

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060525\
 Data File : VY022585.D
 Acq On : 05 Jun 2025 19:51
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 06 01:29:27 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	7.701	168	157062	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	277947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	244124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	121678	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	97271	55.373	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.740%	
35) Dibromofluoromethane	7.628	113	86109	51.904	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.800%	
50) Toluene-d8	10.103	98	342282	51.061	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.120%	
62) 4-Bromofluorobenzene	12.402	95	102406	51.272	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	70024	49.798	ug/l	98
3) Chloromethane	2.062	50	221973	53.434	ug/l	98
4) Vinyl Chloride	2.196	62	327010	67.856	ug/l	98
5) Bromomethane	2.586	94	249044	53.917	ug/l	99
6) Chloroethane	2.726	64	229298	69.321	ug/l	98
7) Trichlorofluoromethane	3.043	101	303863	74.273	ug/l	97
8) Diethyl Ether	3.446	74	48218	52.334	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.805	101	85675	49.722	ug/l	99
10) Methyl Iodide	3.994	142	90581	48.577	ug/l	100
11) Tert butyl alcohol	4.860	59	36046	287.297	ug/l #	91
12) 1,1-Dichloroethene	3.781	96	83424	50.650	ug/l	99
13) Acrolein	3.647	56	31474	201.289	ug/l	93
14) Allyl chloride	4.372	41	126347	48.865	ug/l	99
15) Acrylonitrile	5.049	53	105873	271.328	ug/l	99
16) Acetone	3.866	43	82630	231.618	ug/l	98
17) Carbon Disulfide	4.098	76	266046	50.453	ug/l	98
18) Methyl Acetate	4.379	43	70162	66.414	ug/l	98
19) Methyl tert-butyl Ether	5.104	73	246046	53.038	ug/l	100
20) Methylene Chloride	4.604	84	104328	51.483	ug/l	99
21) trans-1,2-Dichloroethene	5.104	96	93951	50.967	ug/l	98
22) Diisopropyl ether	6.012	45	301493	52.384	ug/l	98
23) Vinyl Acetate	5.951	43	842247	247.249	ug/l	100
24) 1,1-Dichloroethane	5.903	63	179104	52.824	ug/l	100
25) 2-Butanone	6.890	43	135066	262.472	ug/l	98
26) 2,2-Dichloropropane	6.878	77	126127	42.101	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	113013	53.041	ug/l	99
28) Bromochloromethane	7.238	49	84225	56.986	ug/l	100
29) Tetrahydrofuran	7.256	42	91287	275.047	ug/l	99
30) Chloroform	7.415	83	183003	54.492	ug/l	97
31) Cyclohexane	7.695	56	154809	45.862	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	153595	51.520	ug/l	99
36) 1,1-Dichloropropene	7.829	75	131788	48.945	ug/l	99
37) Ethyl Acetate	6.976	43	62273	51.861	ug/l	100
38) Carbon Tetrachloride	7.811	117	133064	48.173	ug/l	99
39) Methylcyclohexane	9.103	83	167195	46.207	ug/l	99
40) Benzene	8.073	78	408205	51.329	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	88635	126.374	ug/l #	35
42) 1,2-Dichloroethane	8.152	62	113904	52.455	ug/l	99
43) Isopropyl Acetate	8.195	43	132292	51.013	ug/l	98
44) Trichloroethene	8.859	130	99856	51.374	ug/l	95
45) 1,2-Dichloropropane	9.140	63	96697	51.448	ug/l	99
46) Dibromomethane	9.225	93	56691	53.614	ug/l	97
47) Bromodichloromethane	9.420	83	141815	52.893	ug/l	97
48) Methyl methacrylate	9.219	41	61542	50.564	ug/l	97
49) 1,4-Dioxane	9.225	88	13906	1110.094	ug/l	97
51) 4-Methyl-2-Pentanone	9.993	43	349557	270.358	ug/l	99
52) Toluene	10.164	92	254883	51.000	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	125050	49.778	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	146445	50.079	ug/l	97
55) 1,1,2-Trichloroethane	10.566	97	71539	53.059	ug/l	95
56) Ethyl methacrylate	10.438	69	101898	52.289	ug/l	99
57) 1,3-Dichloropropane	10.713	76	126675	53.008	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	257277	290.785	ug/l	99
59) 2-Hexanone	10.755	43	228788	264.584	ug/l	99
60) Dibromochloromethane	10.908	129	88290	51.528	ug/l	100
61) 1,2-Dibromoethane	11.012	107	63773	51.894	ug/l	99
64) Tetrachloroethene	10.640	164	113908	54.242	ug/l	96
65) Chlorobenzene	11.438	112	267544	49.525	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	92665	50.919	ug/l	98
67) Ethyl Benzene	11.518	91	489974	48.901	ug/l	98
68) m/p-Xylenes	11.627	106	370502	97.541	ug/l	99
69) o-Xylene	11.950	106	178674	50.171	ug/l	100
70) Styrene	11.963	104	301155	51.158	ug/l	99
71) Bromoform	12.127	173	48161	49.731	ug/l #	99
73) Isopropylbenzene	12.249	105	452074	45.254	ug/l	99
74) N-amyl acetate	12.066	43	116158	46.083	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.499	83	73882	45.062	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	105826	76.022	ug/l #	100
77) Bromobenzene	12.530	156	97515	46.258	ug/l	98
78) n-propylbenzene	12.590	91	552332	45.268	ug/l	100
79) 2-Chlorotoluene	12.676	91	295230	45.653	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	362108	46.170	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	23848	41.372	ug/l	99
82) 4-Chlorotoluene	12.773	91	304338	45.620	ug/l	97
83) tert-Butylbenzene	12.993	119	319905	45.447	ug/l	100
84) 1,2,4-Trimethylbenzene	13.036	105	363341	46.320	ug/l	99
85) sec-Butylbenzene	13.170	105	484698	44.960	ug/l	100
86) p-Isopropyltoluene	13.285	119	403230	45.377	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	197969	46.350	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	190065	45.880	ug/l	98
89) n-Butylbenzene	13.615	91	384739	45.634	ug/l	99
90) Hexachloroethane	13.877	117	80243	46.384	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	171468	47.284	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11597	48.582	ug/l	96
93) 1,2,4-Trichlorobenzene	14.913	180	94084	47.570	ug/l	100
94) Hexachlorobutadiene	15.017	225	48886	44.783	ug/l	99
95) Naphthalene	15.139	128	192379	50.687	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	83102	49.028	ug/l	99

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QLast Update : Tue Jun 03 03:22:04 2025
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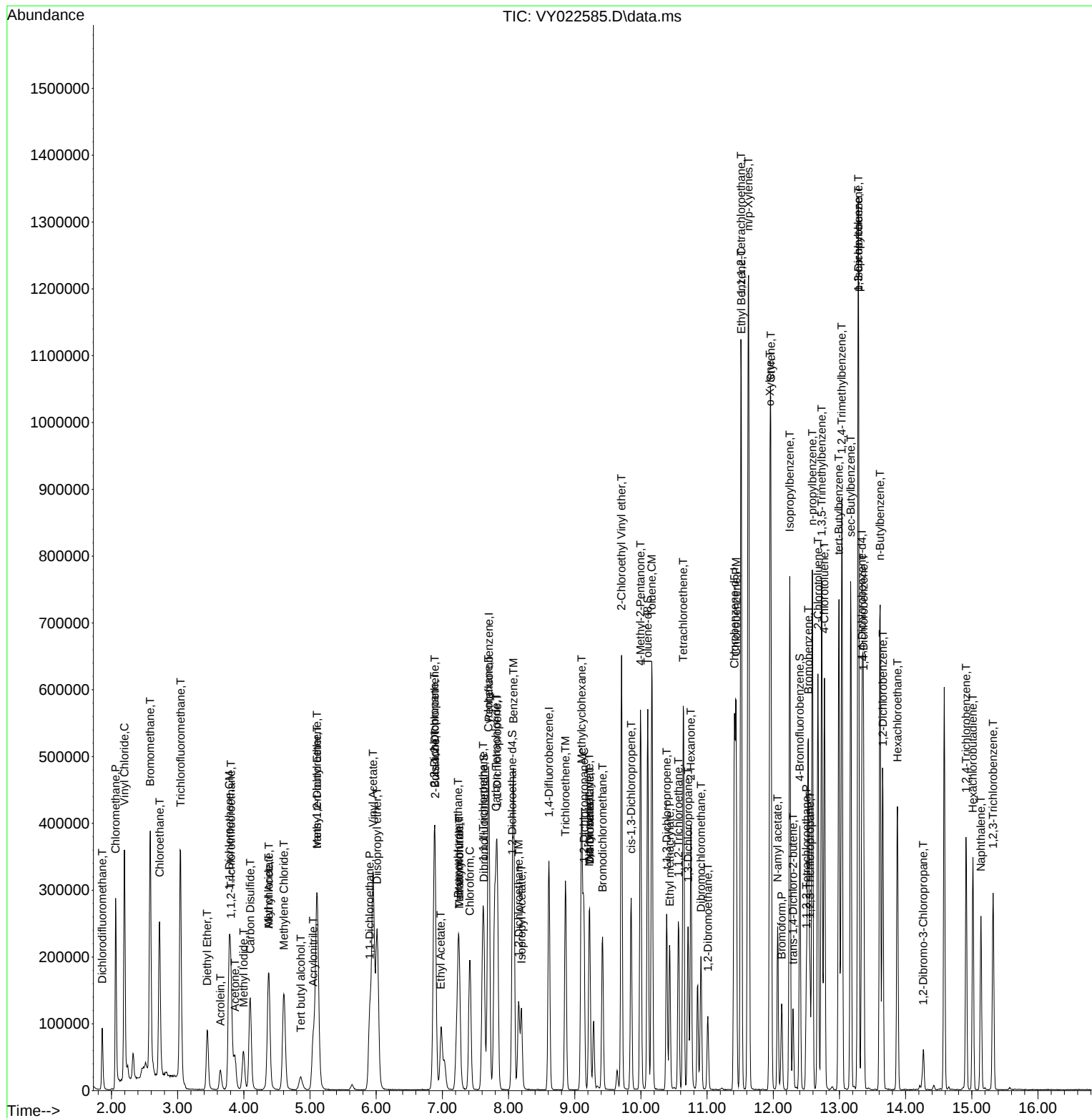
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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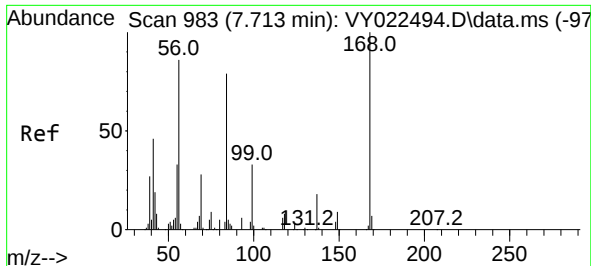
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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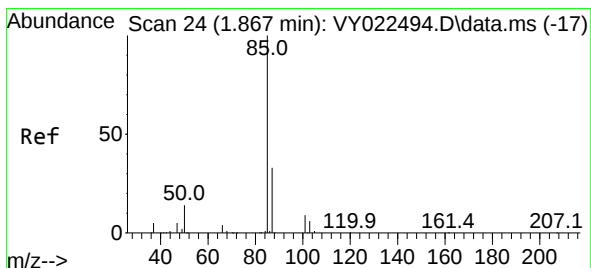
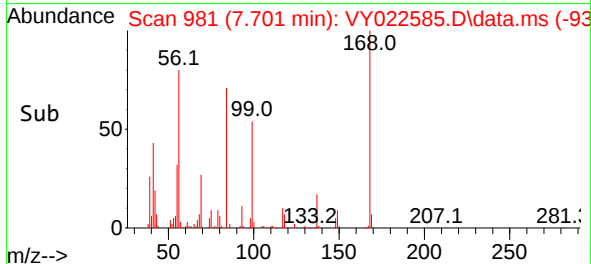
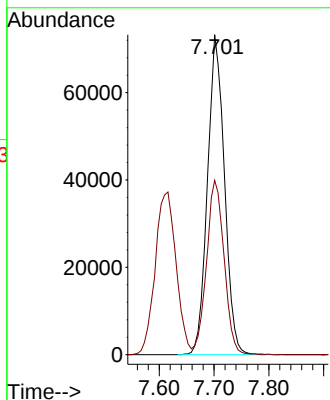
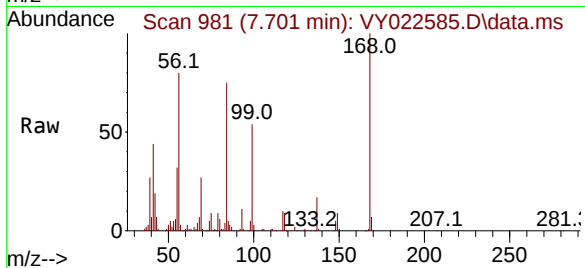




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
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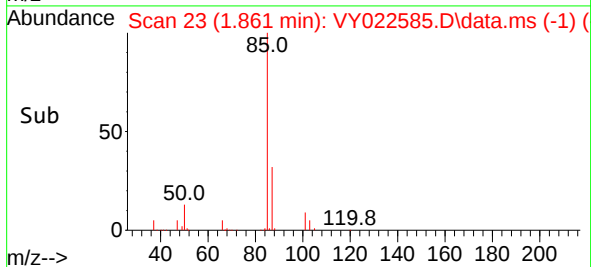
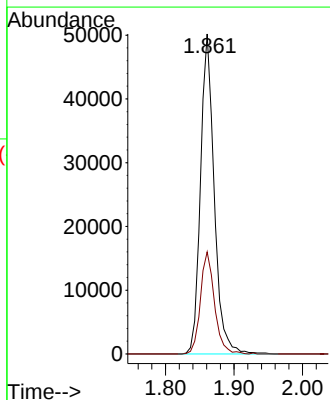
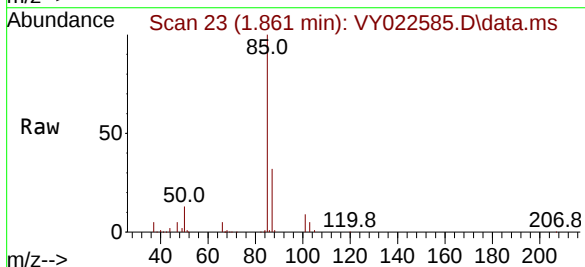
Instrument :
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Tgt Ion:168 Resp: 157062
Ion Ratio Lower Upper
168 100
99 54.5 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 49.798 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 85 Resp: 70024
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.0

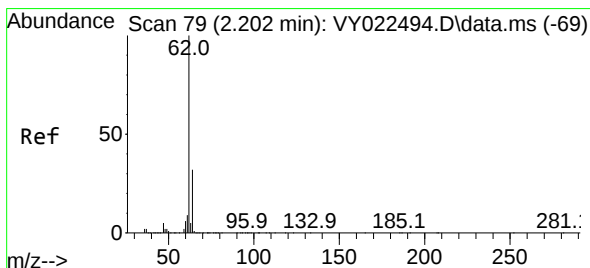
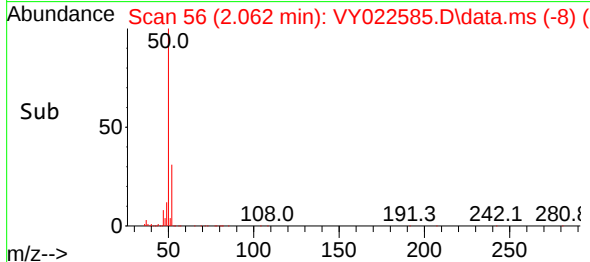
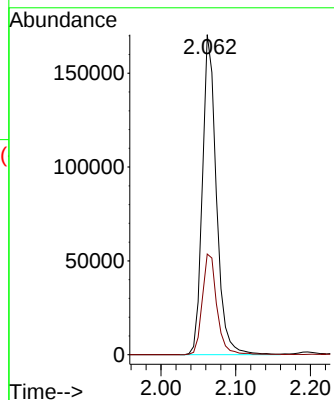
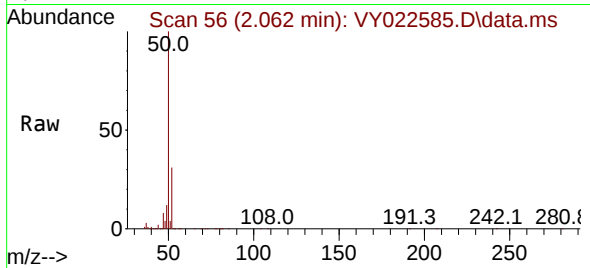




#3
Chloromethane
Concen: 53.434 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

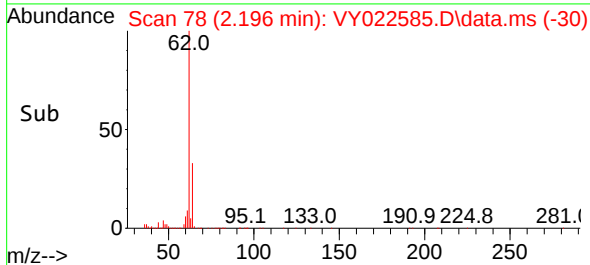
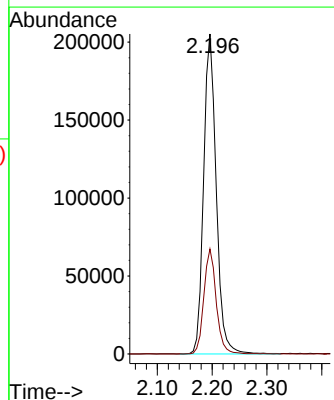
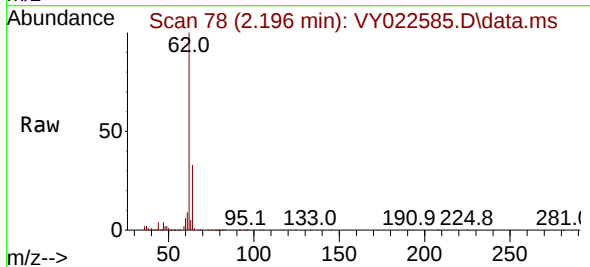
Instrument :
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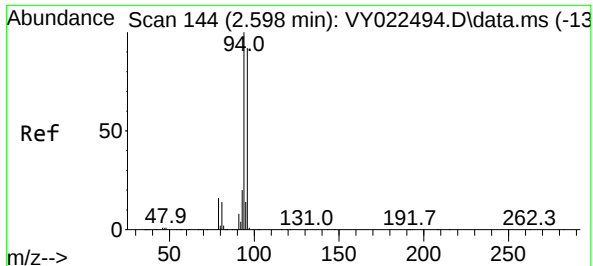
Tgt Ion: 50 Resp: 221973
Ion Ratio Lower Upper
50 100
52 31.5 26.0 39.0



#4
Vinyl Chloride
Concen: 67.856 ug/l
RT: 2.196 min Scan# 78
Delta R.T. -0.006 min
Lab File: VY022585.D
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Tgt Ion: 62 Resp: 327010
Ion Ratio Lower Upper
62 100
64 32.8 25.3 37.9

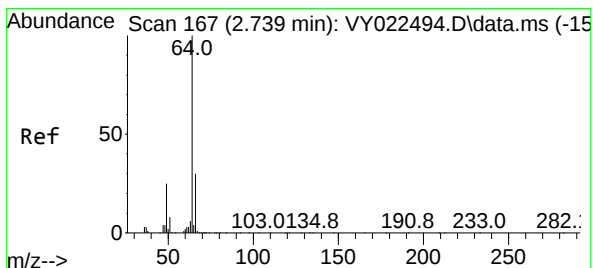
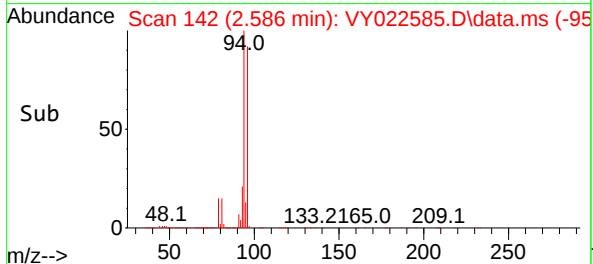
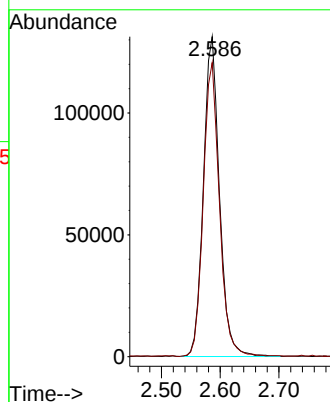
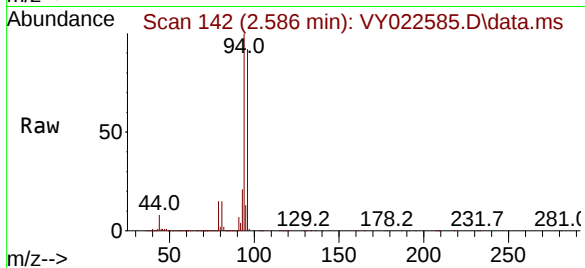




#5
Bromomethane
Concen: 53.917 ug/l
RT: 2.586 min Scan# 144
Delta R.T. -0.012 min
Lab File: VY022585.D
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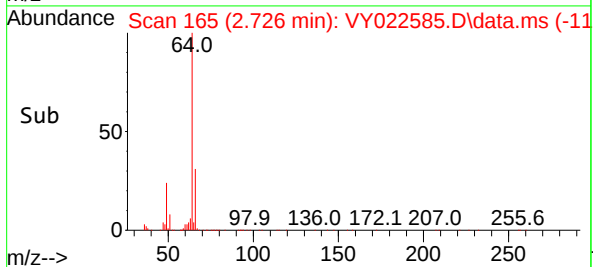
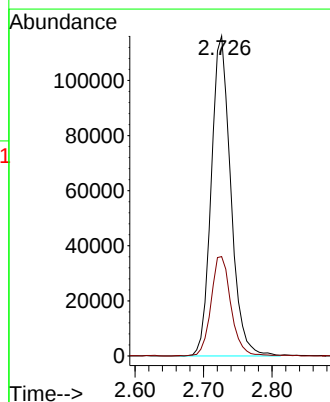
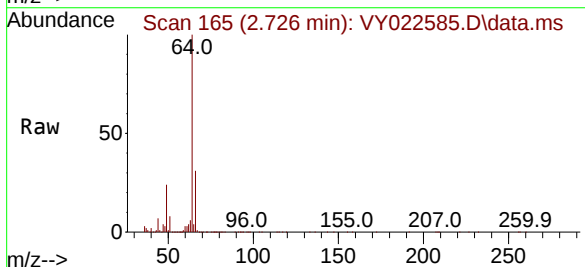
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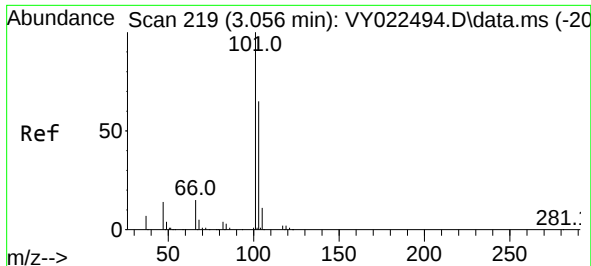
Tgt Ion: 94 Resp: 249044
Ion Ratio Lower Upper
94 100
96 91.9 74.0 111.0



#6
Chloroethane
Concen: 69.321 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.012 min
Lab File: VY022585.D
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Tgt Ion: 64 Resp: 229298
Ion Ratio Lower Upper
64 100
66 30.9 23.8 35.6

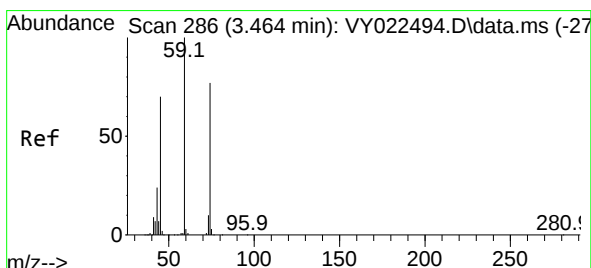
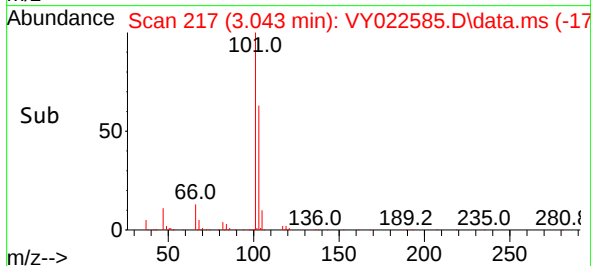
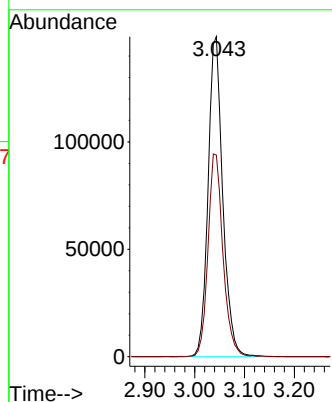
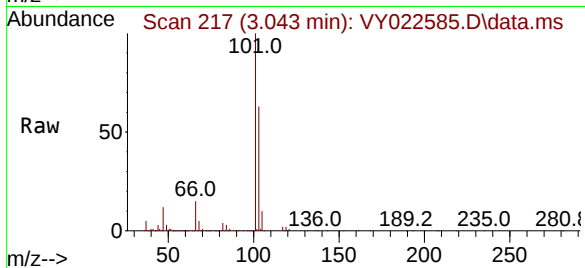




#7
Trichlorofluoromethane
Concen: 74.273 ug/l
RT: 3.043 min Scan# 219
Delta R.T. -0.012 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

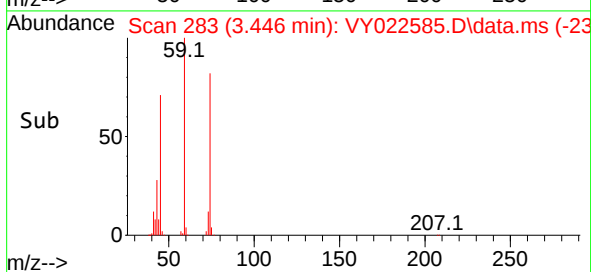
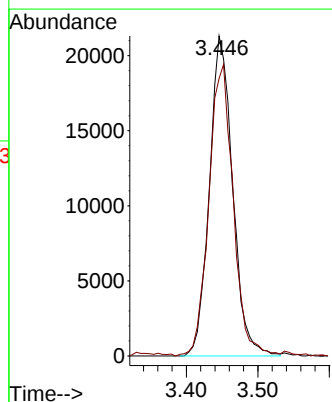
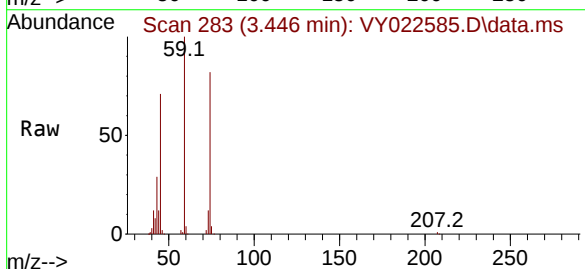
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Tgt Ion:101 Resp: 303863
Ion Ratio Lower Upper
101 100
103 62.9 52.2 78.2



#8
Diethyl Ether
Concen: 52.334 ug/l
RT: 3.446 min Scan# 283
Delta R.T. -0.018 min
Lab File: VY022585.D
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Tgt Ion: 74 Resp: 48218
Ion Ratio Lower Upper
74 100
45 95.2 45.9 137.6

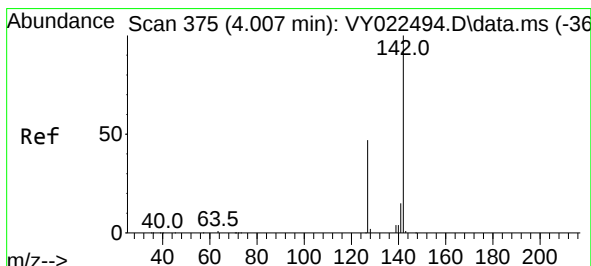
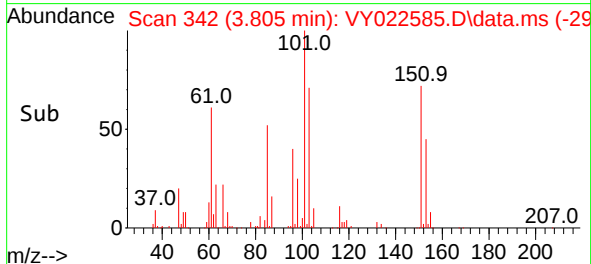
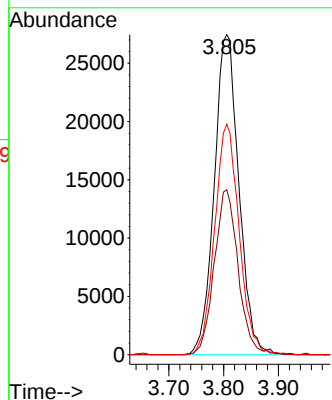
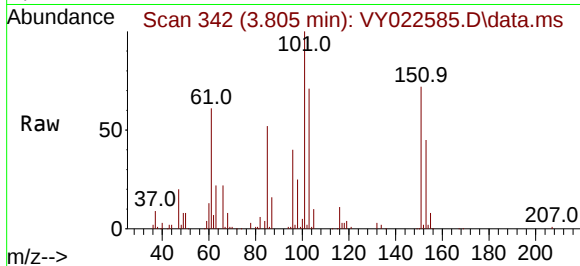




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.722 ug/l
RT: 3.805 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

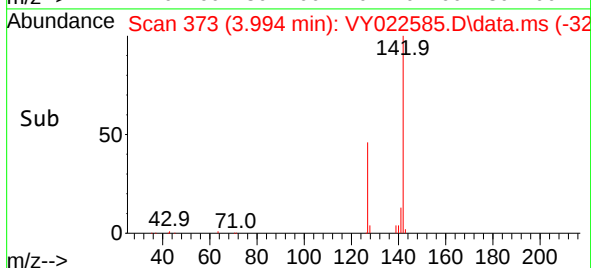
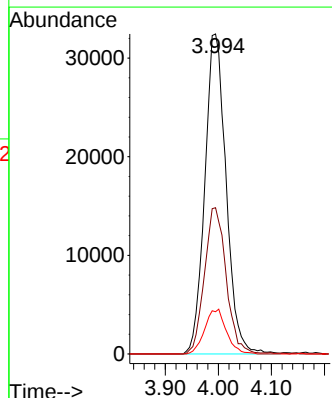
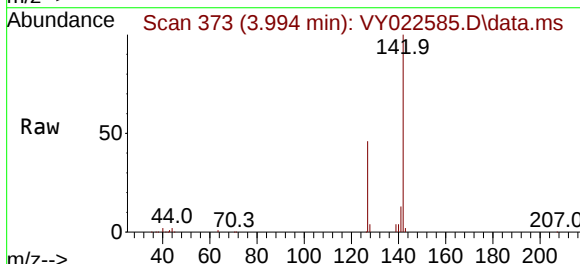
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

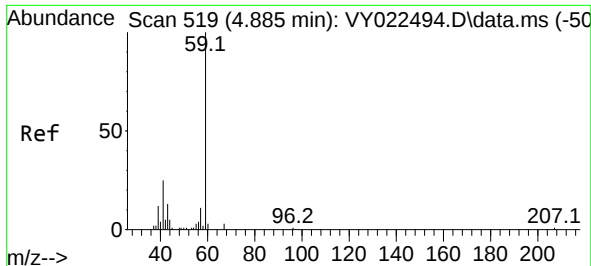
Tgt Ion:	101	Resp:	85675
Ion	Ratio	Lower	Upper
101	100		
85	50.0	39.3	58.9
151	71.8	57.8	86.8



#10
Methyl Iodide
Concen: 48.577 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.012 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion:	142	Resp:	90581
Ion	Ratio	Lower	Upper
142	100		
127	46.5	37.1	55.7
141	14.2	11.4	17.2

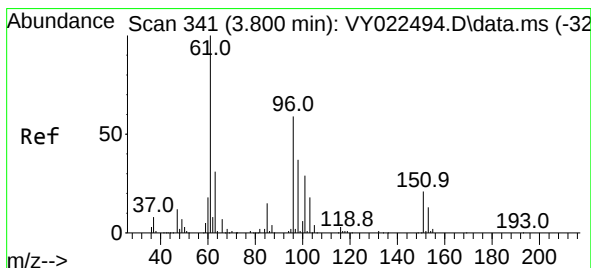
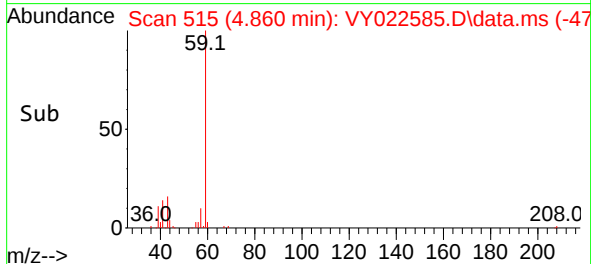
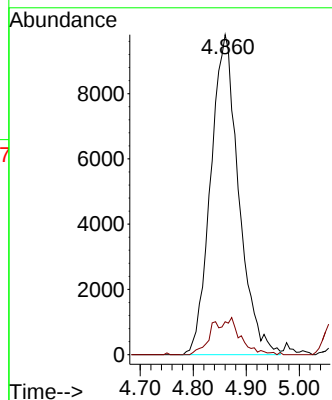
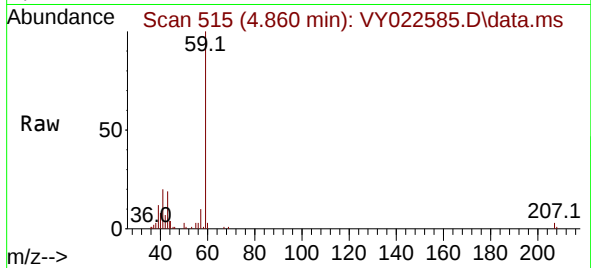




#11
Tert butyl alcohol
Concen: 287.297 ug/l
RT: 4.860 min Scan# 519
Delta R.T. -0.025 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

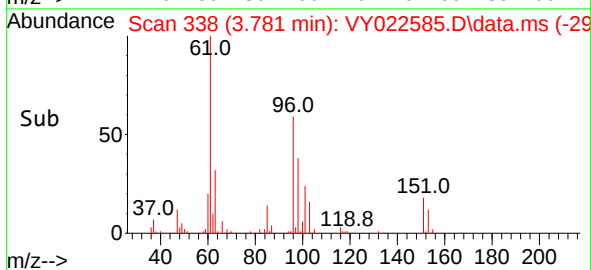
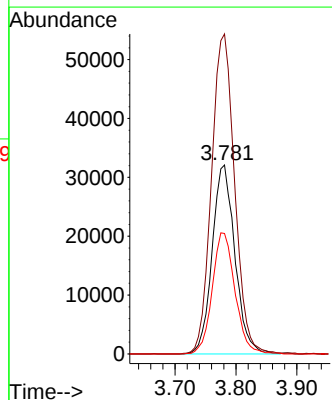
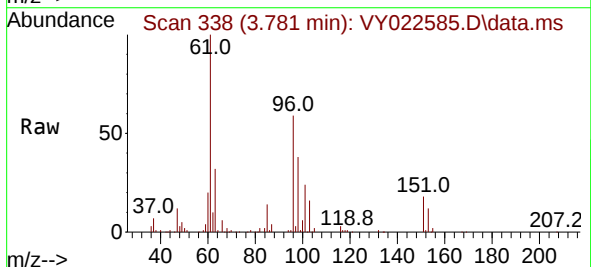
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

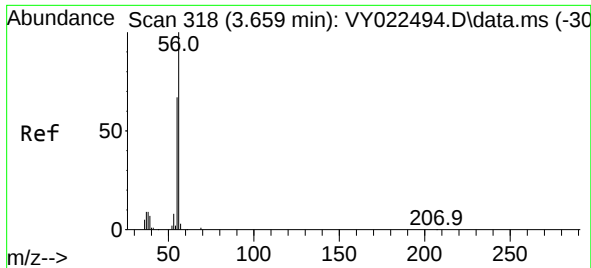
Tgt Ion: 59 Resp: 36046
Ion Ratio Lower Upper
59 100
57 6.7 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 50.650 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 96 Resp: 83424
Ion Ratio Lower Upper
96 100
61 169.3 134.6 201.8
98 63.7 50.2 75.4

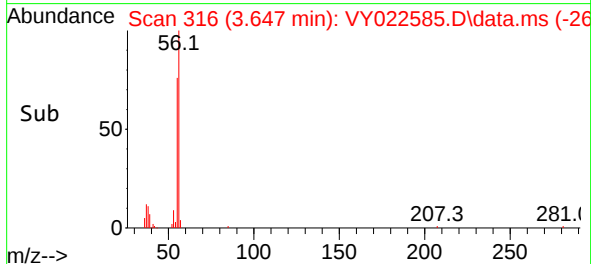
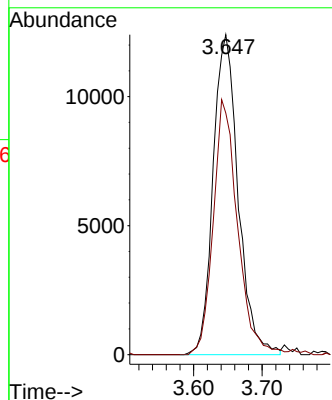
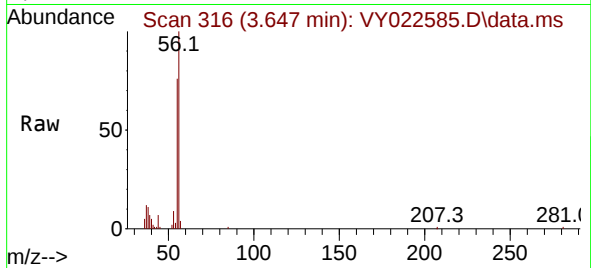




#13
Acrolein
Concen: 201.289 ug/l
RT: 3.647 min Scan# 318
Delta R.T. -0.012 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

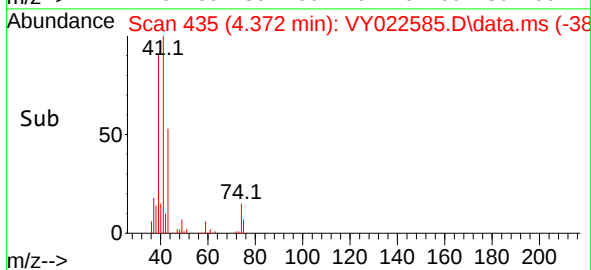
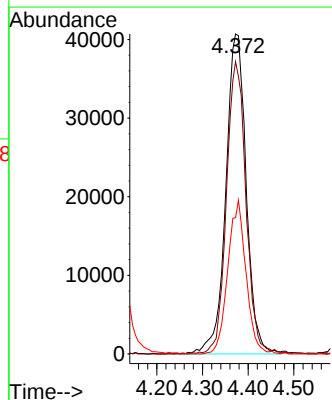
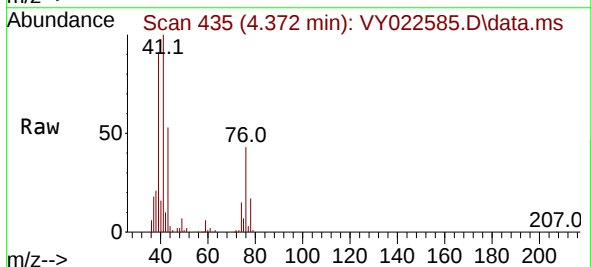
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 31474
Ion Ratio Lower Upper
56 100
55 77.3 57.0 85.6



#14
Allyl chloride
Concen: 48.865 ug/l
RT: 4.372 min Scan# 435
Delta R.T. -0.018 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 41 Resp: 126347
Ion Ratio Lower Upper
41 100
39 87.4 69.1 103.7
76 42.9 33.5 50.3

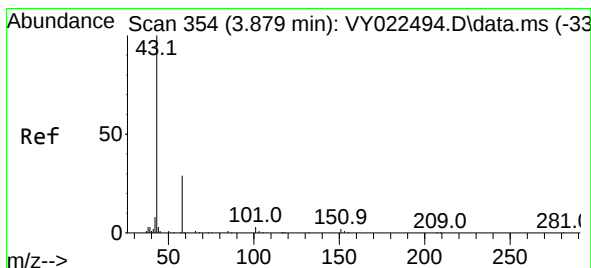
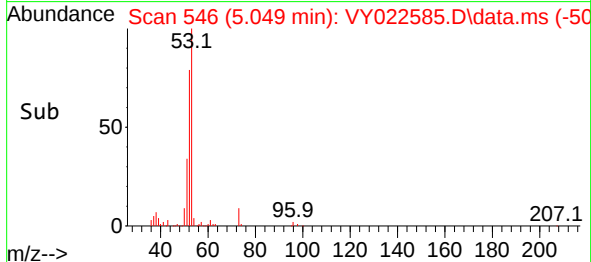
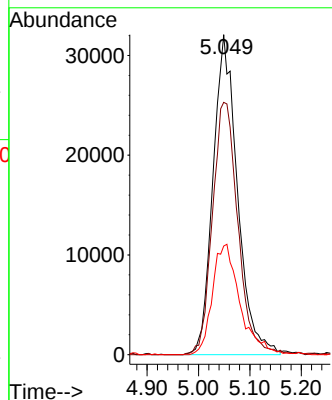
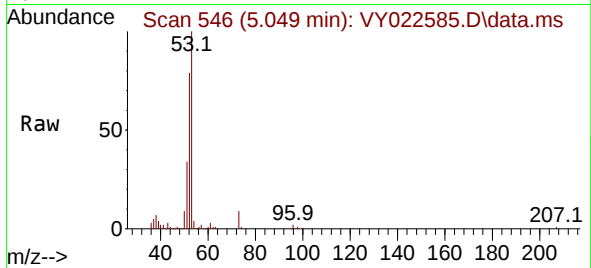




#15
Acrylonitrile
Concen: 271.328 ug/l
RT: 5.049 min Scan# 54
Delta R.T. -0.018 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

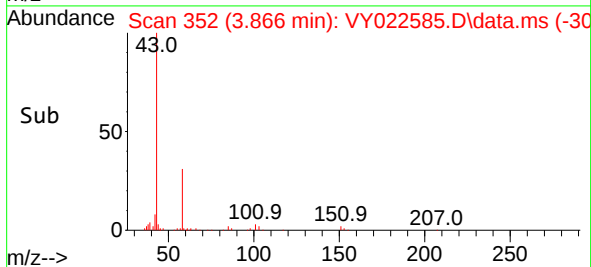
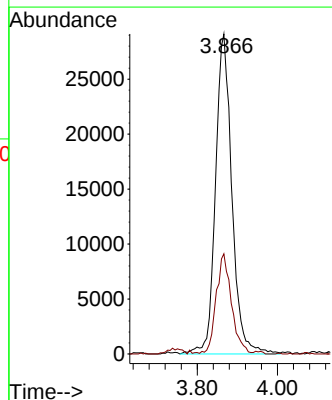
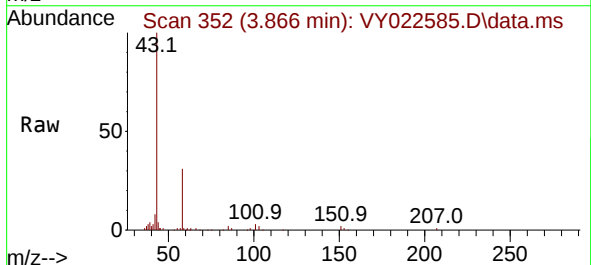
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

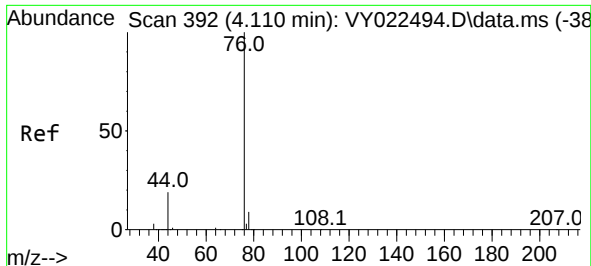
Tgt Ion: 53 Resp: 105873
Ion Ratio Lower Upper
53 100
52 82.2 65.7 98.5
51 38.9 30.1 45.1



#16
Acetone
Concen: 231.618 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 43 Resp: 82630
Ion Ratio Lower Upper
43 100
58 31.1 24.0 36.0

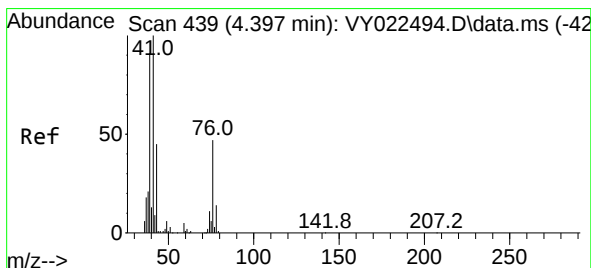
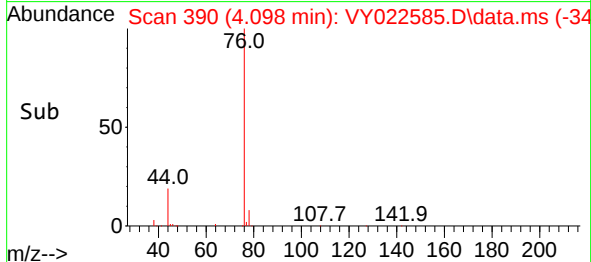
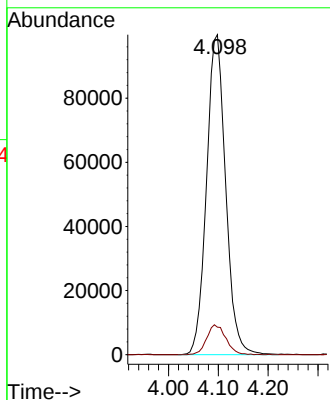
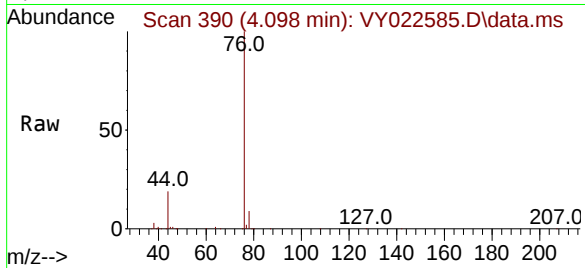




#17
Carbon Disulfide
Concen: 50.453 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

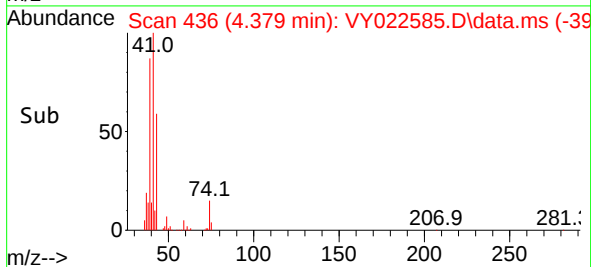
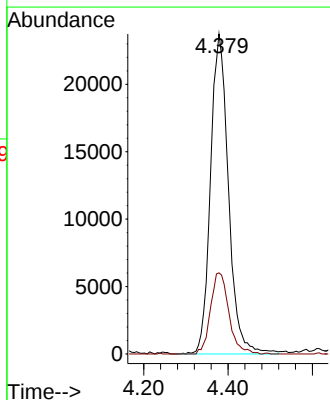
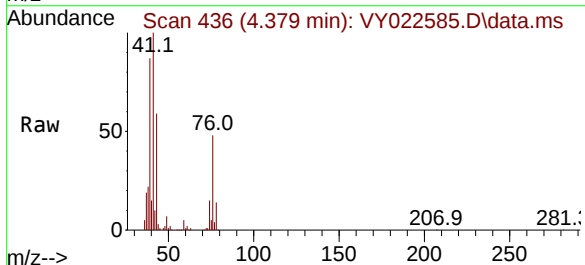
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

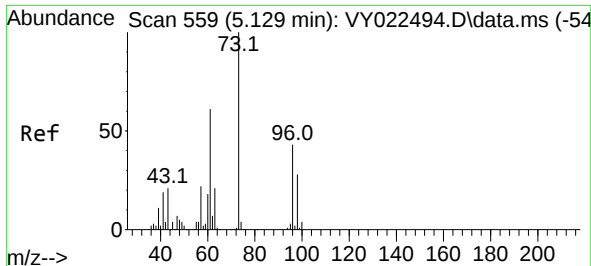
Tgt Ion: 76 Resp: 266046
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 66.414 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 43 Resp: 70162
Ion Ratio Lower Upper
43 100
74 25.9 19.8 29.6

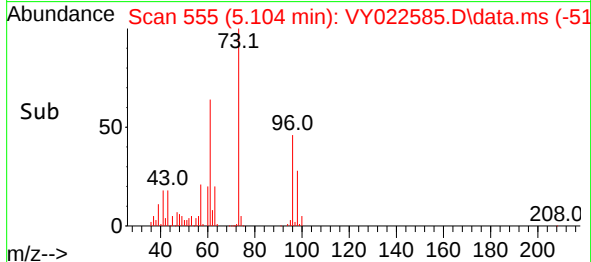
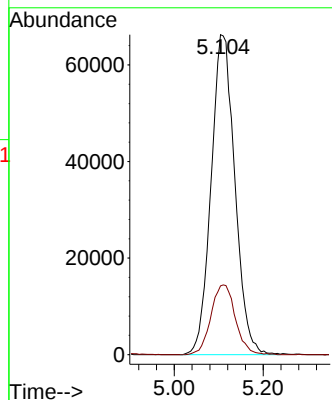
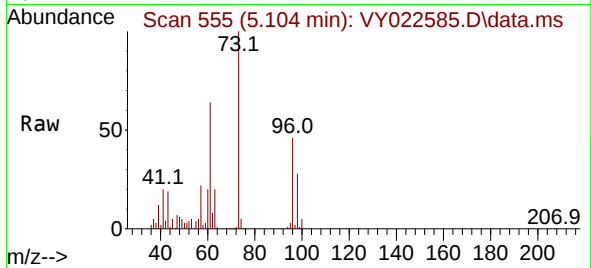




#19
Methyl tert-butyl Ether
Concen: 53.038 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.025 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

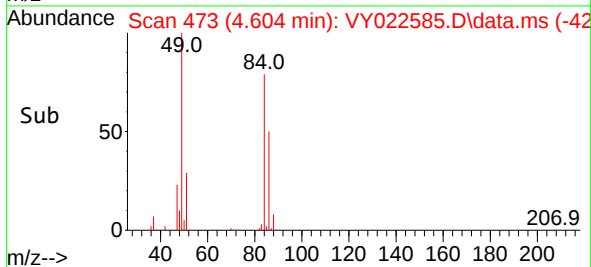
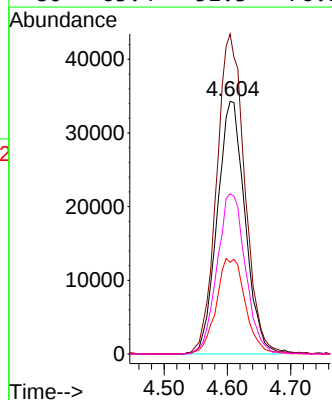
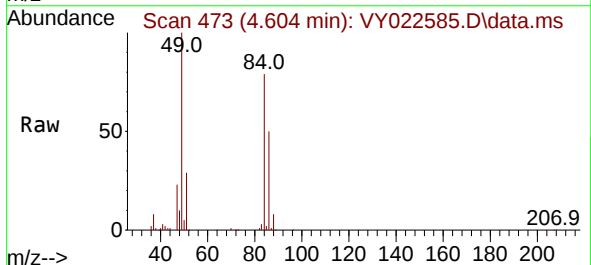
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

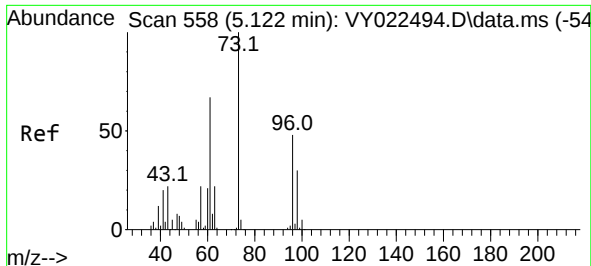
Tgt Ion: 73 Resp: 246046
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.0



#20
Methylene Chloride
Concen: 51.483 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 84 Resp: 104328
Ion Ratio Lower Upper
84 100
49 126.6 101.9 152.9
51 36.3 29.8 44.8
86 63.4 51.3 76.9

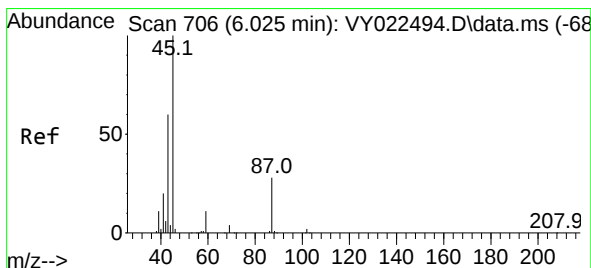
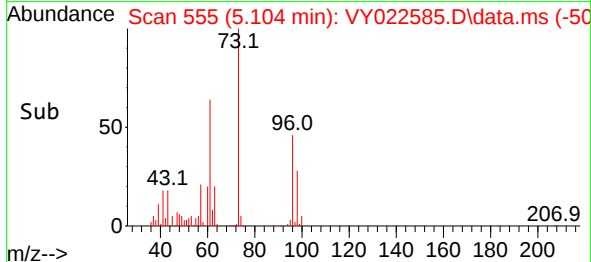
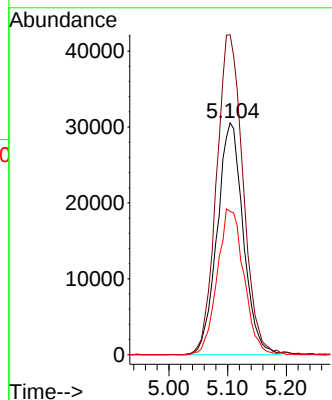
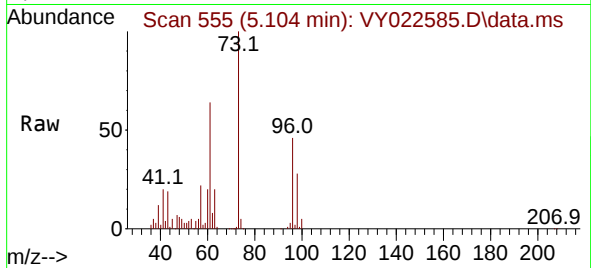




#21
trans-1,2-Dichloroethene
Concen: 50.967 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

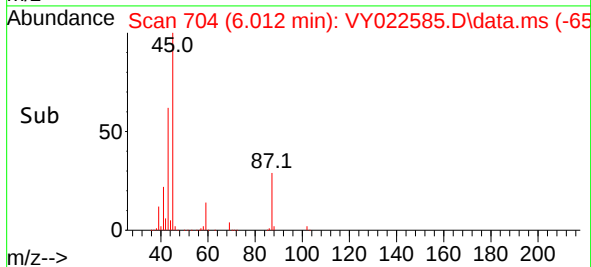
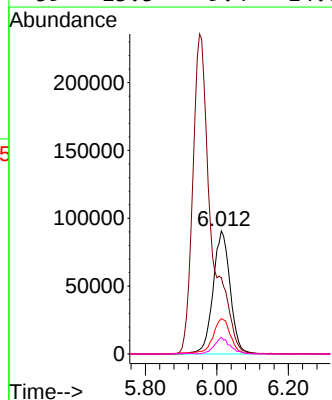
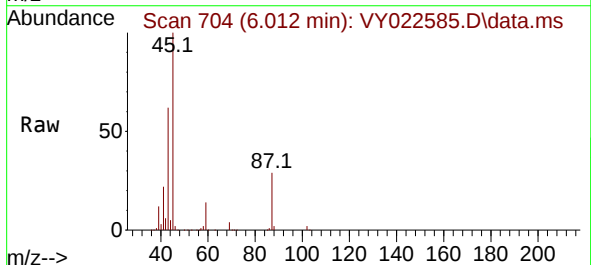
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 93951
Ion Ratio Lower Upper
96 100
61 138.1 112.6 169.0
98 61.8 50.6 75.8



#22
Diisopropyl ether
Concen: 52.384 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 45 Resp: 301493
Ion Ratio Lower Upper
45 100
43 61.6 48.3 72.5
87 28.8 23.0 34.6
59 13.5 9.4 14.0

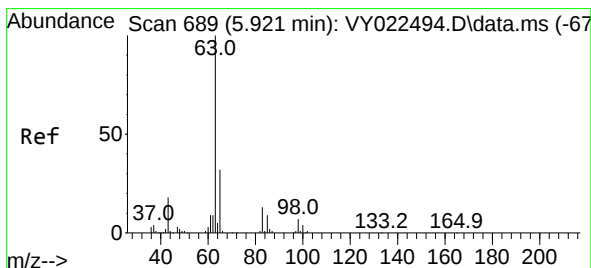
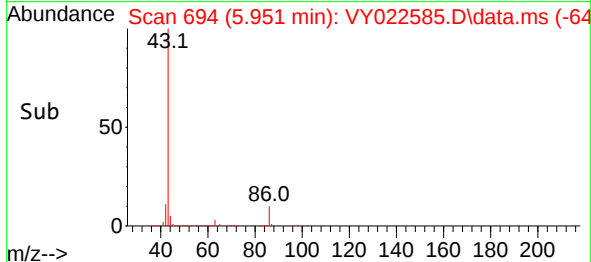
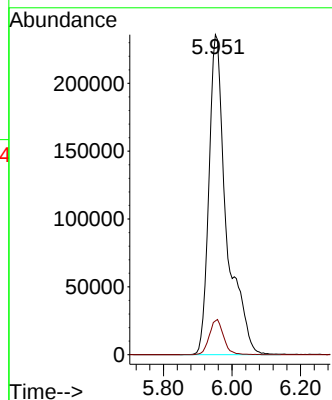
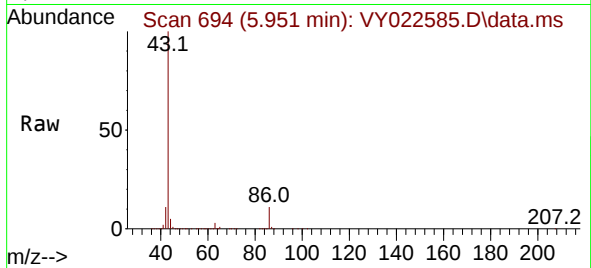




#23
 Vinyl Acetate
 Concen: 247.249 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. -0.018 min
 Lab File: VY022585.D
 Acq: 05 Jun 2025 19:51

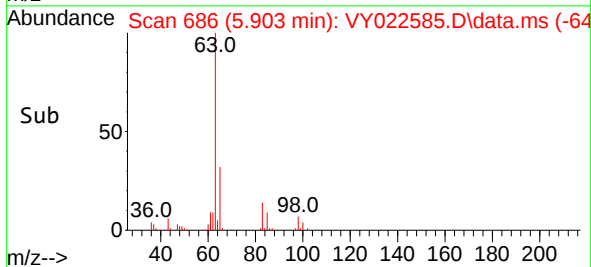
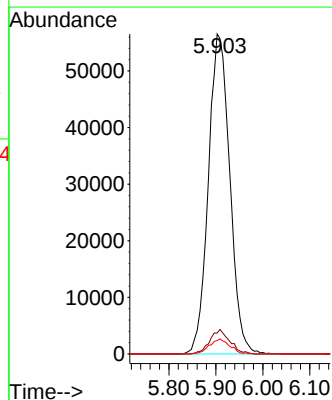
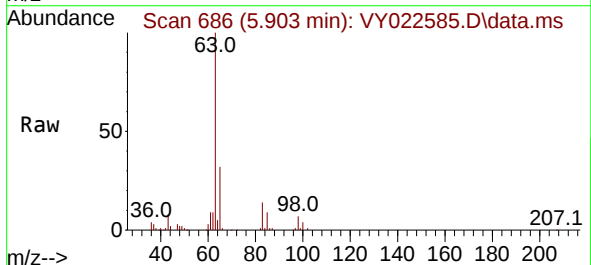
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 842247
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 52.824 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. -0.018 min
 Lab File: VY022585.D
 Acq: 05 Jun 2025 19:51

Tgt Ion: 63 Resp: 179104
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.1
 100 4.2 2.1 6.3

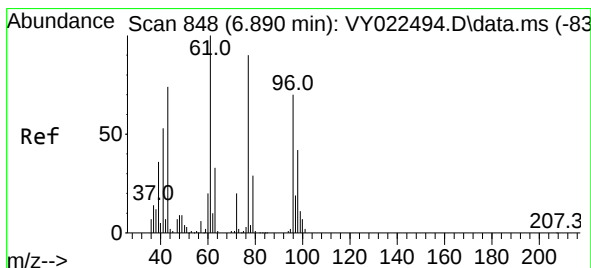
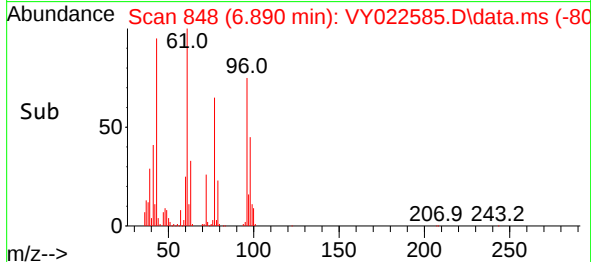
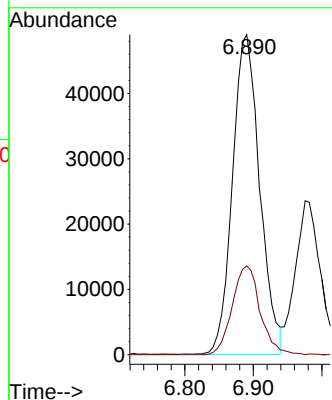
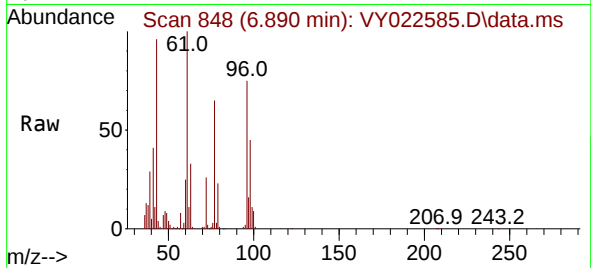




#25
2-Butanone
Concen: 262.472 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

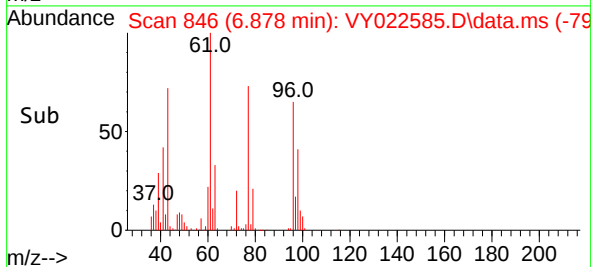
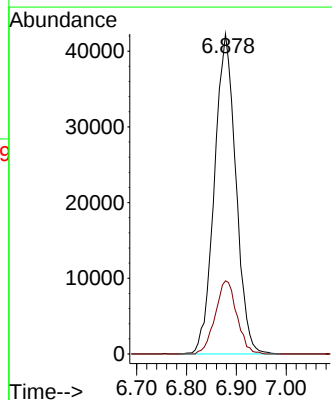
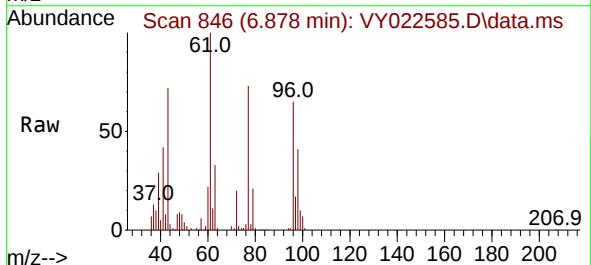
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 135066
Ion Ratio Lower Upper
43 100
72 27.8 22.9 34.3



#26
2,2-Dichloropropane
Concen: 42.101 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 77 Resp: 126127
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 53.041 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

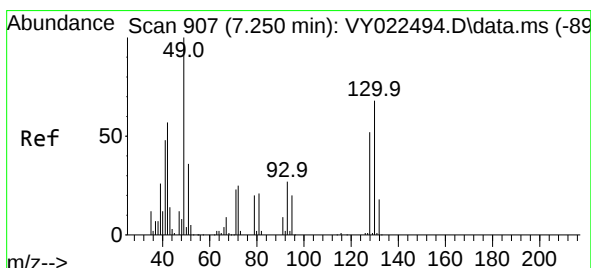
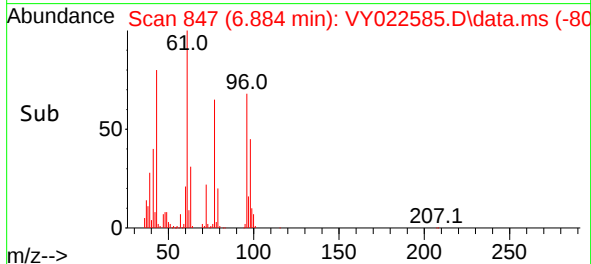
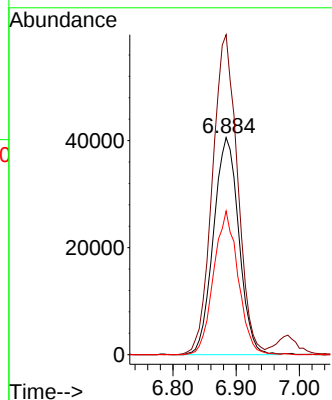
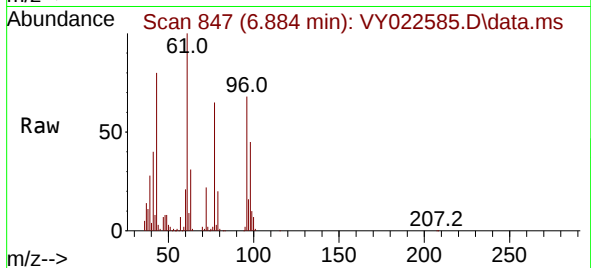
Tgt Ion: 96 Resp: 113013

Ion Ratio Lower Upper

96 100

61 146.0 0.0 290.0

98 63.7 0.0 128.4



#28

Bromochloromethane

Concen: 56.986 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

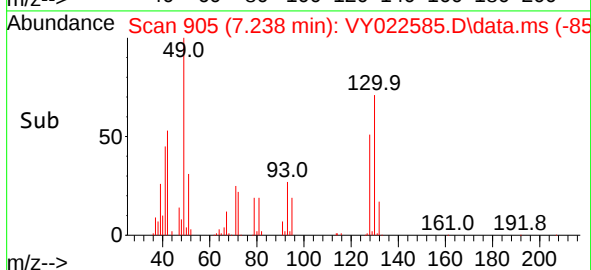
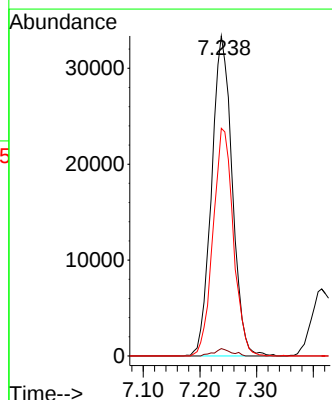
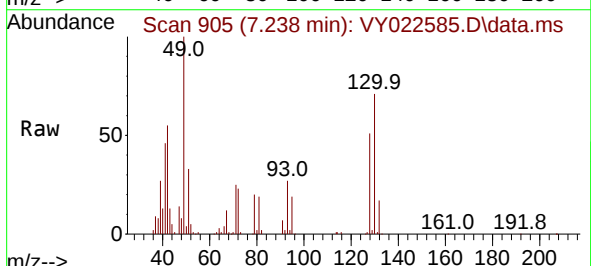
Tgt Ion: 49 Resp: 84225

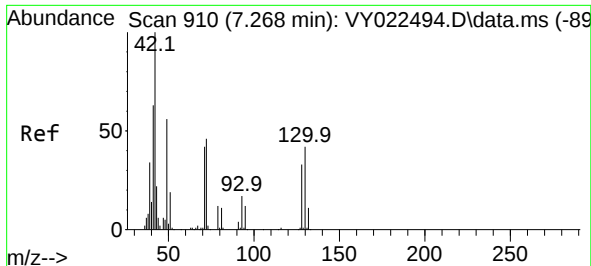
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 70.0 55.7 83.5





#29

Tetrahydrofuran

Concen: 275.047 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

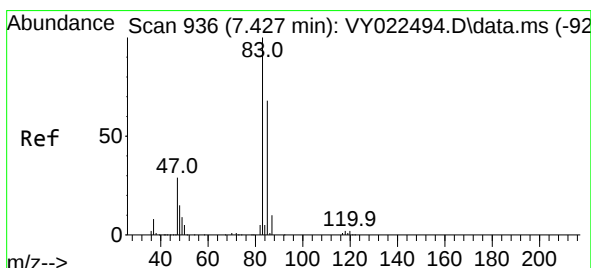
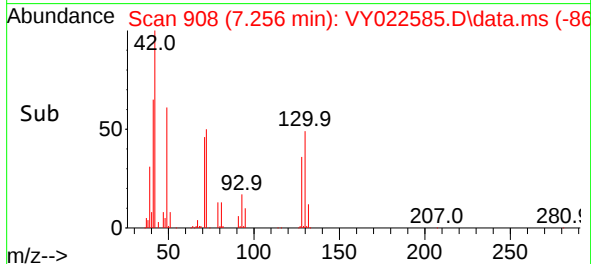
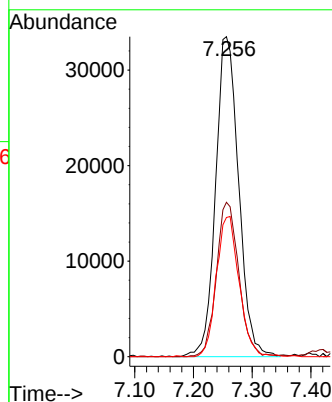
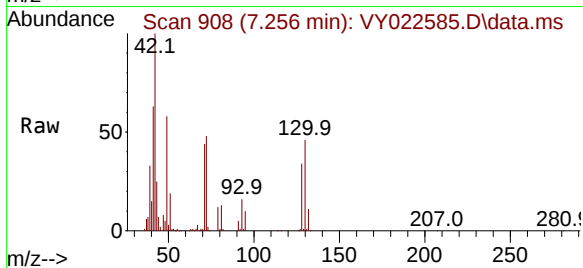
Tgt Ion: 42 Resp: 91287

Ion Ratio Lower Upper

42 100

72 47.1 37.4 56.2

71 43.4 34.2 51.2



#30

Chloroform

Concen: 54.492 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022585.D

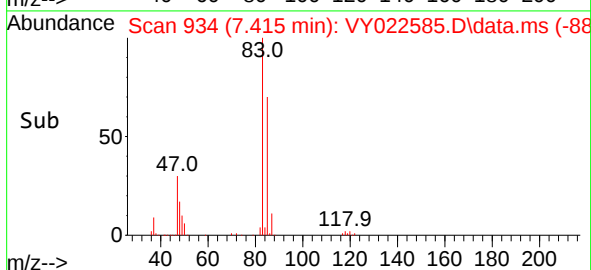
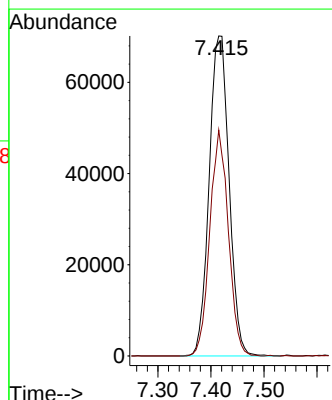
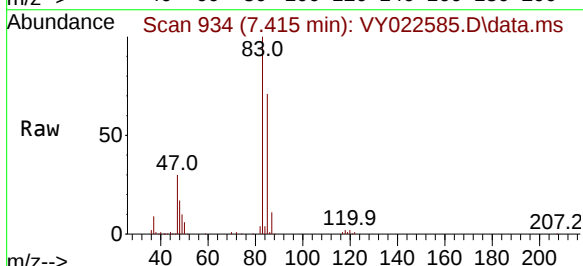
Acq: 05 Jun 2025 19:51

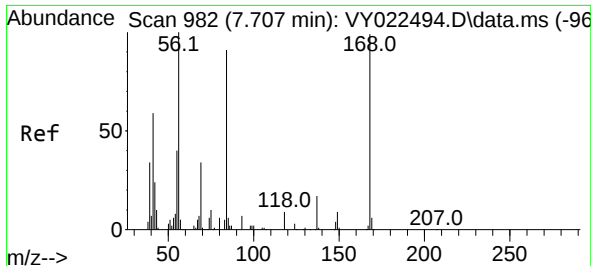
Tgt Ion: 83 Resp: 183003

Ion Ratio Lower Upper

83 100

85 70.6 54.2 81.4

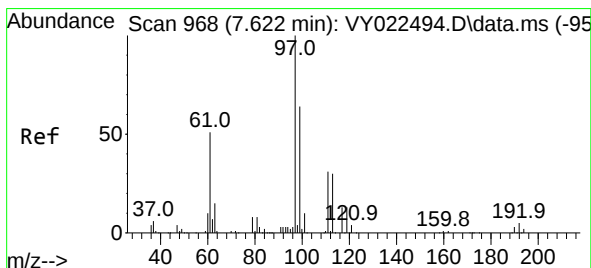
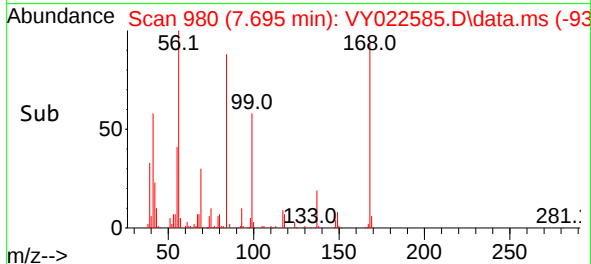
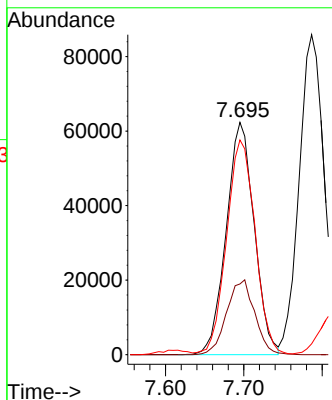
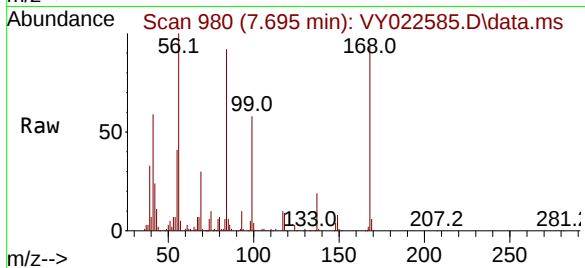




#31
Cyclohexane
Concen: 45.862 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

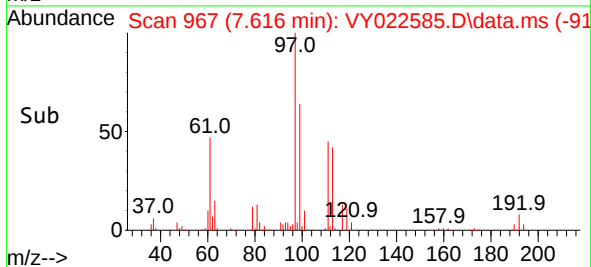
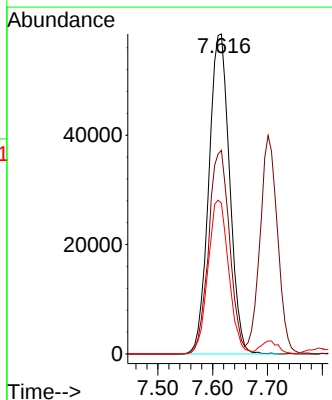
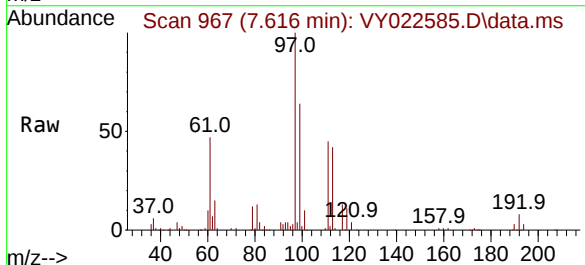
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 154809
Ion Ratio Lower Upper
56 100
69 30.4 27.0 40.6
84 90.5 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 51.520 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 97 Resp: 153595
Ion Ratio Lower Upper
97 100
99 64.2 50.9 76.3
61 48.2 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 55.373 ug/l

RT: 8.055 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Instrument :

MSVOA_Y

ClientSampleId :

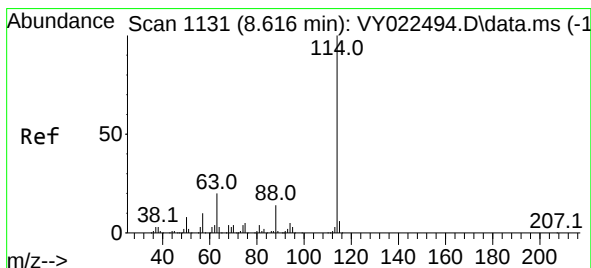
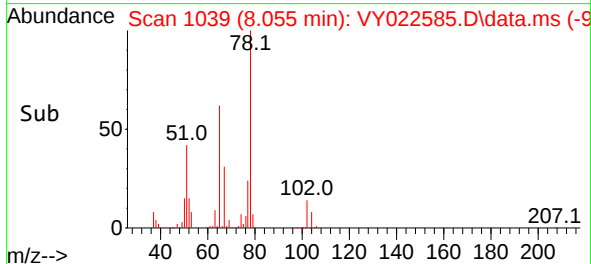
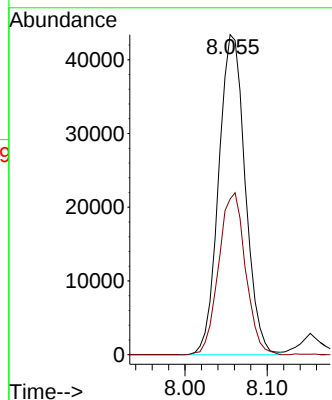
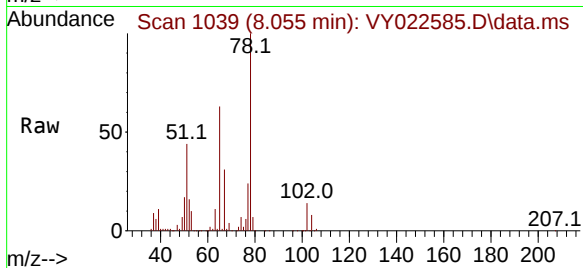
VSTDCCC050EC

Tgt Ion: 65 Resp: 97271

Ion Ratio Lower Upper

65 100

67 51.1 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: VY022585.D

Acq: 05 Jun 2025 19:51

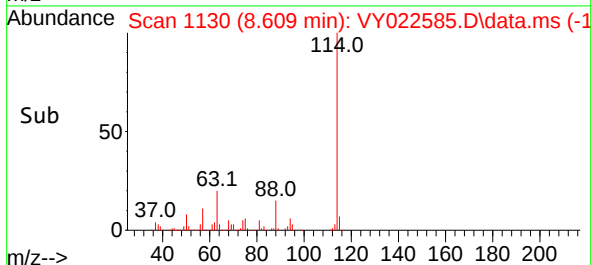
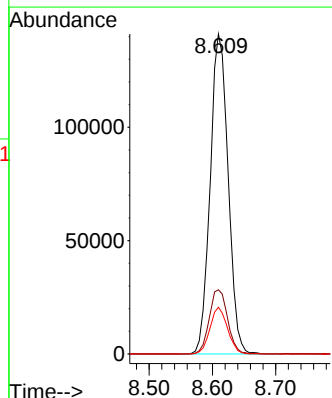
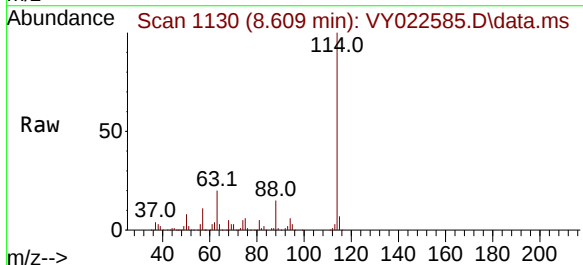
Tgt Ion: 114 Resp: 277947

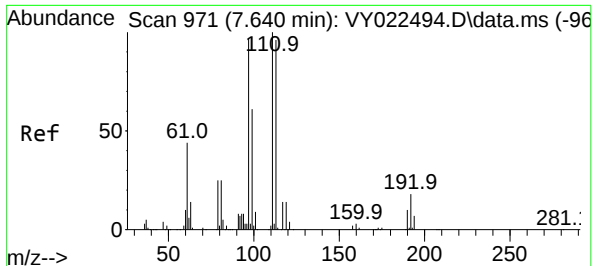
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 14.6 0.0 27.8

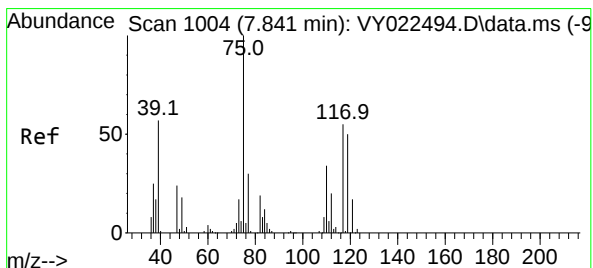
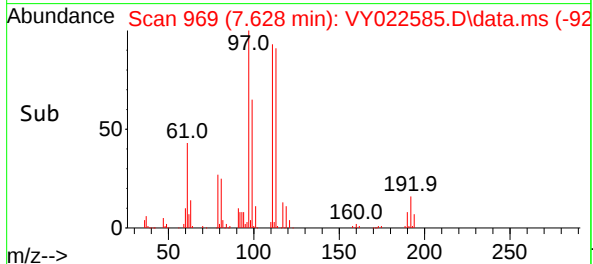
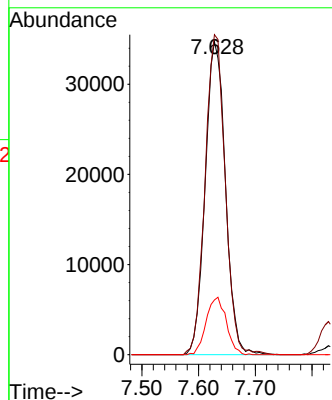
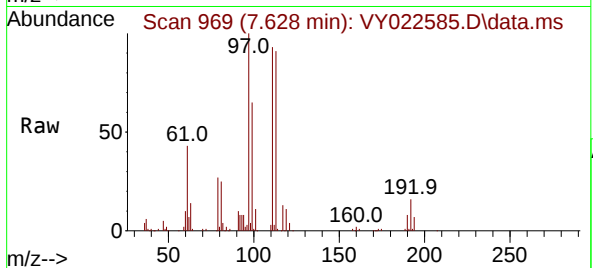




#35
Dibromofluoromethane
Concen: 51.904 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

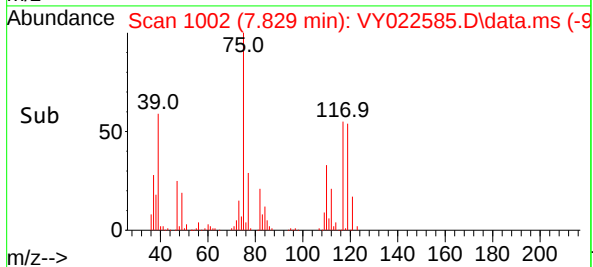
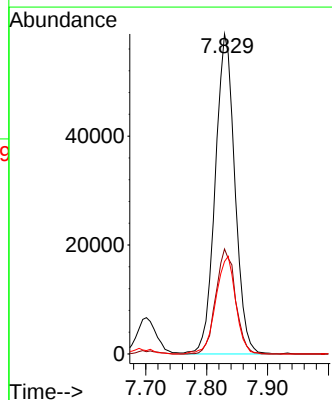
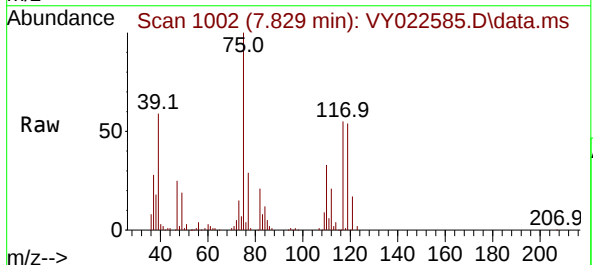
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 86109
Ion Ratio Lower Upper
113 100
111 101.6 81.1 121.7
192 18.3 14.2 21.2



#36
1,1-Dichloropropene
Concen: 48.945 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. -0.012 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 75 Resp: 131788
Ion Ratio Lower Upper
75 100
110 32.8 16.9 50.7
77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 51.861 ug/l

RT: 6.976 min Scan# 80

Delta R.T. -0.018 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

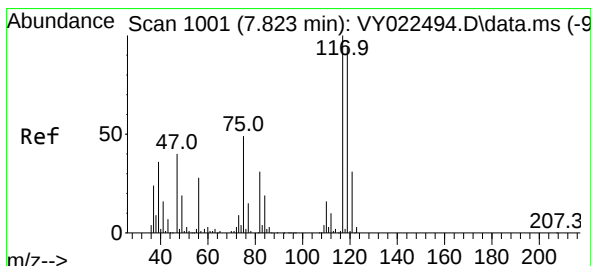
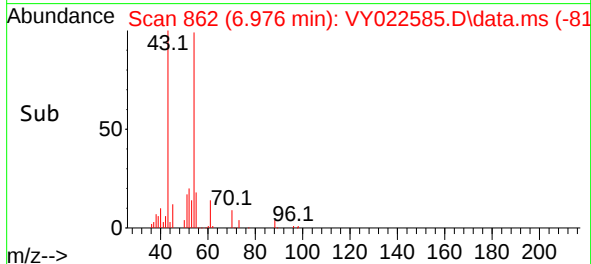
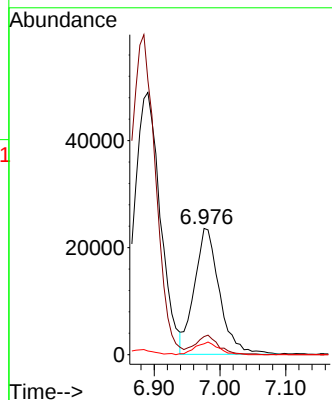
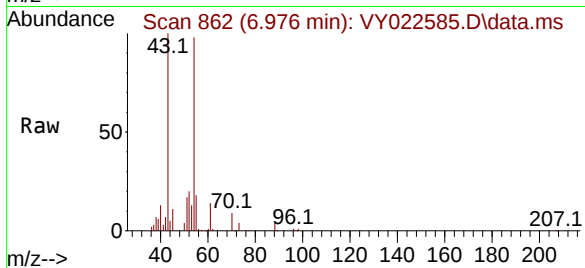
Tgt Ion: 43 Resp: 62273

Ion Ratio Lower Upper

43 100

61 14.5 11.5 17.3

70 9.4 7.2 10.8



#38

Carbon Tetrachloride

Concen: 48.173 ug/l

RT: 7.811 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

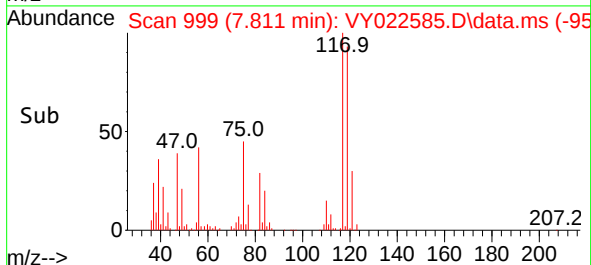
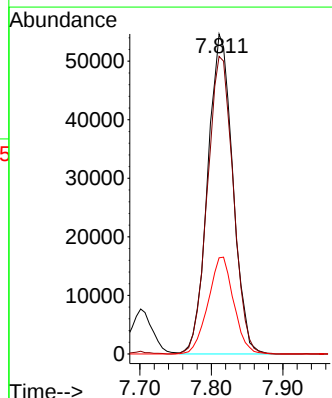
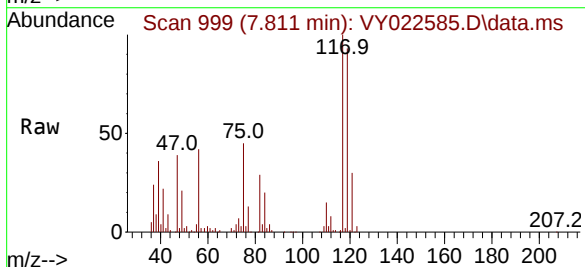
Tgt Ion: 117 Resp: 133064

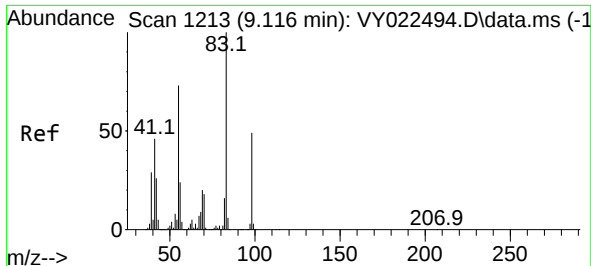
Ion Ratio Lower Upper

117 100

119 93.0 75.0 112.6

121 30.0 25.0 37.4





#39

Methylcyclohexane

Concen: 46.207 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

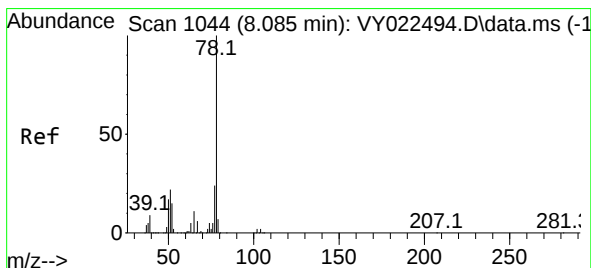
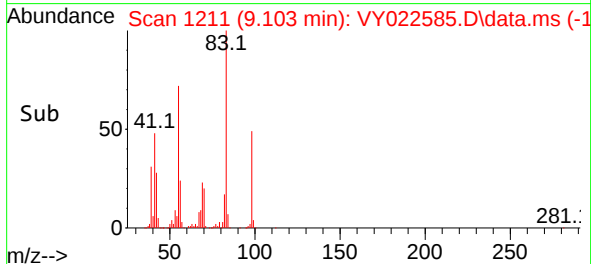
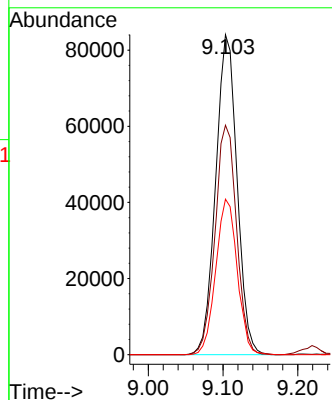
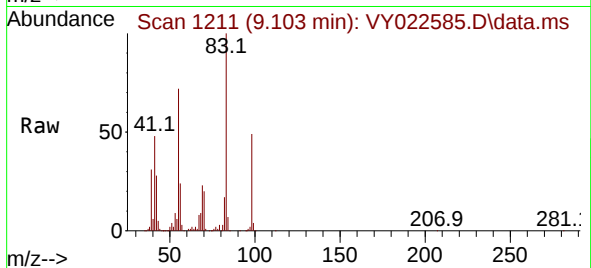
Tgt Ion: 83 Resp: 167195

Ion Ratio Lower Upper

83 100

55 71.7 58.1 87.1

98 48.6 39.0 58.6



#40

Benzene

Concen: 51.329 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.012 min

Lab File: VY022585.D

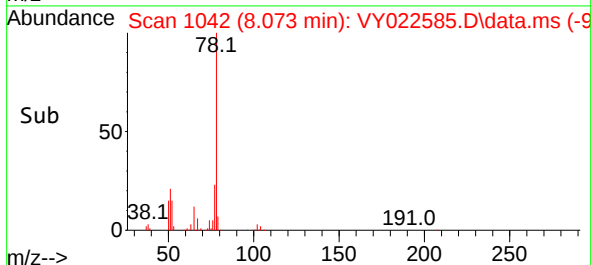
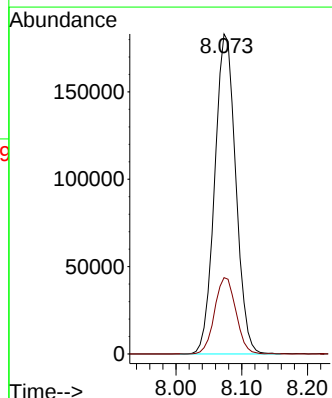
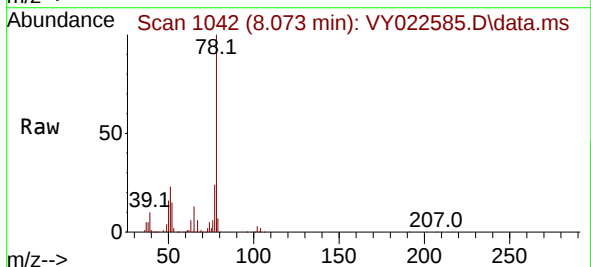
Acq: 05 Jun 2025 19:51

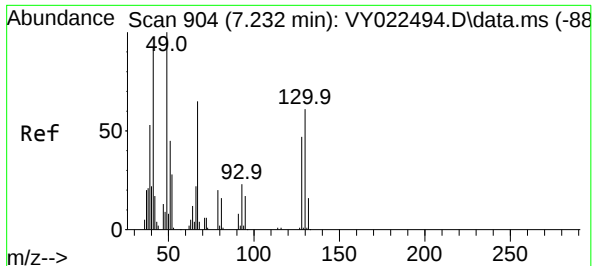
Tgt Ion: 78 Resp: 408205

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9

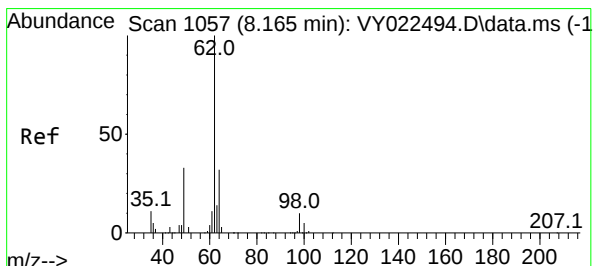
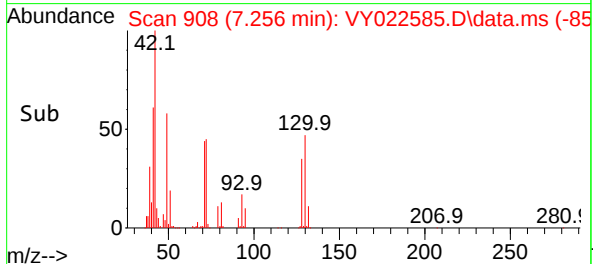
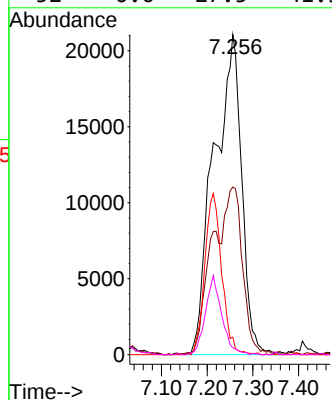
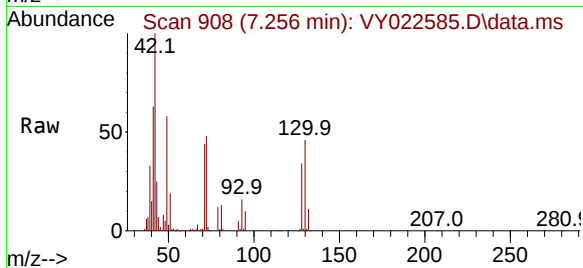




#41
Methacrylonitrile
Concen: 126.374 ug/l
RT: 7.256 min Scan# 904
Delta R.T. 0.024 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

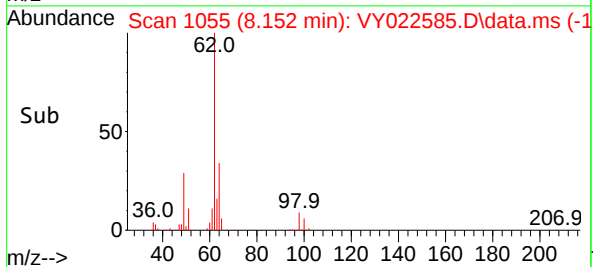
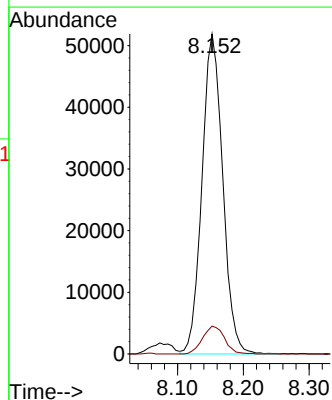
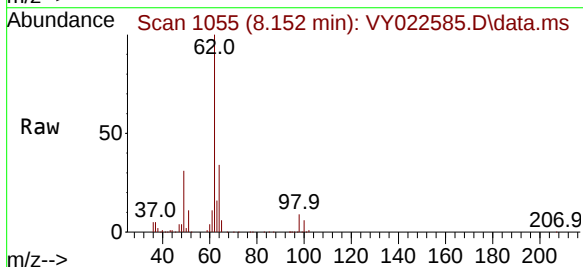
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

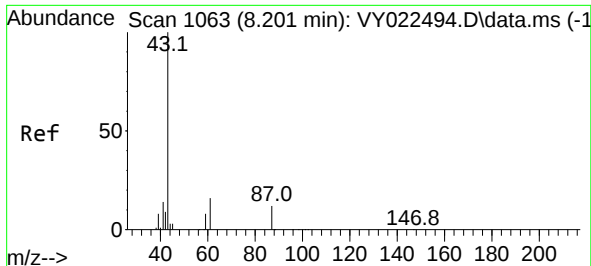
Tgt Ion: 41 Resp: 88635
Ion Ratio Lower Upper
41 100
39 33.1 46.6 69.8#
67 0.0 63.3 94.9#
52 0.0 27.5 41.3#



#42
1,2-Dichloroethane
Concen: 52.455 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 62 Resp: 113904
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.2

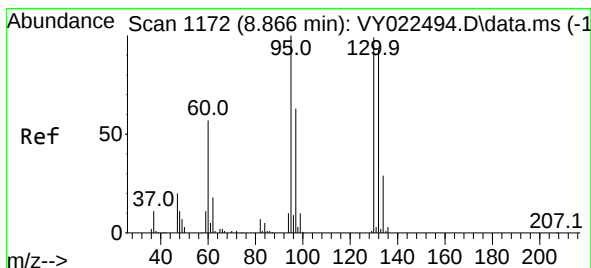
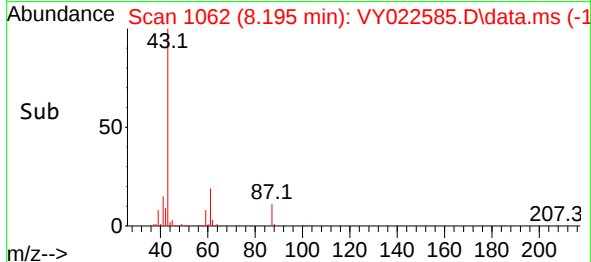
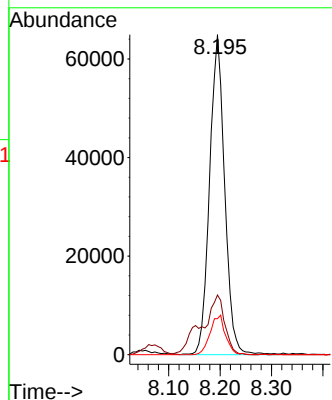
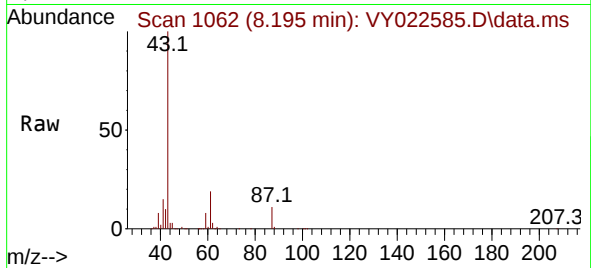




#43
Isopropyl Acetate
Concen: 51.013 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

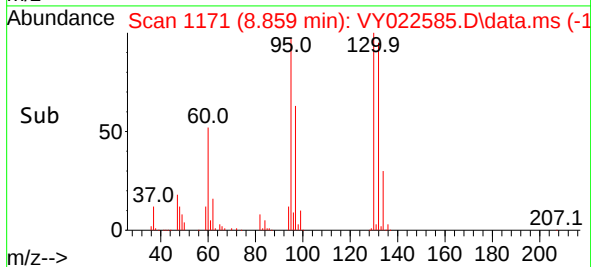
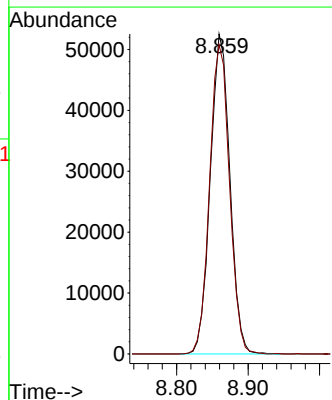
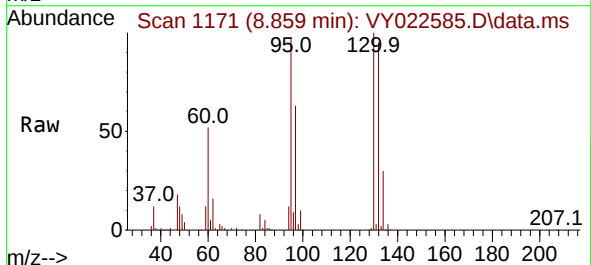
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

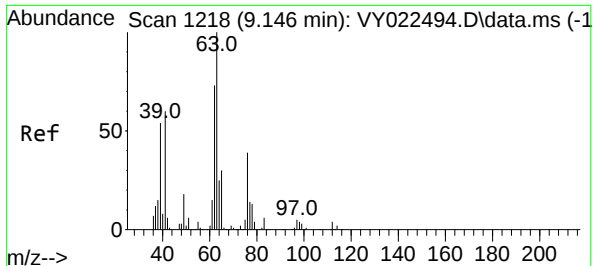
Tgt Ion: 43 Resp: 132292
Ion Ratio Lower Upper
43 100
61 18.2 15.6 23.4
87 12.6 10.2 15.4



#44
Trichloroethene
Concen: 51.374 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion:130 Resp: 99856
Ion Ratio Lower Upper
130 100
95 96.6 0.0 203.0





#45

1,2-Dichloropropane

Concen: 51.448 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Instrument :

MSVOA_Y

ClientSampleId :

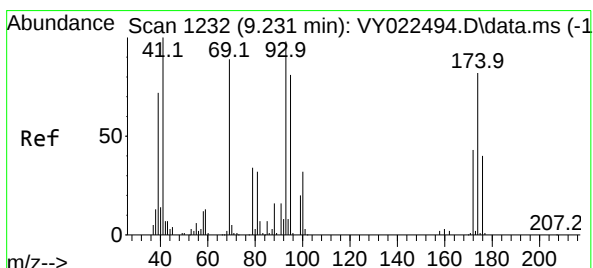
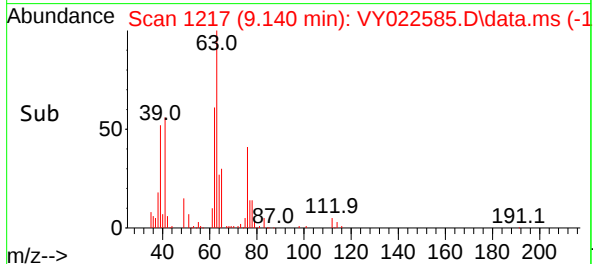
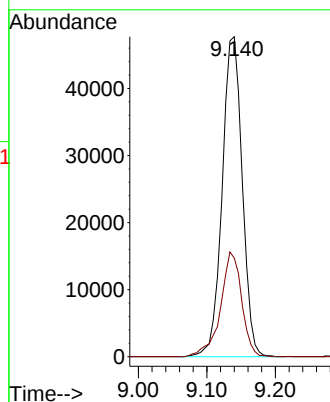
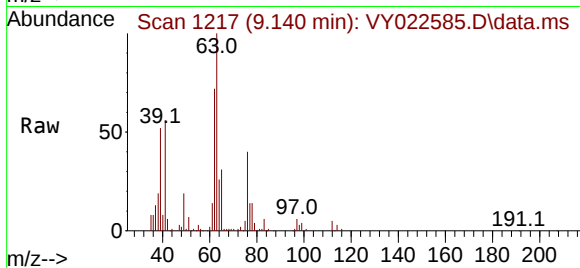
VSTDCCC050EC

Tgt Ion: 63 Resp: 96697

Ion Ratio Lower Upper

63 100

65 30.8 24.0 36.0



#46

Dibromomethane

Concen: 53.614 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

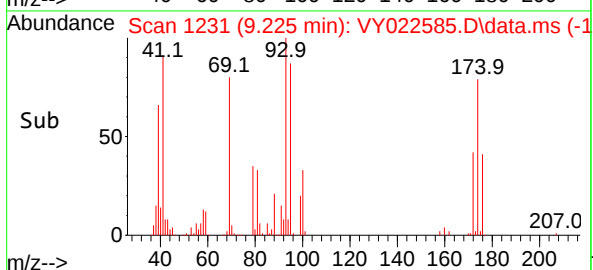
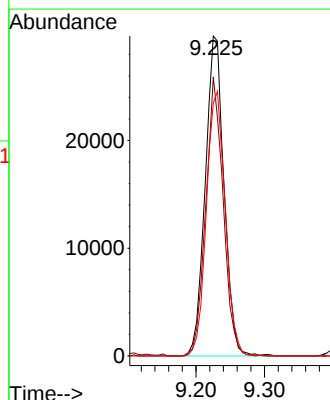
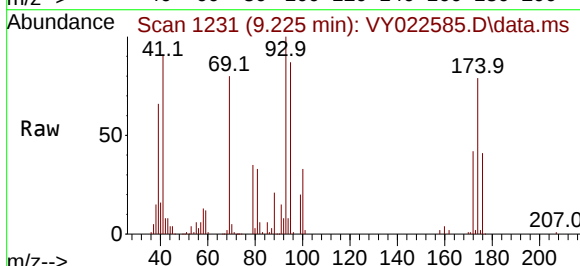
Tgt Ion: 93 Resp: 56691

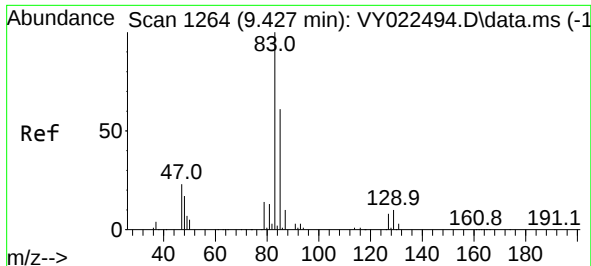
Ion Ratio Lower Upper

93 100

95 81.2 65.6 98.4

174 83.0 70.4 105.6

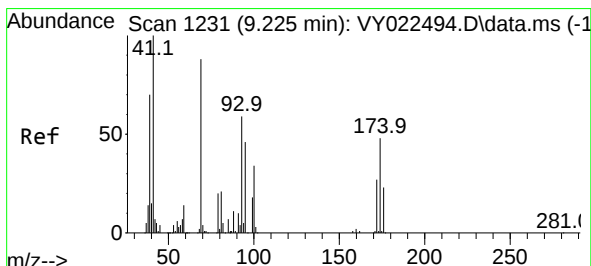
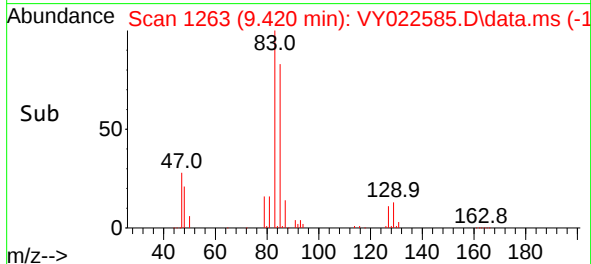
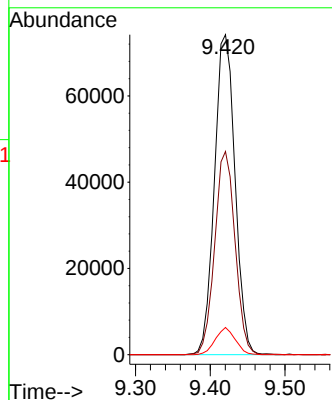
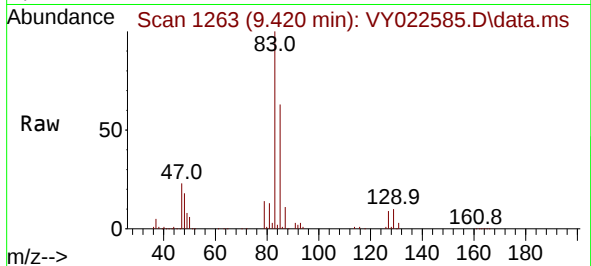




#47
Bromodichloromethane
Concen: 52.893 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

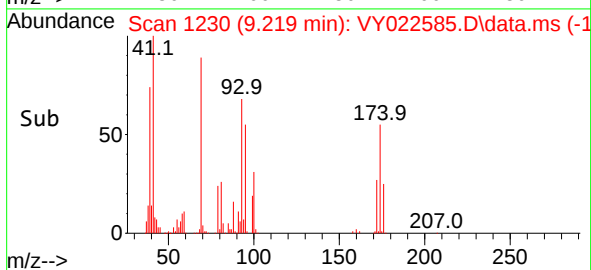
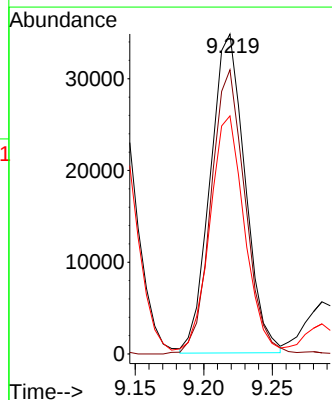
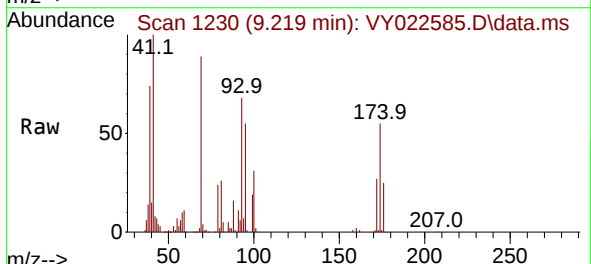
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

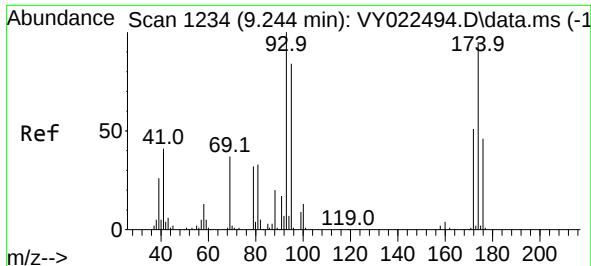
Tgt Ion: 83 Resp: 141815
Ion Ratio Lower Upper
83 100
85 63.5 49.1 73.7
127 8.5 6.2 9.4



#48
Methyl methacrylate
Concen: 50.564 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 41 Resp: 61542
Ion Ratio Lower Upper
41 100
69 86.9 67.8 101.8
39 72.1 55.0 82.4





#49

1,4-Dioxane

Concen: 1110.094 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

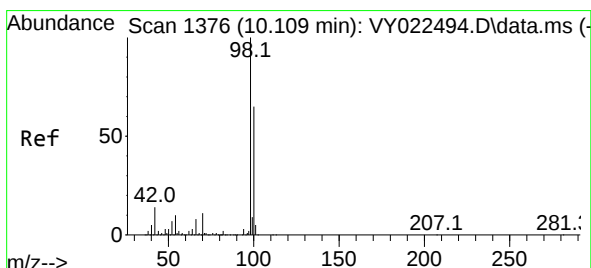
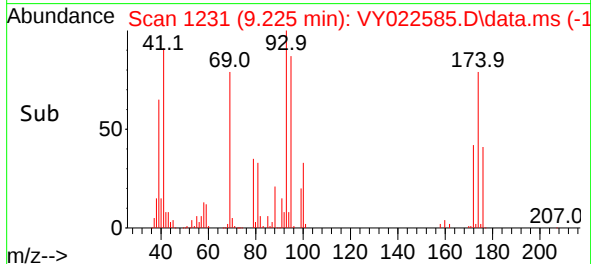
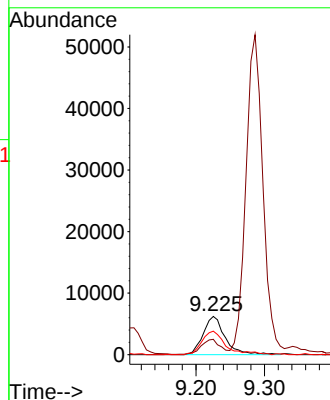
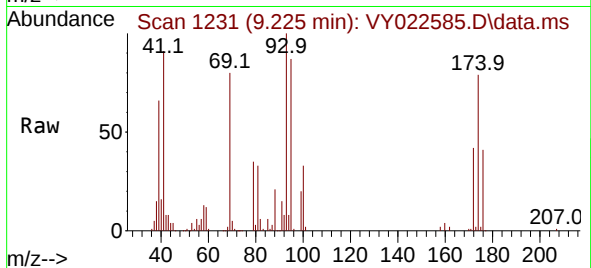
Tgt Ion: 88 Resp: 13906

Ion Ratio Lower Upper

88 100

43 34.1 25.4 38.2

58 66.2 54.9 82.3



#50

Toluene-d8

Concen: 51.061 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022585.D

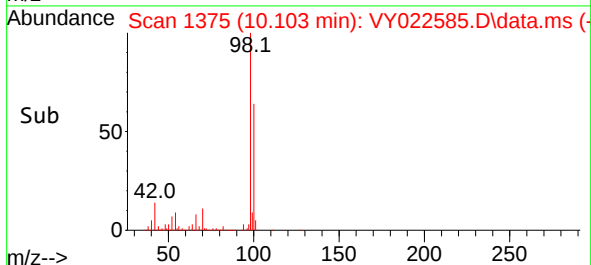
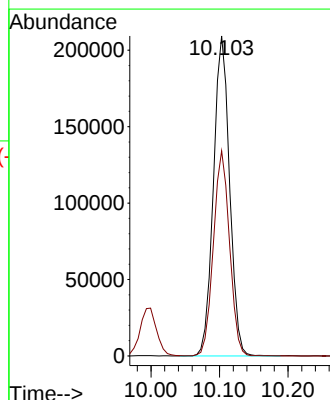
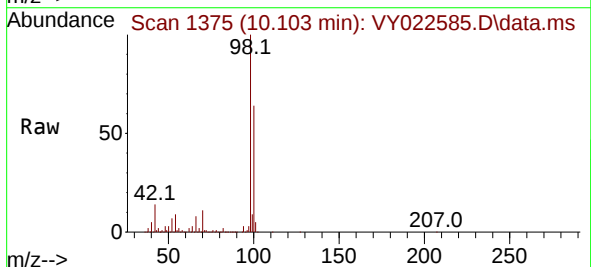
Acq: 05 Jun 2025 19:51

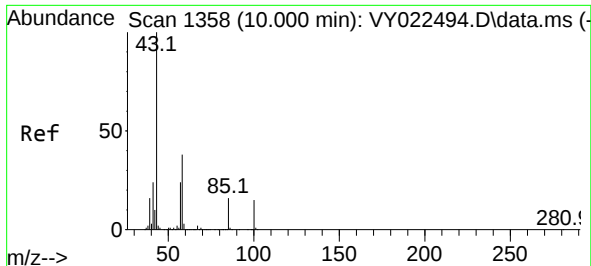
Tgt Ion: 98 Resp: 342282

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0

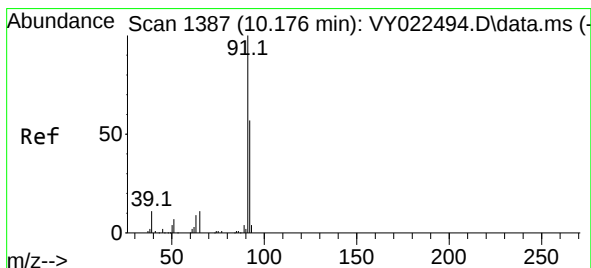
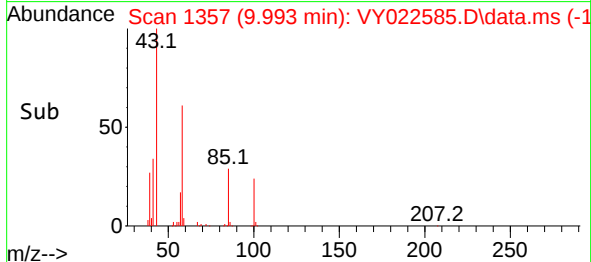
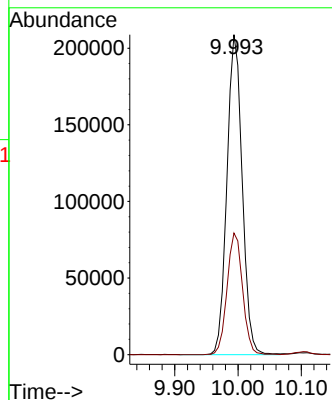
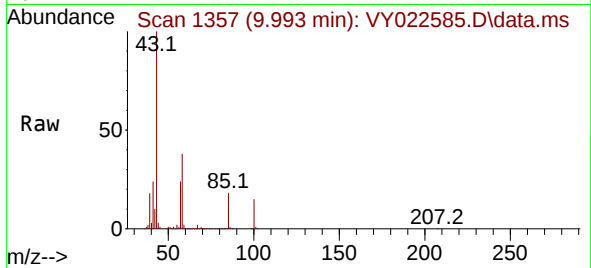




#51
4-Methyl-2-Pentanone
Concen: 270.358 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

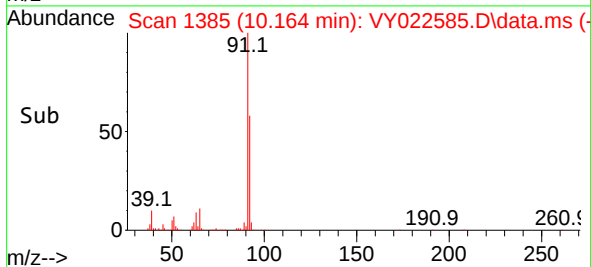
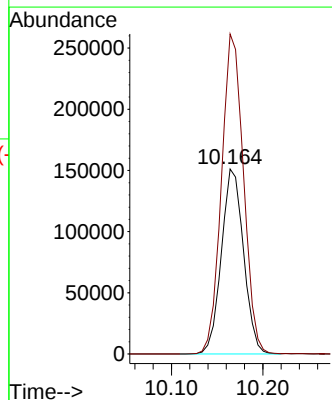
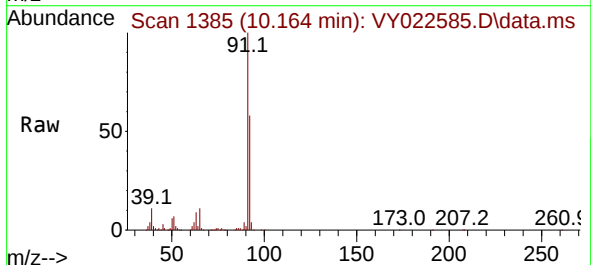
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

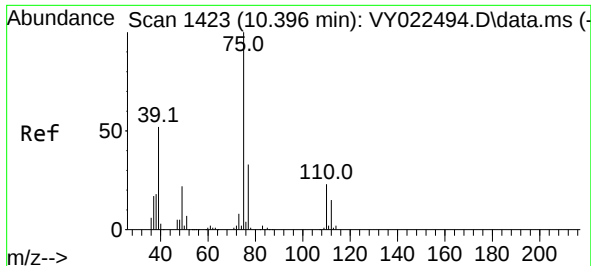
Tgt Ion: 43 Resp: 349557
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6



#52
Toluene
Concen: 51.000 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. -0.012 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 92 Resp: 254883
Ion Ratio Lower Upper
92 100
91 172.1 139.0 208.4

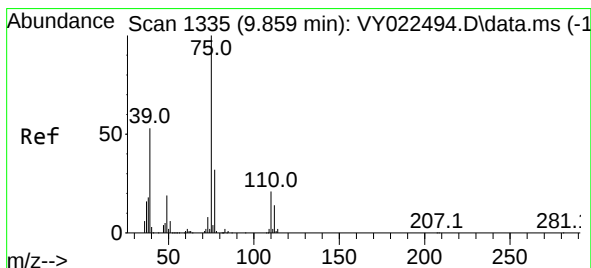
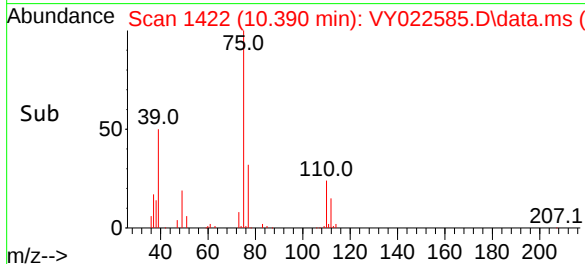
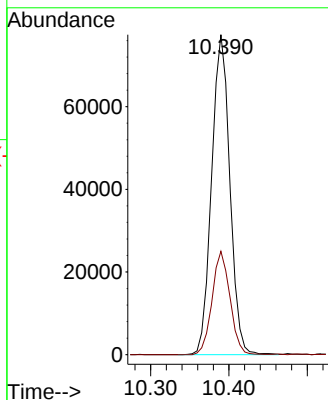
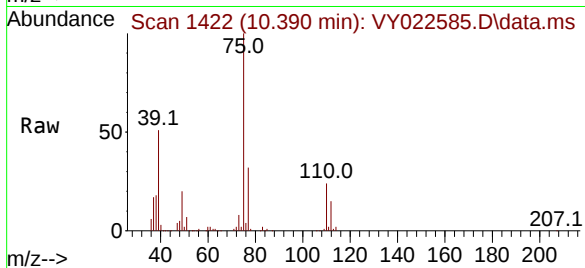




#53
t-1,3-Dichloropropene
Concen: 49.778 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

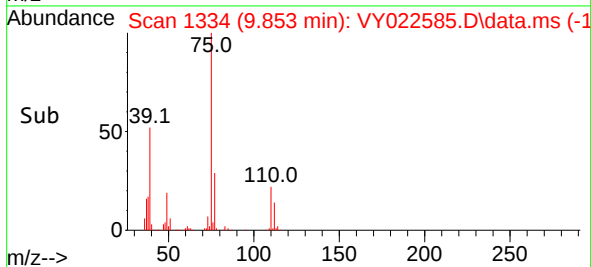
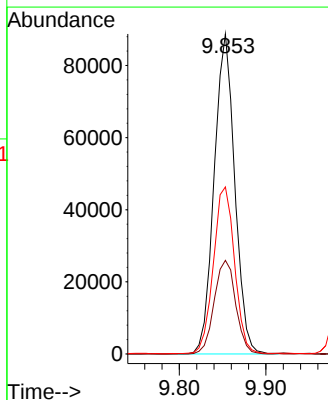
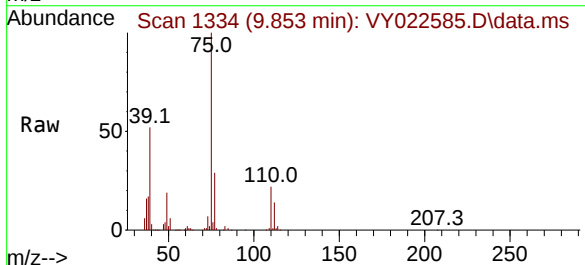
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

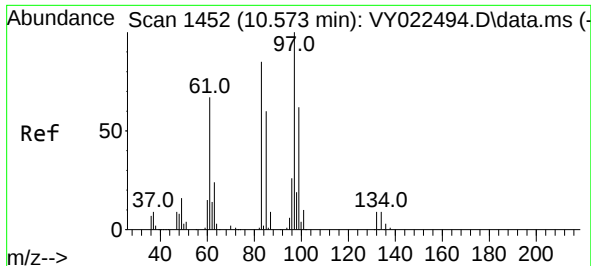
Tgt Ion: 75 Resp: 125050
Ion Ratio Lower Upper
75 100
77 32.3 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 50.079 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 75 Resp: 146445
Ion Ratio Lower Upper
75 100
77 29.2 25.3 37.9
39 52.1 42.7 64.1

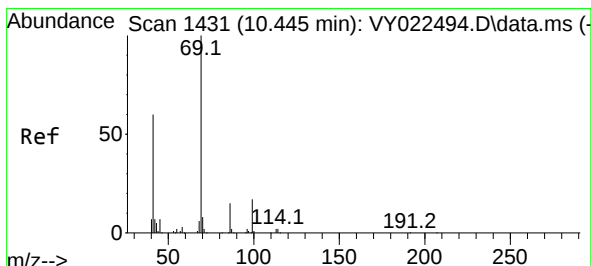
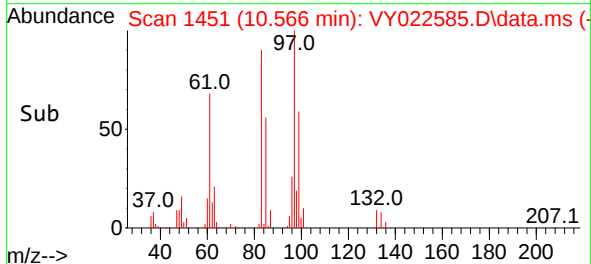
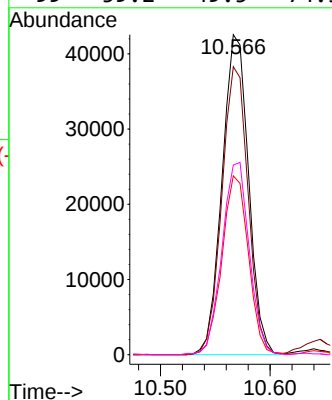
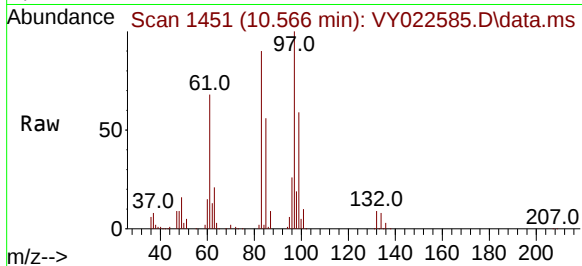




#55
1,1,2-Trichloroethane
Concen: 53.059 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

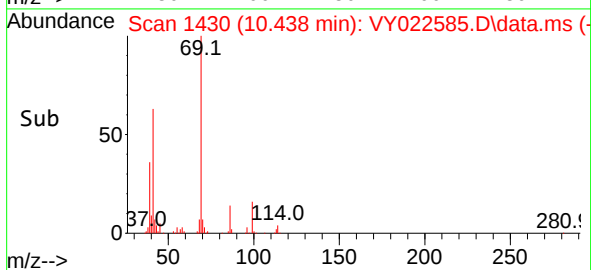
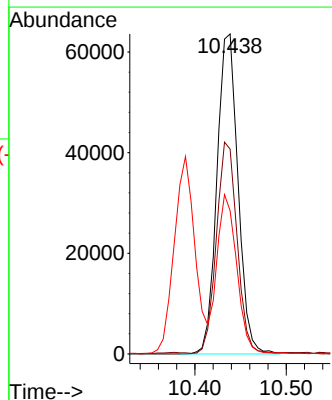
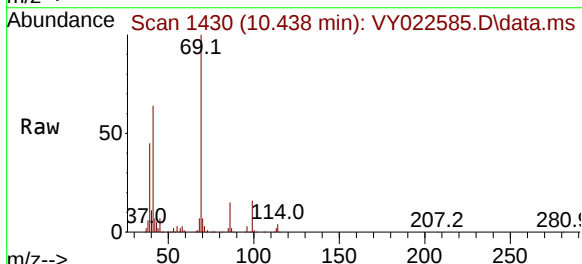
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	71539
Ion	Ratio	Lower	Upper
97	100		
83	90.0	68.1	102.1
85	55.9	48.2	72.2
99	59.2	49.5	74.3



#56
Ethyl methacrylate
Concen: 52.289 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion:	69	Resp:	101898
Ion	Ratio	Lower	Upper
69	100		
41	64.5	52.2	78.2
39	46.7	36.7	55.1





#57

1,3-Dichloropropane

Concen: 53.008 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Instrument :

MSVOA_Y

ClientSampleId :

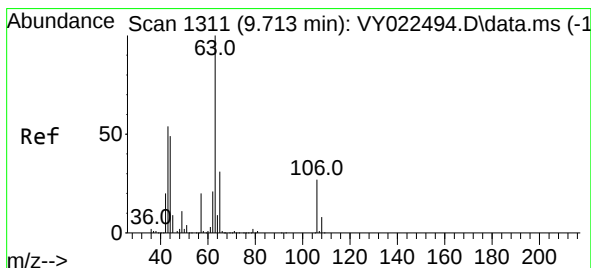
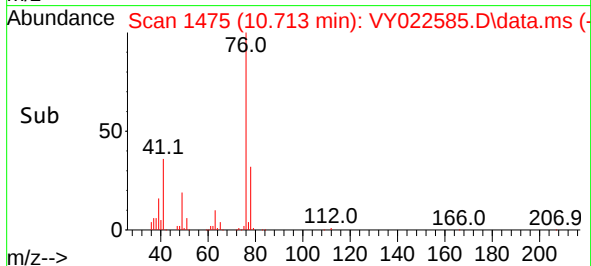
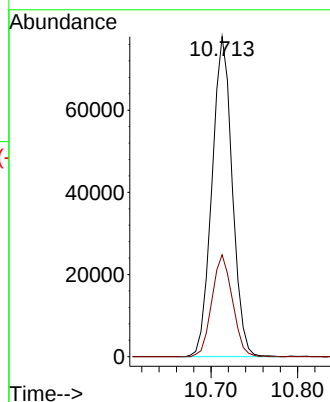
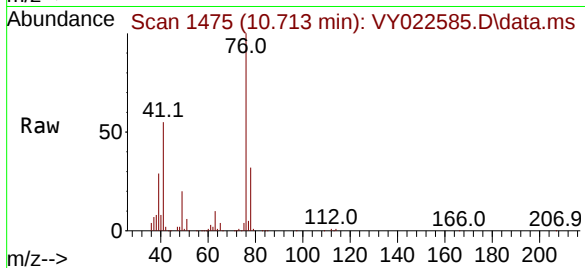
VSTDCCC050EC

Tgt Ion: 76 Resp: 126675

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 290.785 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022585.D

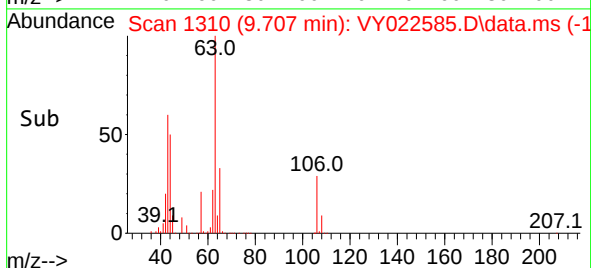
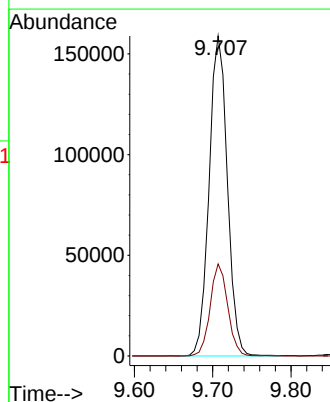
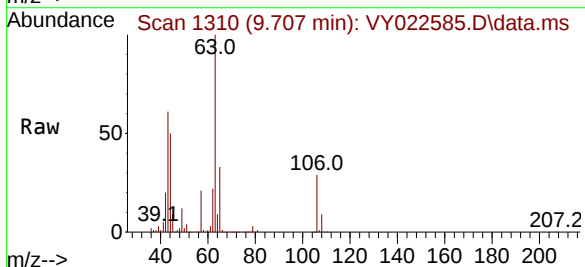
Acq: 05 Jun 2025 19:51

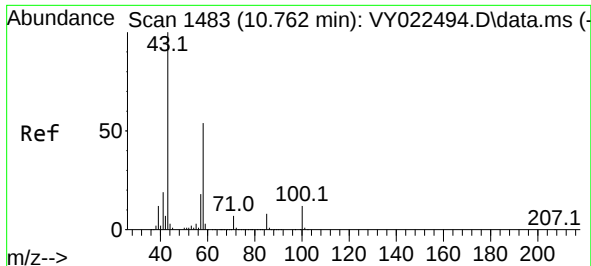
Tgt Ion: 63 Resp: 257277

Ion Ratio Lower Upper

63 100

106 27.5 21.6 32.4

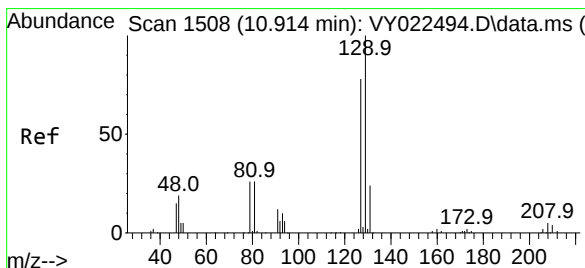
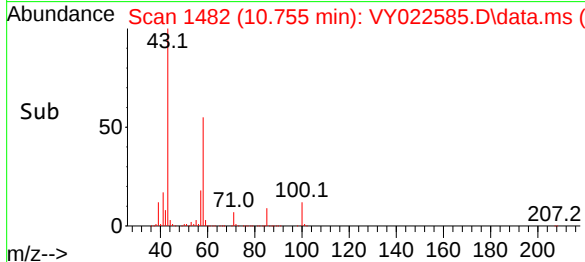
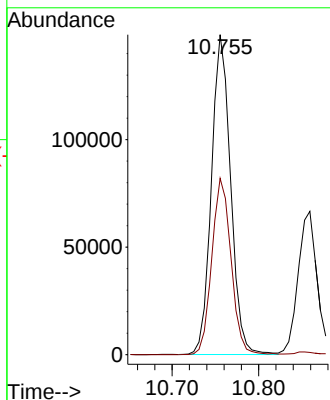
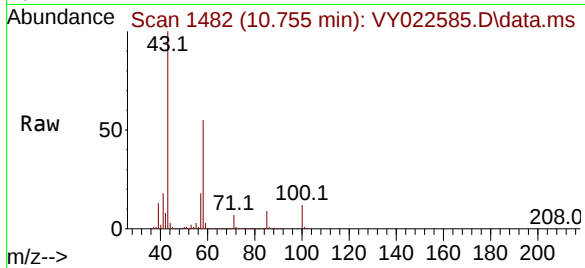




#59
2-Hexanone
Concen: 264.584 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

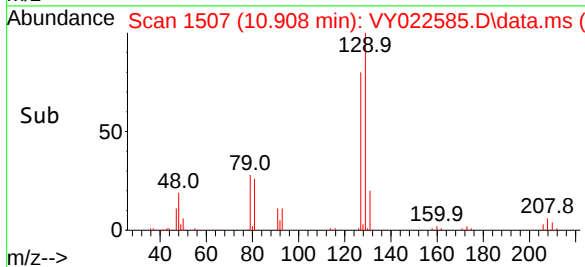
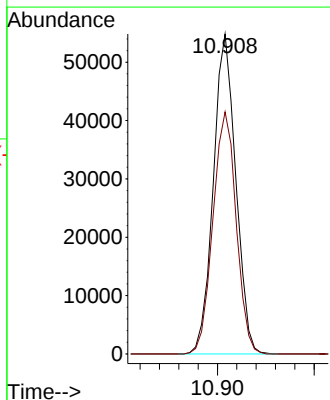
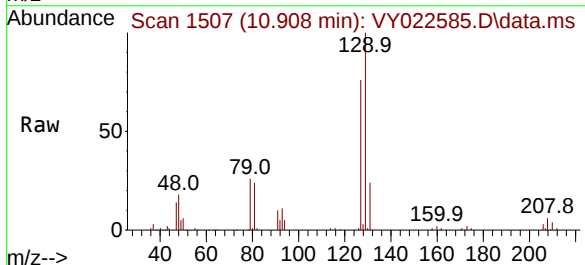
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

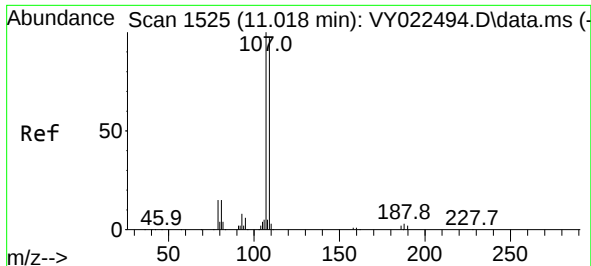
Tgt Ion: 43 Resp: 228788
Ion Ratio Lower Upper
43 100
58 55.3 27.3 81.8



#60
Dibromochloromethane
Concen: 51.528 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 129 Resp: 88290
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2

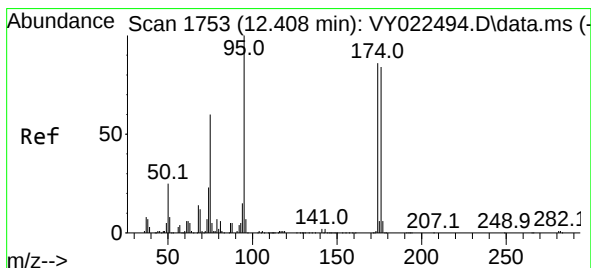
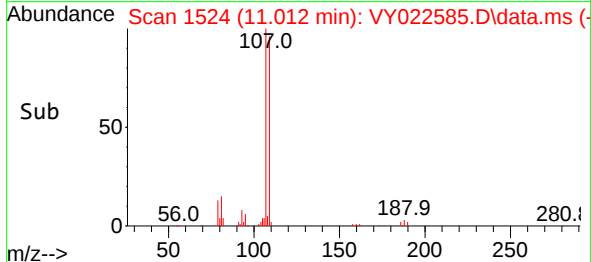
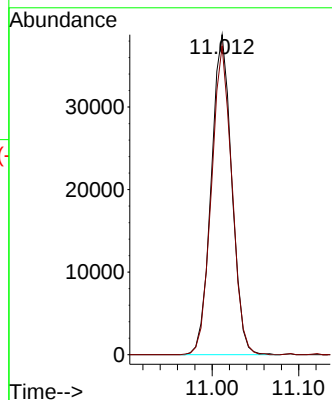
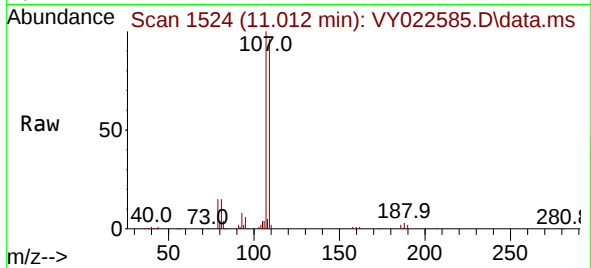




#61
1,2-Dibromoethane
Concen: 51.894 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

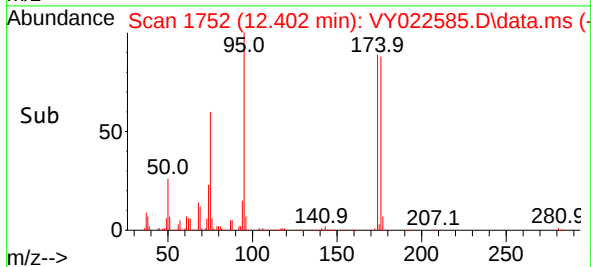
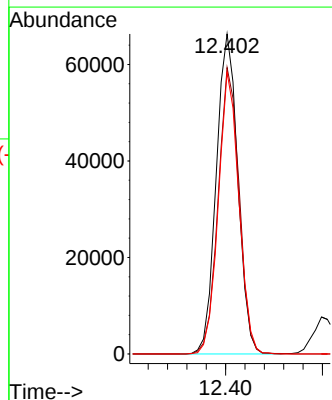
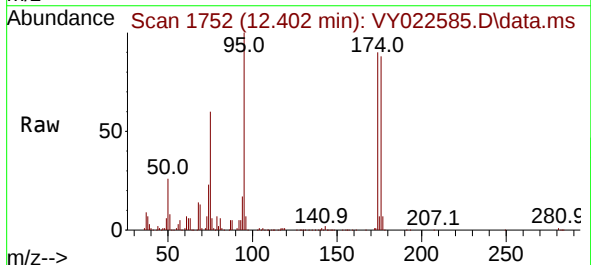
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

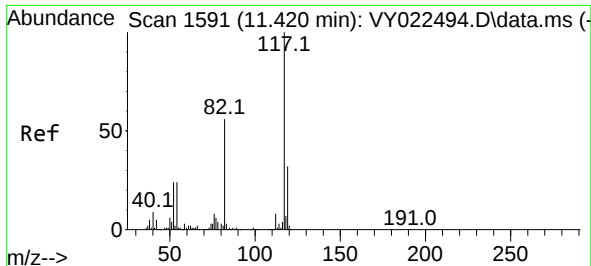
Tgt Ion:107 Resp: 63773
Ion Ratio Lower Upper
107 100
109 95.9 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 51.272 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 95 Resp: 102406
Ion Ratio Lower Upper
95 100
174 87.1 0.0 170.0
176 83.9 0.0 166.2

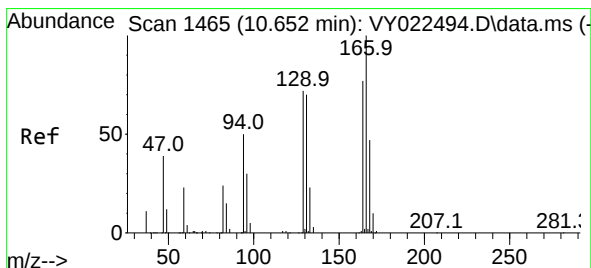
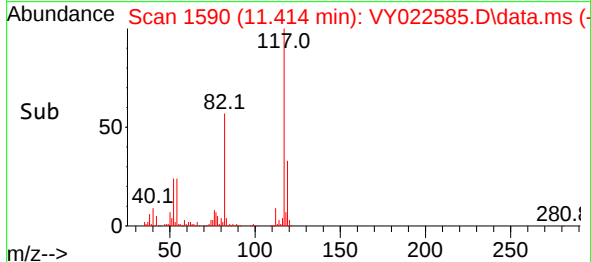
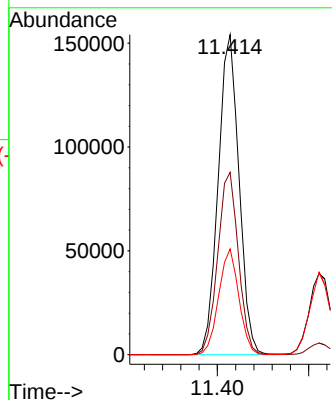
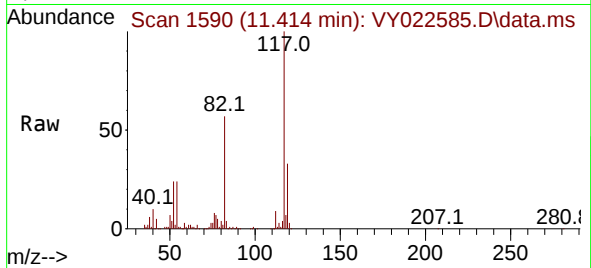




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

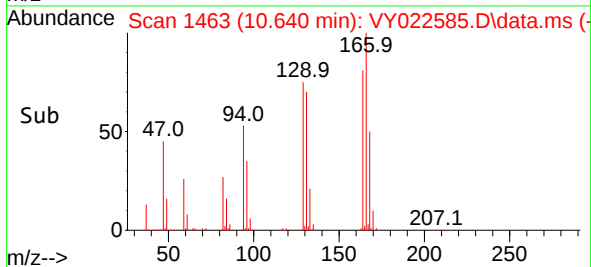
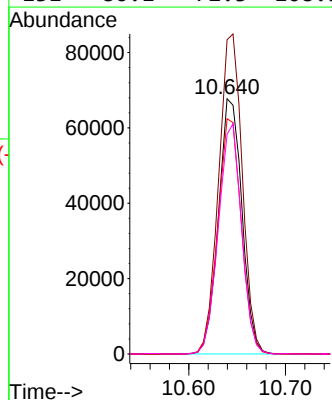
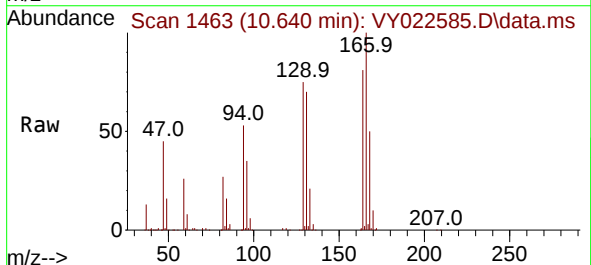
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

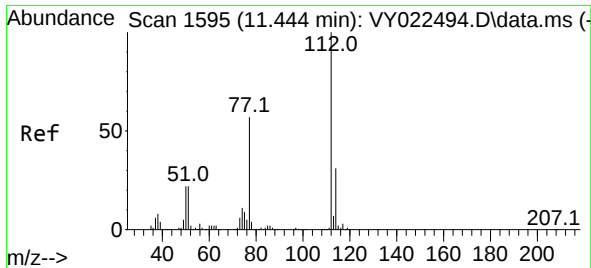
Tgt Ion:117 Resp: 244124
Ion Ratio Lower Upper
117 100
82 57.0 44.6 66.8
119 33.0 25.4 38.0



#64
Tetrachloroethene
Concen: 54.242 ug/l
RT: 10.640 min Scan# 1463
Delta R.T. -0.012 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion:164 Resp: 113908
Ion Ratio Lower Upper
164 100
166 123.1 104.0 156.0
129 92.2 74.5 111.7
131 86.1 72.3 108.5

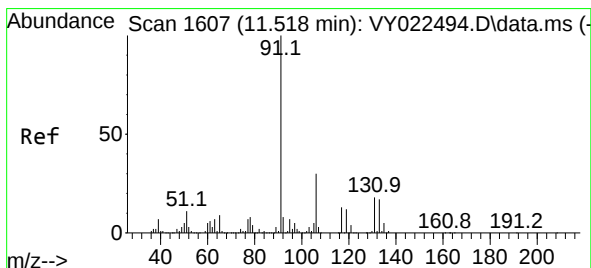
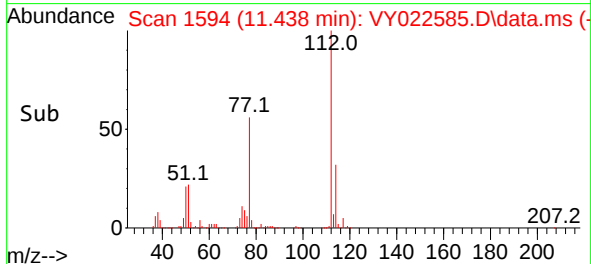
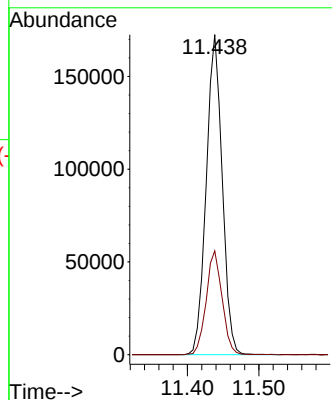
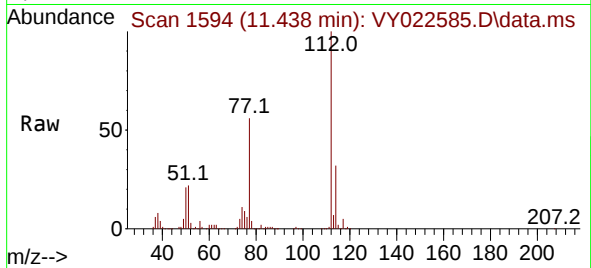




#65
Chlorobenzene
Concen: 49.525 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

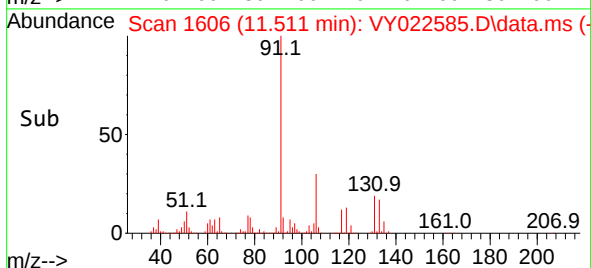
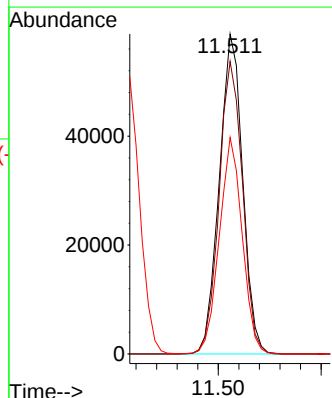
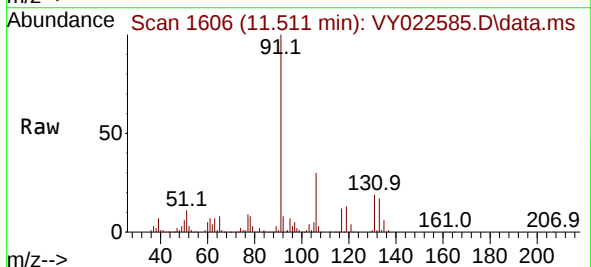
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

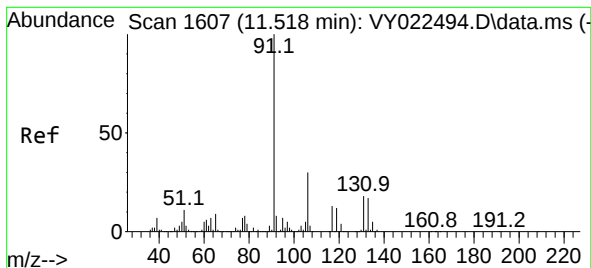
Tgt Ion:112 Resp: 267544
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.919 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion:131 Resp: 92665
Ion Ratio Lower Upper
131 100
133 91.7 47.3 141.8
119 66.3 33.1 99.3





#67

Ethyl Benzene

Concen: 48.901 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Instrument :

MSVOA_Y

ClientSampleId :

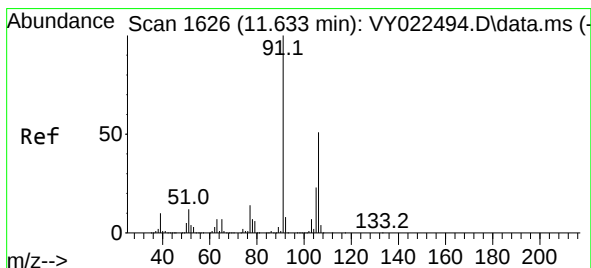
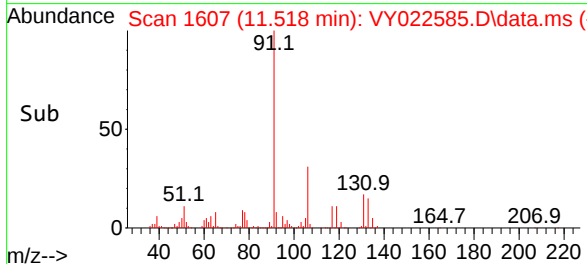
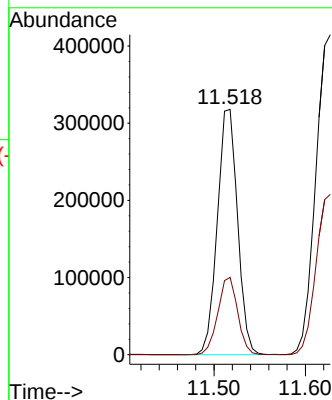
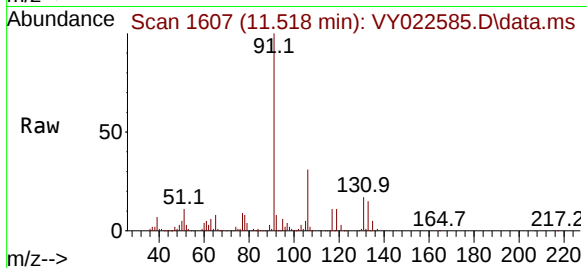
VSTDCCC050EC

Tgt Ion: 91 Resp: 489974

Ion Ratio Lower Upper

91 100

106 31.5 24.2 36.4



#68

m/p-Xylenes

Concen: 97.541 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022585.D

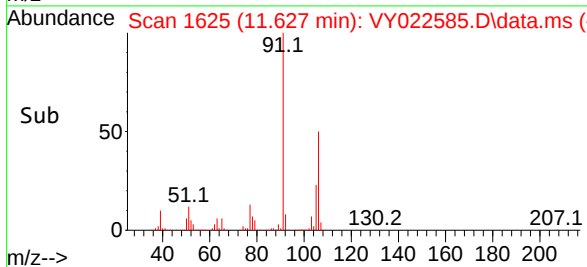
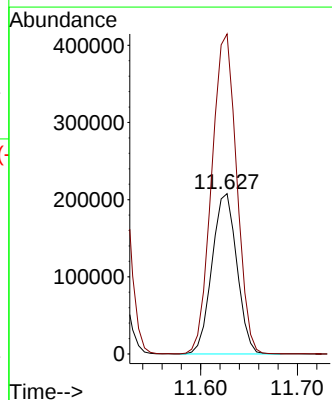
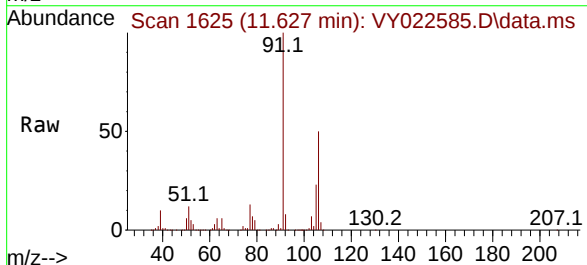
Acq: 05 Jun 2025 19:51

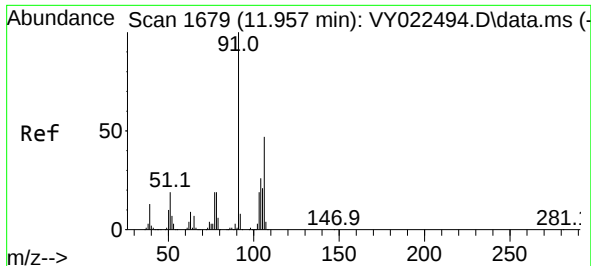
Tgt Ion:106 Resp: 370502

Ion Ratio Lower Upper

106 100

91 200.9 159.4 239.0

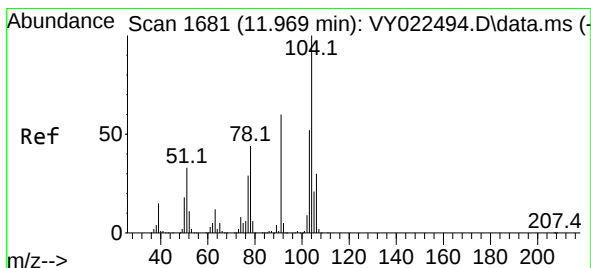
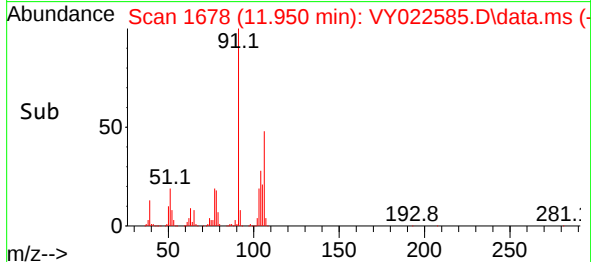
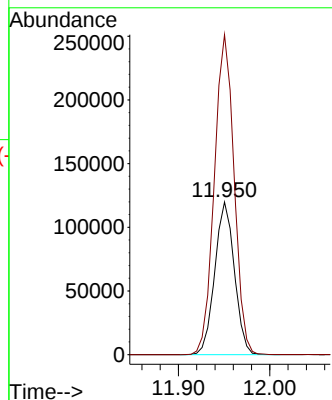
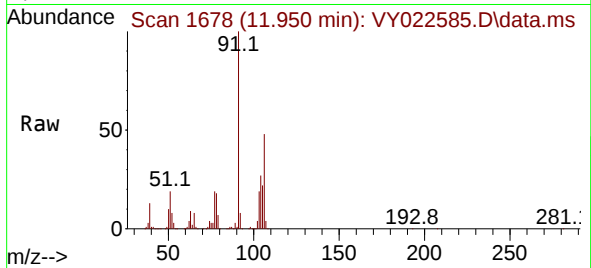




#69
o-Xylene
Concen: 50.171 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

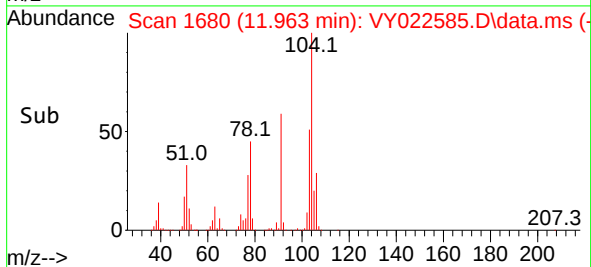
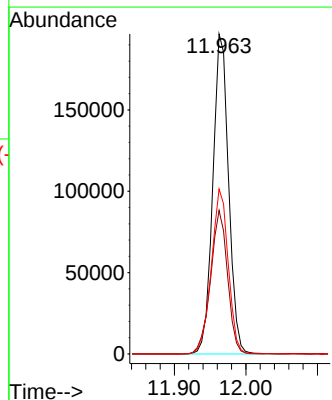
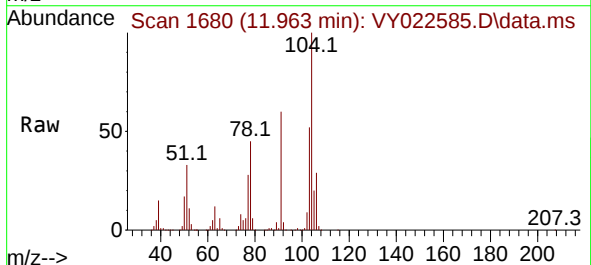
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 178674
Ion Ratio Lower Upper
106 100
91 211.3 105.8 317.3



#70
Styrene
Concen: 51.158 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion:104 Resp: 301155
Ion Ratio Lower Upper
104 100
78 48.2 39.5 59.3
103 55.3 44.1 66.1





#71

Bromoform

Concen: 49.731 ug/l

RT: 12.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

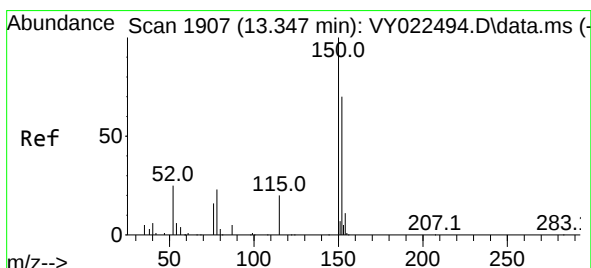
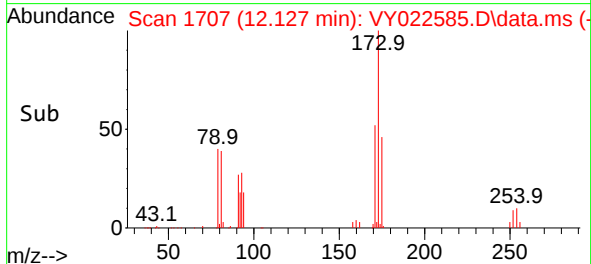
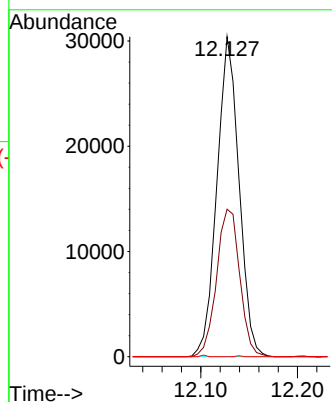
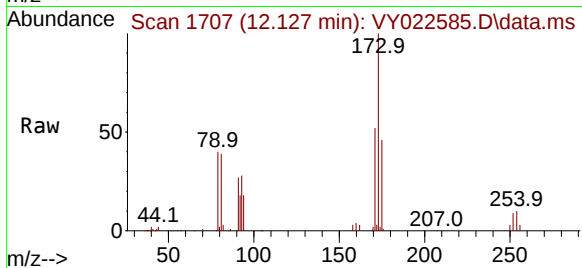
Tgt Ion:173 Resp: 48161

Ion Ratio Lower Upper

173 100

175 48.4 23.8 71.5

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

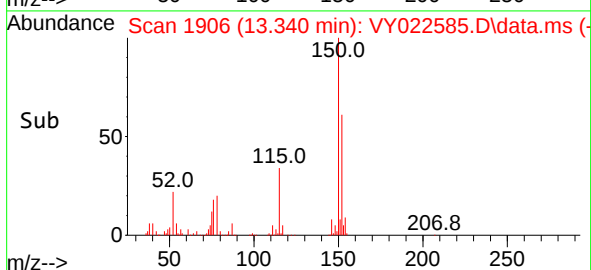
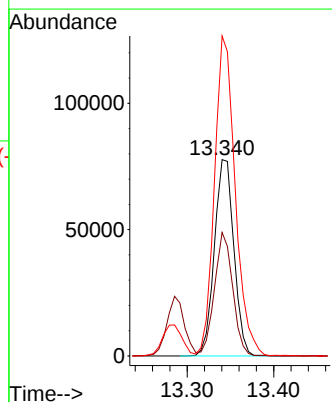
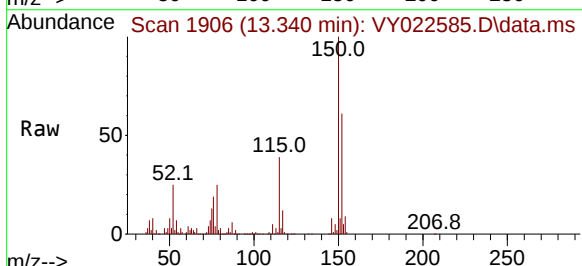
Tgt Ion:152 Resp: 121678

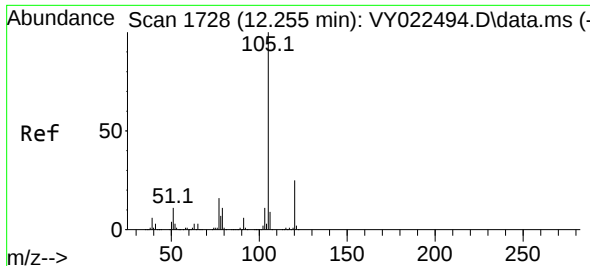
Ion Ratio Lower Upper

152 100

115 58.9 28.9 86.7

150 172.5 0.0 349.6

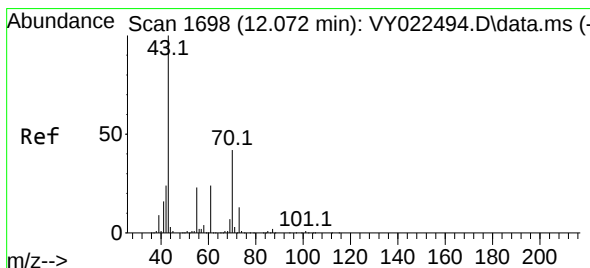
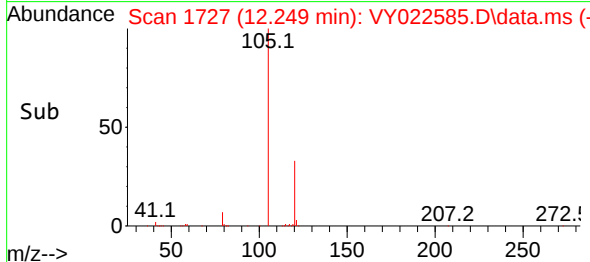
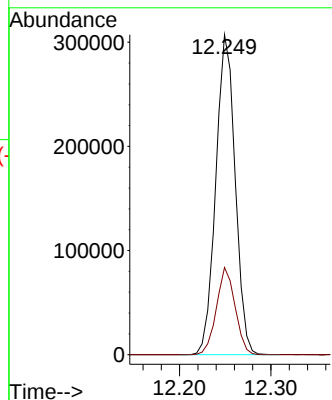
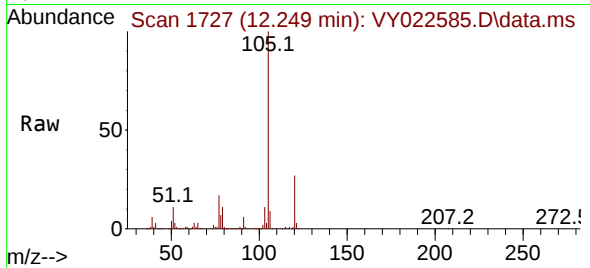




#73
Isopropylbenzene
Concen: 45.254 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

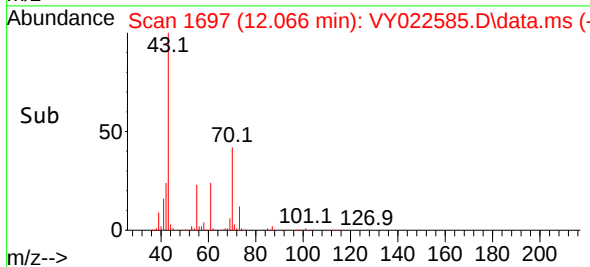
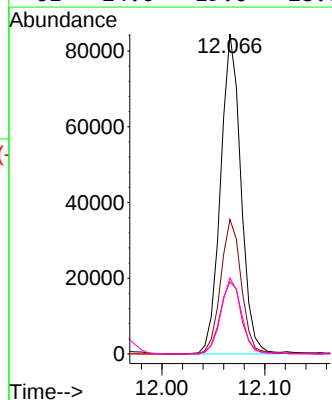
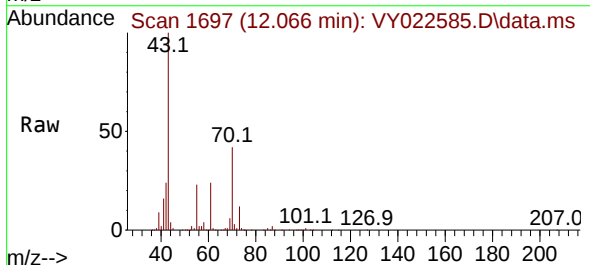
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 452074
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 46.083 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 43 Resp: 116158
Ion Ratio Lower Upper
43 100
70 42.5 34.2 51.2
55 24.2 18.2 27.4
61 24.0 19.0 28.6

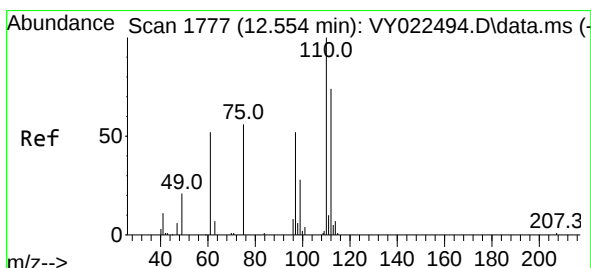
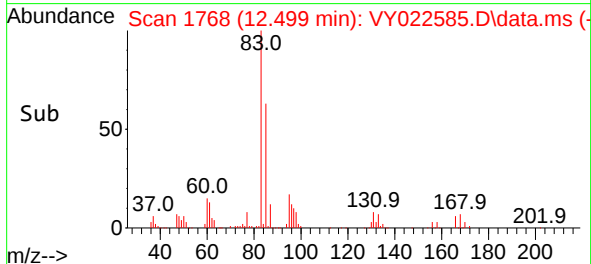
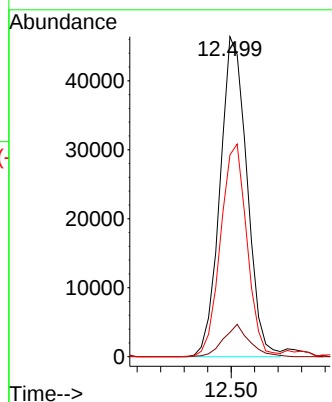
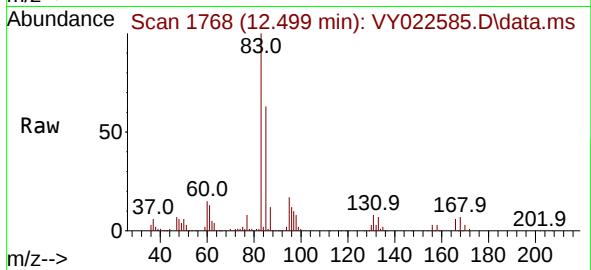




#75
1,1,2-Tetrachloroethane
Concen: 45.062 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

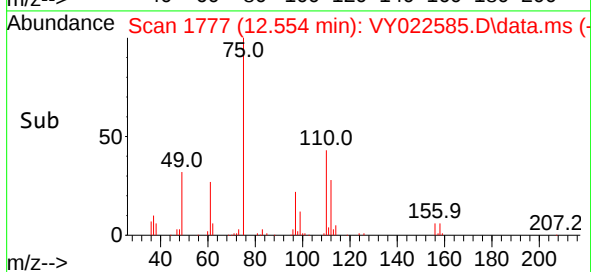
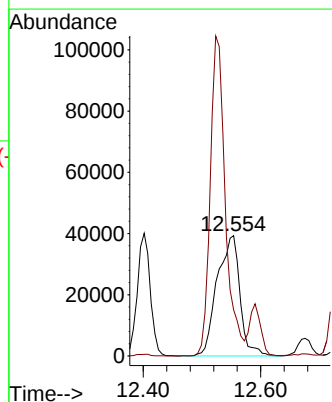
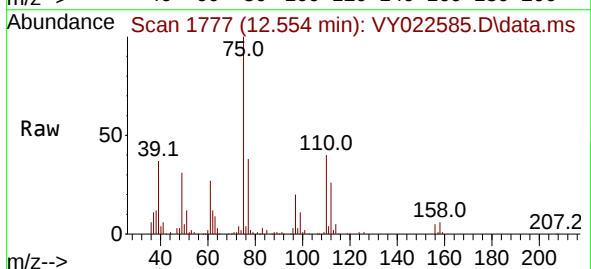
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

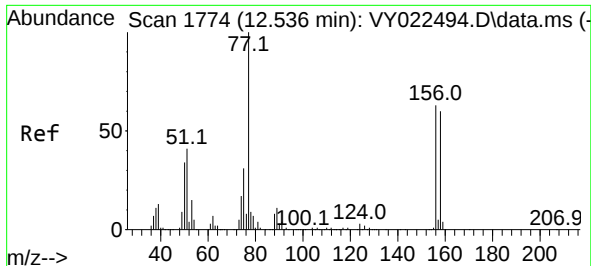
Tgt Ion: 83 Resp: 73882
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 65.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 76.022 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 75 Resp: 105826
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

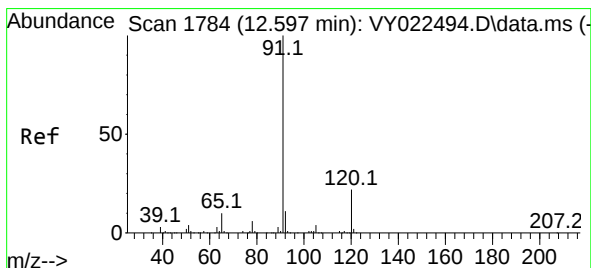
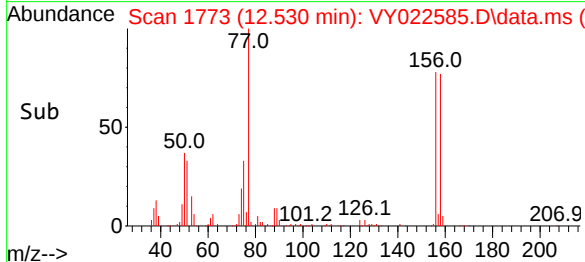
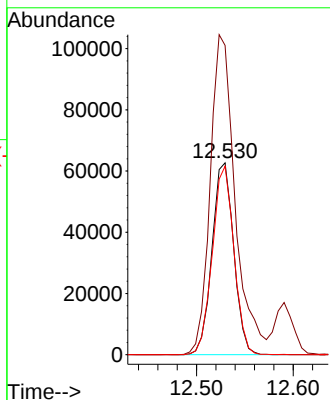
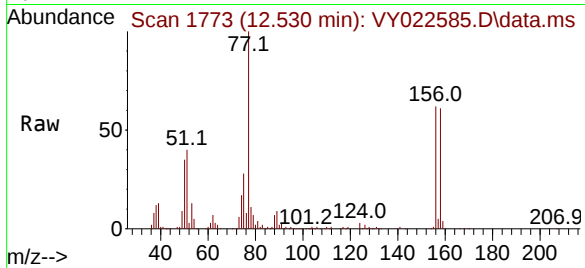




#77
Bromobenzene
Concen: 46.258 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

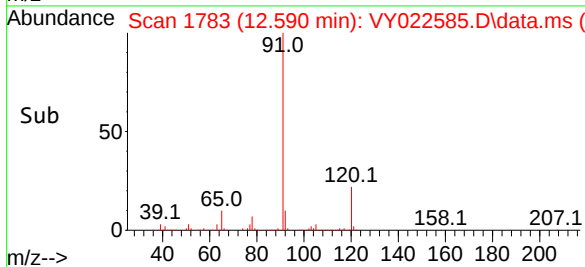
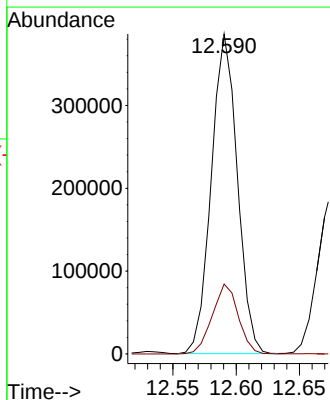
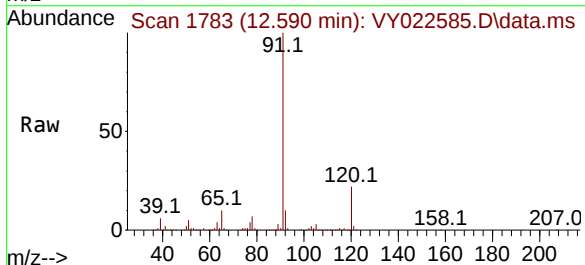
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

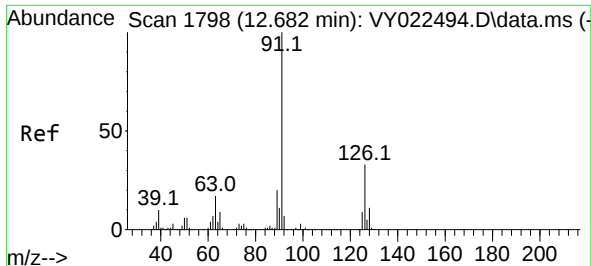
Tgt Ion:156 Resp: 97515
Ion Ratio Lower Upper
156 100
77 191.9 94.0 282.1
158 97.9 48.2 144.6



#78
n-propylbenzene
Concen: 45.268 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 91 Resp: 552332
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4

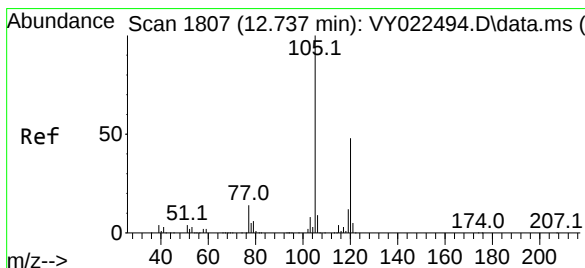
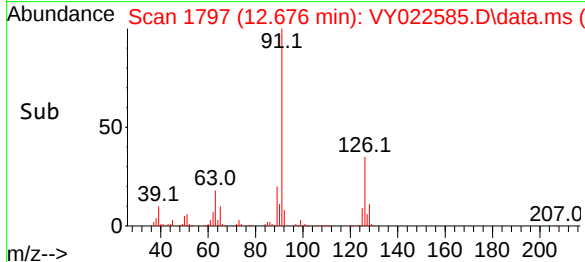
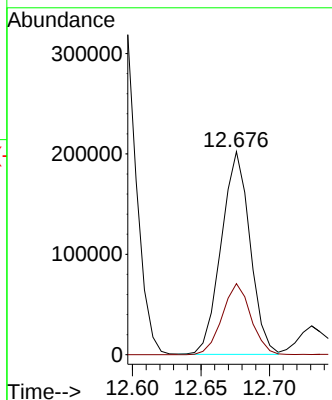
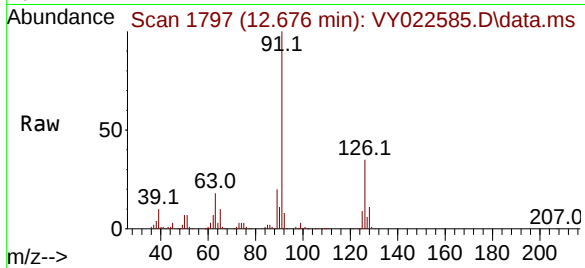




#79
2-Chlorotoluene
Concen: 45.653 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

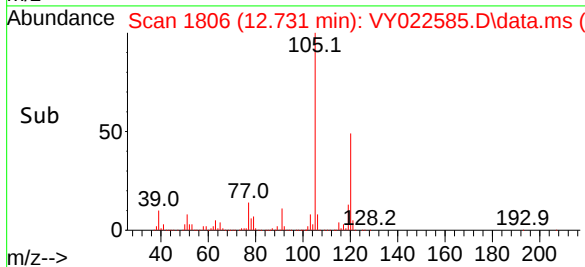
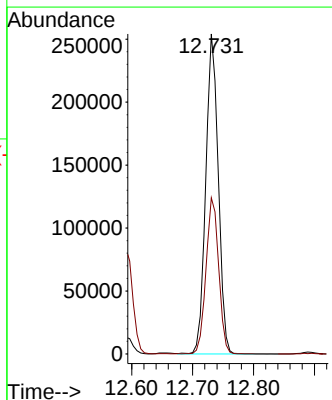
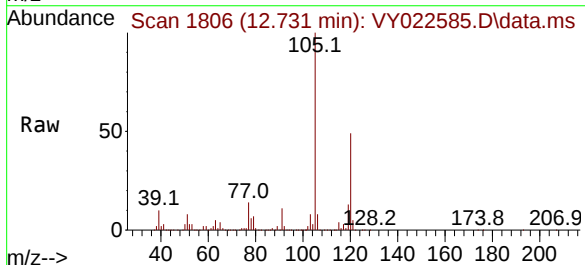
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

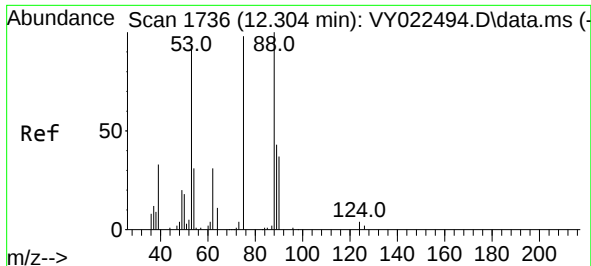
Tgt Ion: 91 Resp: 295230
Ion Ratio Lower Upper
91 100
126 35.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 46.170 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 105 Resp: 362108
Ion Ratio Lower Upper
105 100
120 49.5 24.1 72.4

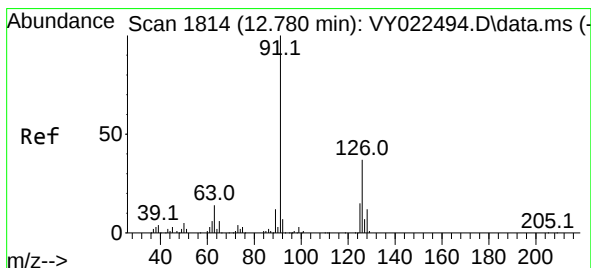
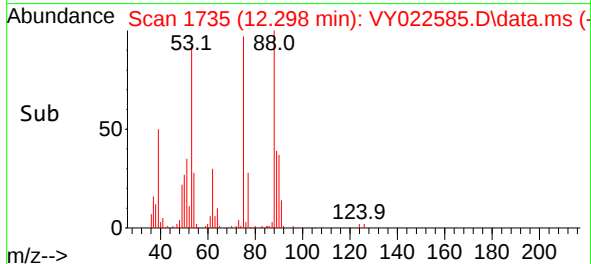
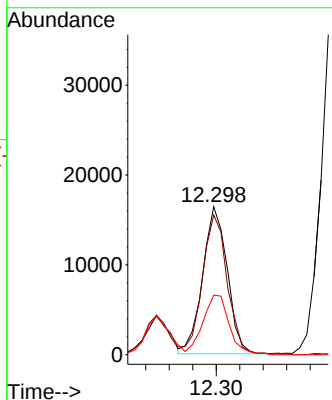
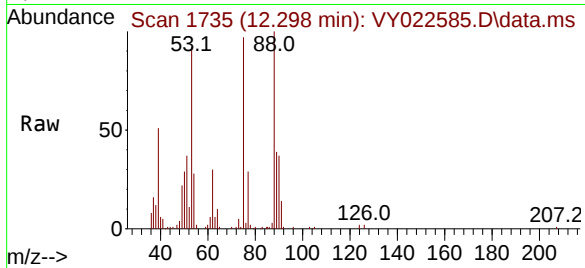




#81
trans-1,4-Dichloro-2-butene
Concen: 41.372 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

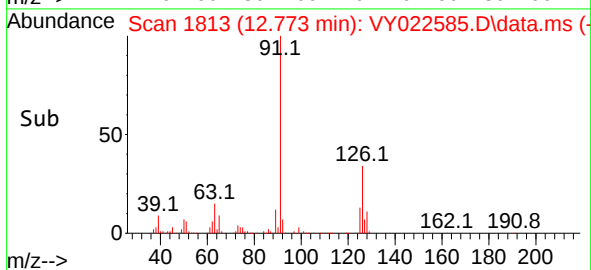
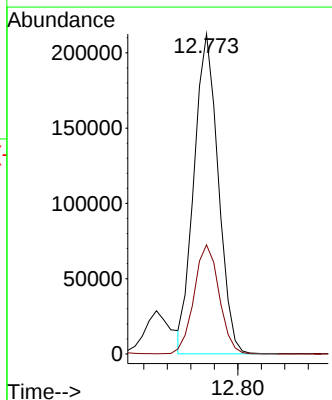
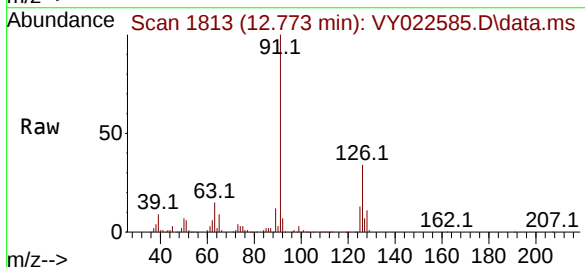
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

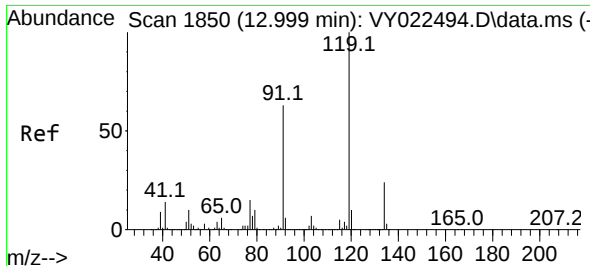
Tgt Ion: 75 Resp: 23848
Ion Ratio Lower Upper
75 100
53 97.1 78.5 117.7
89 43.2 35.7 53.5



#82
4-Chlorotoluene
Concen: 45.620 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 91 Resp: 304338
Ion Ratio Lower Upper
91 100
126 35.4 17.0 50.9

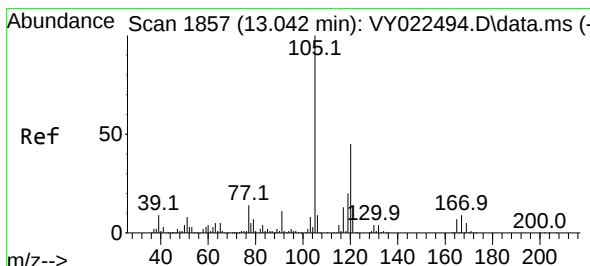
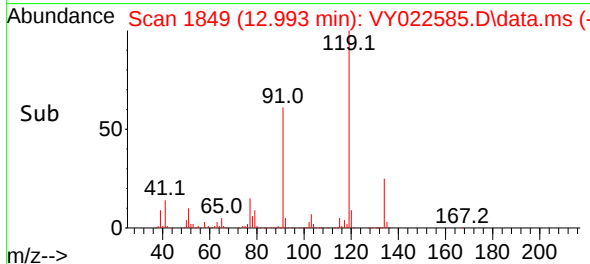
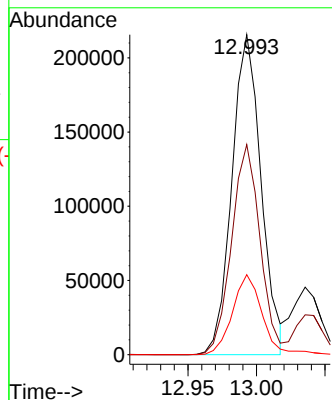
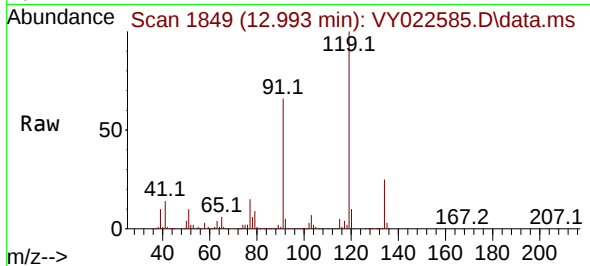




#83
tert-Butylbenzene
Concen: 45.447 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

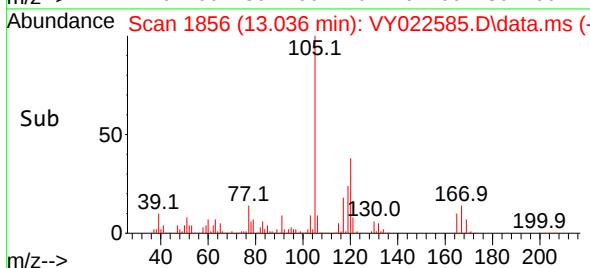
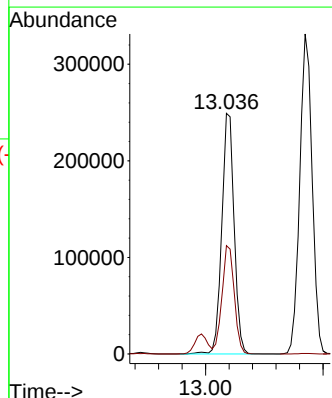
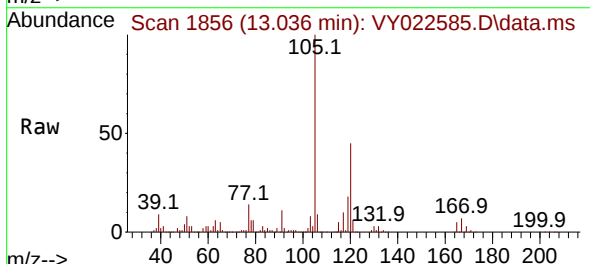
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

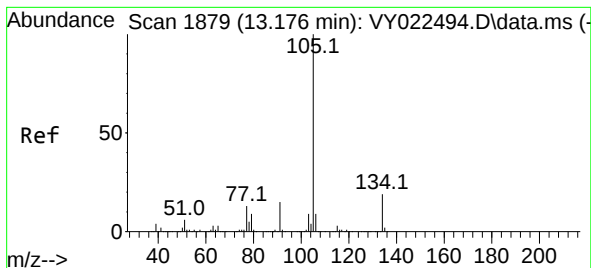
Tgt Ion:119 Resp: 319905
Ion Ratio Lower Upper
119 100
91 63.9 32.1 96.3
134 25.5 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 46.320 ug/l
RT: 13.036 min Scan# 1856
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion:105 Resp: 363341
Ion Ratio Lower Upper
105 100
120 44.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 44.960 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Instrument :

MSVOA_Y

ClientSampleId :

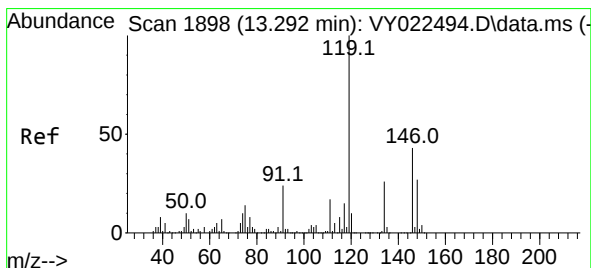
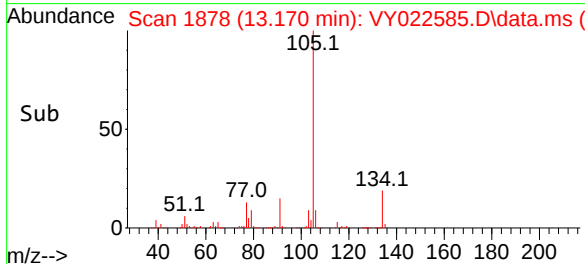
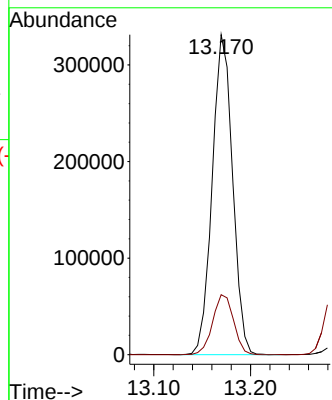
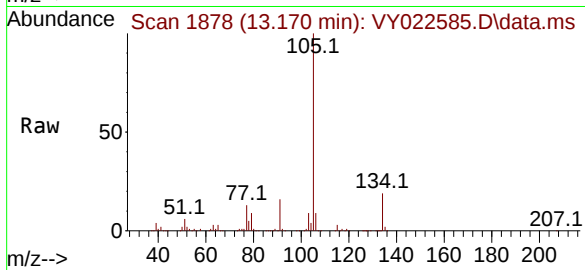
VSTDCCC050EC

Tgt Ion:105 Resp: 484698

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 45.377 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

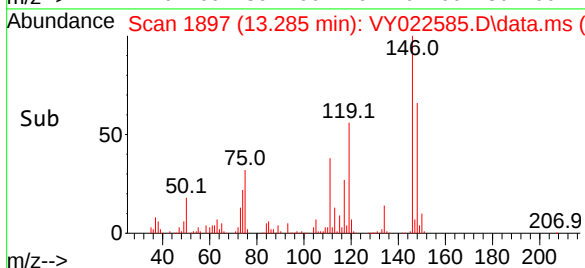
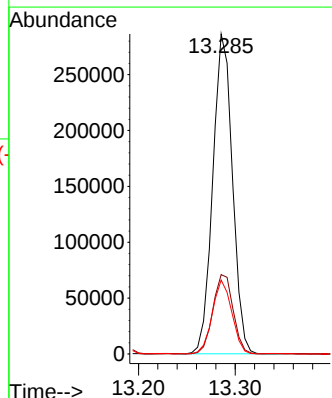
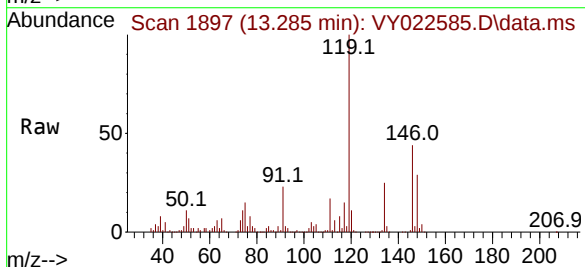
Tgt Ion:119 Resp: 403230

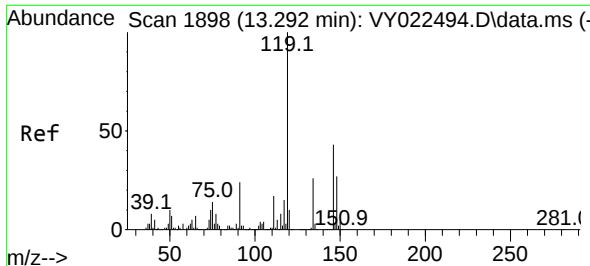
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.1

91 22.7 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 46.350 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

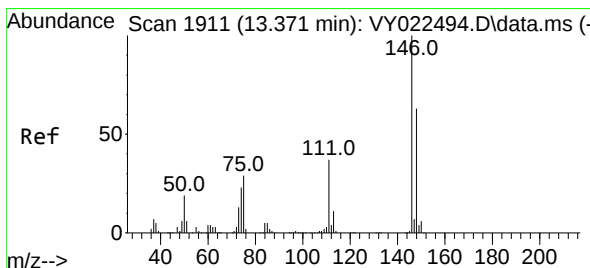
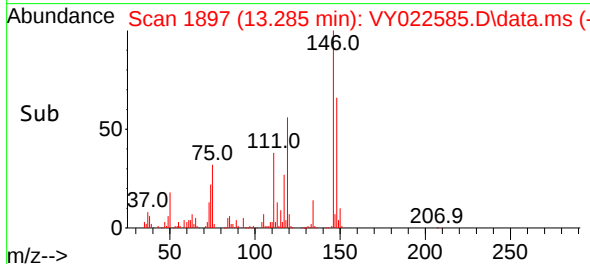
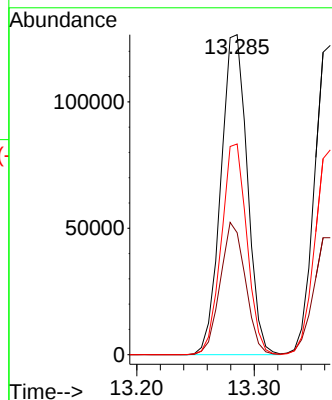
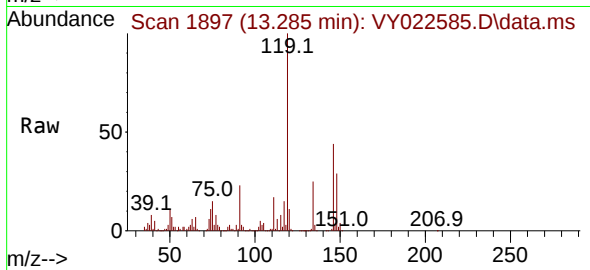
Tgt Ion:146 Resp: 197969

Ion Ratio Lower Upper

146 100

111 39.5 20.1 60.2

148 63.8 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 45.880 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

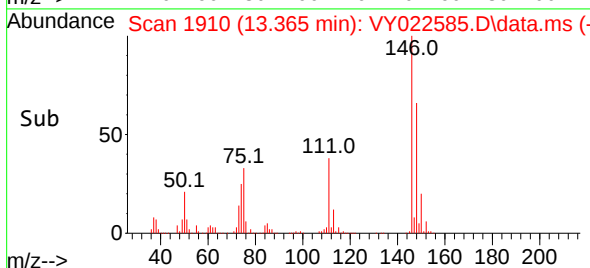
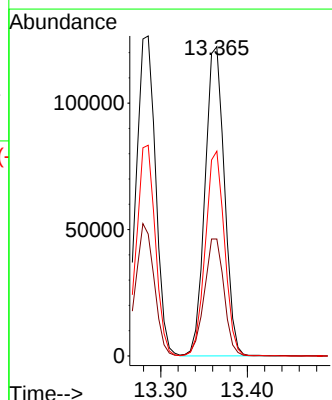
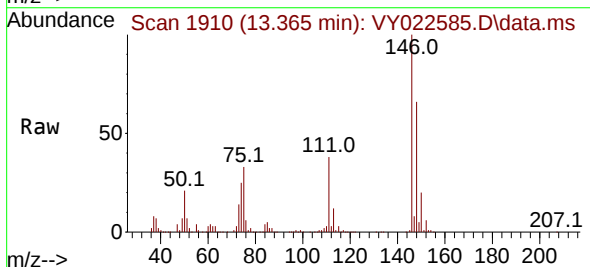
Tgt Ion:146 Resp: 190065

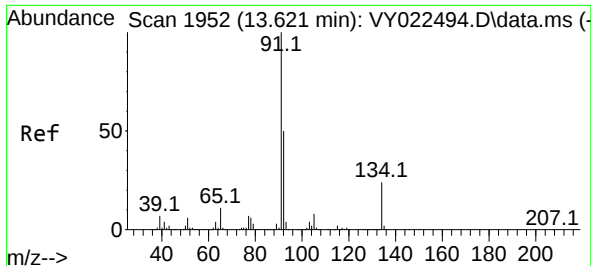
Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.2

148 65.5 31.6 94.8

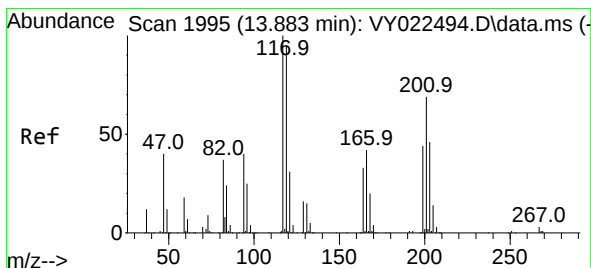
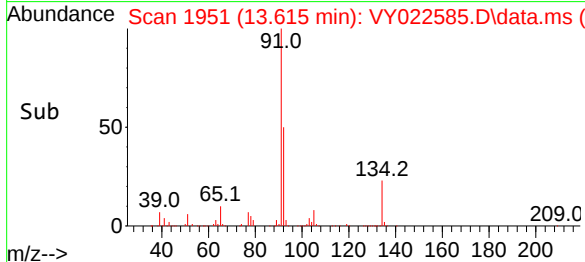
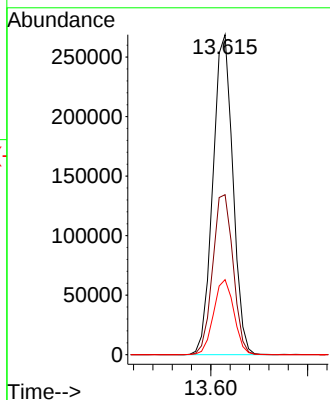
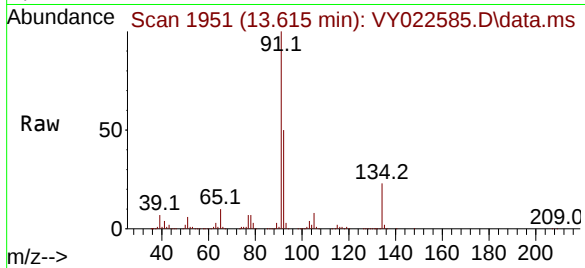




#89
n-Butylbenzene
Concen: 45.634 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

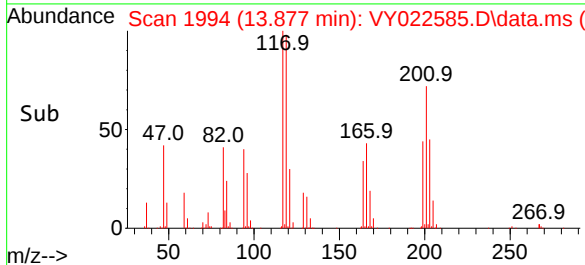
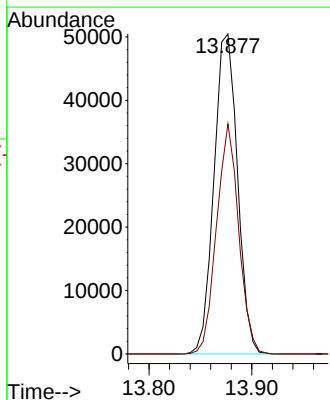
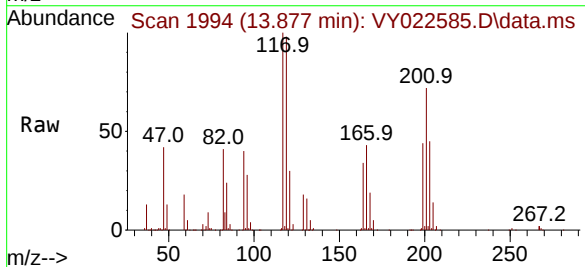
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

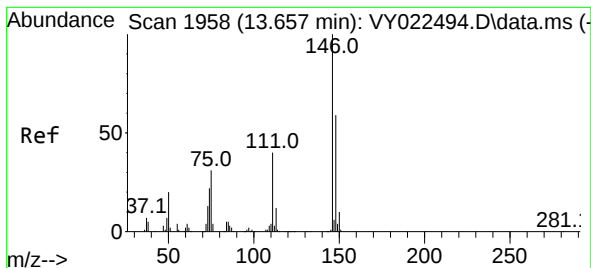
Tgt Ion: 91 Resp: 384739
Ion Ratio Lower Upper
91 100
92 51.2 25.9 77.8
134 23.9 12.0 36.1



#90
Hexachloroethane
Concen: 46.384 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022585.D
Acq: 05 Jun 2025 19:51

Tgt Ion: 117 Resp: 80243
Ion Ratio Lower Upper
117 100
201 67.6 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 47.284 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

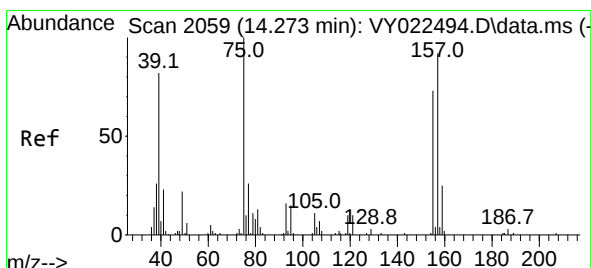
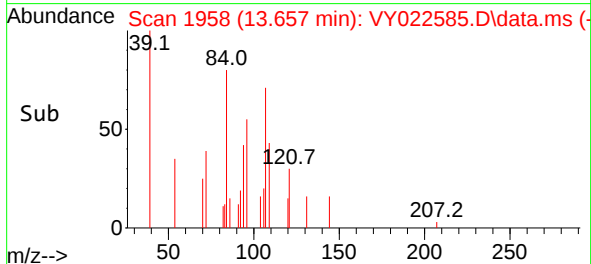
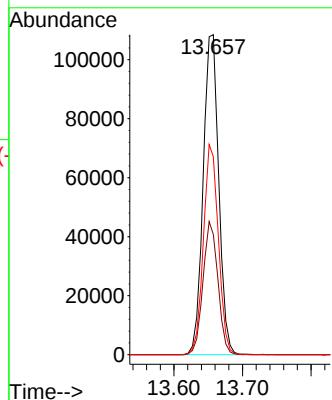
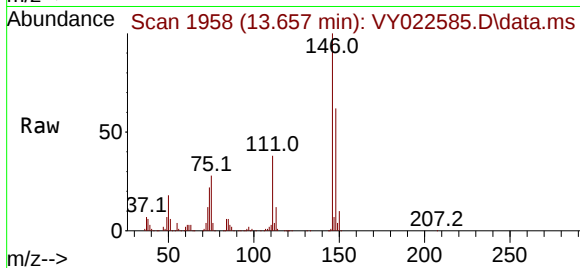
Tgt Ion:146 Resp: 171468

Ion Ratio Lower Upper

146 100

111 39.9 20.2 60.6

148 63.2 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.582 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

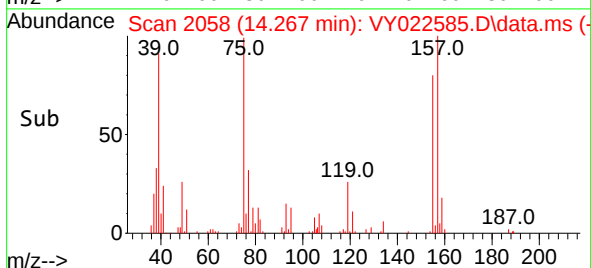
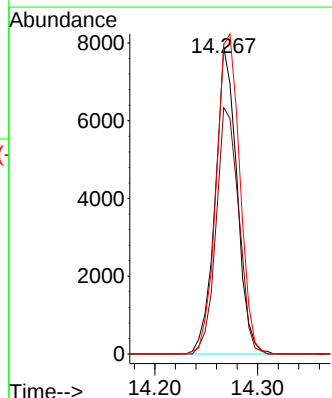
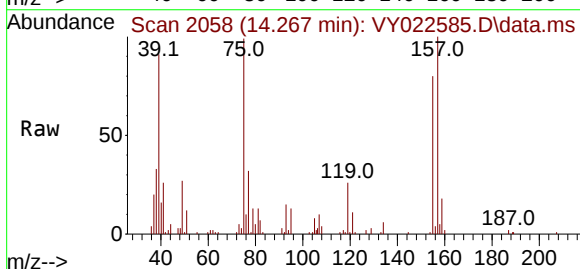
Tgt Ion: 75 Resp: 11597

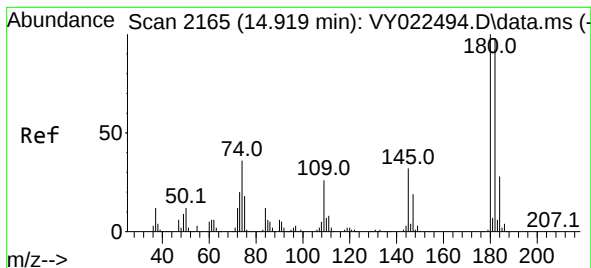
Ion Ratio Lower Upper

75 100

155 83.4 39.9 119.6

157 112.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 47.570 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

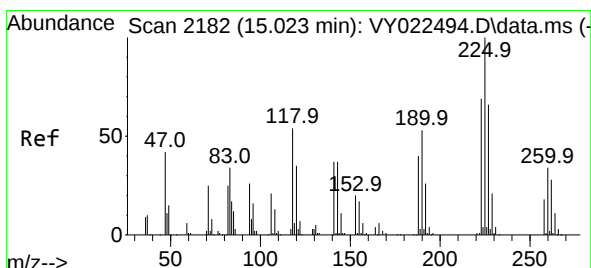
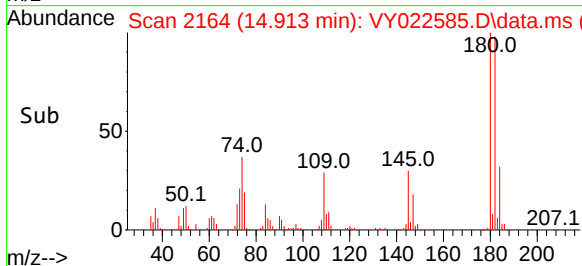
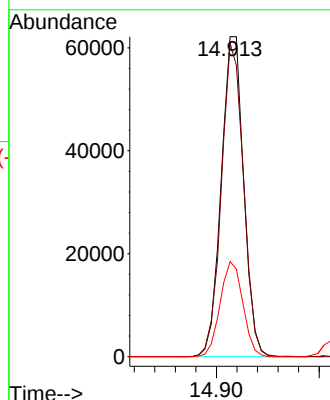
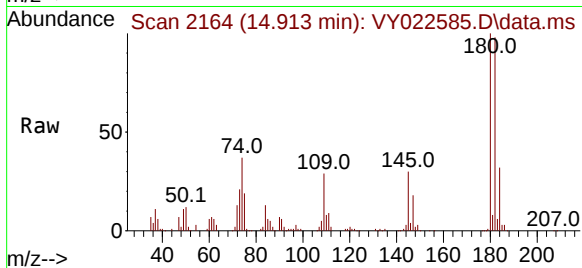
Tgt Ion:180 Resp: 94084

Ion Ratio Lower Upper

180 100

182 96.8 48.4 145.3

145 30.1 15.5 46.5



#94

Hexachlorobutadiene

Concen: 44.783 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

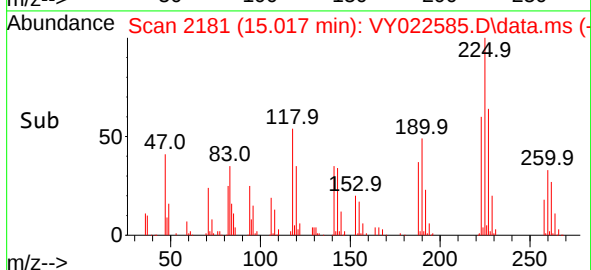
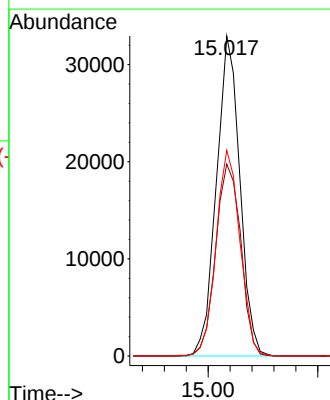
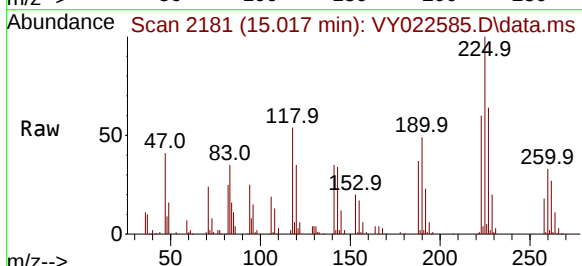
Tgt Ion:225 Resp: 48886

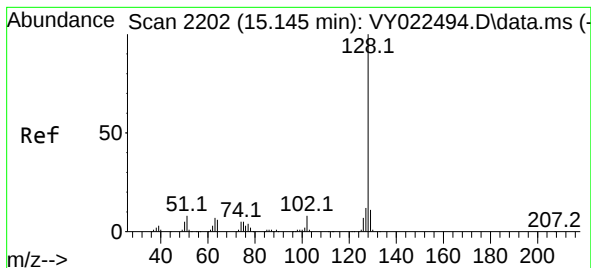
Ion Ratio Lower Upper

225 100

223 64.2 32.5 97.4

227 65.8 32.3 96.9





#95

Naphthalene

Concen: 50.687 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

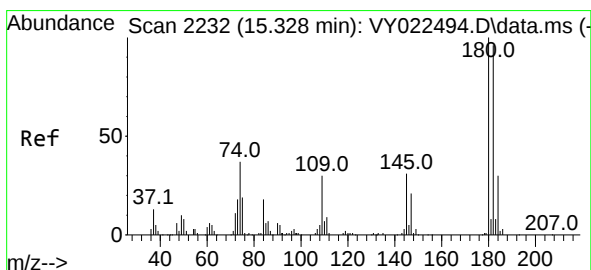
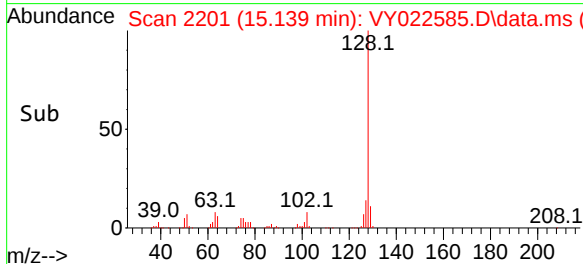
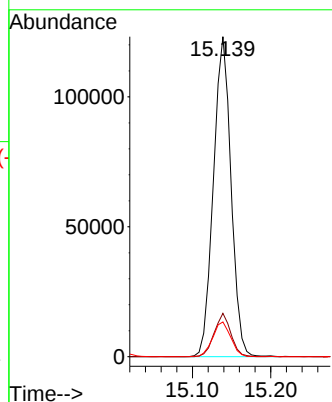
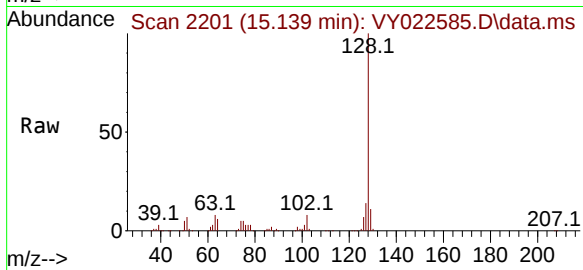
Tgt Ion:128 Resp: 192379

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.2 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.028 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022585.D

Acq: 05 Jun 2025 19:51

Tgt Ion:180 Resp: 83102

Ion Ratio Lower Upper

180 100

182 95.3 47.1 141.3

145 31.0 15.2 45.6

