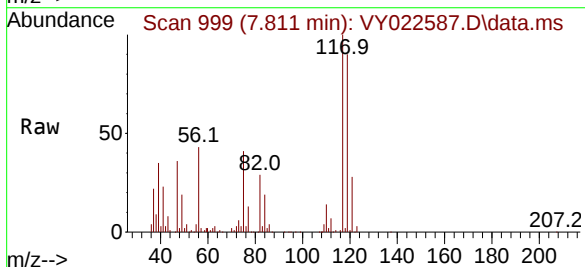
Tgt Ion: 117 Resp: 150532

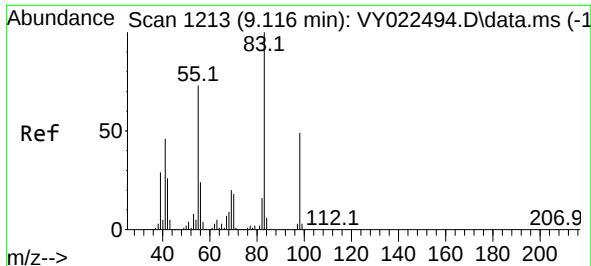
Ion Ratio Lower Upper

117 100

119 89.9 75.0 112.6

121 28.5 25.0 37.4





#39

Methylcyclohexane

Concen: 48.455 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

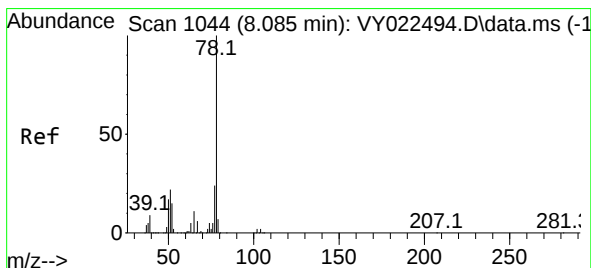
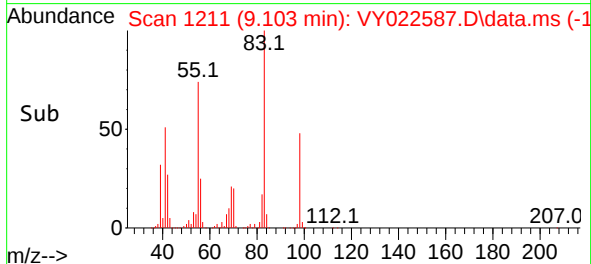
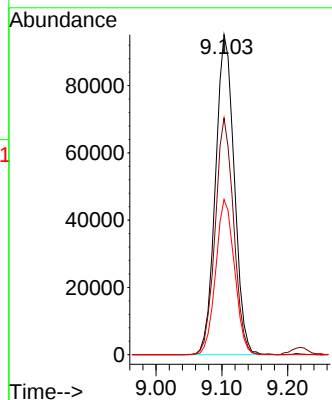
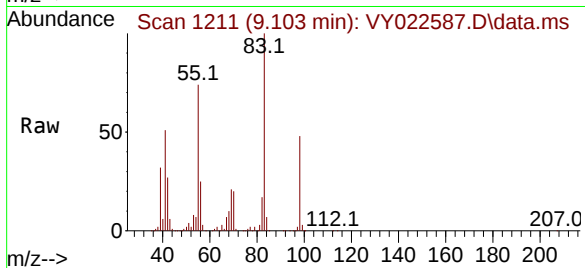
Tgt Ion: 83 Resp: 189081

Ion Ratio Lower Upper

83 100

55 74.0 58.1 87.1

98 48.5 39.0 58.6



#40

Benzene

Concen: 50.971 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022587.D

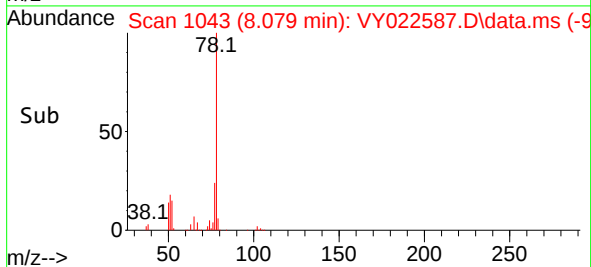
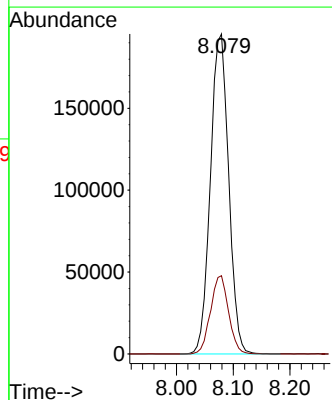
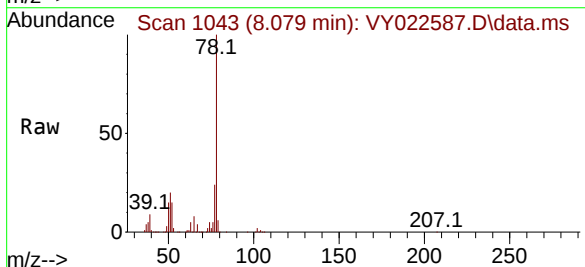
Acq: 06 Jun 2025 09:33

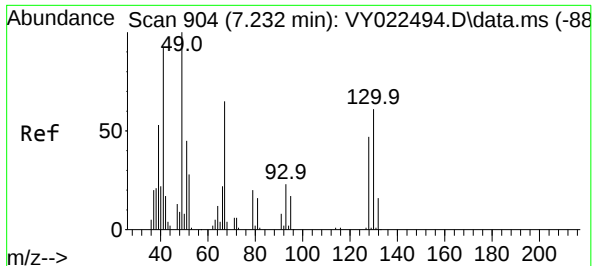
Tgt Ion: 78 Resp: 437152

Ion Ratio Lower Upper

78 100

77 24.4 19.3 28.9

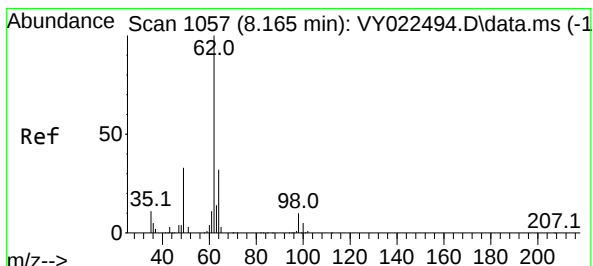
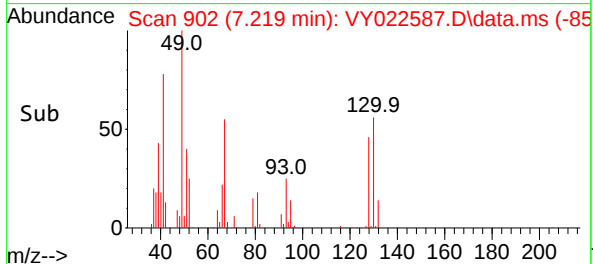
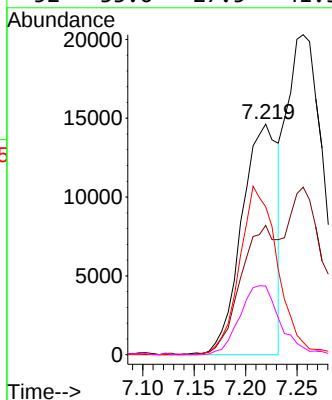
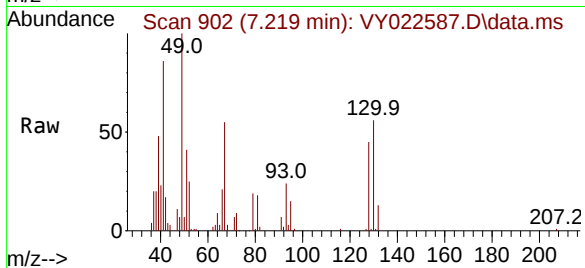




#41
Methacrylonitrile
Concen: 47.396 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

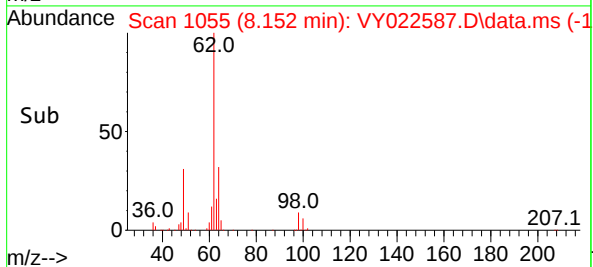
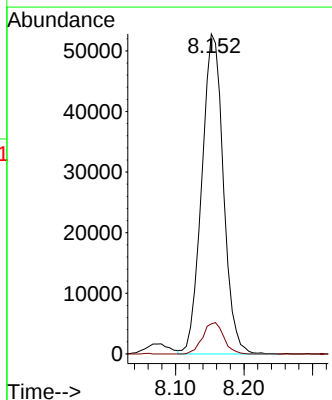
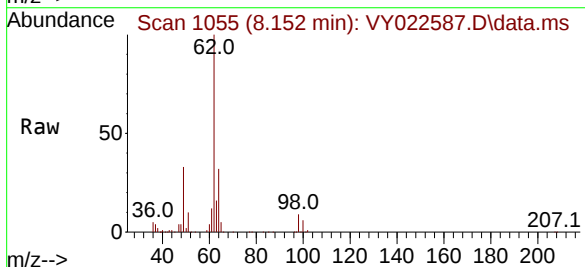
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

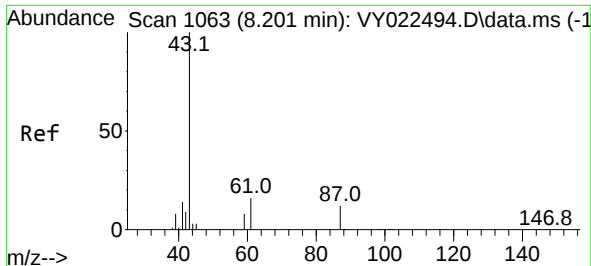
Tgt Ion:	41	Resp:	35849
Ion	Ratio	Lower	Upper
41	100		
39	57.0	46.6	69.8
67	77.3	63.3	94.9
52	33.6	27.5	41.3



#42
1,2-Dichloroethane
Concen: 49.487 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion:	62	Resp:	115886
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2

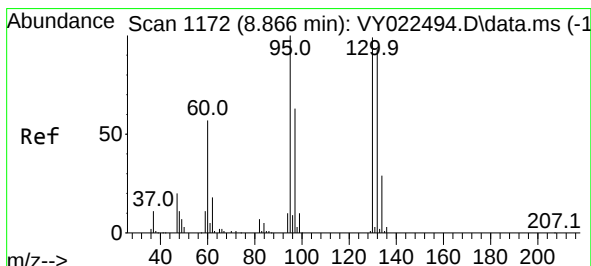
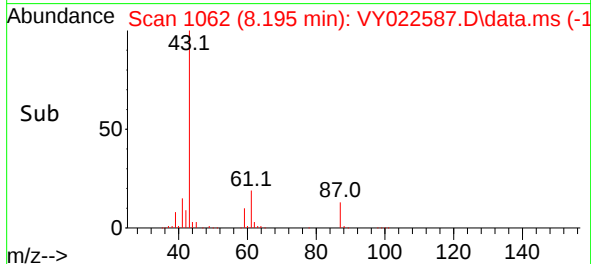
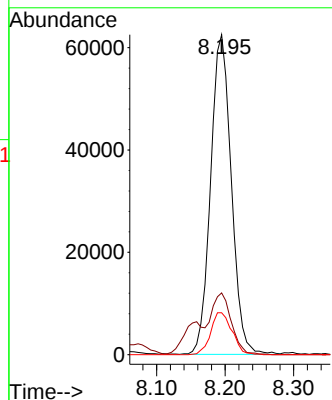
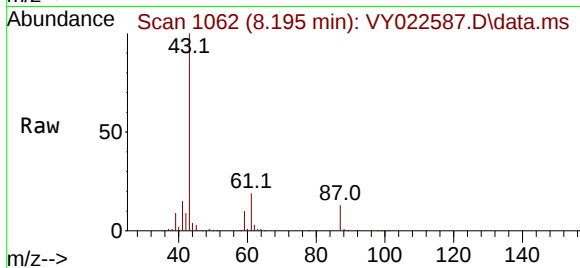




#43
Isopropyl Acetate
Concen: 46.906 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

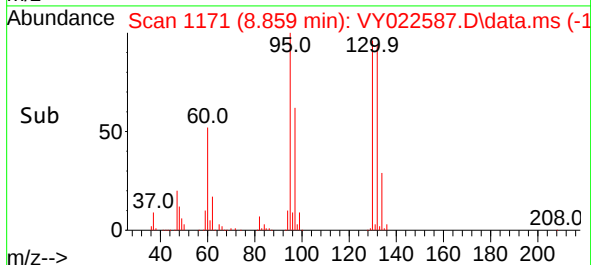
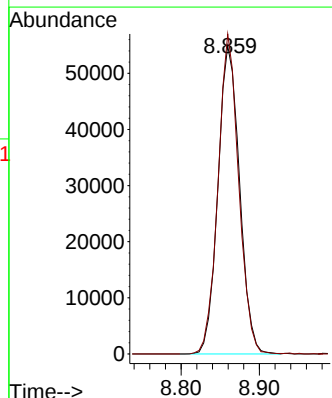
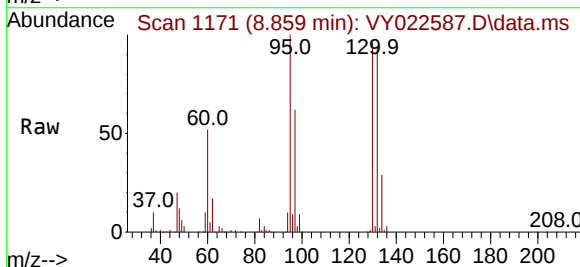
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

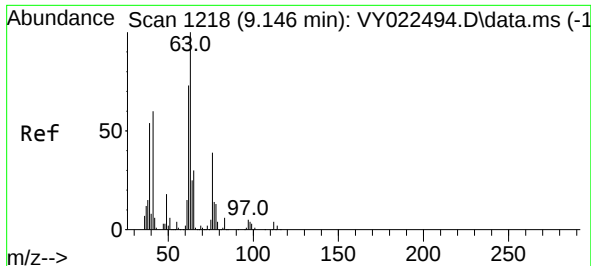
Tgt Ion: 43 Resp: 131181
Ion Ratio Lower Upper
43 100
61 18.7 15.6 23.4
87 13.6 10.2 15.4



#44
Trichloroethene
Concen: 50.197 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion:130 Resp: 105220
Ion Ratio Lower Upper
130 100
95 103.8 0.0 203.0





#45

1,2-Dichloropropane

Concen: 50.460 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

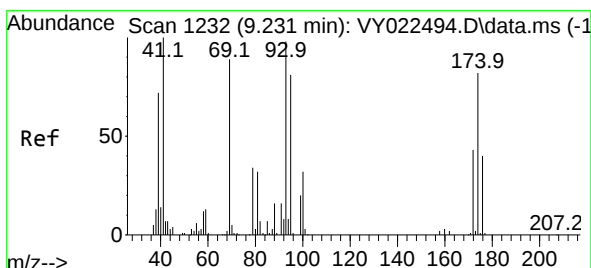
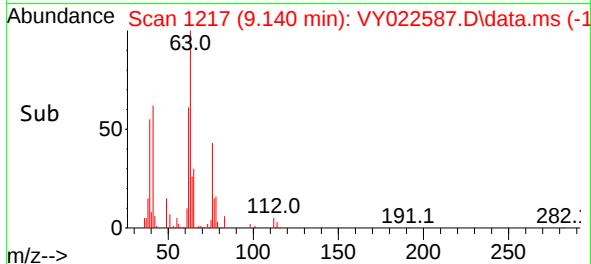
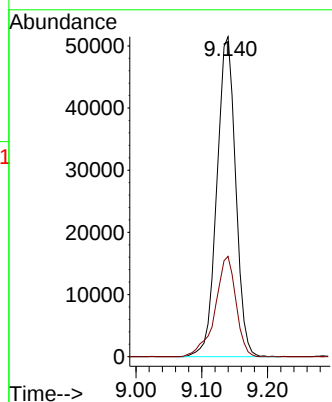
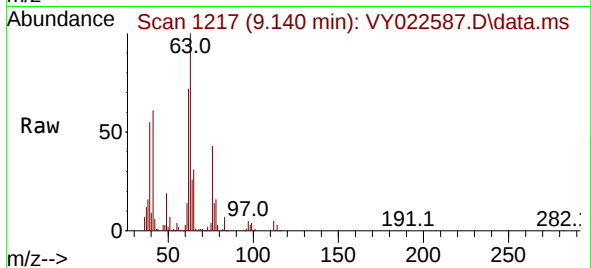
VSTDCCC050

Tgt Ion: 63 Resp: 102278

Ion Ratio Lower Upper

63 100

65 31.4 24.0 36.0



#46

Dibromomethane

Concen: 48.972 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

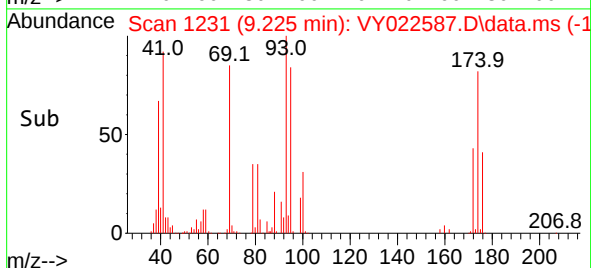
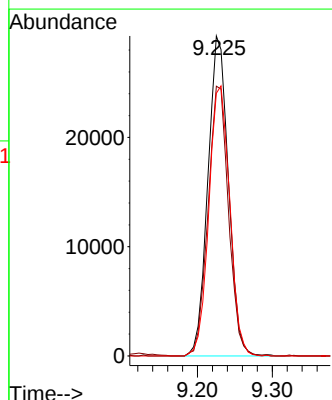
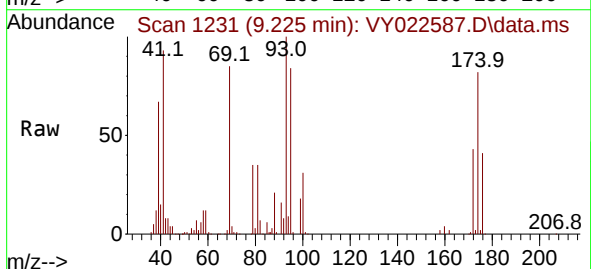
Tgt Ion: 93 Resp: 55843

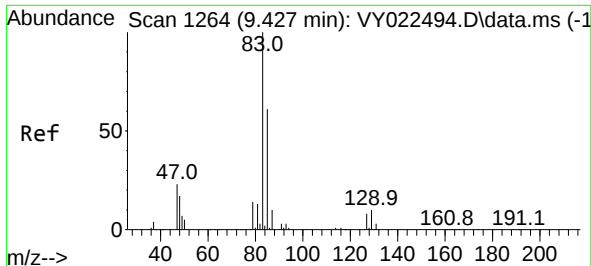
Ion Ratio Lower Upper

93 100

95 84.4 65.6 98.4

174 85.9 70.4 105.6

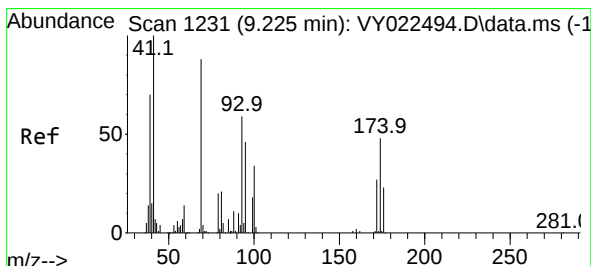
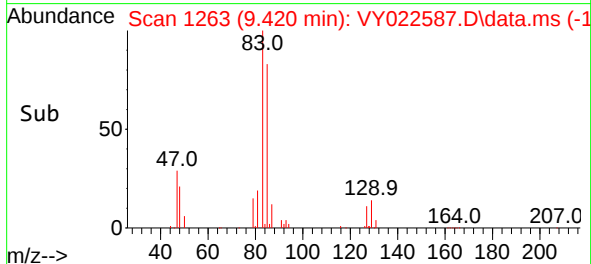
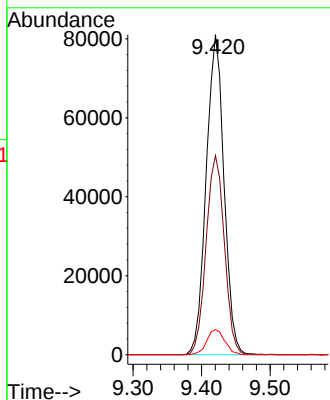
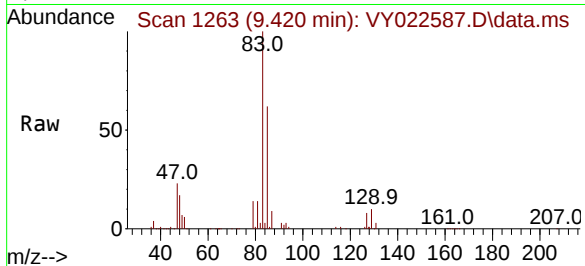




#47
Bromodichloromethane
Concen: 50.665 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

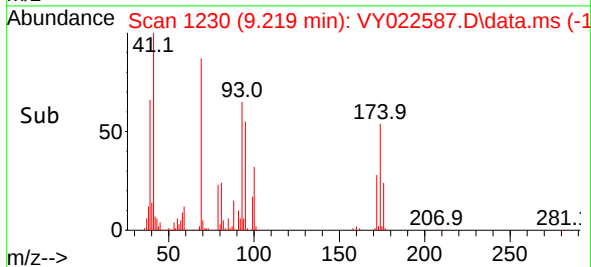
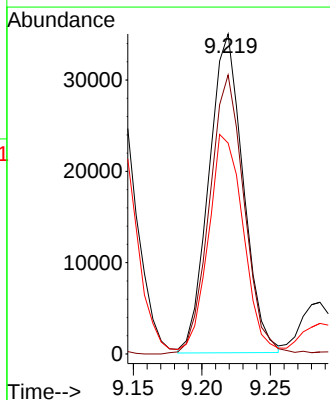
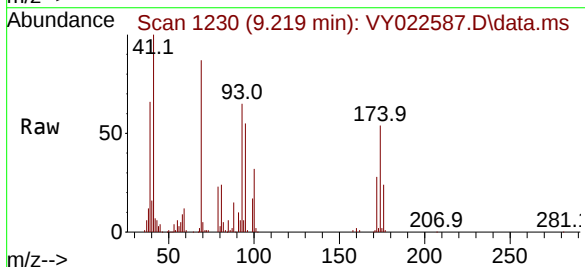
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

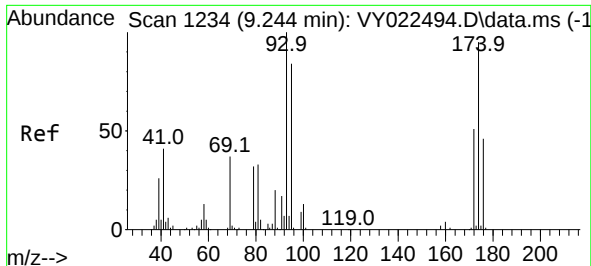
Tgt Ion: 83 Resp: 146494
Ion Ratio Lower Upper
83 100
85 62.2 49.1 73.7
127 7.9 6.2 9.4



#48
Methyl methacrylate
Concen: 46.372 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 41 Resp: 60867
Ion Ratio Lower Upper
41 100
69 88.9 67.8 101.8
39 67.3 55.0 82.4





#49

1,4-Dioxane

Concen: 1007.526 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

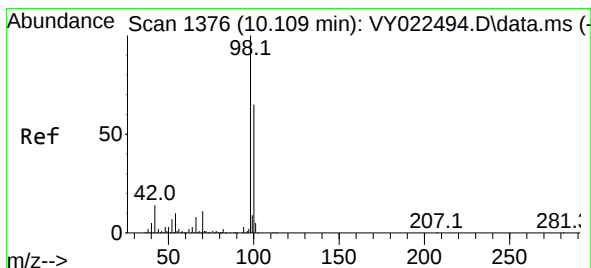
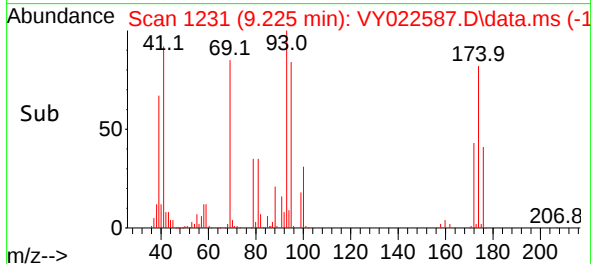
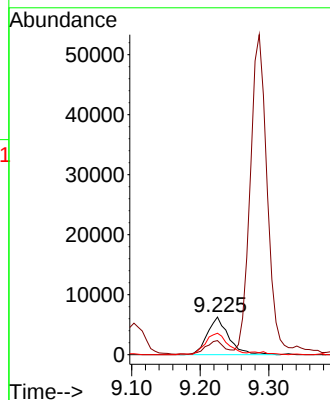
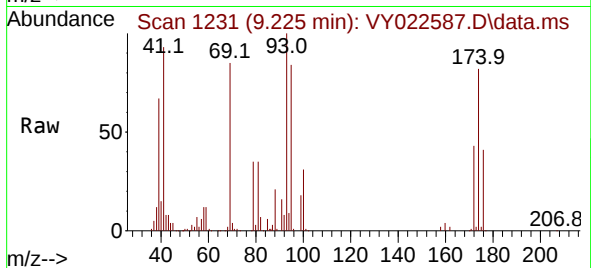
Tgt Ion: 88 Resp: 13611

Ion Ratio Lower Upper

88 100

43 32.2 25.4 38.2

58 60.6 54.9 82.3



#50

Toluene-d8

Concen: 51.989 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022587.D

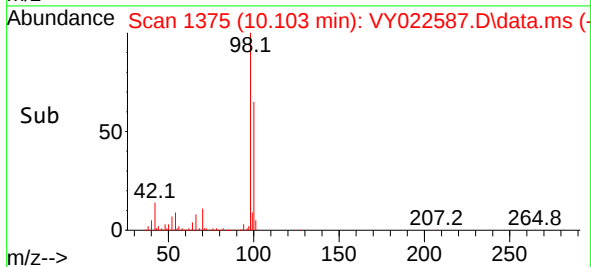
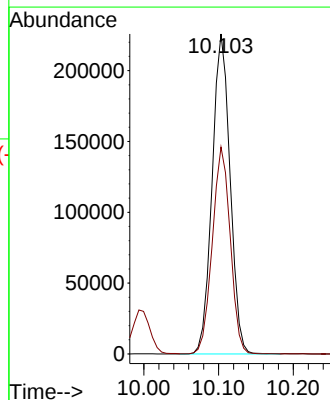
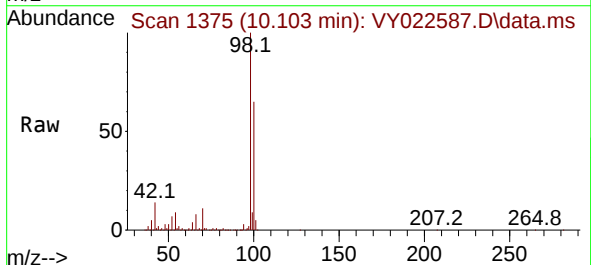
Acq: 06 Jun 2025 09:33

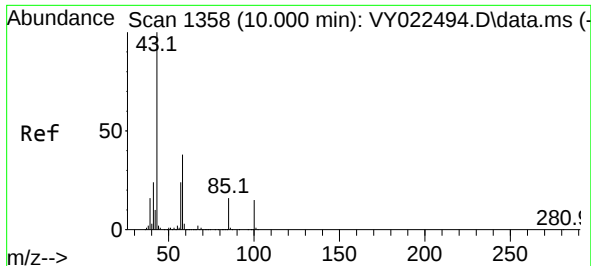
Tgt Ion: 98 Resp: 375837

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

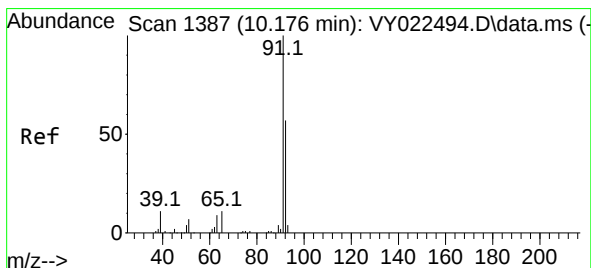
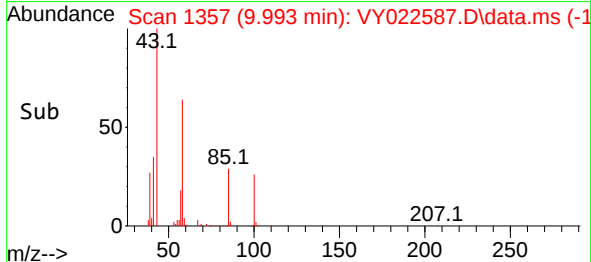
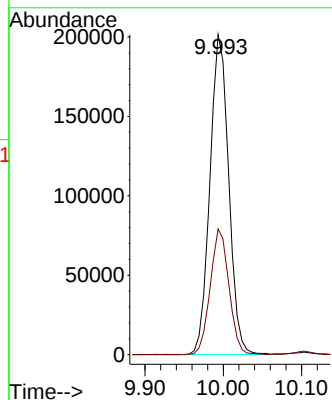
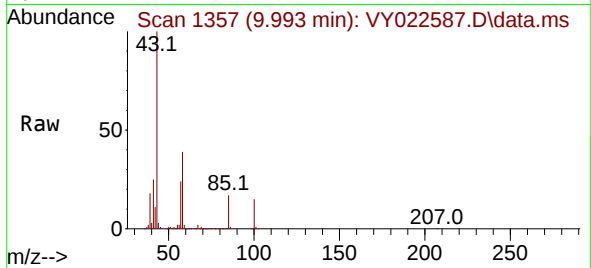




#51
4-Methyl-2-Pentanone
Concen: 240.796 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

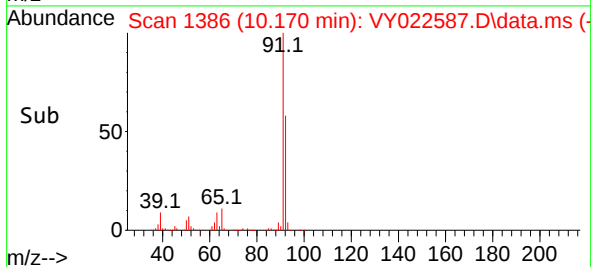
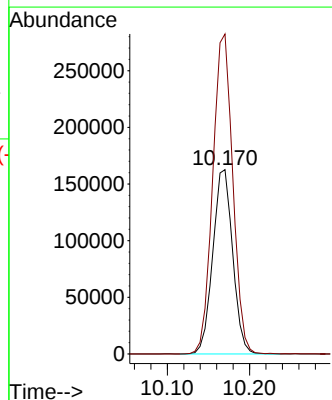
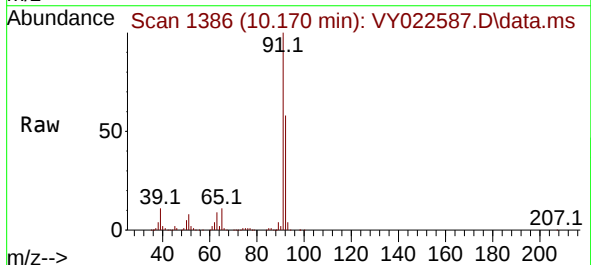
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

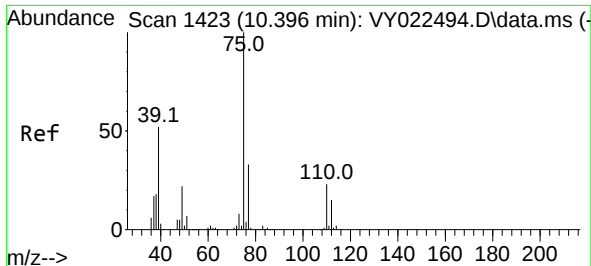
Tgt Ion: 43 Resp: 335752
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6



#52
Toluene
Concen: 50.665 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 92 Resp: 273072
Ion Ratio Lower Upper
92 100
91 175.2 139.0 208.4

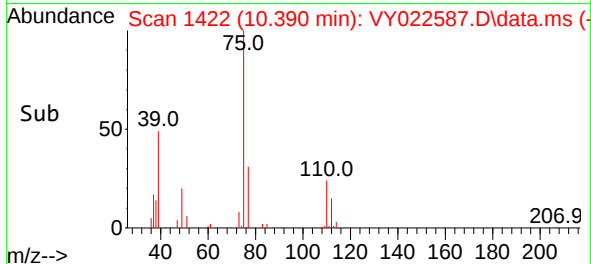
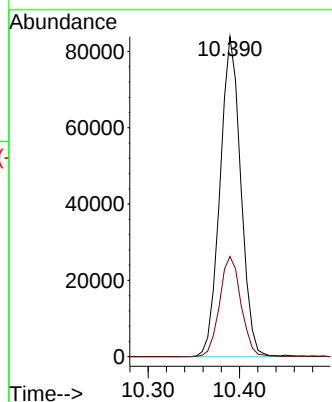
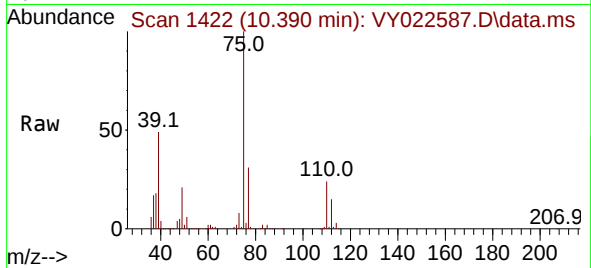




#53
t-1,3-Dichloropropene
Concen: 48.929 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

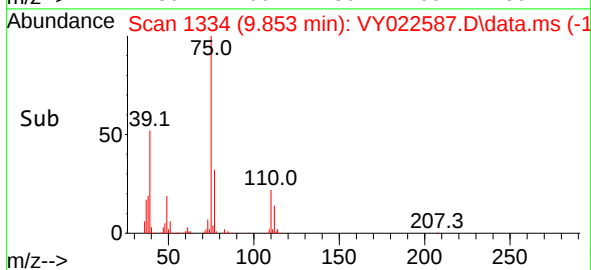
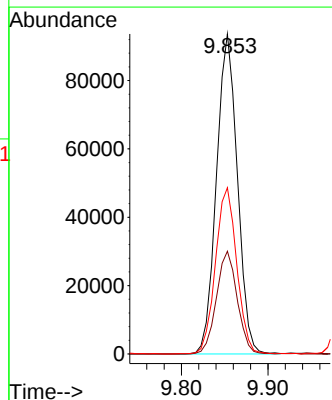
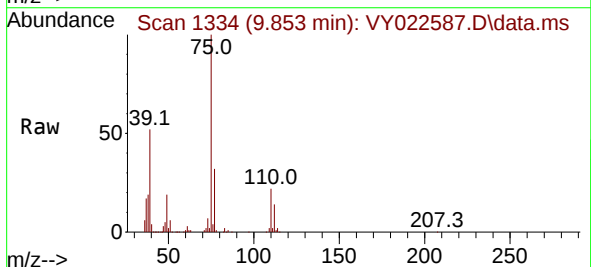
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

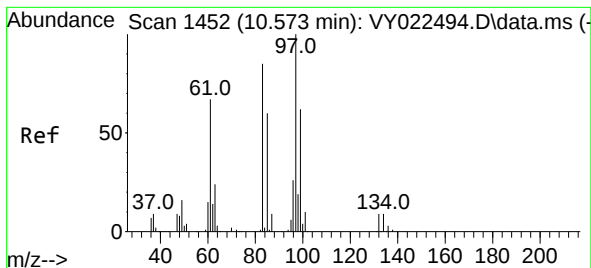
Tgt Ion: 75 Resp: 132557
Ion Ratio Lower Upper
75 100
77 31.3 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 49.796 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 75 Resp: 157040
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
39 51.8 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 49.560 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 72063

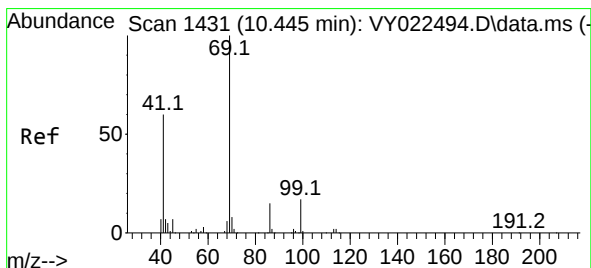
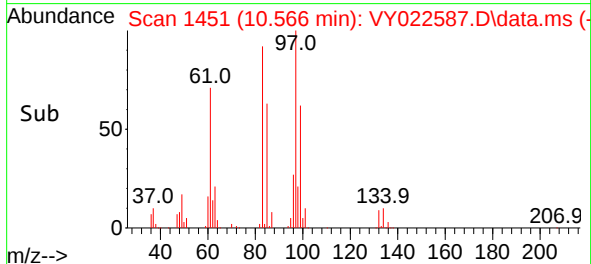
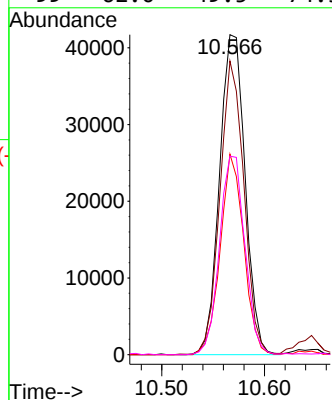
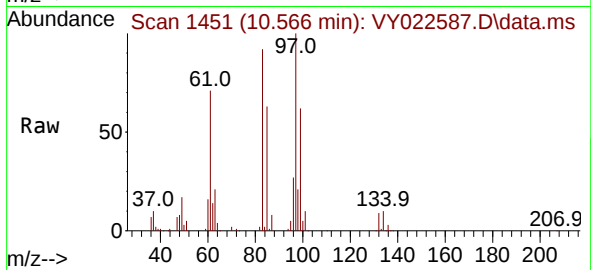
Ion Ratio Lower Upper

97 100

83 91.6 68.1 102.1

85 62.7 48.2 72.2

99 62.0 49.5 74.3



#56

Ethyl methacrylate

Concen: 47.897 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

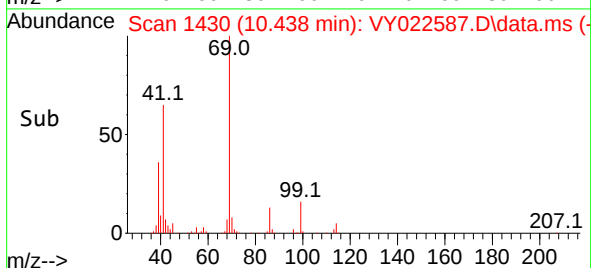
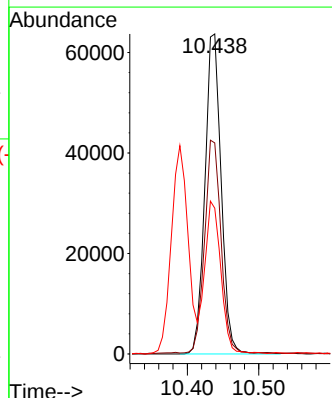
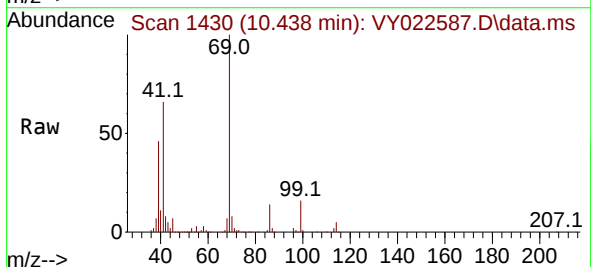
Tgt Ion: 69 Resp: 100659

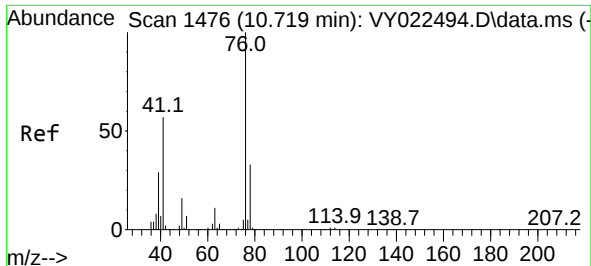
Ion Ratio Lower Upper

69 100

41 66.9 52.2 78.2

39 46.8 36.7 55.1





#57

1,3-Dichloropropane

Concen: 48.777 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

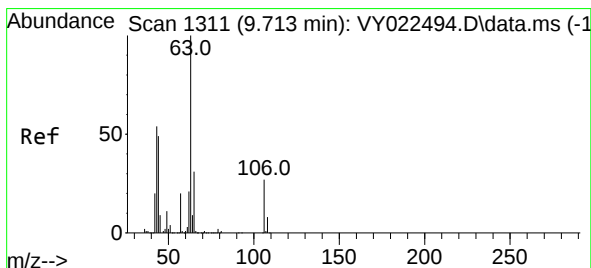
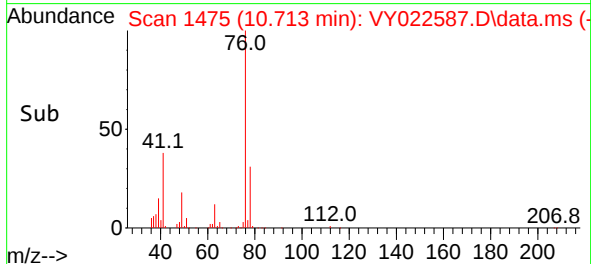
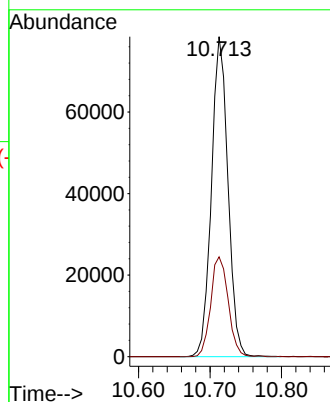
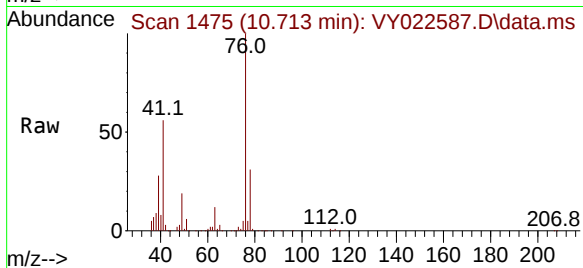
VSTDCCC050

Tgt Ion: 76 Resp: 125707

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 271.400 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022587.D

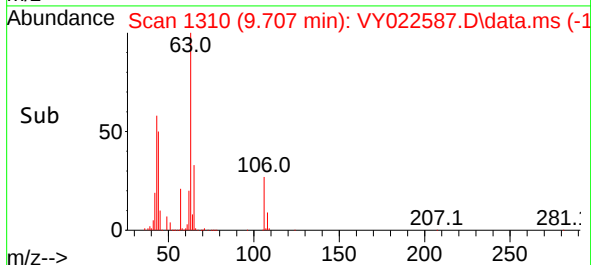
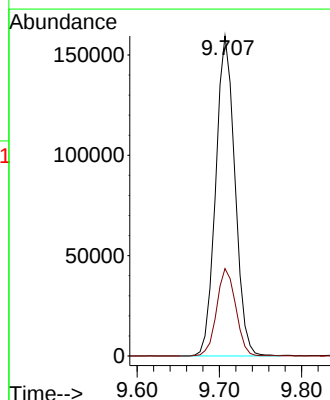
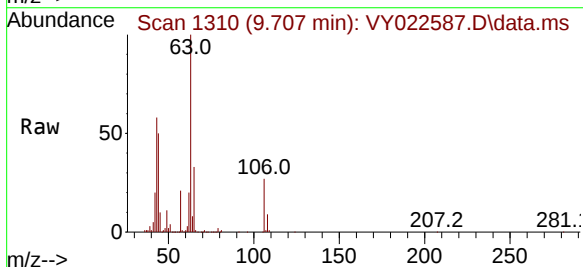
Acq: 06 Jun 2025 09:33

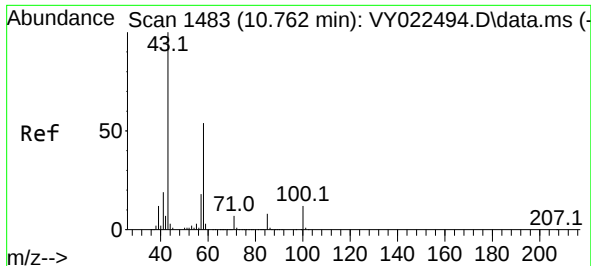
Tgt Ion: 63 Resp: 258959

Ion Ratio Lower Upper

63 100

106 27.2 21.6 32.4

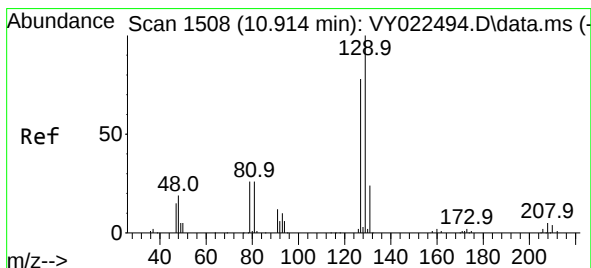
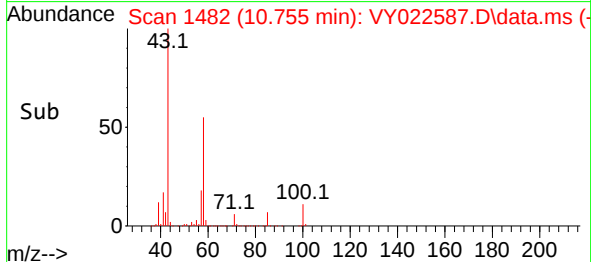
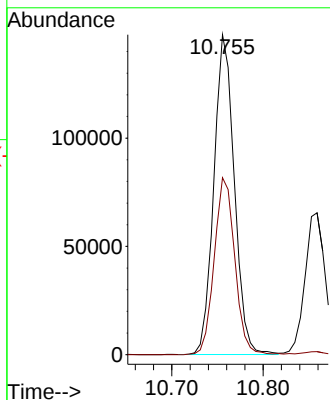
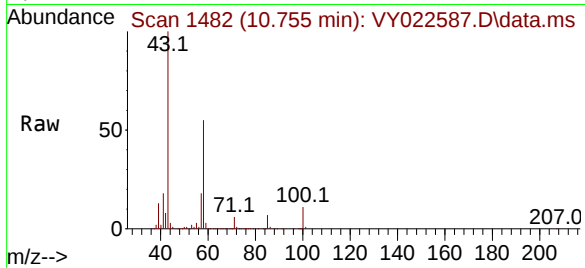




#59
2-Hexanone
Concen: 246.524 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

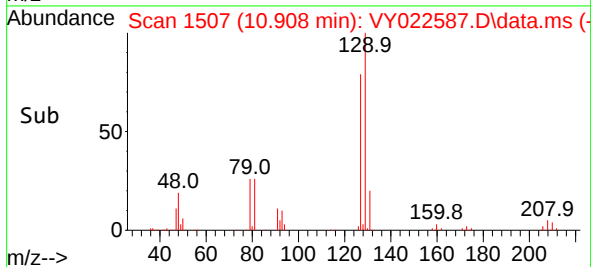
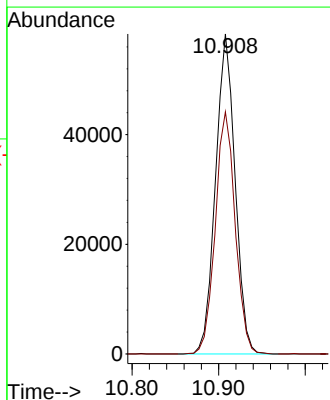
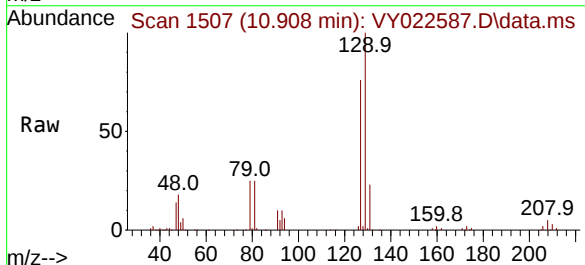
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

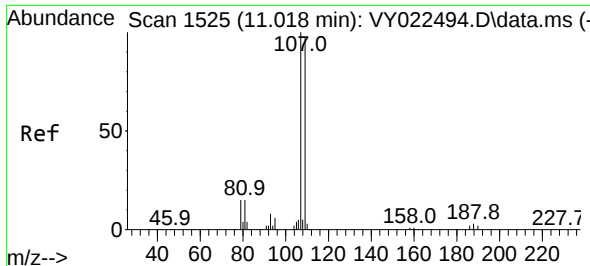
Tgt Ion: 43 Resp: 229890
Ion Ratio Lower Upper
43 100
58 55.7 27.3 81.8



#60
Dibromochloromethane
Concen: 49.547 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 129 Resp: 91555
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2

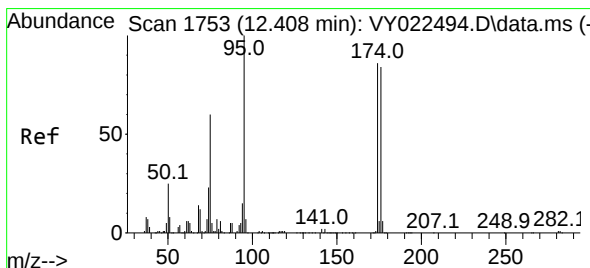
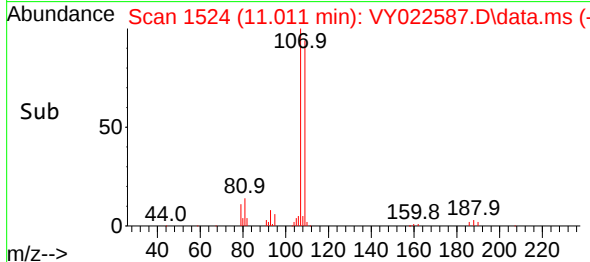
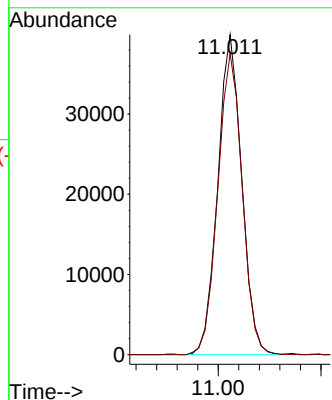
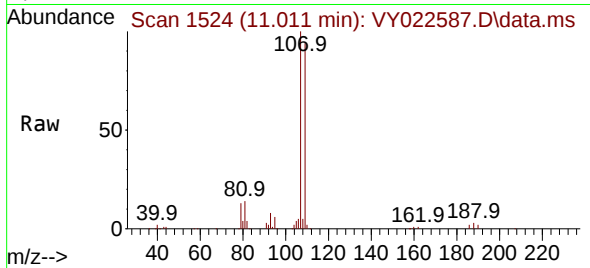




#61
1,2-Dibromoethane
Concen: 48.525 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

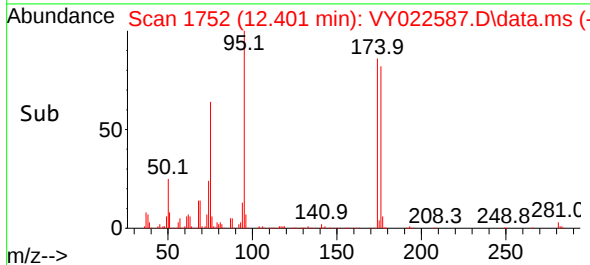
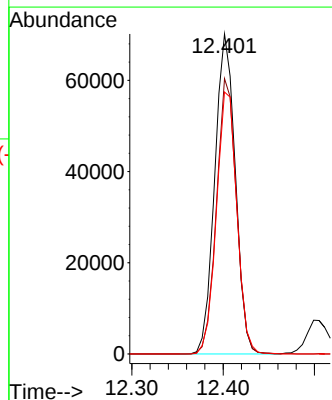
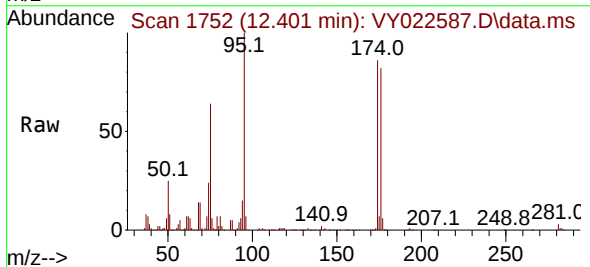
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

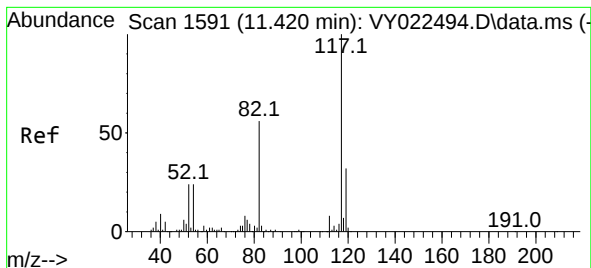
Tgt Ion:107 Resp: 64309
Ion Ratio Lower Upper
107 100
109 96.0 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 50.936 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 95 Resp: 109712
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.0
176 81.4 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: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

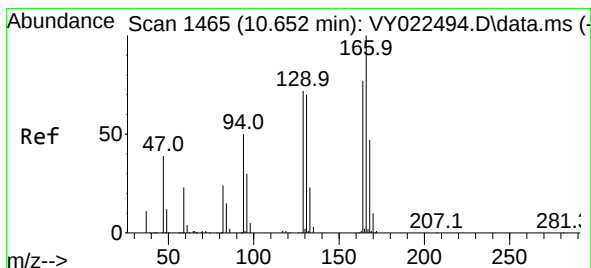
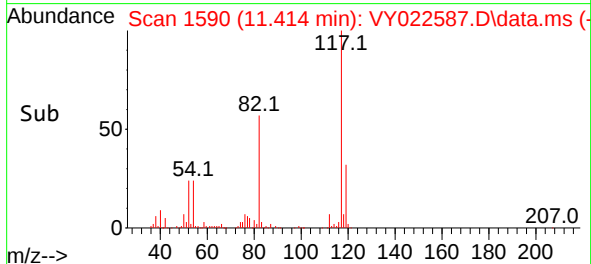
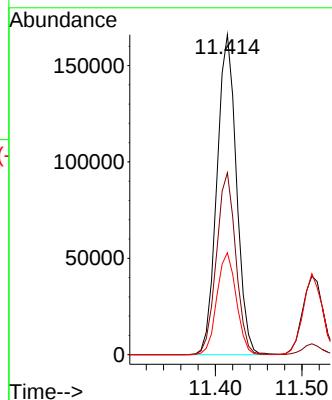
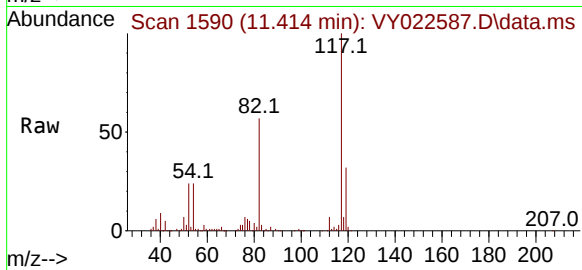
Tgt Ion:117 Resp: 260160

Ion Ratio Lower Upper

117 100

82 56.9 44.6 66.8

119 31.8 25.4 38.0



#64

Tetrachloroethene

Concen: 50.742 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Tgt Ion:164 Resp: 113558

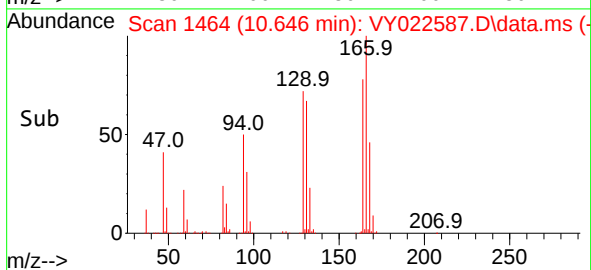
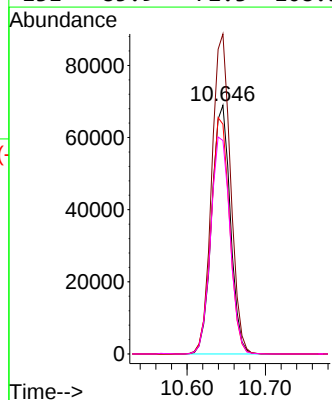
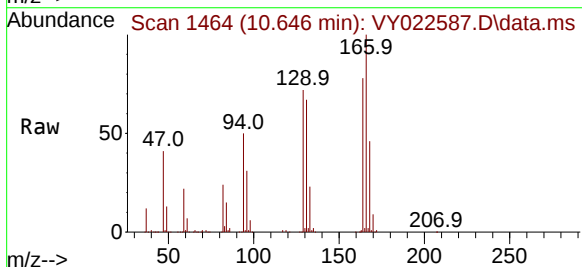
Ion Ratio Lower Upper

164 100

166 128.7 104.0 156.0

129 92.4 74.5 111.7

131 85.9 72.3 108.5

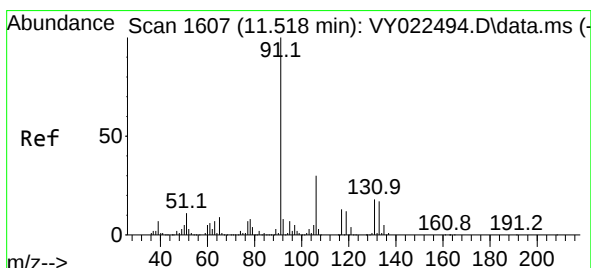
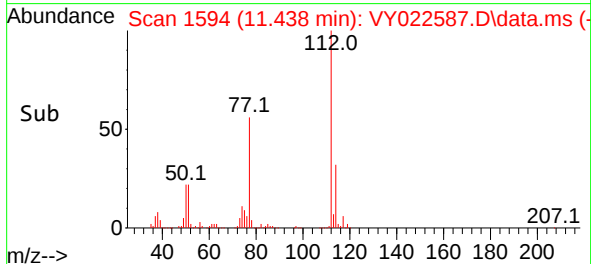
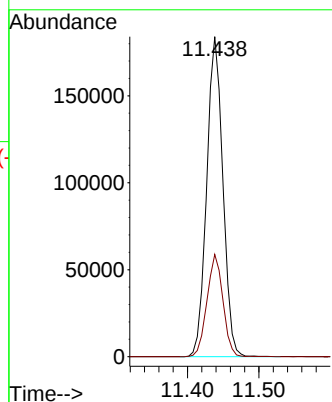
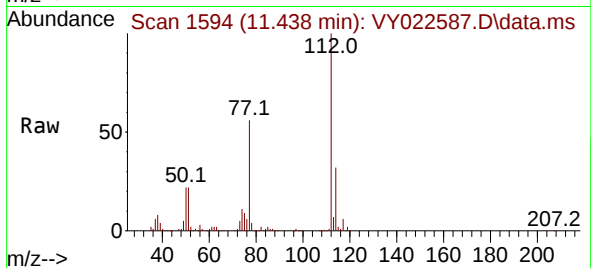




#65
Chlorobenzene
Concen: 50.152 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

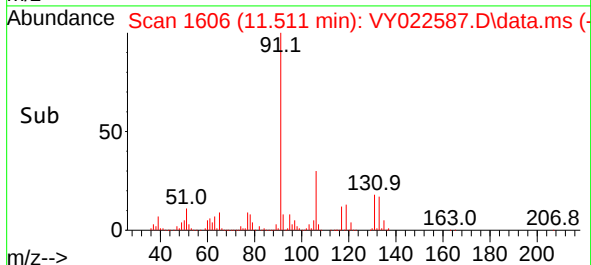
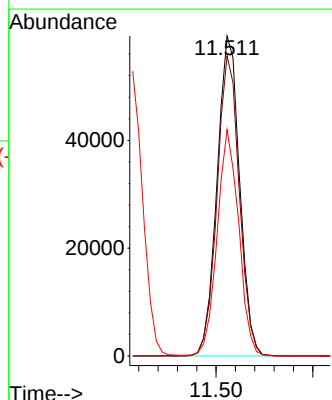
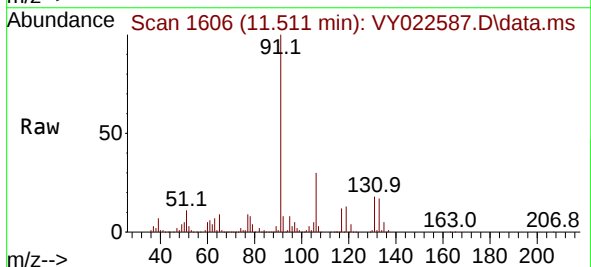
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

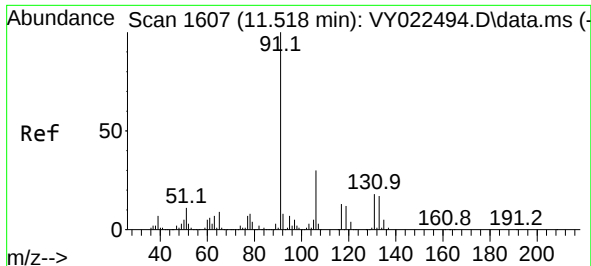
Tgt Ion:112 Resp: 288727
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.431 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion:131 Resp: 95865
Ion Ratio Lower Upper
131 100
133 92.6 47.3 141.8
119 67.6 33.1 99.3





#67

Ethyl Benzene

Concen: 49.931 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

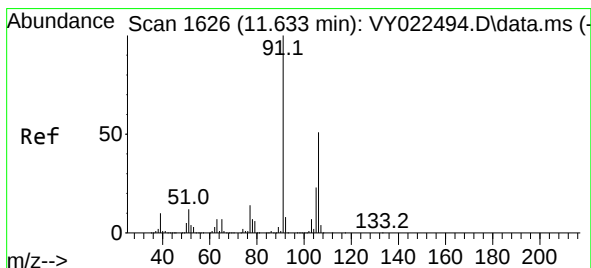
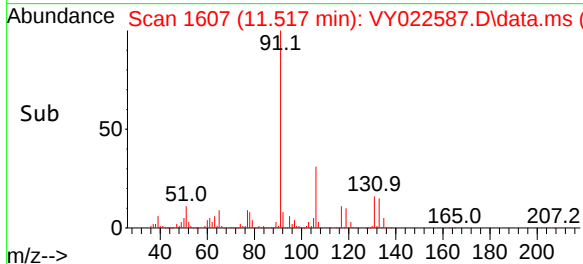
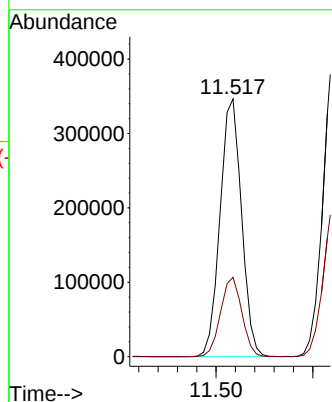
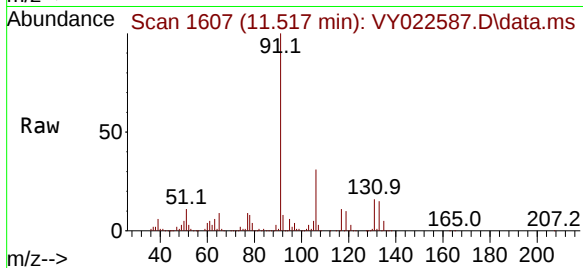
VSTDCCC050

Tgt Ion: 91 Resp: 533163

Ion Ratio Lower Upper

91 100

106 30.8 24.2 36.4



#68

m/p-Xylenes

Concen: 100.362 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022587.D

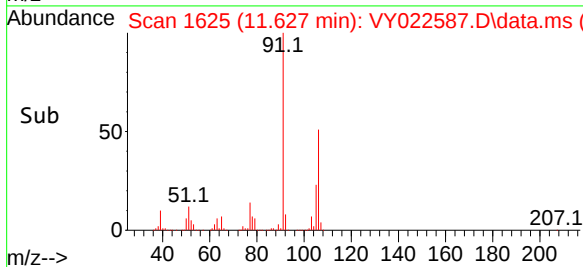
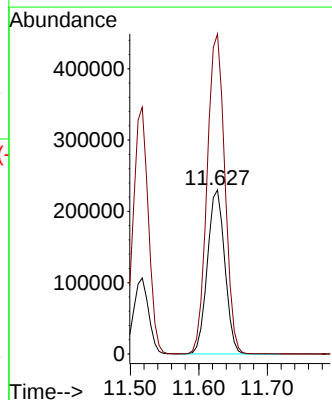
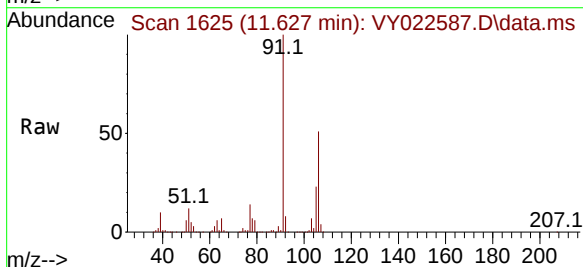
Acq: 06 Jun 2025 09:33

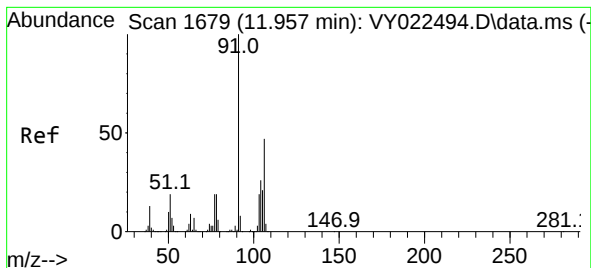
Tgt Ion:106 Resp: 406258

Ion Ratio Lower Upper

106 100

91 198.1 159.4 239.0

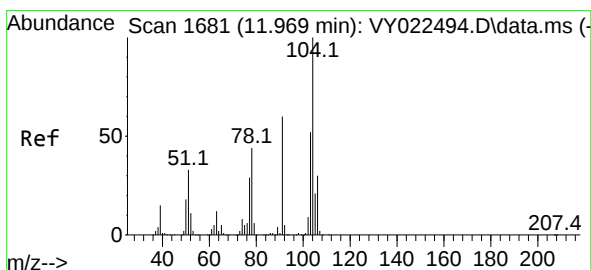
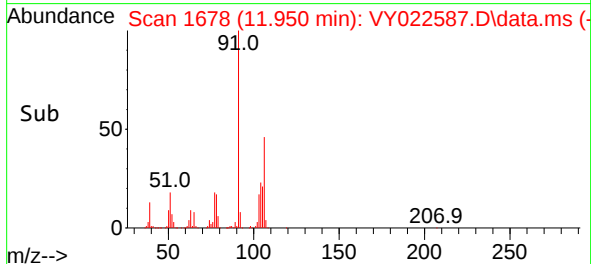
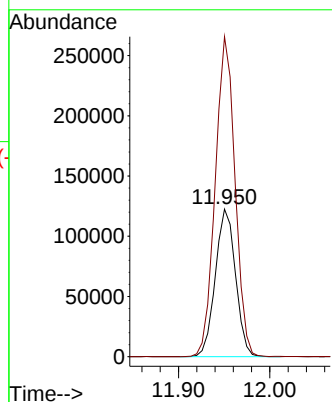
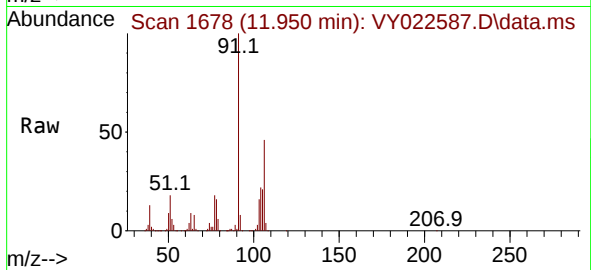




#69
o-Xylene
Concen: 49.539 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

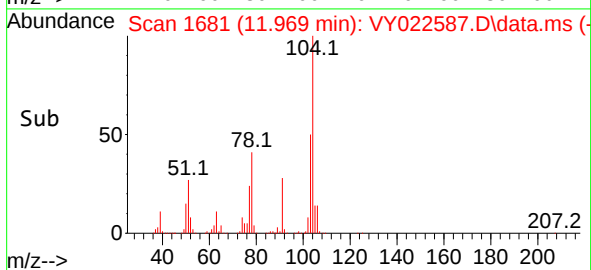
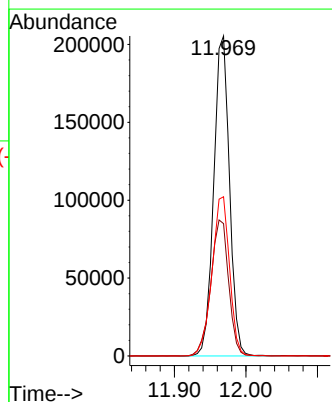
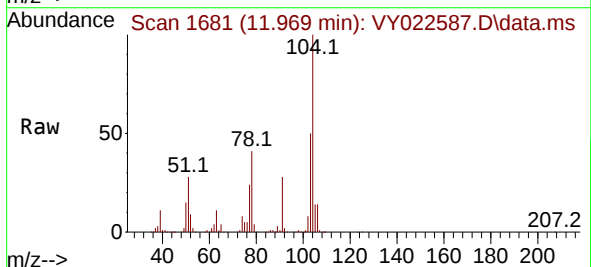
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

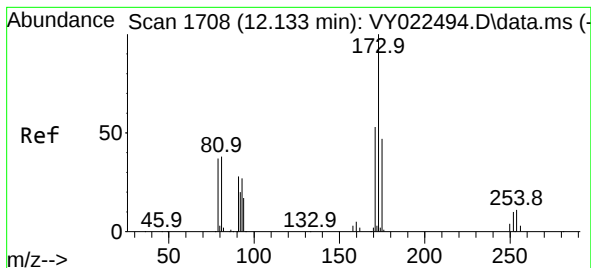
Tgt Ion:106 Resp: 188009
Ion Ratio Lower Upper
106 100
91 213.0 105.8 317.3



#70
Styrene
Concen: 50.116 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion:104 Resp: 314400
Ion Ratio Lower Upper
104 100
78 48.2 39.5 59.3
103 55.5 44.1 66.1





#71

Bromoform

Concen: 46.851 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

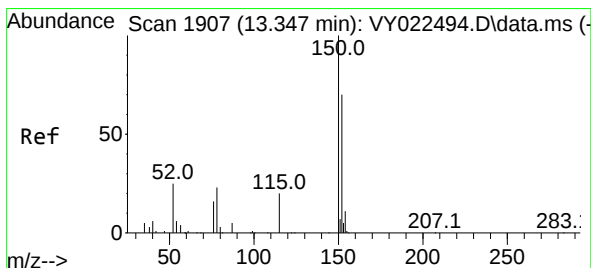
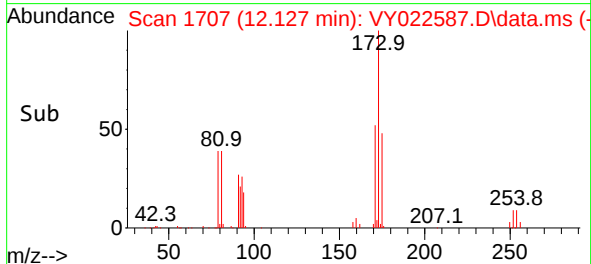
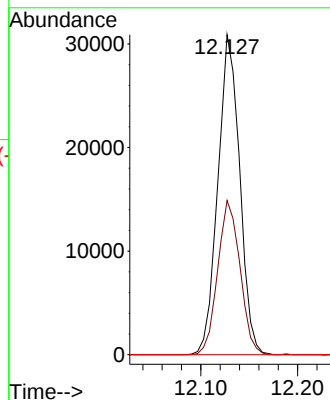
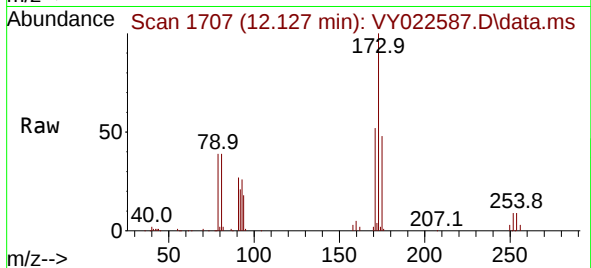
Tgt Ion:173 Resp: 48352

Ion Ratio Lower Upper

173 100

175 49.1 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

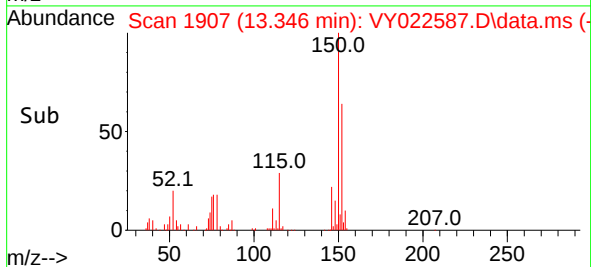
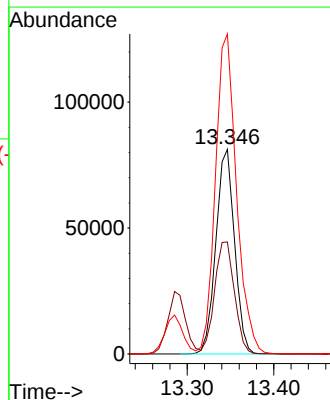
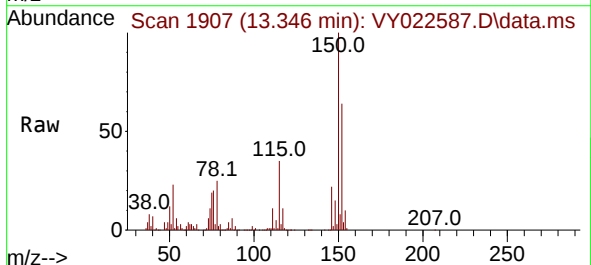
Tgt Ion:152 Resp: 121785

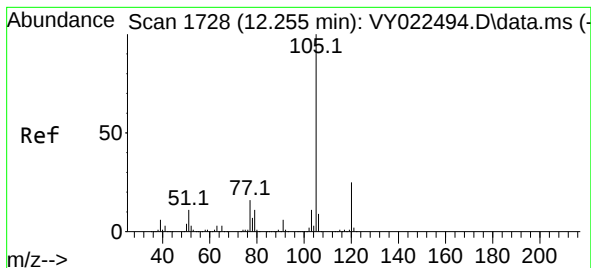
Ion Ratio Lower Upper

152 100

115 58.0 28.9 86.7

150 176.2 0.0 349.6





#73

Isopropylbenzene

Concen: 49.901 ug/l

RT: 12.249 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

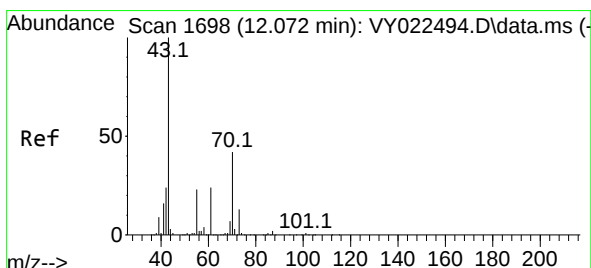
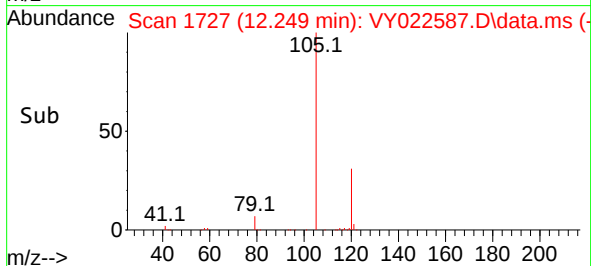
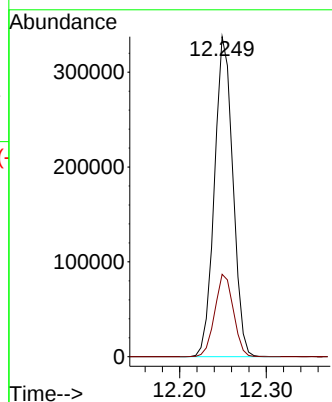
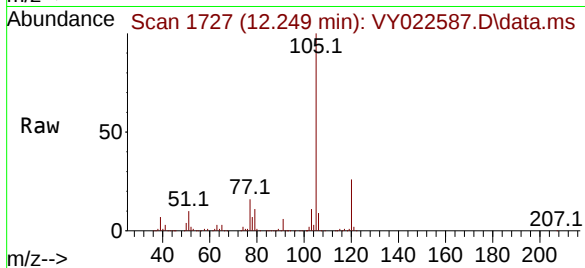
VSTDCCC050

Tgt Ion:105 Resp: 498939

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#74

N-ethyl acetate

Concen: 46.452 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Tgt Ion: 43 Resp: 117191

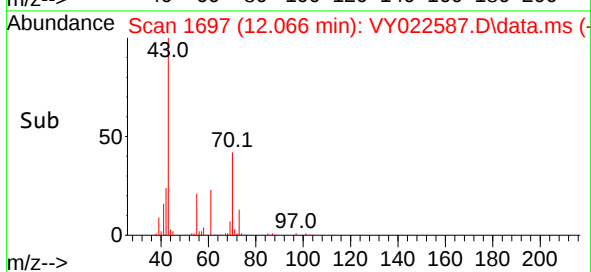
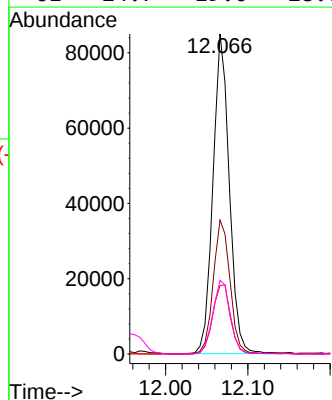
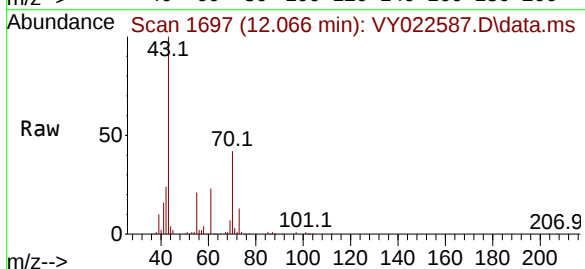
Ion Ratio Lower Upper

43 100

70 42.9 34.2 51.2

55 23.7 18.2 27.4

61 24.7 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 46.380 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

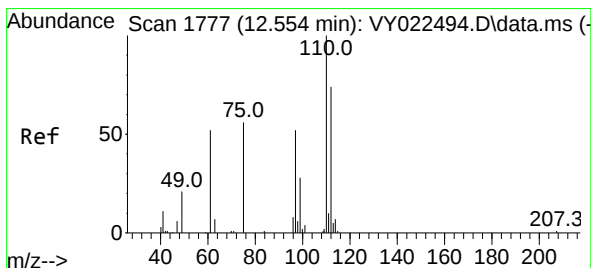
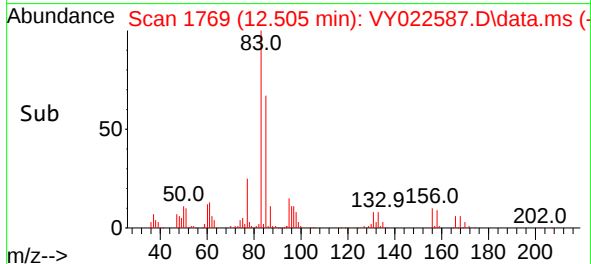
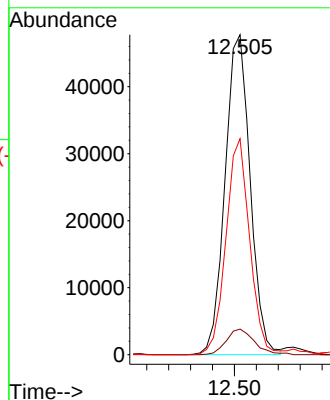
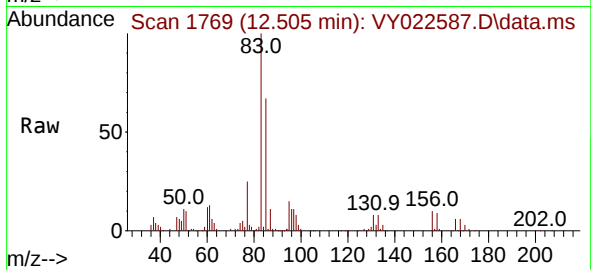
Tgt Ion: 83 Resp: 76110

Ion Ratio Lower Upper

83 100

131 8.9 4.9 14.7

85 63.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 78.167 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY022587.D

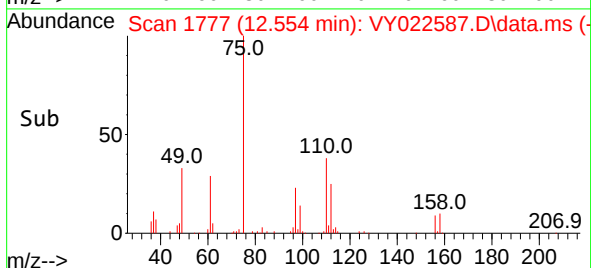
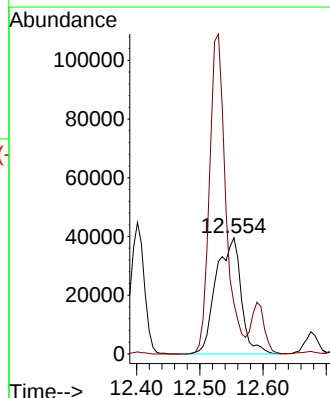
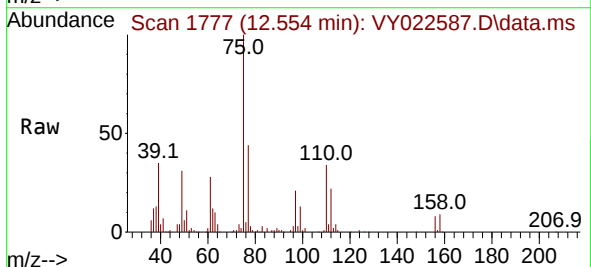
Acq: 06 Jun 2025 09:33

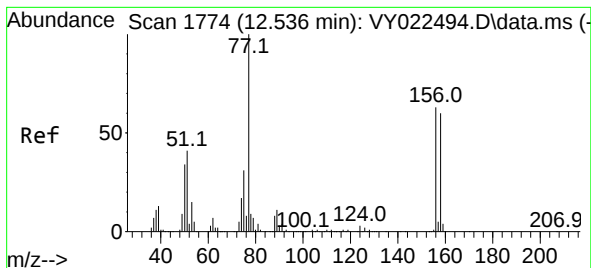
Tgt Ion: 75 Resp: 108908

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.506 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

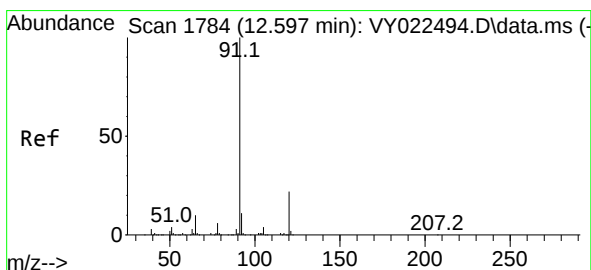
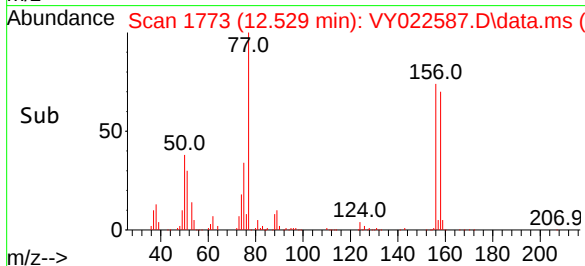
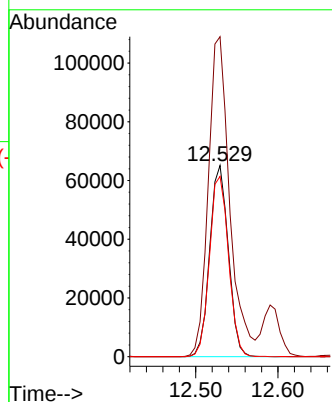
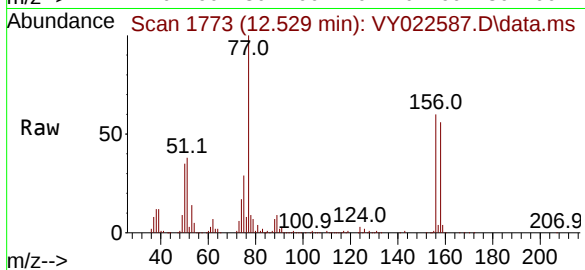
Tgt Ion:156 Resp: 102345

Ion Ratio Lower Upper

156 100

77 192.1 94.0 282.1

158 96.6 48.2 144.6



#78

n-propylbenzene

Concen: 50.609 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022587.D

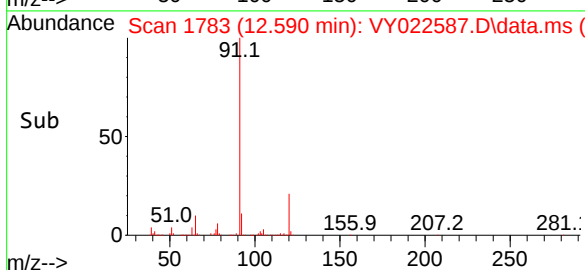
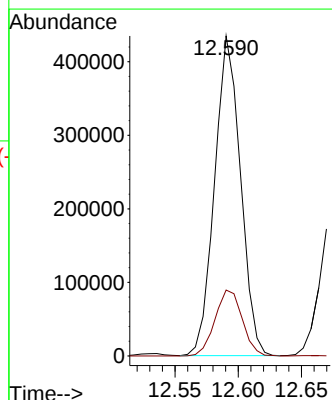
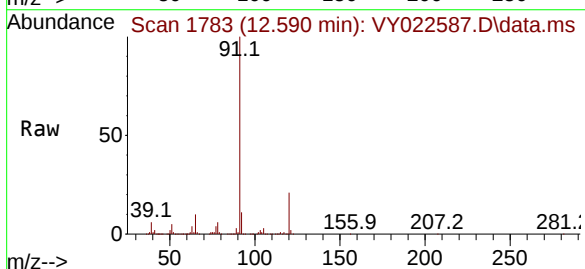
Acq: 06 Jun 2025 09:33

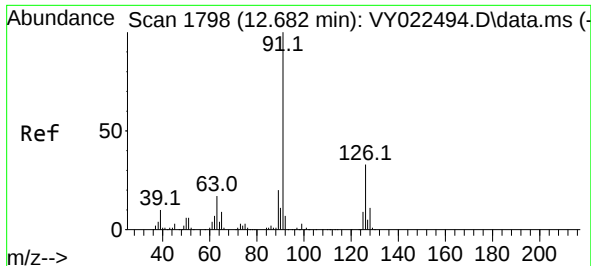
Tgt Ion: 91 Resp: 618049

Ion Ratio Lower Upper

91 100

120 21.7 10.8 32.4

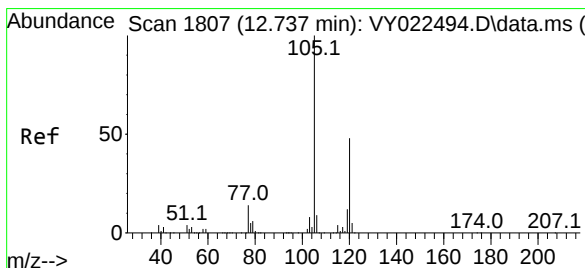
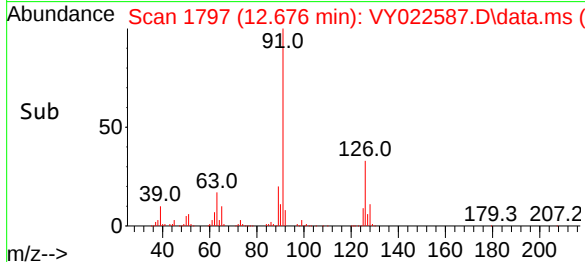
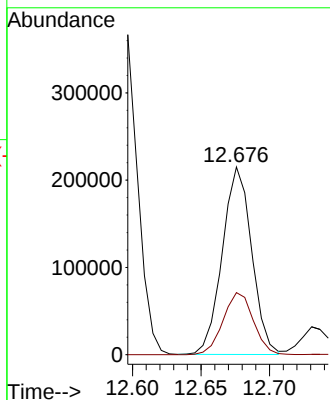
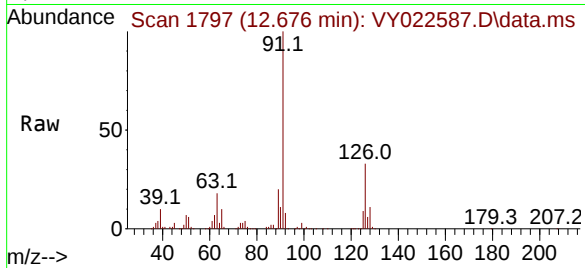




#79
2-Chlorotoluene
Concen: 49.561 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

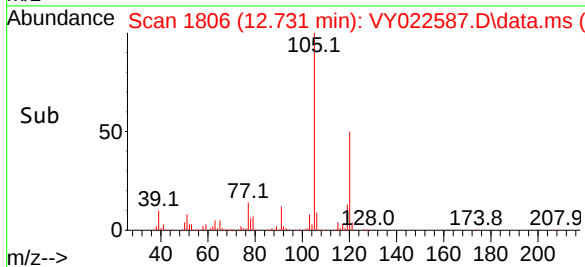
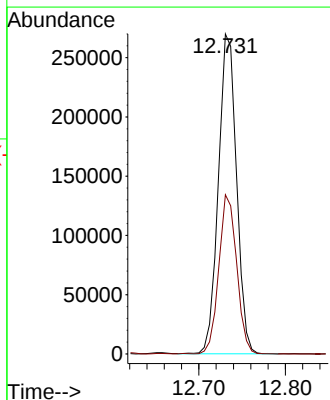
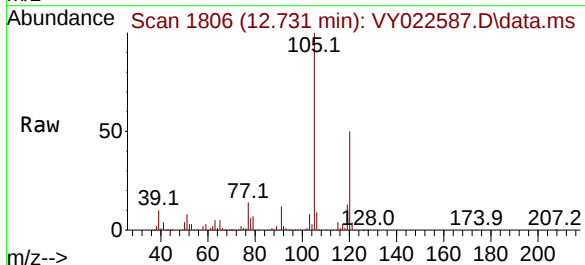
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

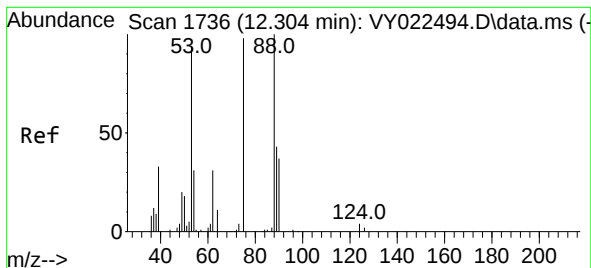
Tgt Ion: 91 Resp: 320782
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 50.034 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 105 Resp: 392754
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.4

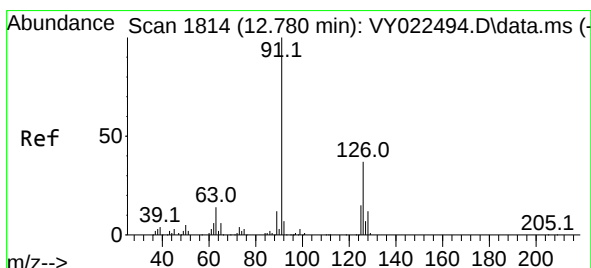
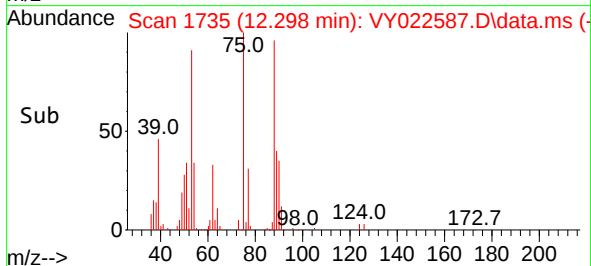
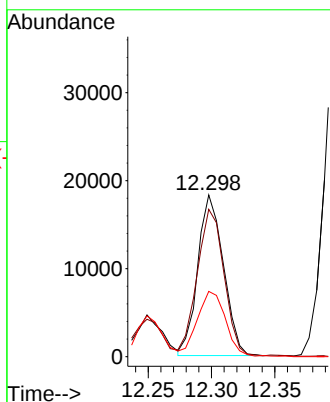
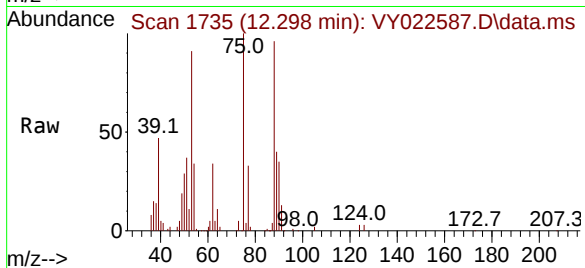




#81
trans-1,4-Dichloro-2-butene
Concen: 44.792 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

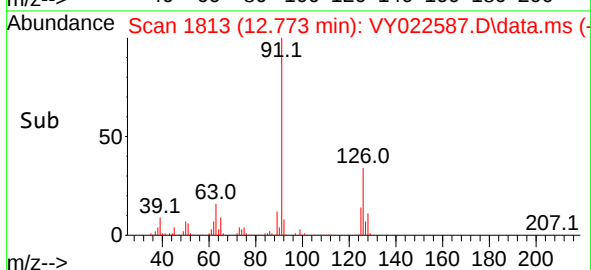
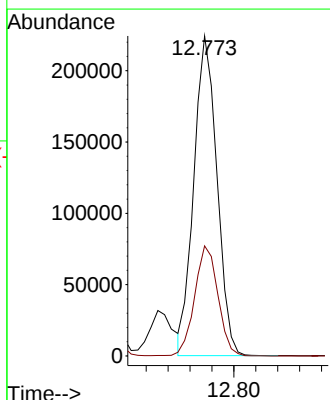
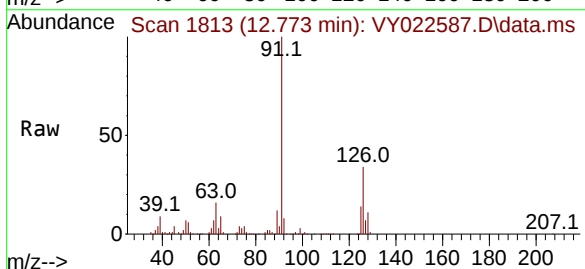
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

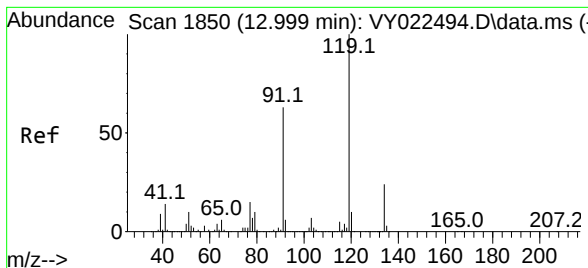
Tgt Ion: 75 Resp: 25842
Ion Ratio Lower Upper
75 100
53 95.2 78.5 117.7
89 45.1 35.7 53.5



#82
4-Chlorotoluene
Concen: 49.210 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion: 91 Resp: 328579
Ion Ratio Lower Upper
91 100
126 34.8 17.0 50.9

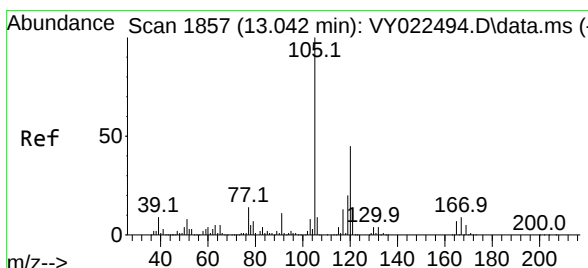
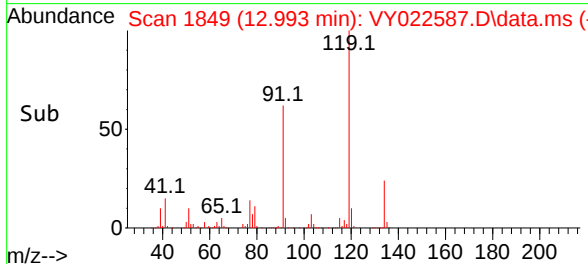
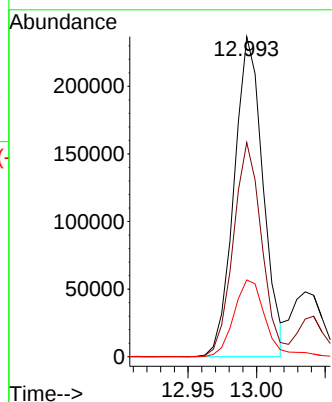
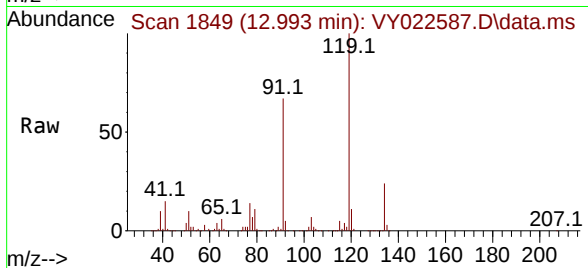




#83
 tert-Butylbenzene
 Concen: 49.331 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VY022587.D
 Acq: 06 Jun 2025 09:33

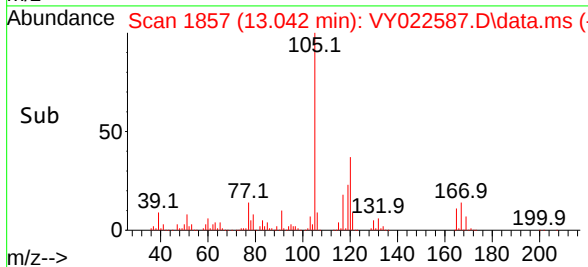
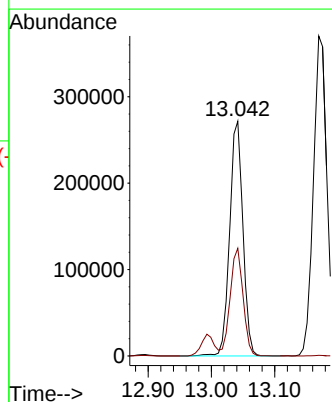
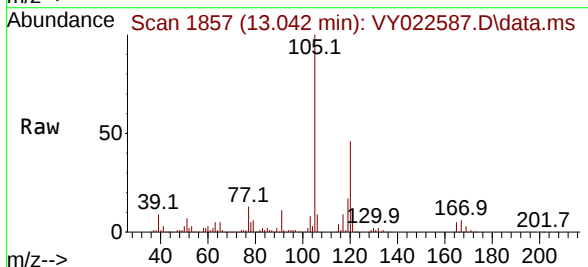
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

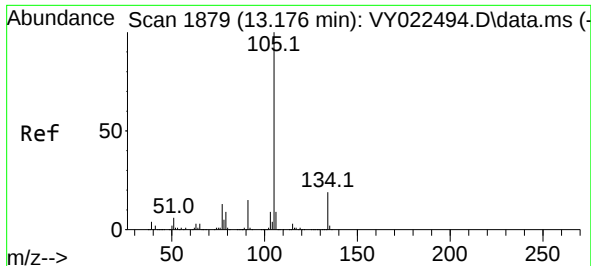
Tgt Ion:119 Resp: 347548
 Ion Ratio Lower Upper
 119 100
 91 66.2 32.1 96.3
 134 26.2 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.239 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022587.D
 Acq: 06 Jun 2025 09:33

Tgt Ion:105 Resp: 394429
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.7 68.1

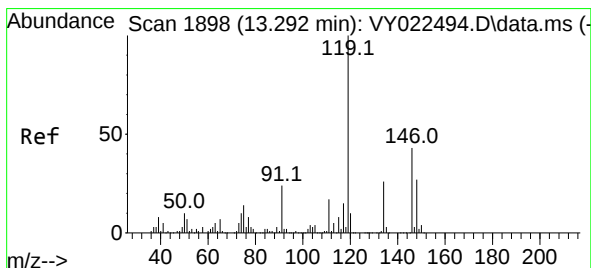
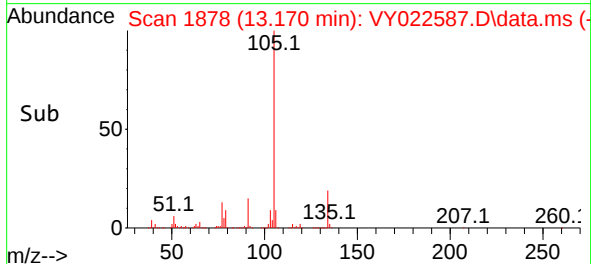
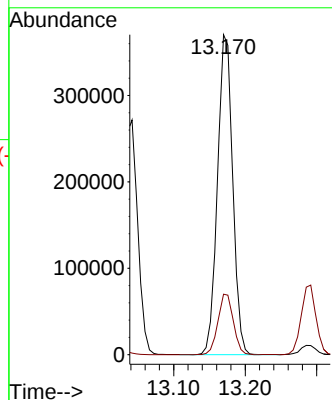
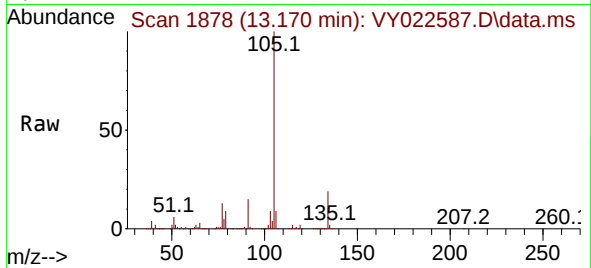




#85
 sec-Butylbenzene
 Concen: 50.704 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.006 min
 Lab File: VY022587.D
 Acq: 06 Jun 2025 09:33

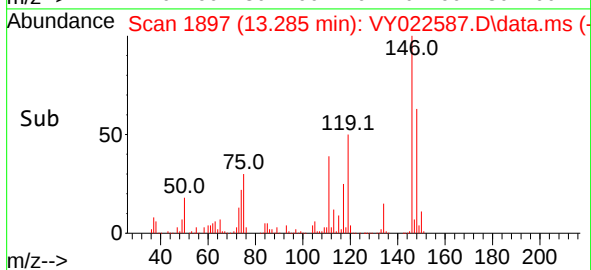
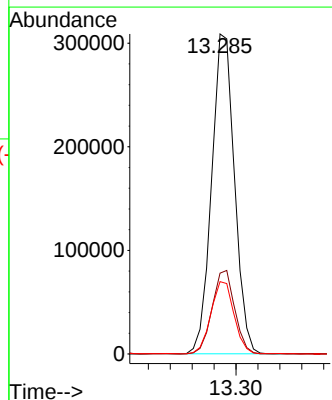
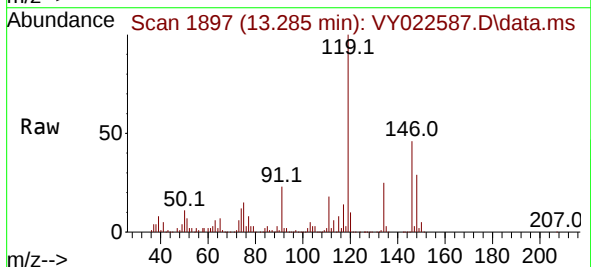
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 547107
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 50.362 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022587.D
 Acq: 06 Jun 2025 09:33

Tgt Ion:119 Resp: 447923
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 22.8 11.6 34.8

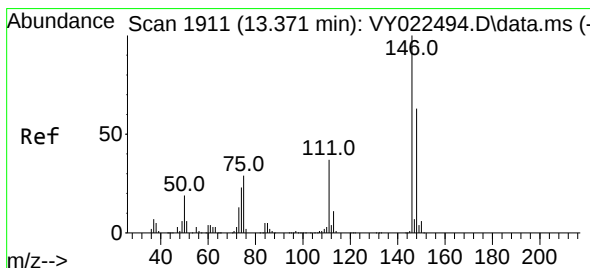
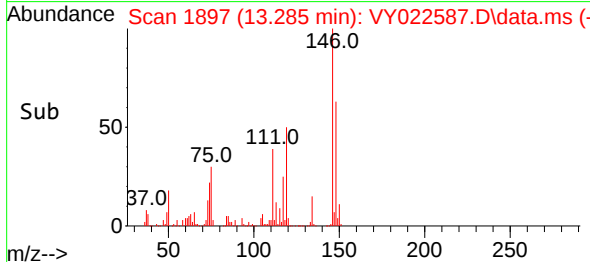
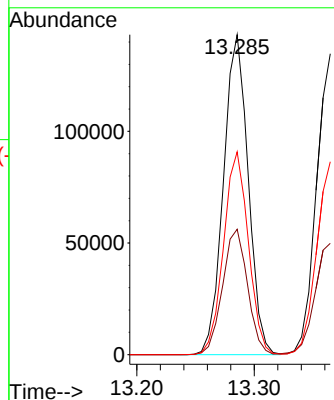
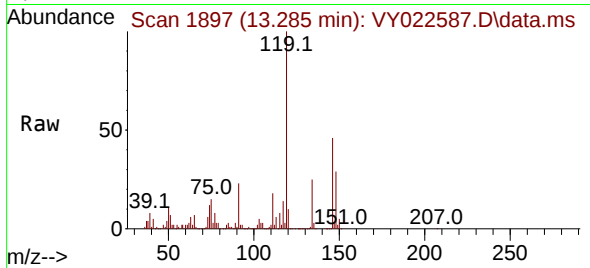




#87
1,3-Dichlorobenzene
Concen: 48.987 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

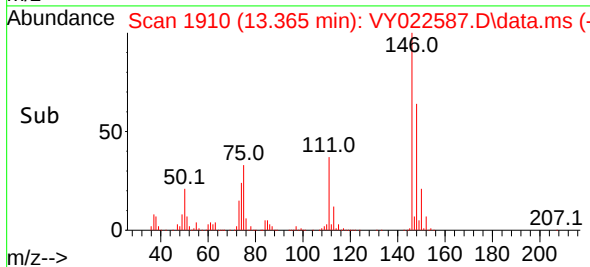
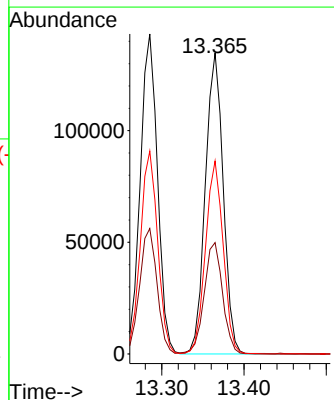
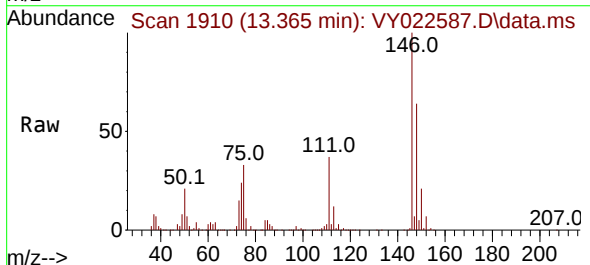
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

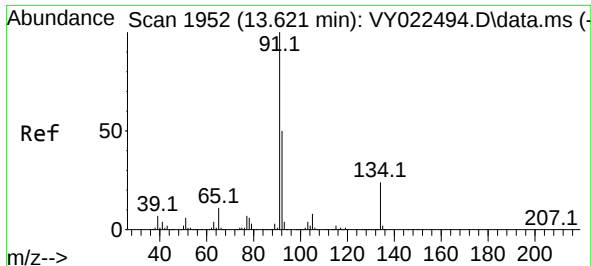
Tgt Ion:146 Resp: 209415
Ion Ratio Lower Upper
146 100
111 39.7 20.1 60.2
148 63.7 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 49.112 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022587.D
Acq: 06 Jun 2025 09:33

Tgt Ion:146 Resp: 203634
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.2
148 63.6 31.6 94.8





#89

n-Butylbenzene

Concen: 51.514 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

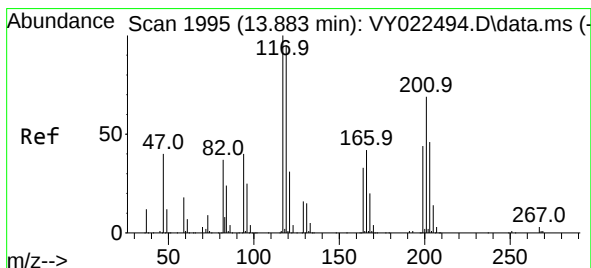
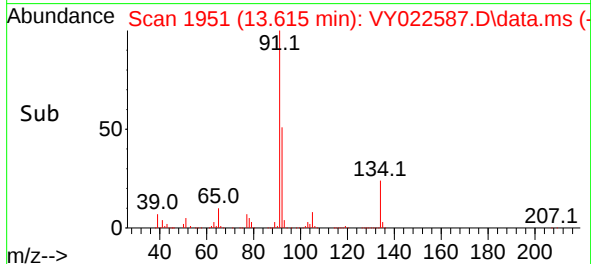
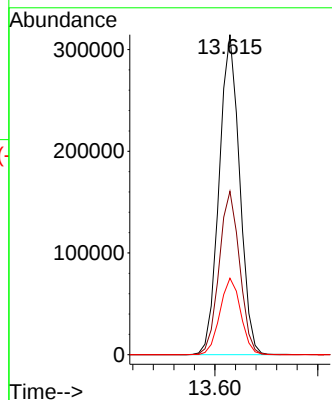
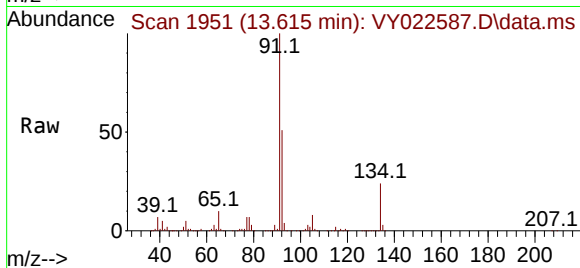
Tgt Ion: 91 Resp: 434689

Ion Ratio Lower Upper

91 100

92 51.2 25.9 77.8

134 24.3 12.0 36.1



#90

Hexachloroethane

Concen: 50.315 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022587.D

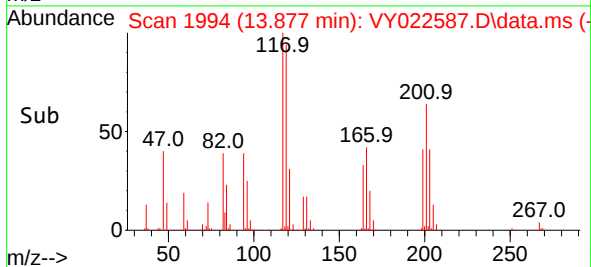
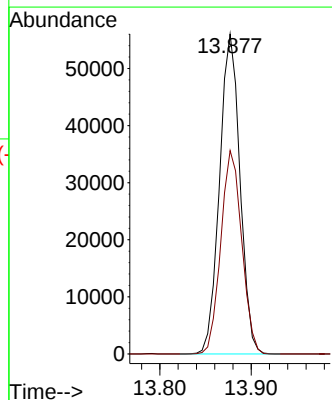
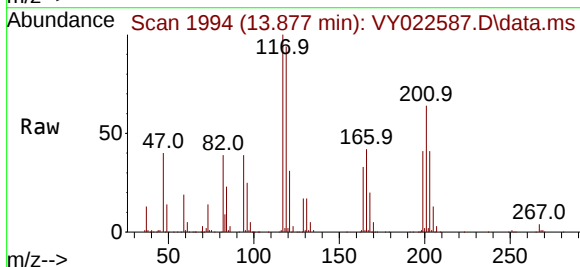
Acq: 06 Jun 2025 09:33

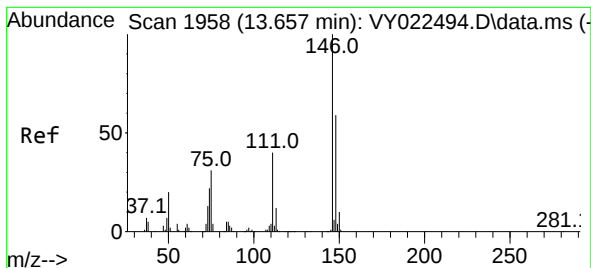
Tgt Ion: 117 Resp: 87120

Ion Ratio Lower Upper

117 100

201 65.1 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 49.027 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

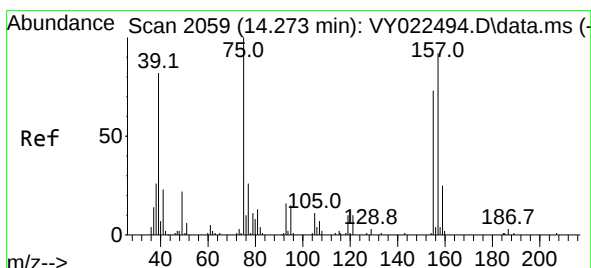
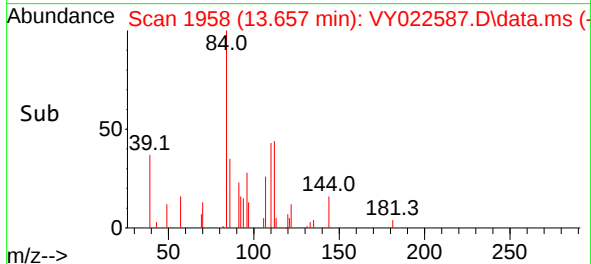
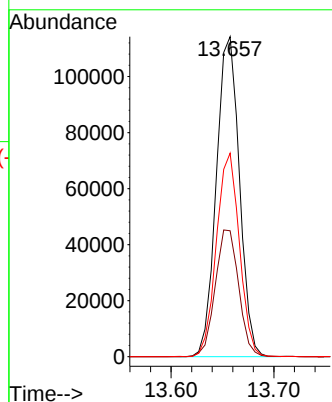
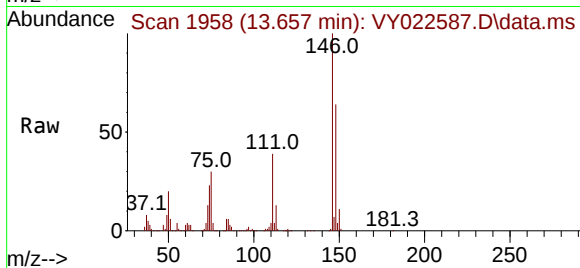
Tgt Ion:146 Resp: 177948

Ion Ratio Lower Upper

146 100

111 40.3 20.2 60.6

148 63.4 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.426 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

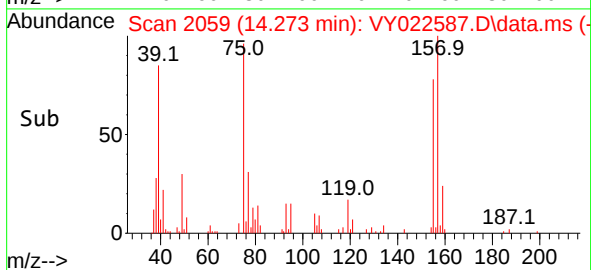
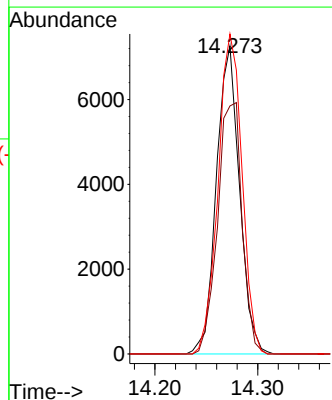
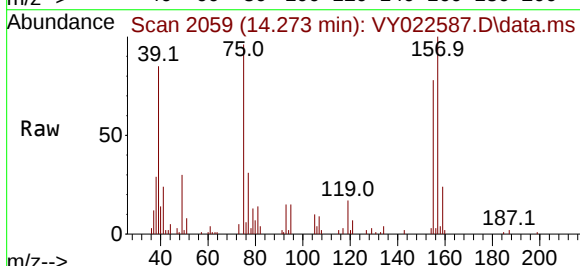
Tgt Ion: 75 Resp: 11331

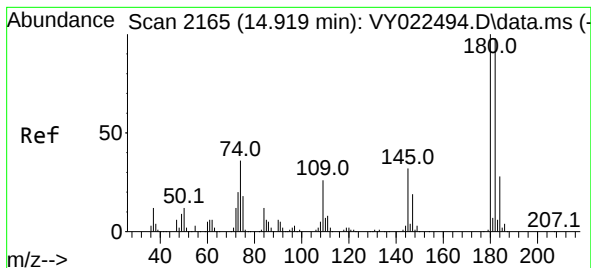
Ion Ratio Lower Upper

75 100

155 86.7 39.9 119.6

157 107.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 50.151 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

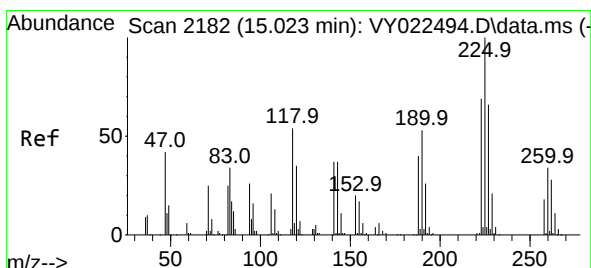
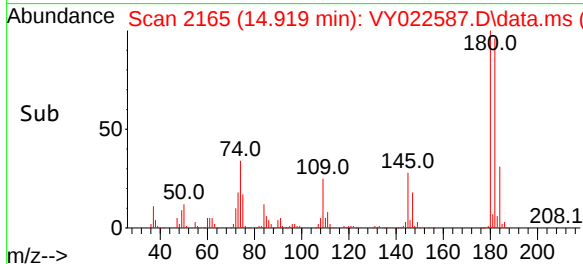
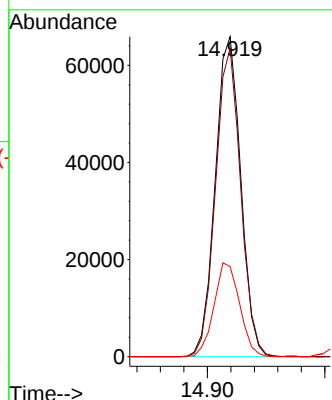
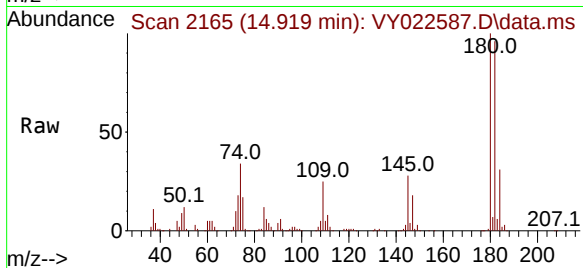
Tgt Ion:180 Resp: 99275

Ion Ratio Lower Upper

180 100

182 95.0 48.4 145.3

145 29.5 15.5 46.5



#94

Hexachlorobutadiene

Concen: 51.301 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

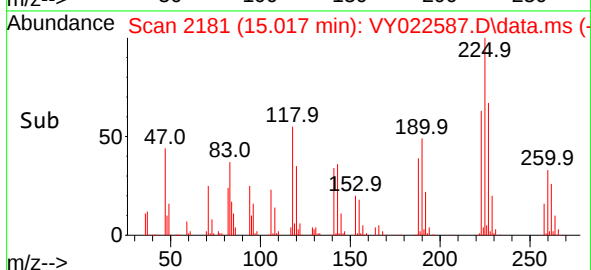
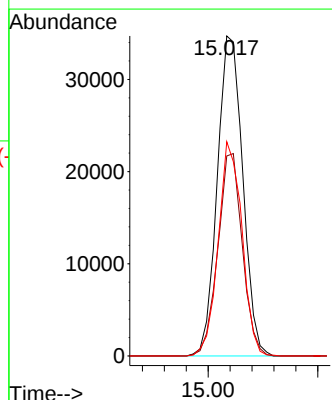
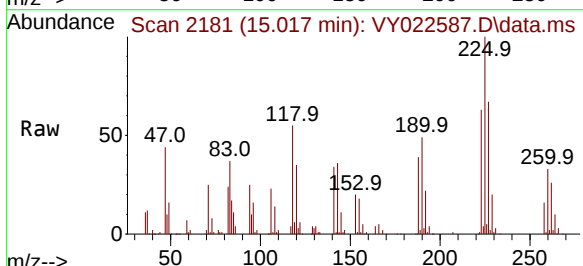
Tgt Ion:225 Resp: 56050

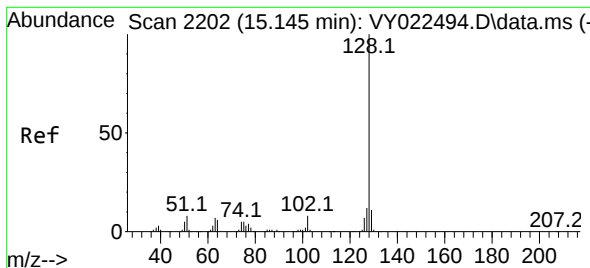
Ion Ratio Lower Upper

225 100

223 60.7 32.5 97.4

227 62.4 32.3 96.9





#95

Naphthalene

Concen: 47.064 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

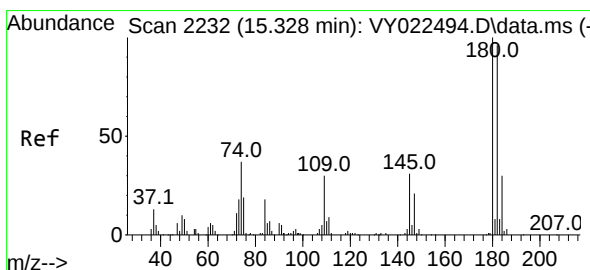
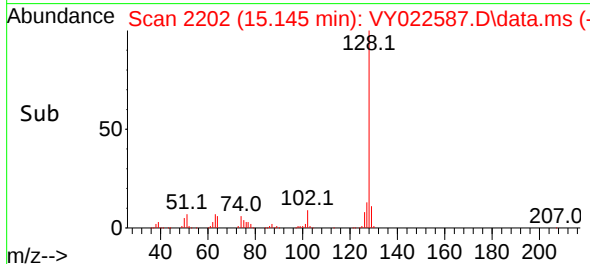
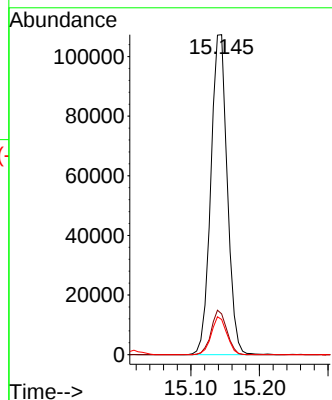
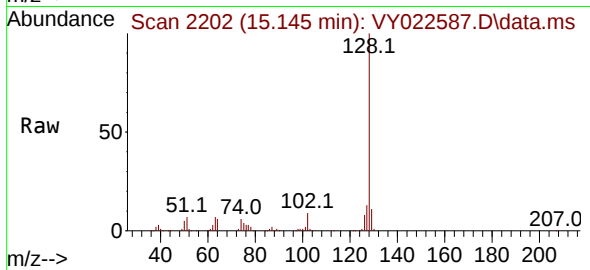
Tgt Ion:128 Resp: 178784

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 47.770 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022587.D

Acq: 06 Jun 2025 09:33

Tgt Ion:180 Resp: 81041

Ion Ratio Lower Upper

180 100

182 97.1 47.1 141.3

145 31.7 15.2 45.6

