

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062325\
 Data File : VY022781.D
 Acq On : 23 Jun 2025 15:31
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 24 02:54:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 02:48:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	487197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	805416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	724825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	371200	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	796965	146.565	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	293.140%#
35) Dibromofluoromethane	7.628	113	745134	152.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	304.260%#
50) Toluene-d8	10.103	98	3013418	155.039	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	310.080%#
62) 4-Bromofluorobenzene	12.402	95	1016821	162.737	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	325.480%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	561426	134.762	ug/l	98
3) Chloromethane	2.062	50	1057912	132.984	ug/l	98
4) Vinyl Chloride	2.196	62	1399862	140.850	ug/l	99
5) Bromomethane	2.574	94	1105489	141.487	ug/l	98
6) Chloroethane	2.720	64	936104	140.121	ug/l	99
7) Trichlorofluoromethane	3.043	101	1586258	144.141	ug/l	100
8) Diethyl Ether	3.446	74	396737	145.964	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.799	101	693105	137.817	ug/l	99
10) Methyl Iodide	3.995	142	840407	153.482	ug/l	100
11) Tert butyl alcohol	4.854	59	266185	736.208	ug/l	99
12) 1,1-Dichloroethene	3.775	96	705539	143.072	ug/l	99
13) Acrolein	3.647	56	345938	705.591	ug/l	99
14) Allyl chloride	4.373	41	1152496	151.943	ug/l	99
15) Acrylonitrile	5.049	53	846962	746.849	ug/l	99
16) Acetone	3.860	43	636155	618.978	ug/l	93
17) Carbon Disulfide	4.092	76	2289343	143.705	ug/l	99
18) Methyl Acetate	4.373	43	470360	138.195	ug/l	99
19) Methyl tert-butyl Ether	5.110	73	2054163	152.981	ug/l	100
20) Methylene Chloride	4.604	84	800473	123.330	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	840284	149.092	ug/l	97
22) Diisopropyl ether	6.012	45	2598616	154.267	ug/l	99
23) Vinyl Acetate	5.952	43	7328920	787.783	ug/l	98
24) 1,1-Dichloroethane	5.903	63	1504725	147.888	ug/l	100
25) 2-Butanone	6.890	43	1071039	716.025	ug/l	98
26) 2,2-Dichloropropane	6.878	77	1237615	145.107	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	990315	151.215	ug/l	98
28) Bromochloromethane	7.238	49	623792	145.828	ug/l	98
29) Tetrahydrofuran	7.256	42	708429	750.039	ug/l	98
30) Chloroform	7.415	83	1547385	147.656	ug/l	97
31) Cyclohexane	7.695	56	1306948	139.933	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	1349504	149.016	ug/l	99
36) 1,1-Dichloropropene	7.829	75	1122908	151.246	ug/l	99
37) Ethyl Acetate	6.982	43	483616	150.953	ug/l	100
38) Carbon Tetrachloride	7.811	117	1186256	151.429	ug/l	98
39) Methylcyclohexane	9.103	83	1475329	153.554	ug/l	98
40) Benzene	8.073	78	3478622	152.393	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	296053	146.477	ug/l	97
42) 1,2-Dichloroethane	8.152	62	946330	151.288	ug/l	100
43) Isopropyl Acetate	8.195	43	1024167	153.810	ug/l	99
44) Trichloroethene	8.860	130	846785	147.752	ug/l	97
45) 1,2-Dichloropropane	9.140	63	814039	152.372	ug/l	99
46) Dibromomethane	9.225	93	458817	151.287	ug/l	99
47) Bromodichloromethane	9.420	83	1203370	153.874	ug/l	100
48) Methyl methacrylate	9.213	41	500939	156.493	ug/l	98
49) 1,4-Dioxane	9.225	88	112563	3141.521	ug/l	96
51) 4-Methyl-2-Pentanone	9.993	43	2671727	789.580	ug/l	99
52) Toluene	10.164	92	2305726	160.110	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	1142721	162.402	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	1300617	159.417	ug/l	98
55) 1,1,2-Trichloroethane	10.567	97	603625	153.708	ug/l	99
56) Ethyl methacrylate	10.432	69	902735	170.861	ug/l	98
57) 1,3-Dichloropropane	10.713	76	1045814	152.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	2166504	746.984	ug/l	99
59) 2-Hexanone	10.756	43	1801932	783.272	ug/l	97
60) Dibromochloromethane	10.908	129	795480	156.822	ug/l	99
61) 1,2-Dibromoethane	11.012	107	569130	154.871	ug/l	99
64) Tetrachloroethene	10.640	164	970361	141.712	ug/l	98
65) Chlorobenzene	11.438	112	2422303	152.091	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	840296	155.771	ug/l	99
67) Ethyl Benzene	11.511	91	4388572	156.829	ug/l	98
68) m/p-Xylenes	11.627	106	3439594	317.973	ug/l	98
69) o-Xylene	11.950	106	1664173	163.273	ug/l	98
70) Styrene	11.963	104	2846995	166.754	ug/l	99
71) Bromoform	12.127	173	478356	159.256	ug/l #	99
73) Isopropylbenzene	12.249	105	4185860	152.475	ug/l	99
74) N-amyl acetate	12.066	43	1001716	162.561	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.499	83	660490	149.281	ug/l	99
76) 1,2,3-Trichloropropane	12.548	75	936158	239.492	ug/l #	100
77) Bromobenzene	12.530	156	951688	152.942	ug/l	100
78) n-propylbenzene	12.591	91	4948353	149.293	ug/l	99
79) 2-Chlorotoluene	12.676	91	2829859	151.115	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	3395371	153.210	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.298	75	228578	152.383	ug/l	93
82) 4-Chlorotoluene	12.773	91	3004256	152.731	ug/l	100
83) tert-Butylbenzene	12.993	119	3013552	154.188	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	3450572	155.516	ug/l	99
85) sec-Butylbenzene	13.170	105	4391401	149.333	ug/l	98
86) p-Isopropyltoluene	13.286	119	3802837	155.399	ug/l	99
87) 1,3-Dichlorobenzene	13.279	146	1942052	155.399	ug/l	99
88) 1,4-Dichlorobenzene	13.359	146	1855055	149.433	ug/l	99
89) n-Butylbenzene	13.615	91	3459894	150.307	ug/l	98
90) Hexachloroethane	13.871	117	733958	150.586	ug/l	98
91) 1,2-Dichlorobenzene	13.651	146	1672579	151.871	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	106711	142.222	ug/l	96
93) 1,2,4-Trichlorobenzene	14.913	180	941295	151.380	ug/l	99
94) Hexachlorobutadiene	15.017	225	472010	134.238	ug/l	99
95) Naphthalene	15.139	128	1842806	163.884	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	809138	150.588	ug/l	99

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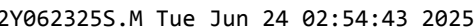
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MSVOA_Y
ClientSampleId :
VSTDICC150

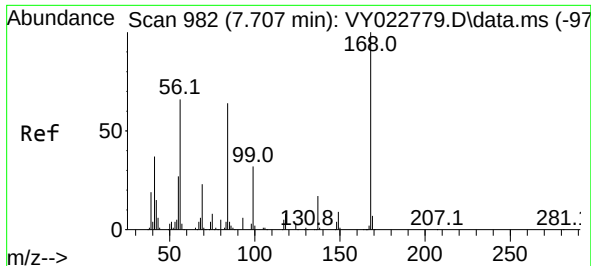
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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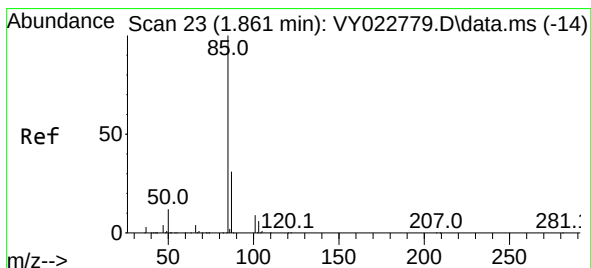
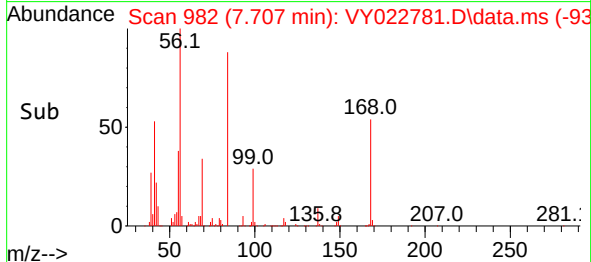
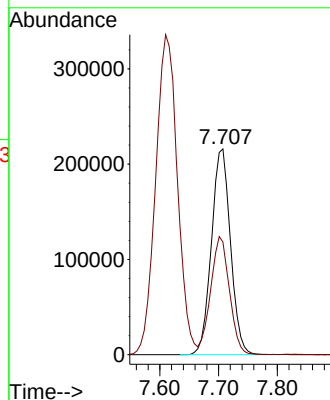
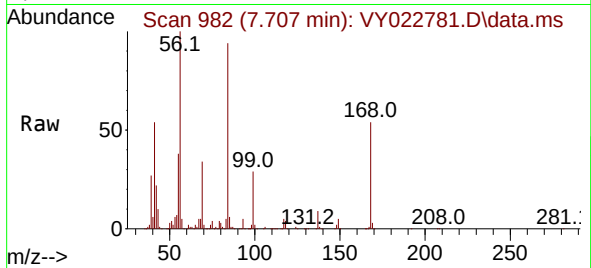




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022781.D
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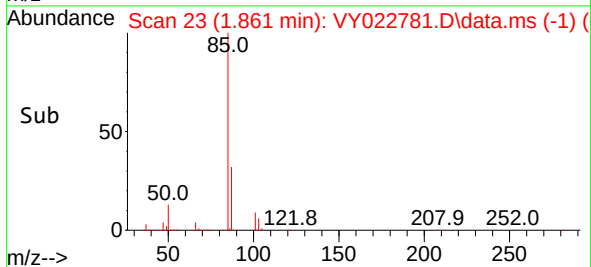
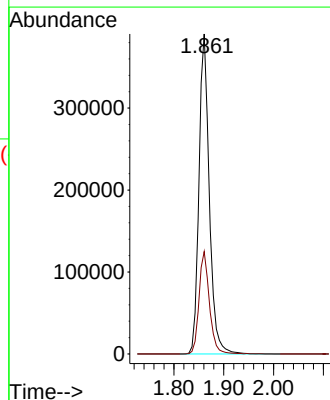
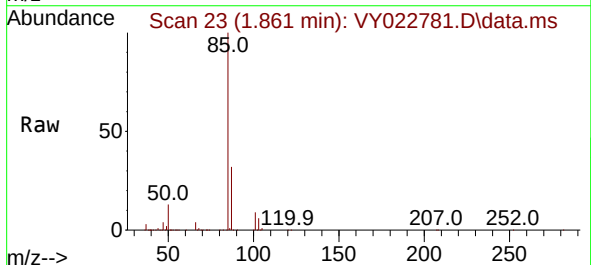
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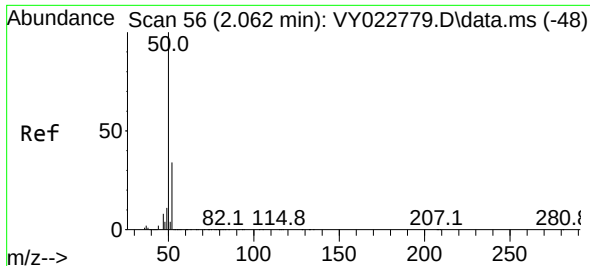
Tgt Ion:168 Resp: 487197
Ion Ratio Lower Upper
168 100
99 54.6 44.6 66.8



#2
Dichlorodifluoromethane
Concen: 134.762 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 85 Resp: 561426
Ion Ratio Lower Upper
85 100
87 32.0 15.6 46.7

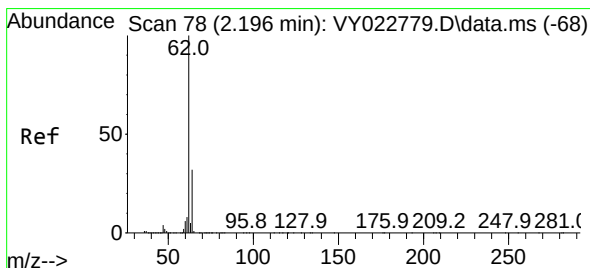
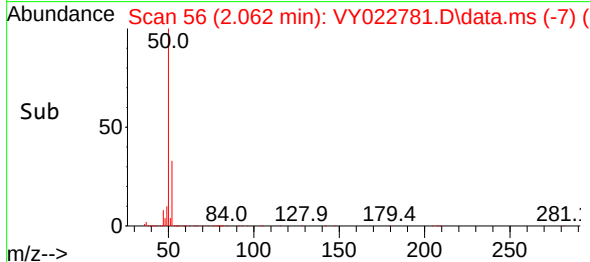
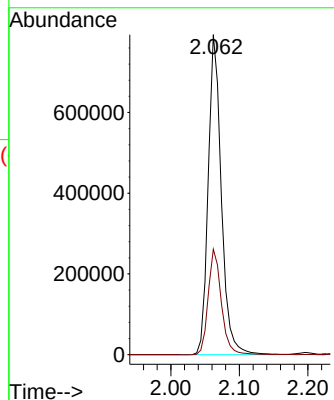
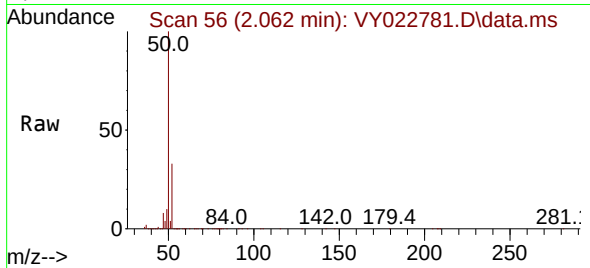




#3
Chloromethane
Concen: 132.984 ug/l
RT: 2.062 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

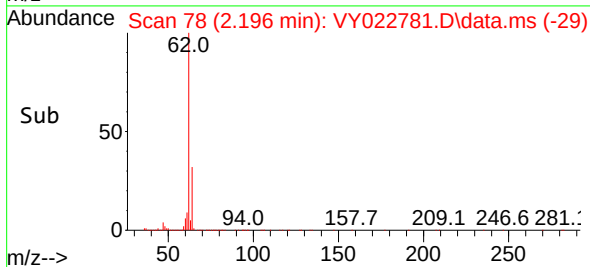
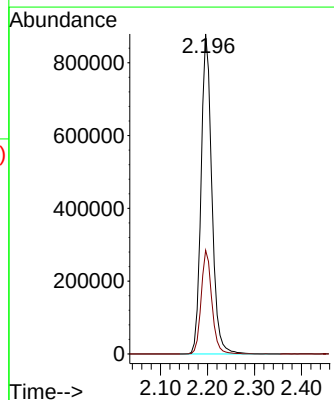
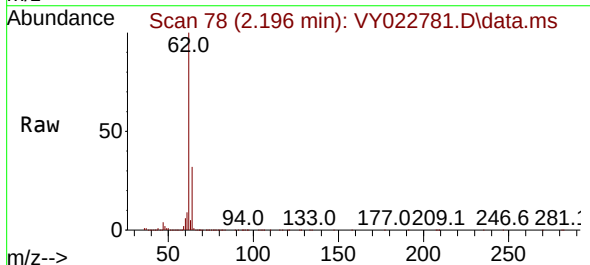
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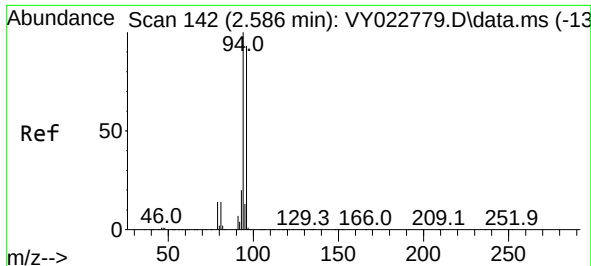
Tgt Ion: 50 Resp: 1057912
Ion Ratio Lower Upper
50 100
52 33.0 27.5 41.3



#4
Vinyl Chloride
Concen: 140.850 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 62 Resp: 1399862
Ion Ratio Lower Upper
62 100
64 32.4 25.7 38.5

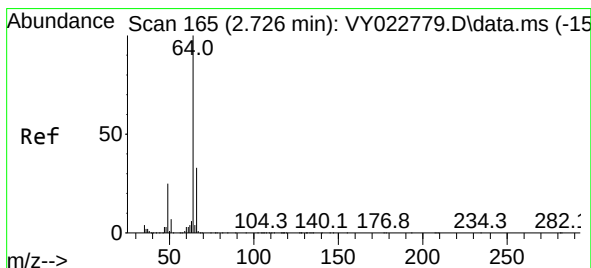
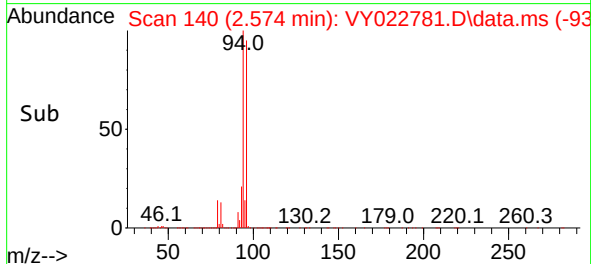
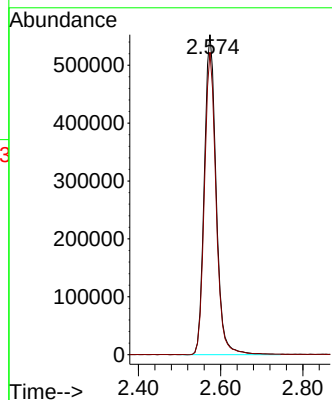
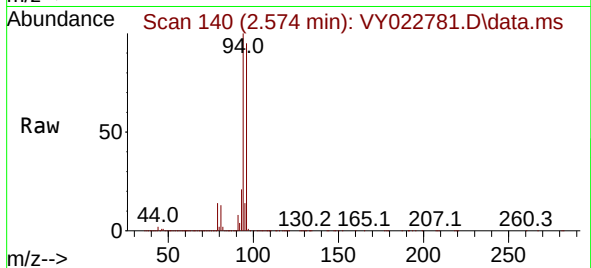




#5
Bromomethane
Concen: 141.487 ug/l
RT: 2.574 min Scan# 141
Delta R.T. -0.012 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

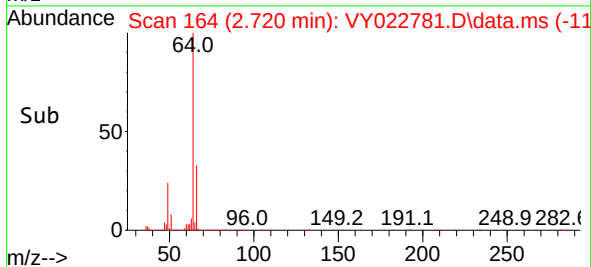
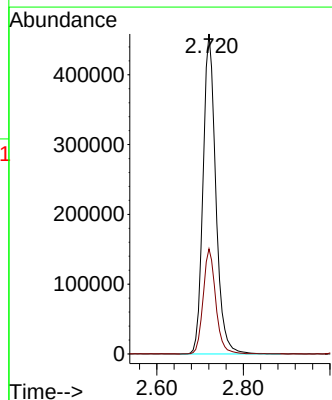
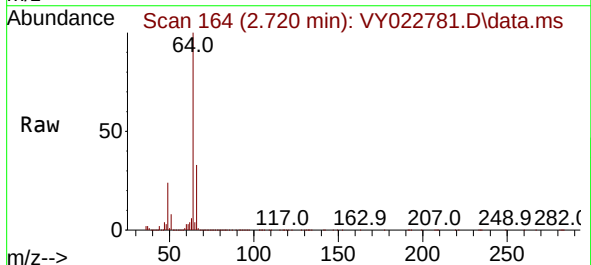
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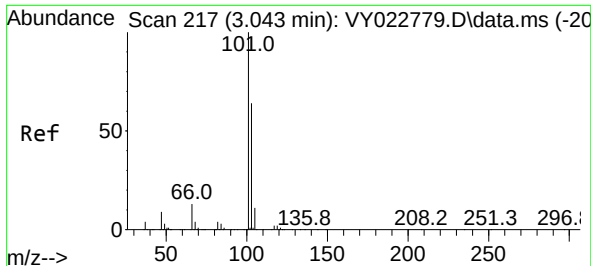
Tgt Ion: 94 Resp: 1105489
Ion Ratio Lower Upper
94 100
96 94.5 74.3 111.5



#6
Chloroethane
Concen: 140.121 ug/l
RT: 2.720 min Scan# 164
Delta R.T. -0.006 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 64 Resp: 936104
Ion Ratio Lower Upper
64 100
66 32.8 26.6 39.8

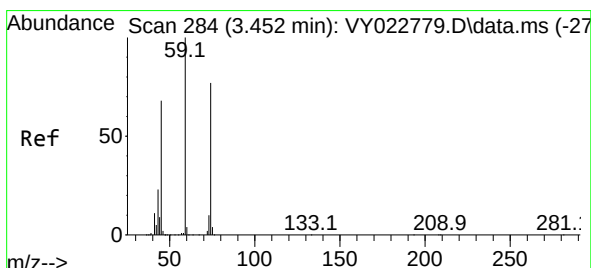
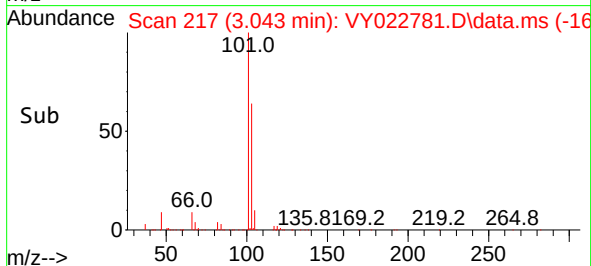
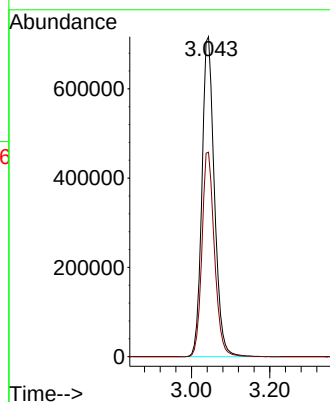
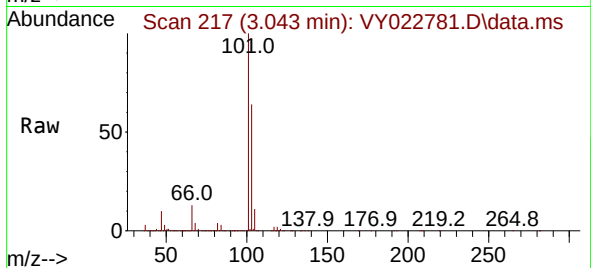




#7
 Trichlorofluoromethane
 Concen: 144.141 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY022781.D
 Acq: 23 Jun 2025 15:31

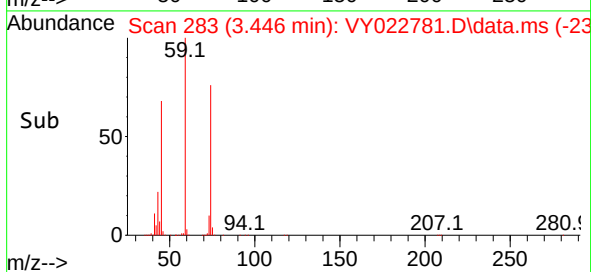
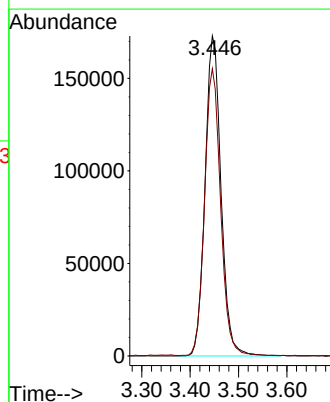
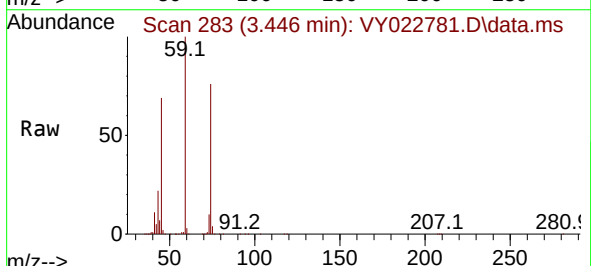
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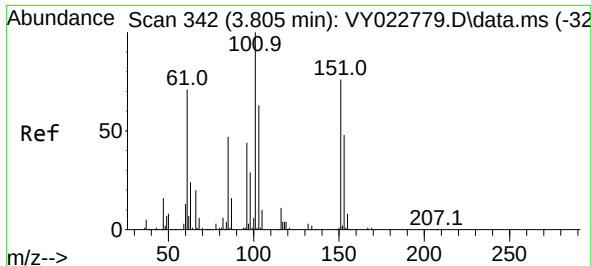
Tgt Ion:101 Resp: 1586258
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.1 76.7



#8
 Diethyl Ether
 Concen: 145.964 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 396737
 Ion Ratio Lower Upper
 74 100
 45 90.1 45.0 134.8

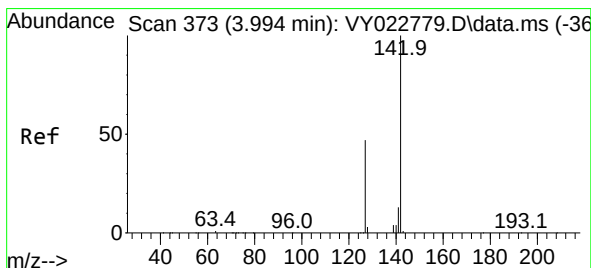
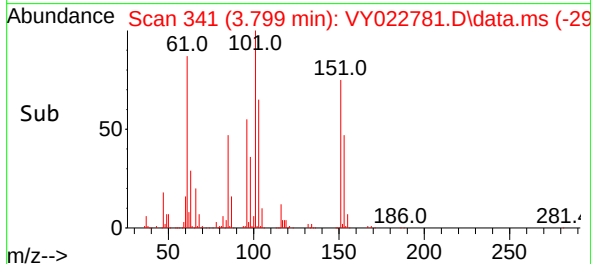
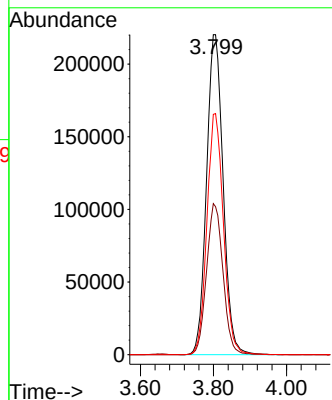
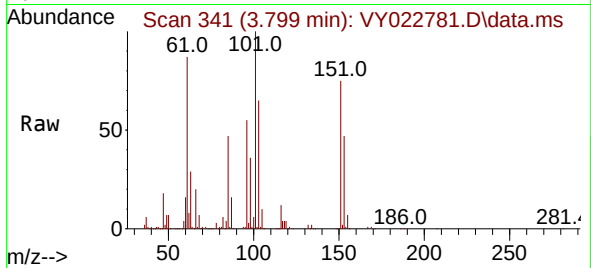




#9
1,1,2-Trichlorotrifluoroethane
Concen: 137.817 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.006 min
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Acq: 23 Jun 2025 15:31

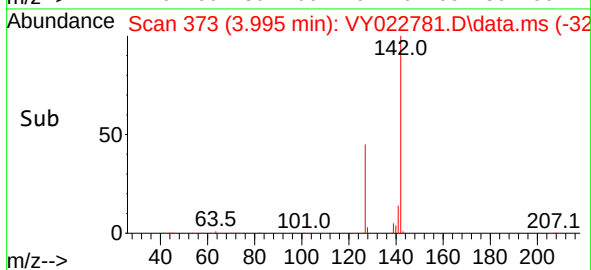
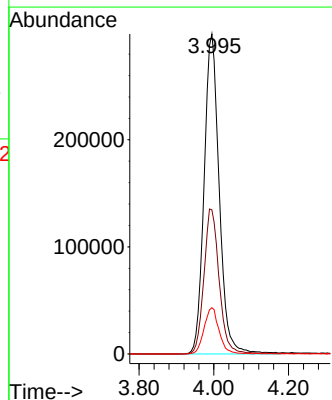
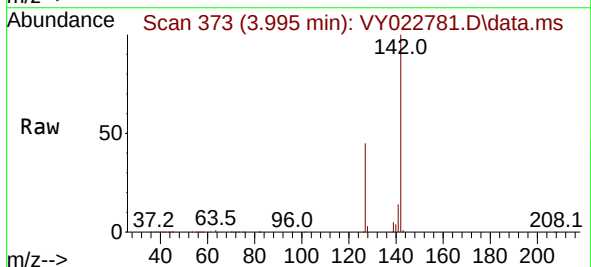
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

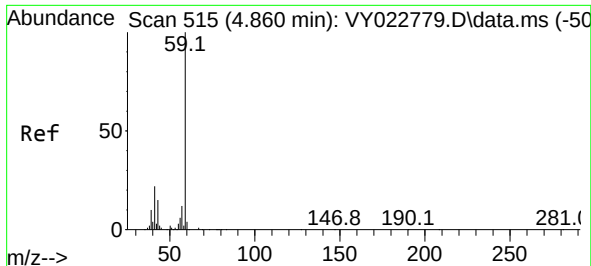
Tgt Ion:101 Resp: 693105
Ion Ratio Lower Upper
101 100
85 46.9 37.3 55.9
151 74.8 60.2 90.4



#10
Methyl Iodide
Concen: 153.482 ug/l
RT: 3.995 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion:142 Resp: 840407
Ion Ratio Lower Upper
142 100
127 45.6 36.5 54.7
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 736.208 ug/l

RT: 4.854 min Scan# 515

Delta R.T. -0.006 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

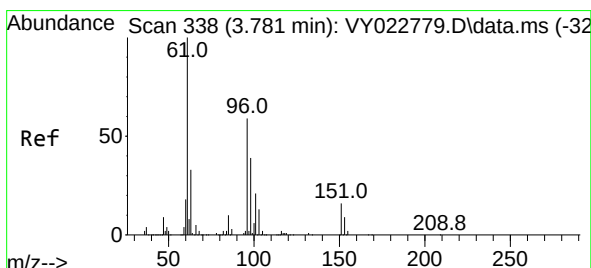
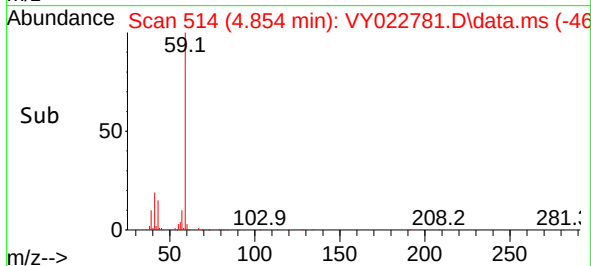
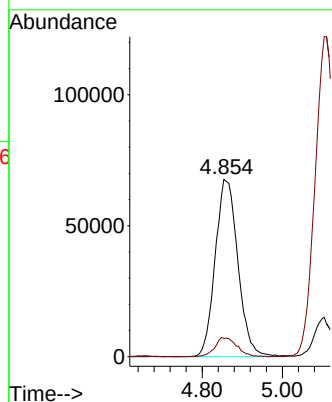
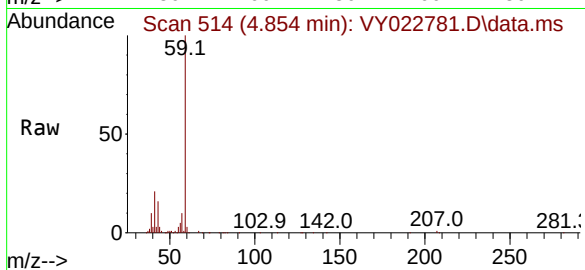
VSTDIC150

Tgt Ion: 59 Resp: 266185

Ion Ratio Lower Upper

59 100

57 10.5 8.8 13.2



#12

1,1-Dichloroethene

Concen: 143.072 ug/l

RT: 3.775 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

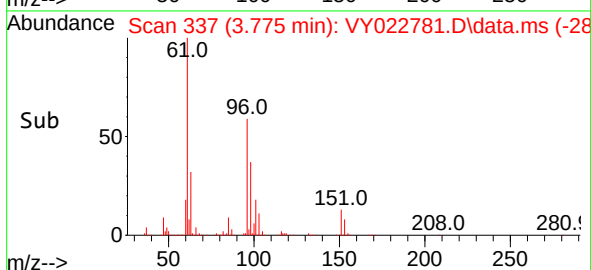
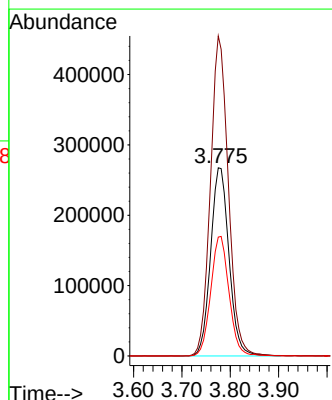
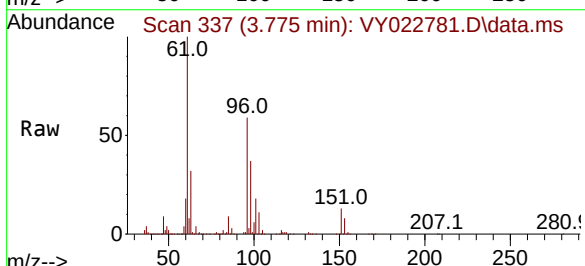
Tgt Ion: 96 Resp: 705539

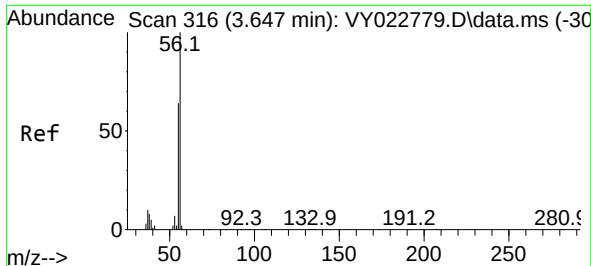
Ion Ratio Lower Upper

96 100

61 170.2 135.8 203.6

98 63.2 53.0 79.4

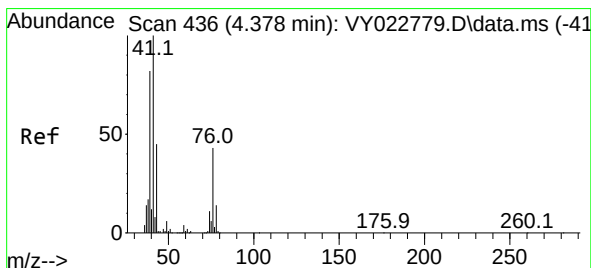
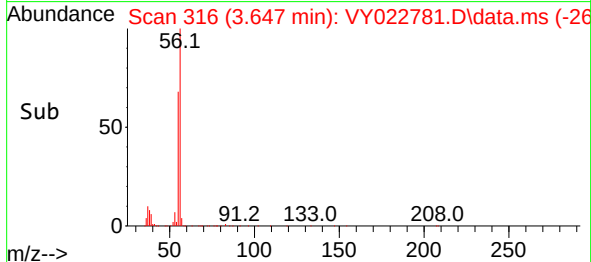
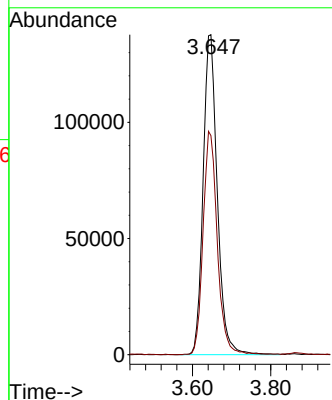
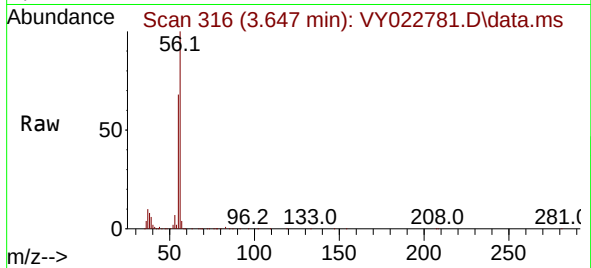




#13
Acrolein
Concen: 705.591 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

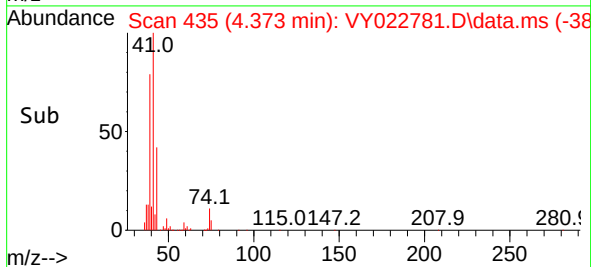
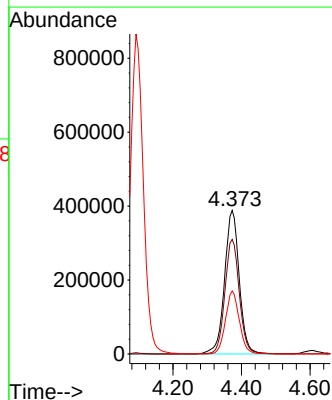
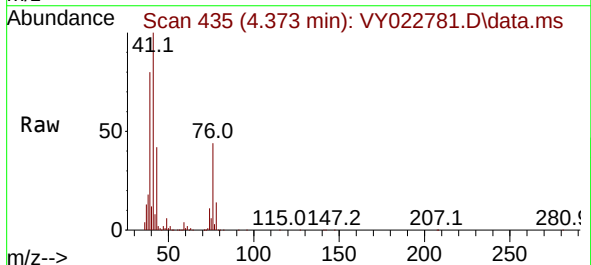
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

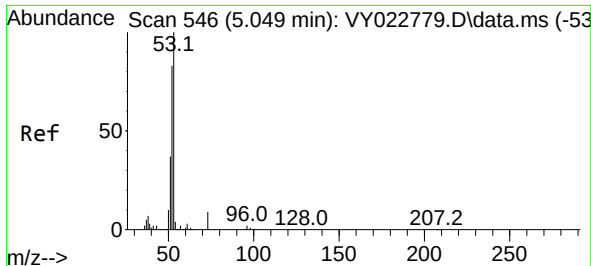
Tgt Ion: 56 Resp: 345938
Ion Ratio Lower Upper
56 100
55 70.1 55.4 83.2



#14
Allyl chloride
Concen: 151.943 ug/l
RT: 4.373 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 41 Resp: 1152496
Ion Ratio Lower Upper
41 100
39 78.5 63.9 95.9
76 41.1 33.0 49.4

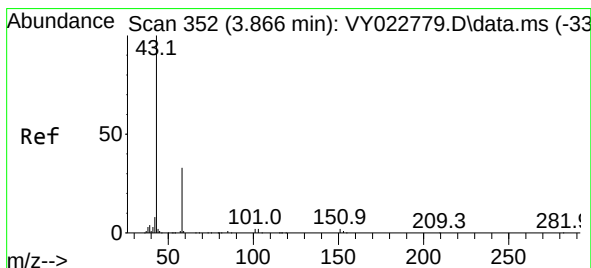
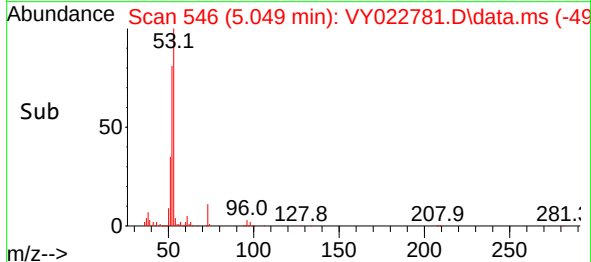
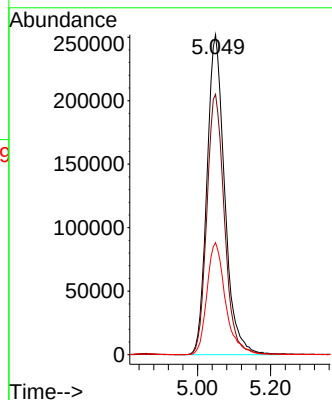
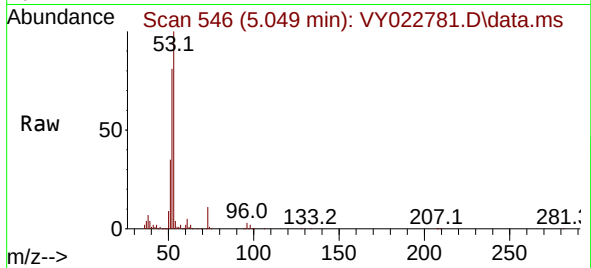




#15
Acrylonitrile
Concen: 746.849 ug/l
RT: 5.049 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

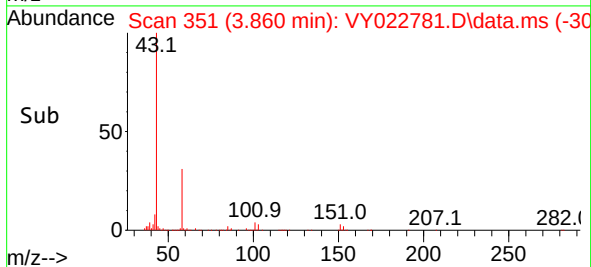
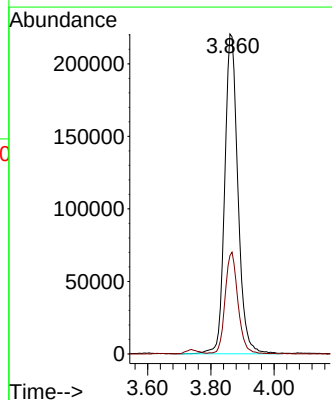
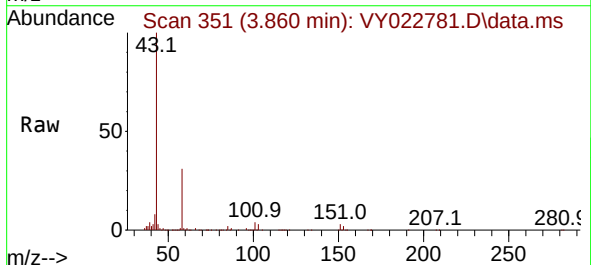
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

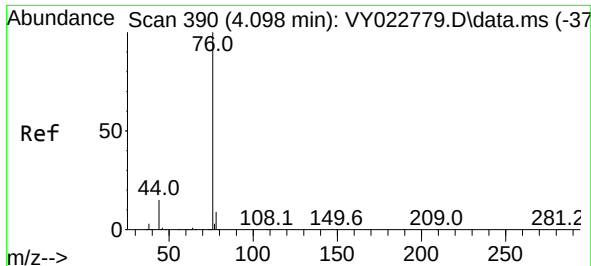
Tgt Ion: 53 Resp: 846962
Ion Ratio Lower Upper
53 100
52 80.7 65.0 97.4
51 36.8 30.1 45.1



#16
Acetone
Concen: 618.978 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 43 Resp: 636155
Ion Ratio Lower Upper
43 100
58 30.6 27.7 41.5

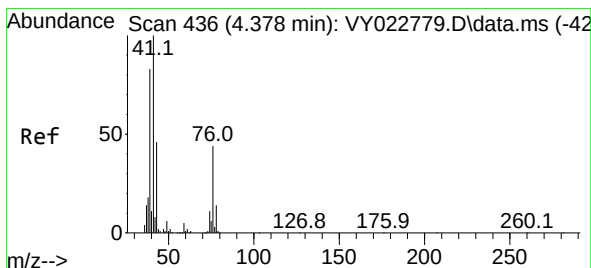
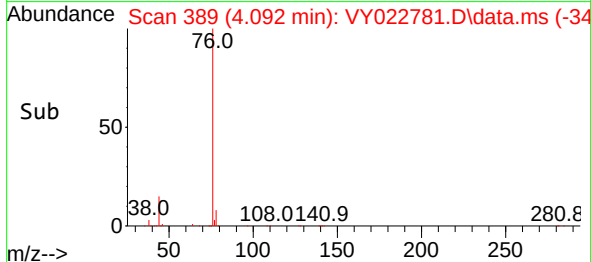
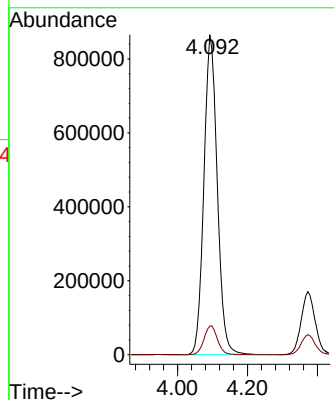
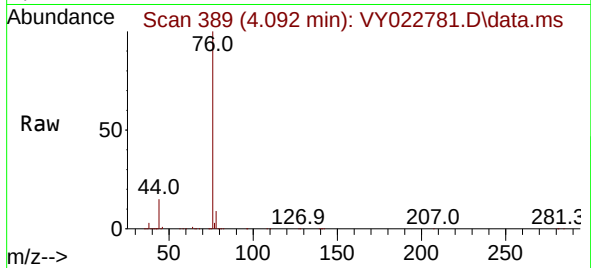




#17
Carbon Disulfide
Concen: 143.705 ug/l
RT: 4.092 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

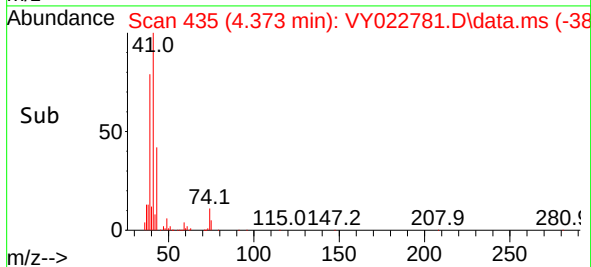
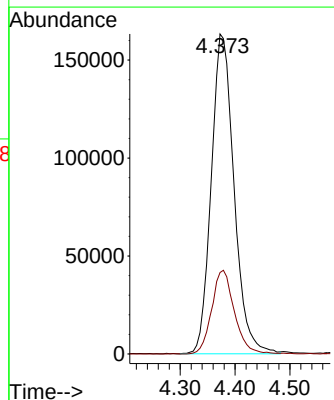
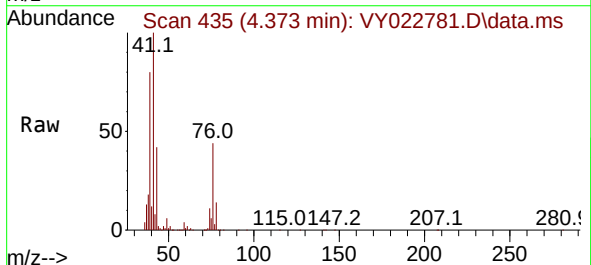
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

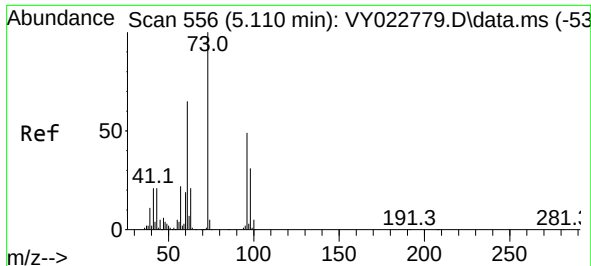
Tgt Ion: 76 Resp: 2289343
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 138.195 ug/l
RT: 4.373 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 43 Resp: 470360
Ion Ratio Lower Upper
43 100
74 26.2 20.6 31.0

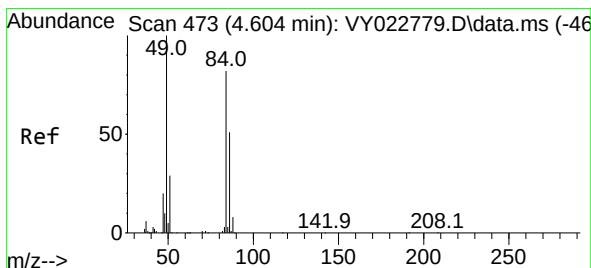
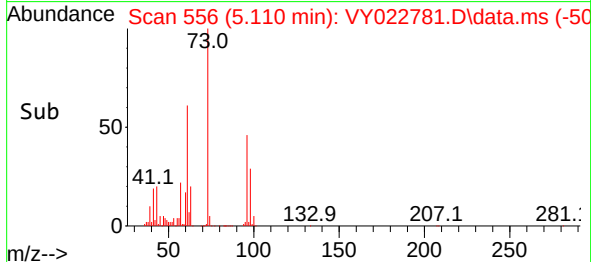
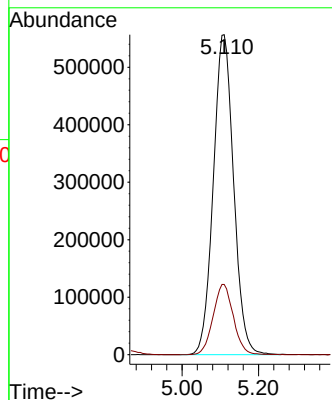
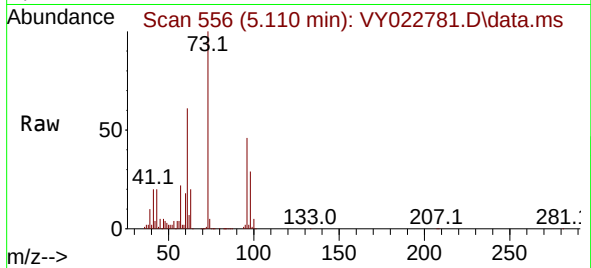




#19
Methyl tert-butyl Ether
Concen: 152.981 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

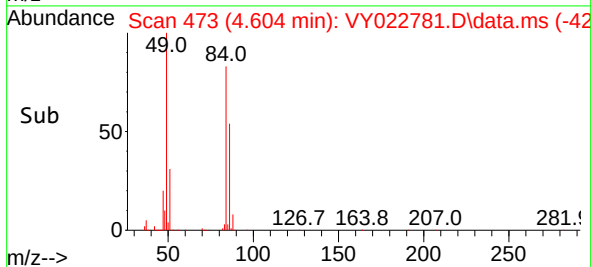
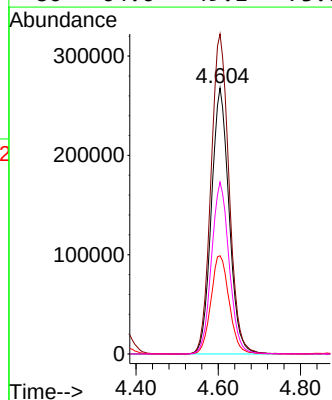
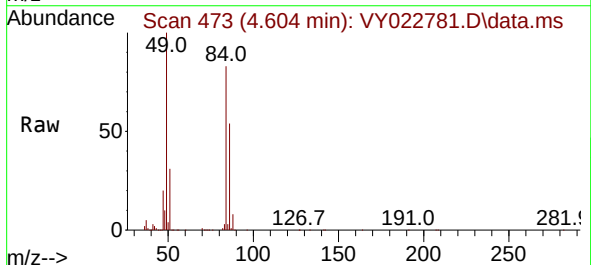
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

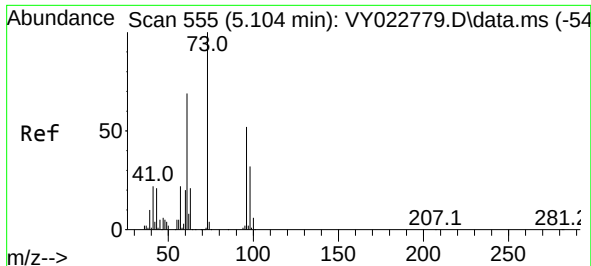
Tgt Ion: 73 Resp: 2054163
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 123.330 ug/l
RT: 4.604 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 84 Resp: 800473
Ion Ratio Lower Upper
84 100
49 120.2 97.2 145.8
51 36.9 27.8 41.8
86 64.6 49.1 73.7

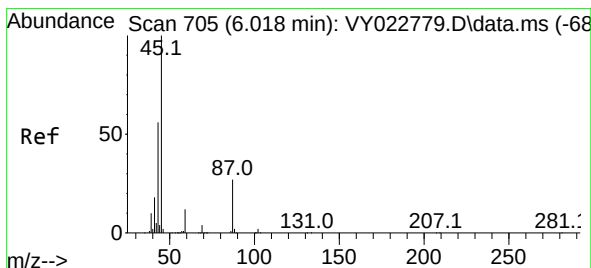
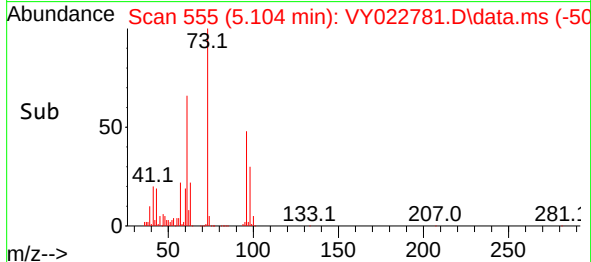
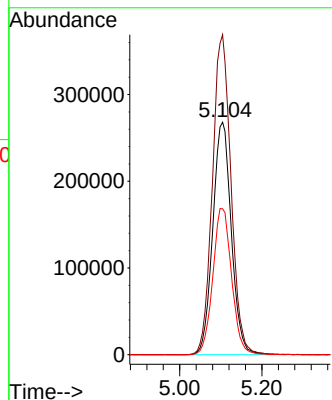
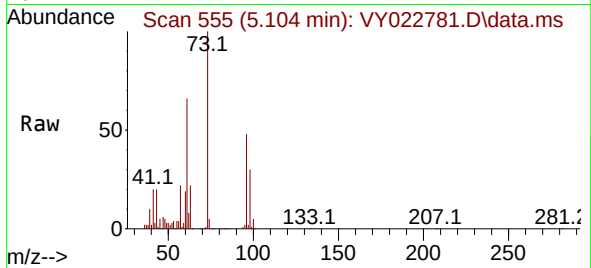




#21
trans-1,2-Dichloroethene
Concen: 149.092 ug/l
RT: 5.104 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

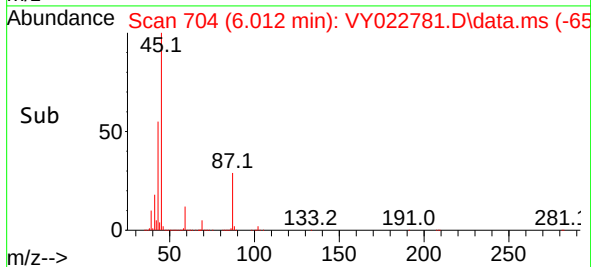
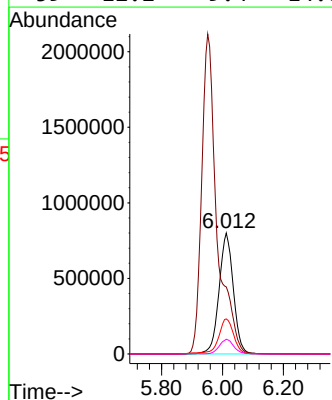
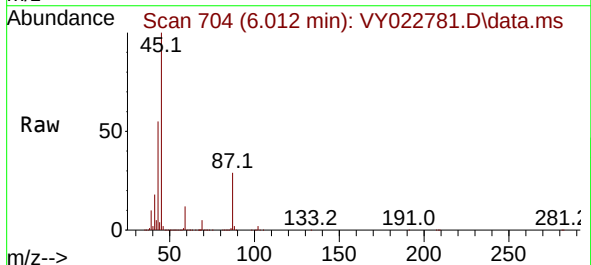
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

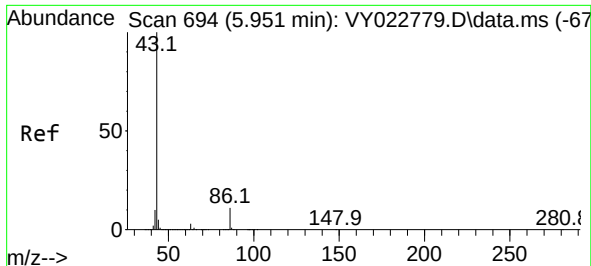
Tgt Ion: 96 Resp: 840284
Ion Ratio Lower Upper
96 100
61 137.6 107.2 160.8
98 62.8 49.1 73.7



#22
Diisopropyl ether
Concen: 154.267 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 45 Resp: 2598616
Ion Ratio Lower Upper
45 100
43 55.4 44.6 66.8
87 28.9 22.2 33.2
59 12.2 9.4 14.0

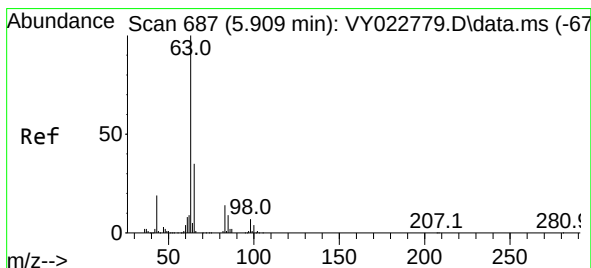
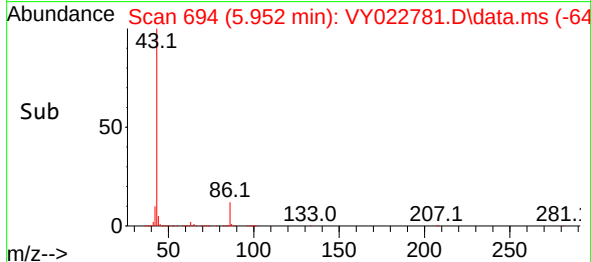
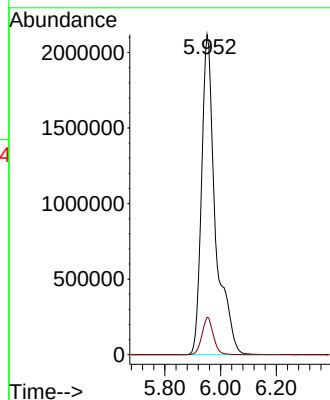
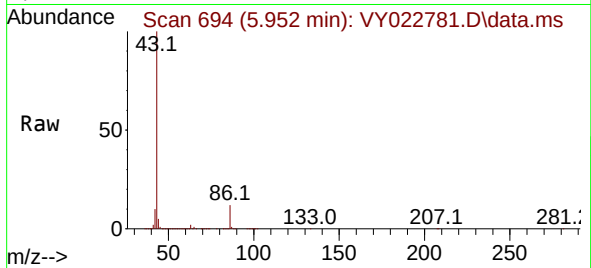




#23
 Vinyl Acetate
 Concen: 787.783 ug/l
 RT: 5.952 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY022781.D
 Acq: 23 Jun 2025 15:31

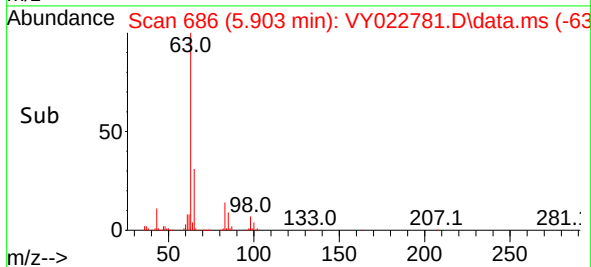
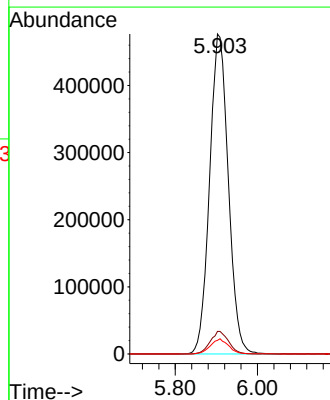
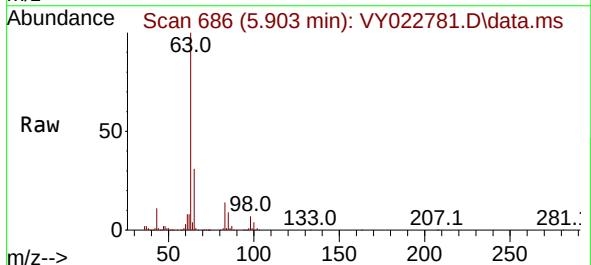
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

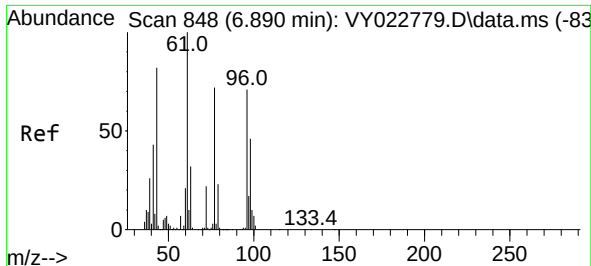
Tgt Ion: 43 Resp: 7328920
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 147.888 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY022781.D
 Acq: 23 Jun 2025 15:31

Tgt Ion: 63 Resp: 1504725
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 716.025 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

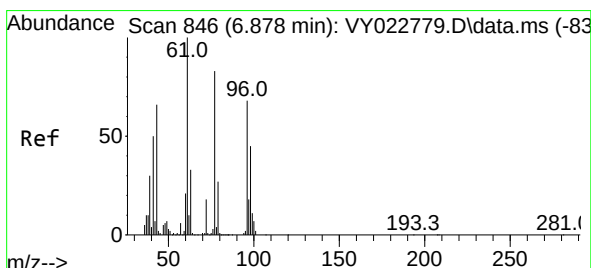
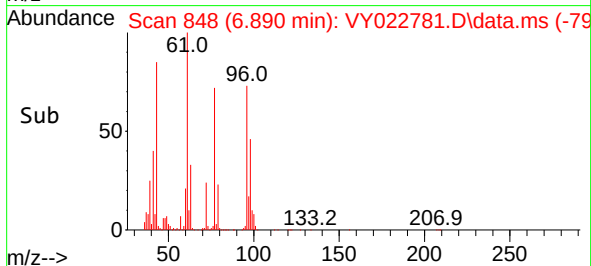
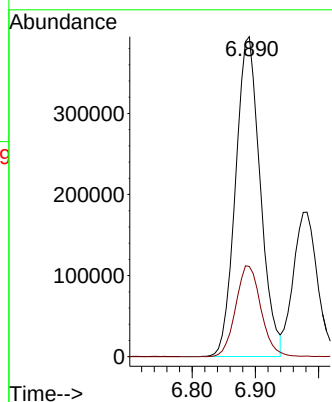
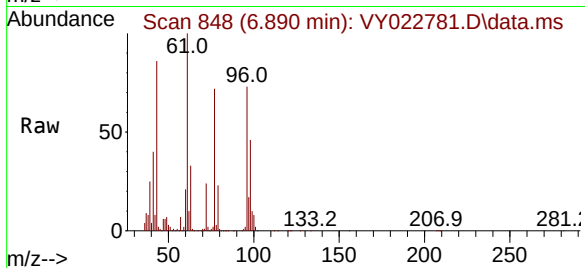
VSTDIC150

Tgt Ion: 43 Resp: 1071039

Ion Ratio Lower Upper

43 100

72 28.2 21.9 32.9



#26

2,2-Dichloropropane

Concen: 145.107 ug/l

RT: 6.878 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY022781.D

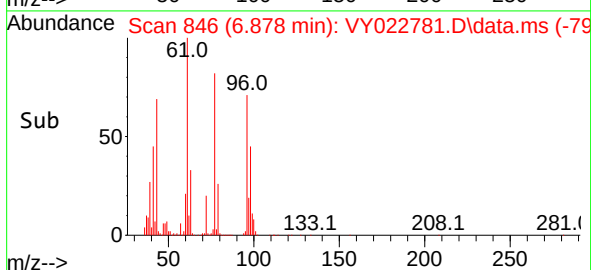
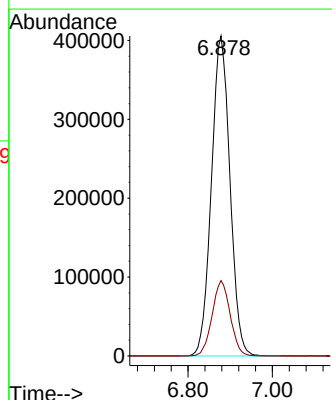
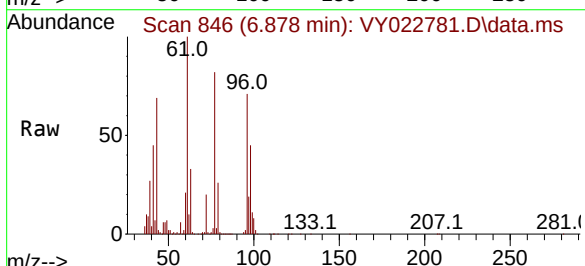
Acq: 23 Jun 2025 15:31

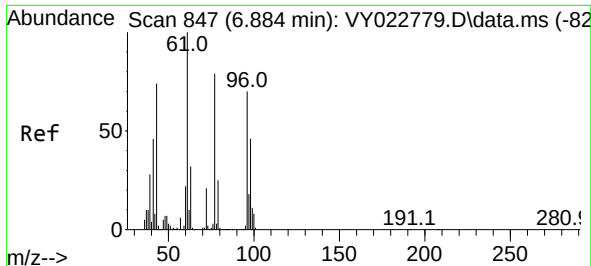
Tgt Ion: 77 Resp: 1237615

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9



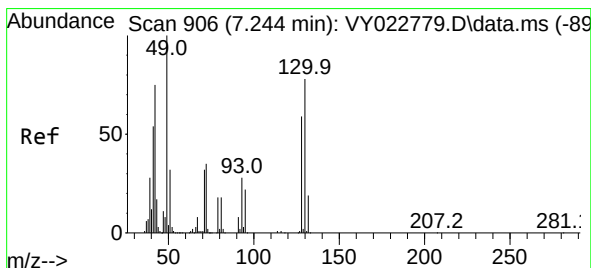
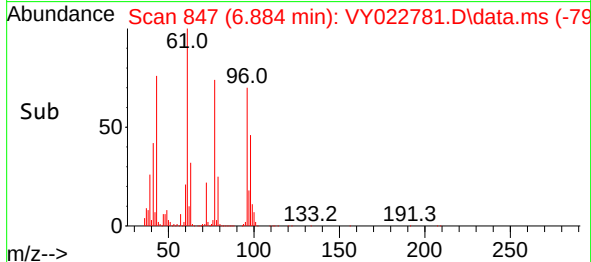
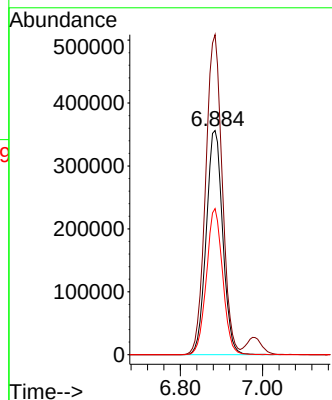
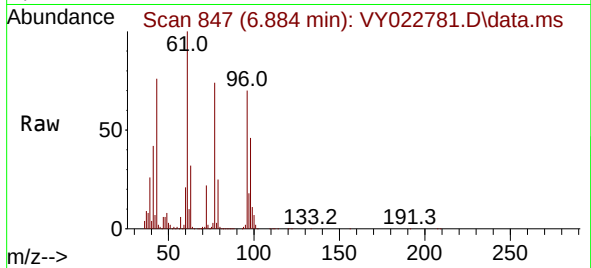


#27
 cis-1,2-Dichloroethene
 Concen: 151.215 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY022781.D
 Acq: 23 Jun 2025 15:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 990315

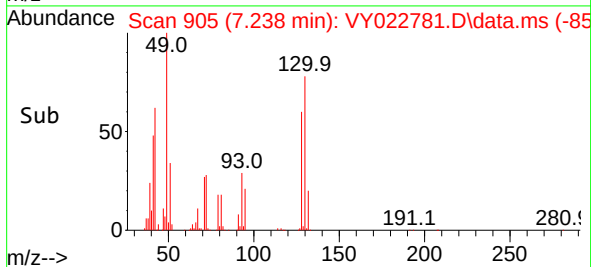
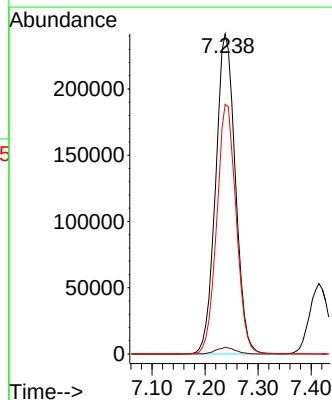
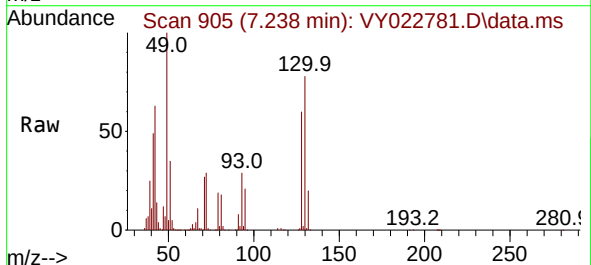
Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	291.6
98	64.3	0.0	130.8

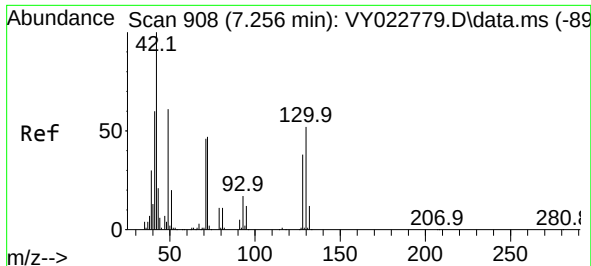


#28
 Bromochloromethane
 Concen: 145.828 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY022781.D
 Acq: 23 Jun 2025 15:31

Tgt Ion: 49 Resp: 623792

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	76.8	59.9	89.9





#29

Tetrahydrofuran

Concen: 750.039 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

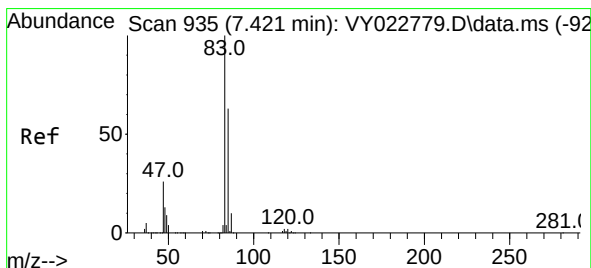
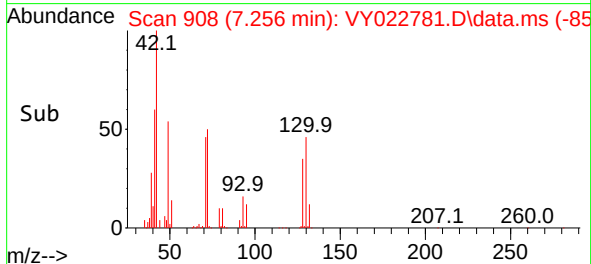
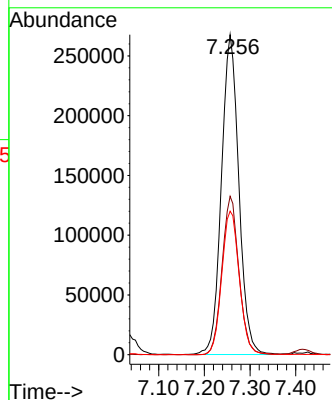
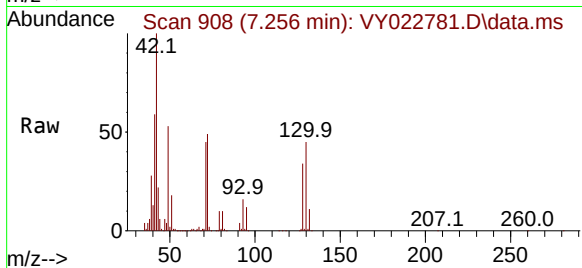
Tgt Ion: 42 Resp: 708429

Ion Ratio Lower Upper

42 100

72 48.1 37.4 56.2

71 45.3 35.4 53.2



#30

Chloroform

Concen: 147.656 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY022781.D

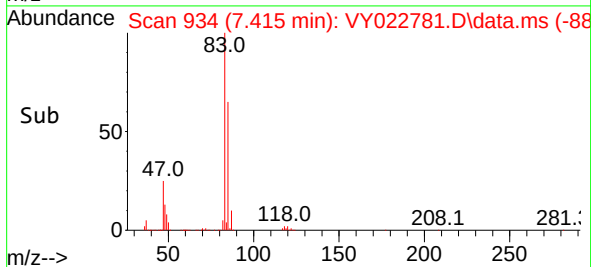
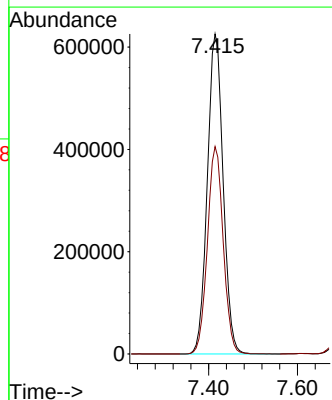
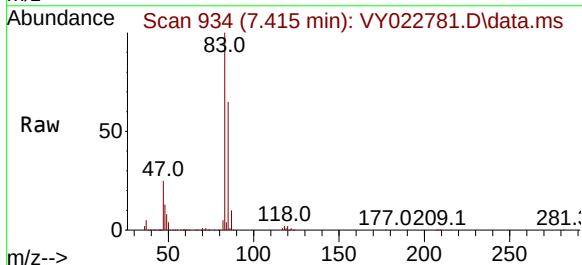
Acq: 23 Jun 2025 15:31

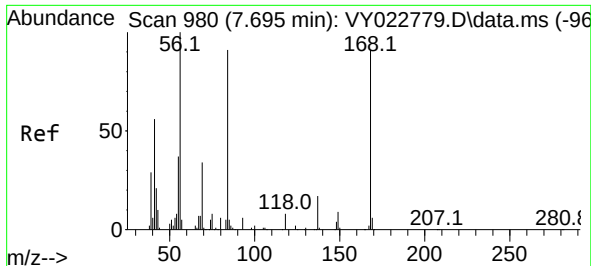
Tgt Ion: 83 Resp: 1547385

Ion Ratio Lower Upper

83 100

85 64.8 50.1 75.1

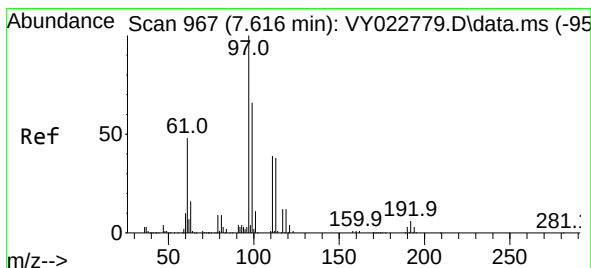
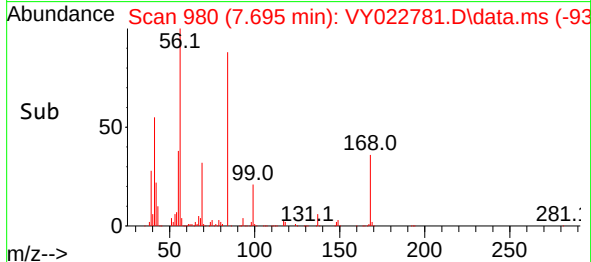
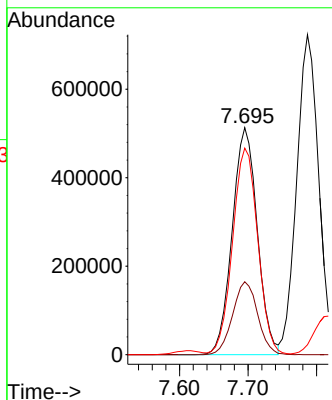
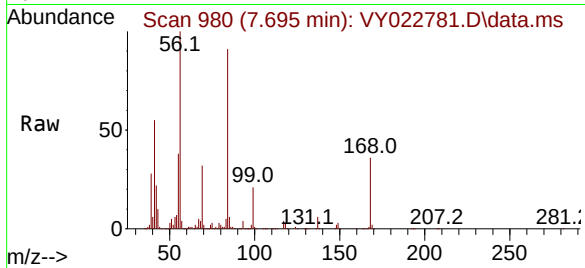




#31
Cyclohexane
Concen: 139.933 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

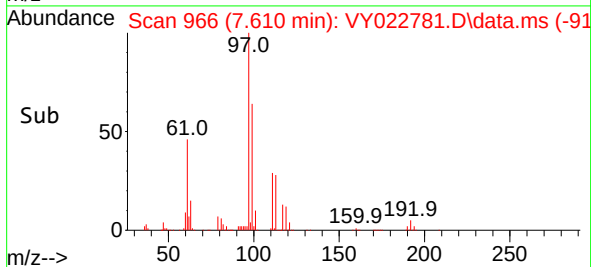
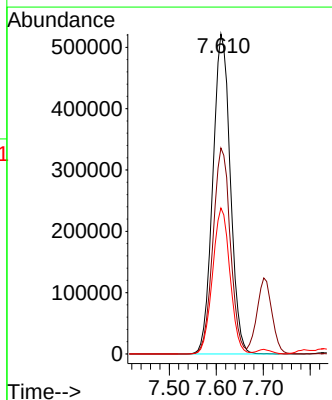
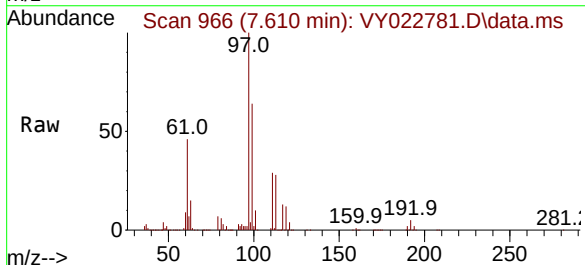
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

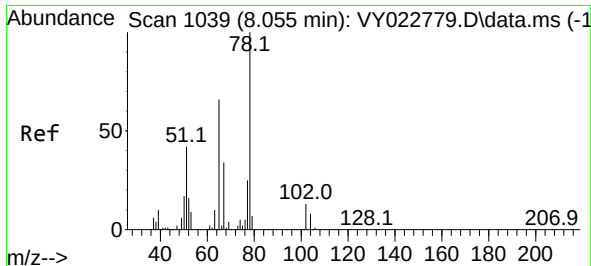
Tgt Ion: 56 Resp: 1306948
Ion Ratio Lower Upper
56 100
69 32.2 27.4 41.0
84 89.7 73.1 109.7



#32
1,1,1-Trichloroethane
Concen: 149.016 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 97 Resp: 1349504
Ion Ratio Lower Upper
97 100
99 64.2 50.9 76.3
61 45.5 37.7 56.5

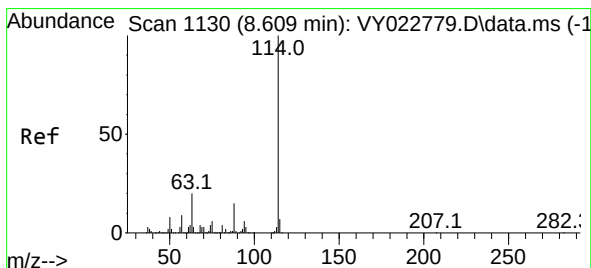
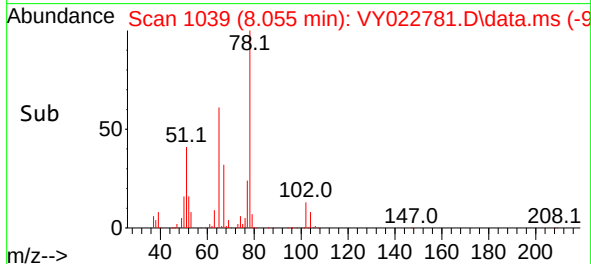
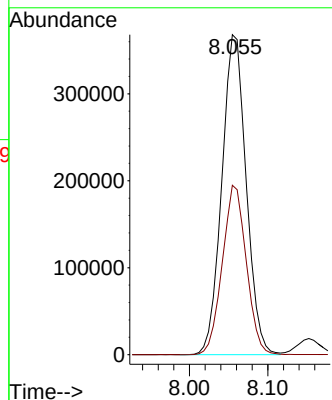
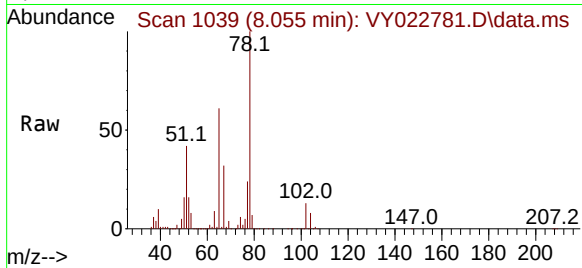




#33
 1,2-Dichloroethane-d4
 Concen: 146.565 ug/l
 RT: 8.055 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY022781.D
 Acq: 23 Jun 2025 15:31

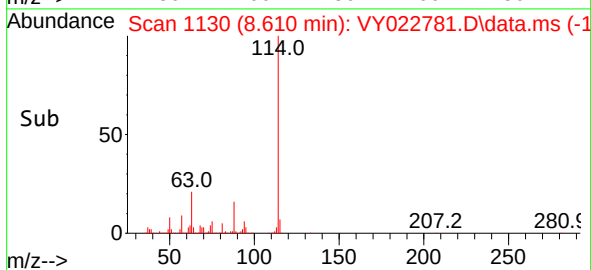
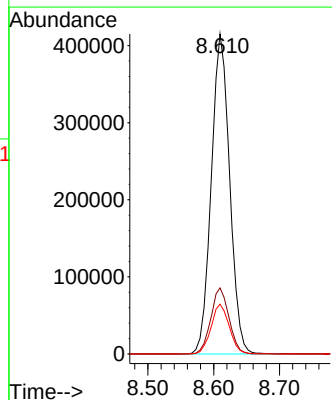
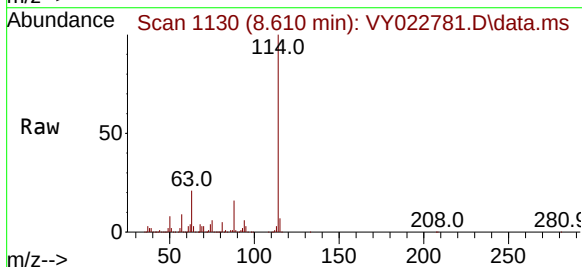
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

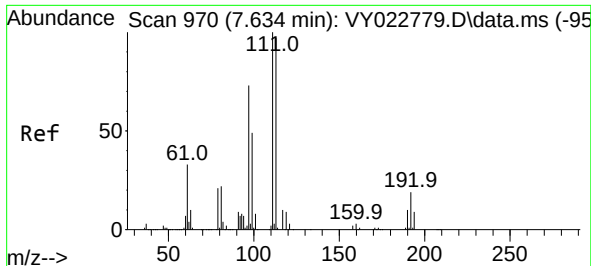
Tgt Ion: 65 Resp: 796965
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VY022781.D
 Acq: 23 Jun 2025 15:31

Tgt Ion: 114 Resp: 805416
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.8
 88 15.5 0.0 30.4

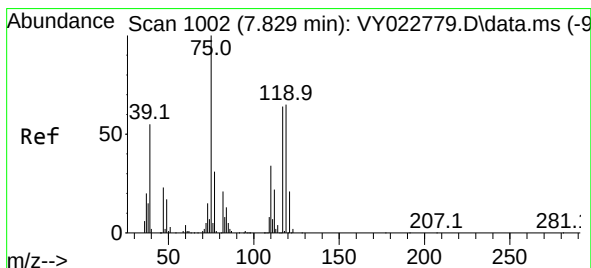
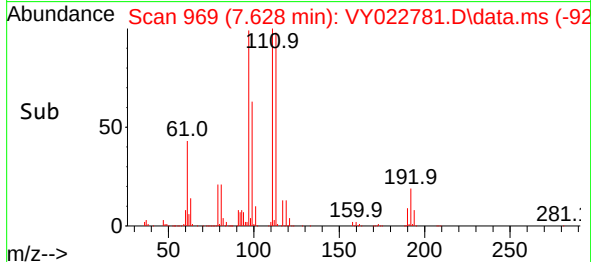
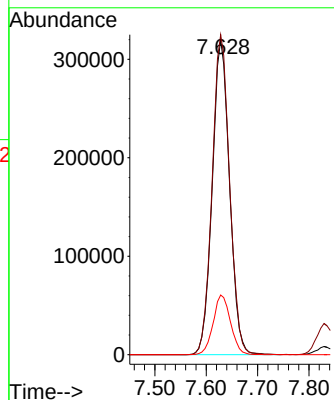
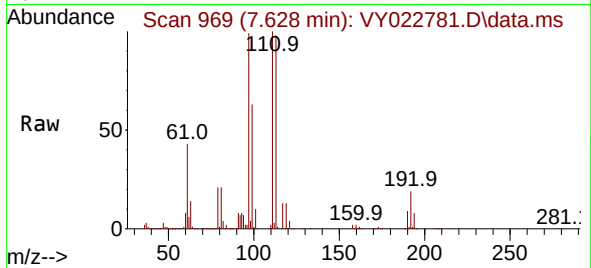




#35
Dibromofluoromethane
Concen: 152.126 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

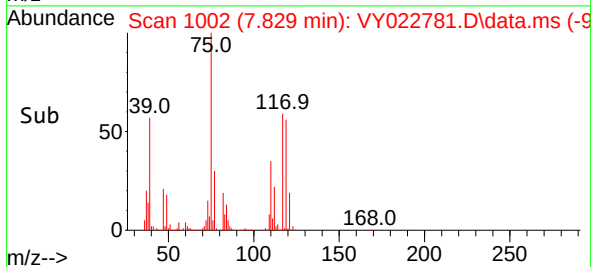
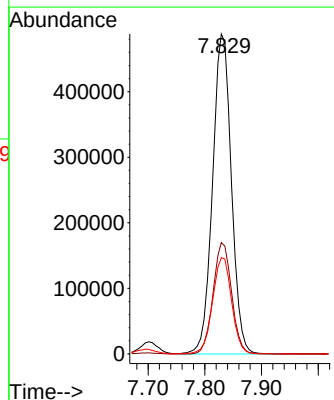
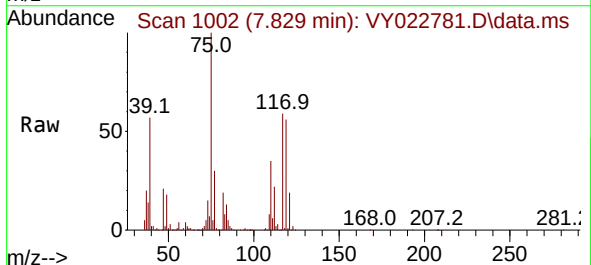
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

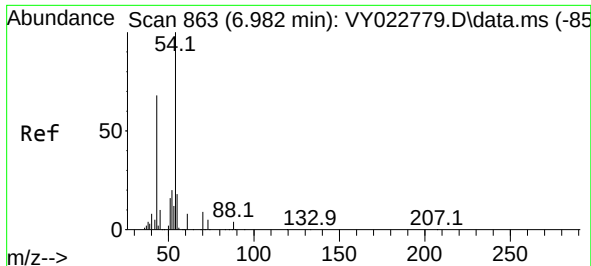
Tgt Ion:113 Resp: 745134
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 19.1 15.6 23.4



#36
1,1-Dichloropropene
Concen: 151.246 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 75 Resp: 1122908
Ion Ratio Lower Upper
75 100
110 34.3 17.3 52.0
77 30.6 25.0 37.4

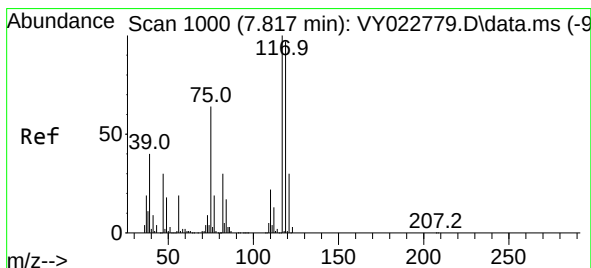
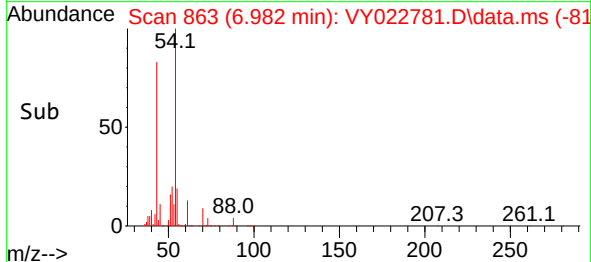
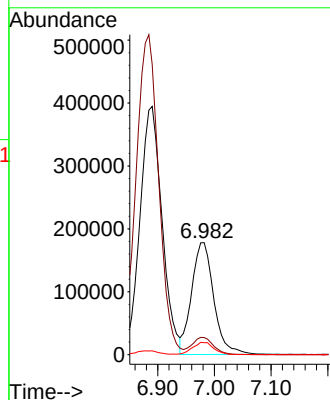
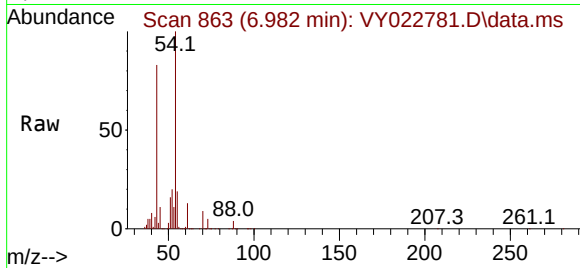




#37
Ethyl Acetate
Concen: 150.953 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

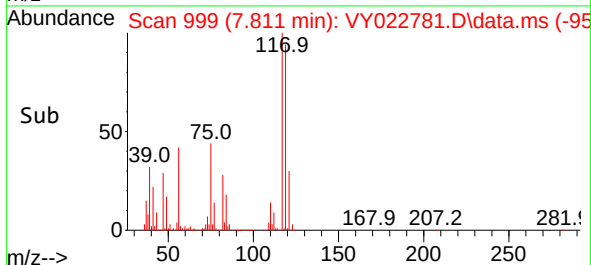
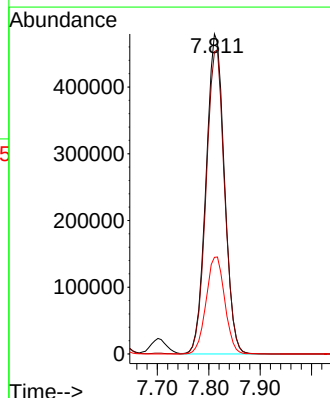
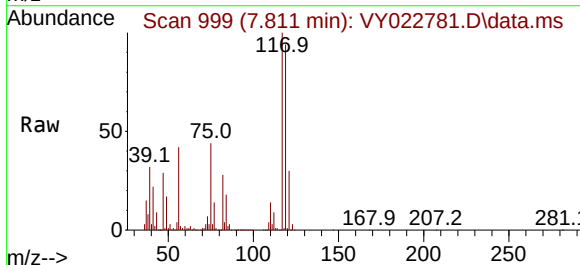
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

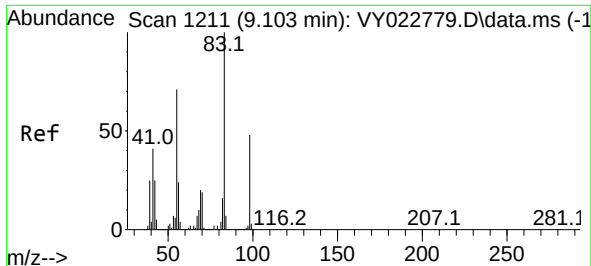
Tgt Ion: 43 Resp: 483616
Ion Ratio Lower Upper
43 100
61 14.8 11.7 17.5
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 151.429 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 117 Resp: 1186256
Ion Ratio Lower Upper
117 100
119 94.4 77.5 116.3
121 30.2 24.1 36.1





#39

Methylcyclohexane

Concen: 153.554 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

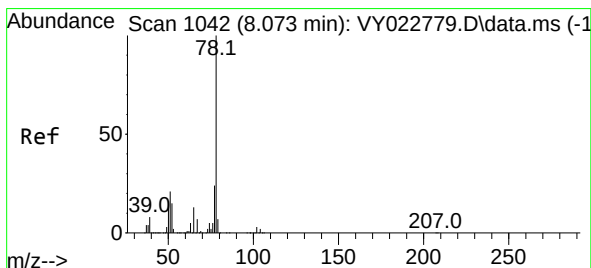
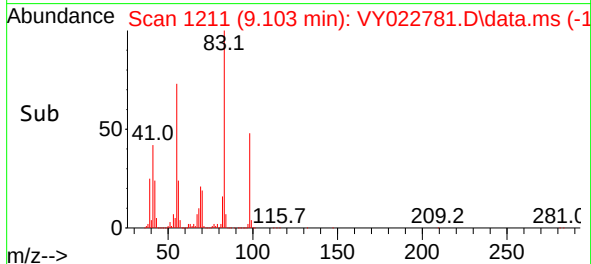
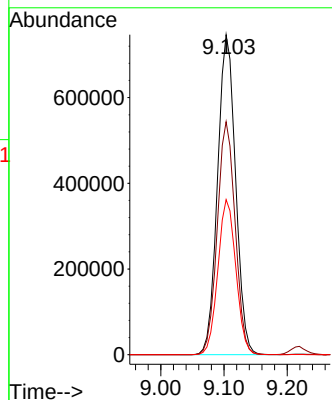
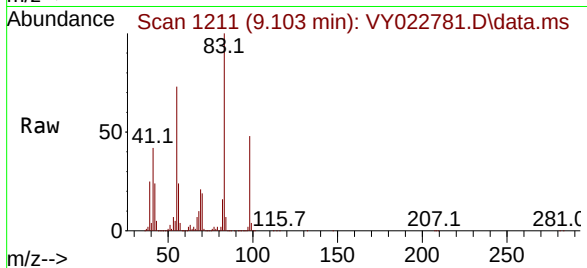
Tgt Ion: 83 Resp: 1475329

Ion Ratio Lower Upper

83 100

55 72.8 56.6 84.8

98 48.5 38.1 57.1



#40

Benzene

Concen: 152.393 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY022781.D

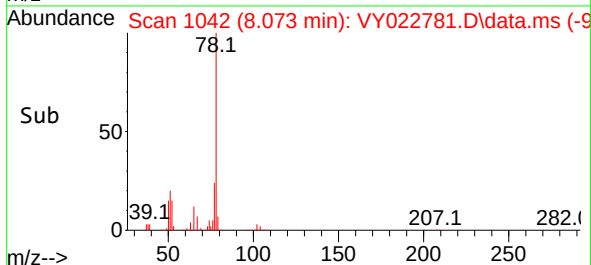
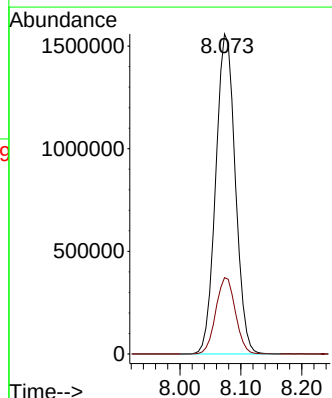
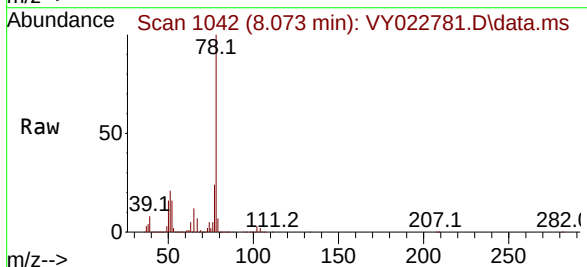
Acq: 23 Jun 2025 15:31

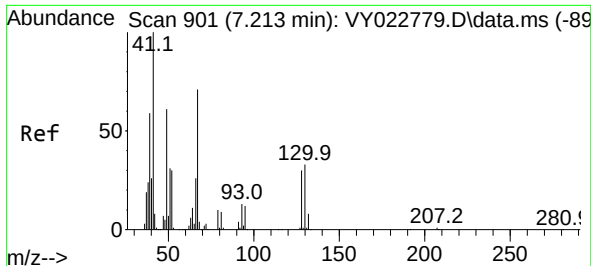
Tgt Ion: 78 Resp: 3478622

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

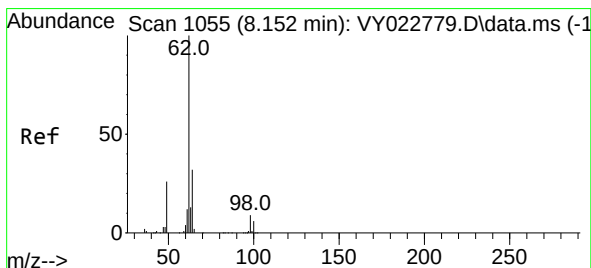
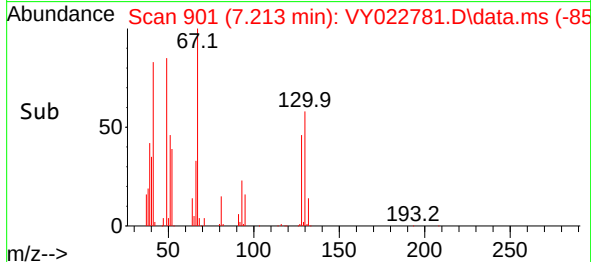
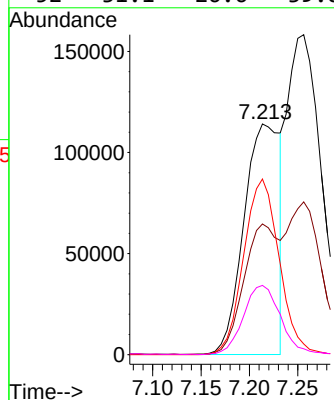
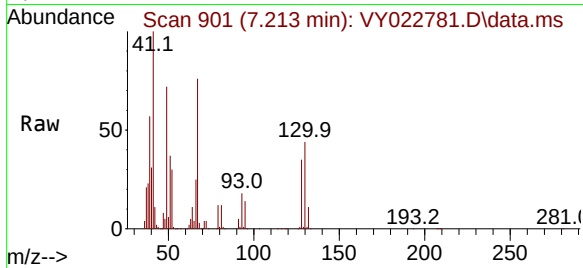




#41
Methacrylonitrile
Concen: 146.477 ug/l
RT: 7.213 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

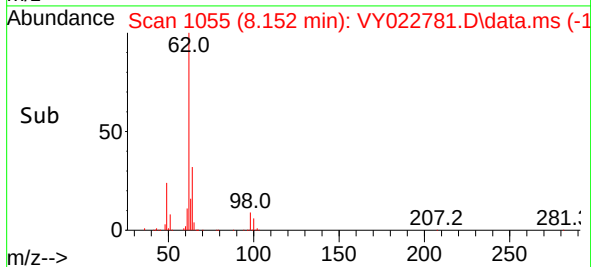
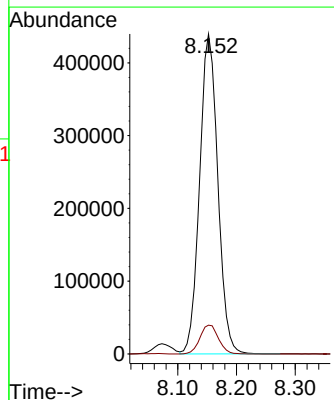
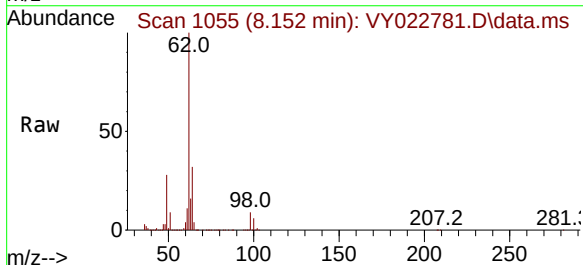
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

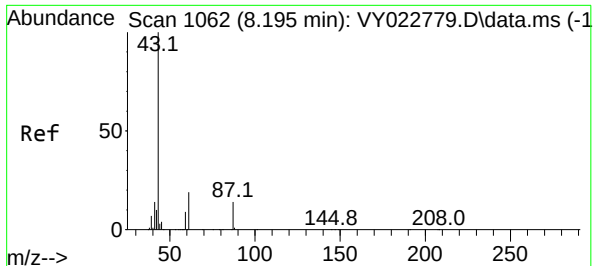
Tgt Ion: 41 Resp: 296053
Ion Ratio Lower Upper
41 100
39 55.0 44.7 67.1
67 75.4 63.1 94.7
52 31.1 26.6 39.8



#42
1,2-Dichloroethane
Concen: 151.288 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 62 Resp: 946330
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.6



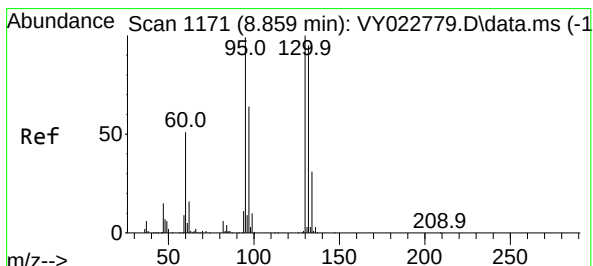
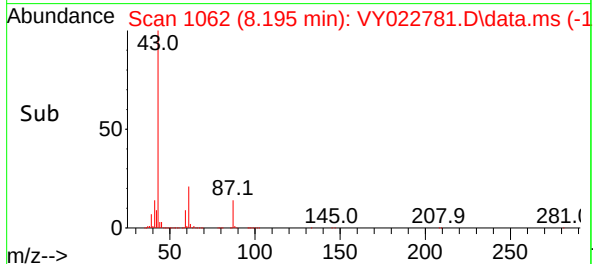
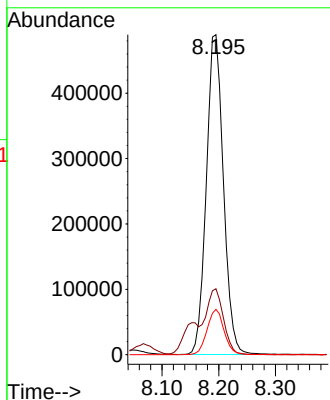
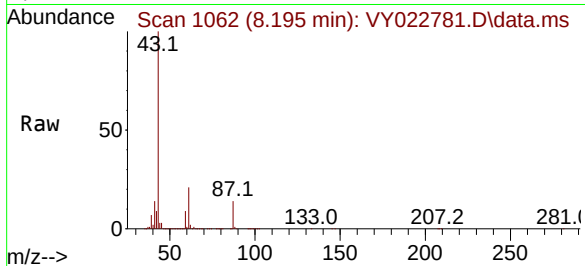


#43
Isopropyl Acetate
Concen: 153.810 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1024167

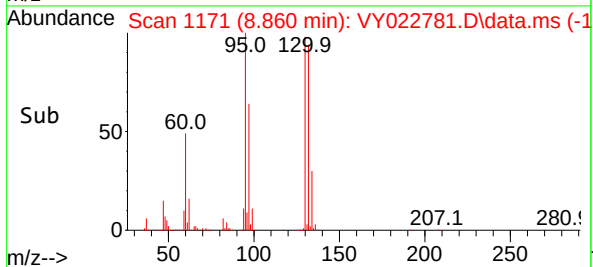
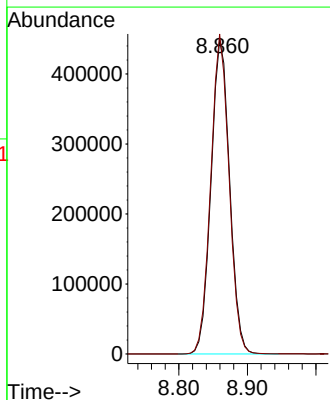
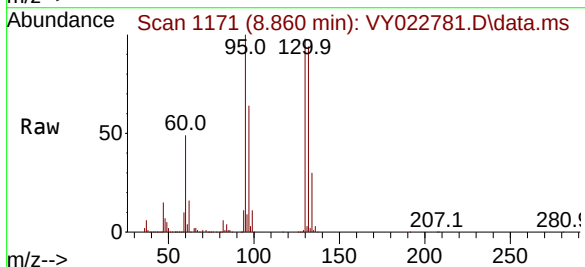
Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.7	25.1
87	14.1	11.0	16.4

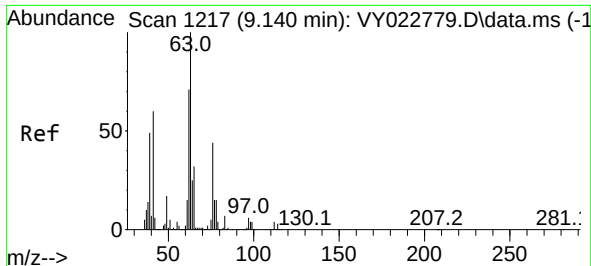


#44
Trichloroethene
Concen: 147.752 ug/l
RT: 8.860 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion:130 Resp: 846785

Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	197.2





#45

1,2-Dichloropropane

Concen: 152.372 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

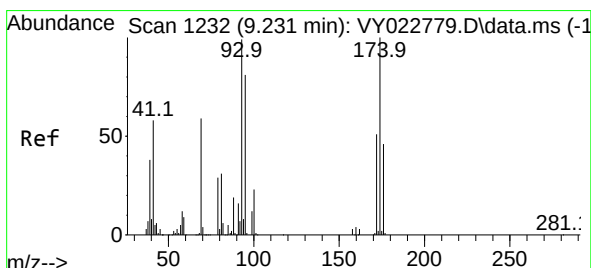
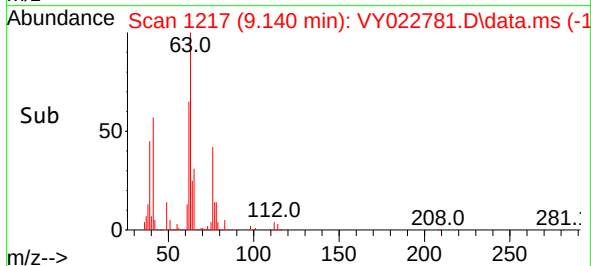
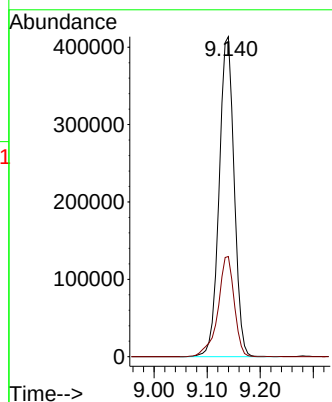
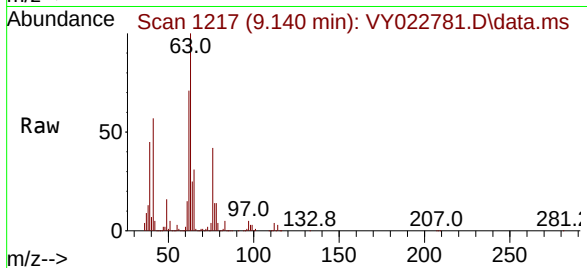
VSTDIC150

Tgt Ion: 63 Resp: 814039

Ion Ratio Lower Upper

63 100

65 31.3 25.3 37.9



#46

Dibromomethane

Concen: 151.287 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

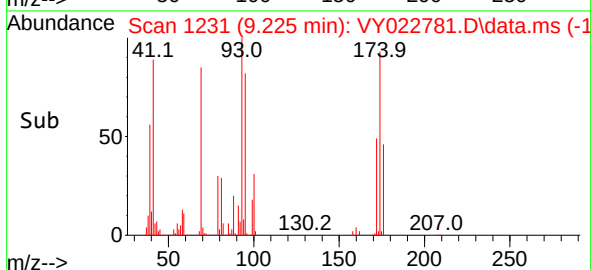
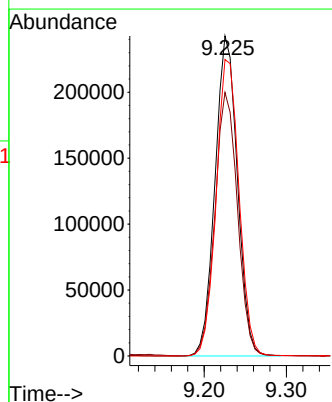
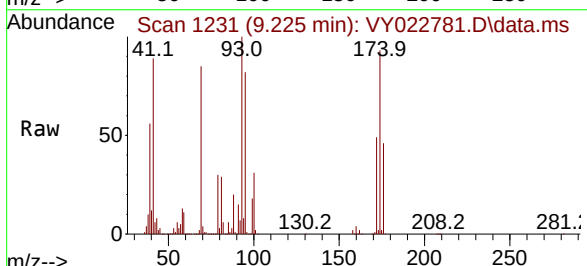
Tgt Ion: 93 Resp: 458817

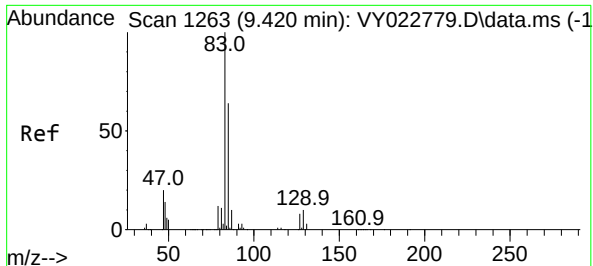
Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

174 94.8 76.7 115.1





#47

Bromodichloromethane

Concen: 153.874 ug/l

RT: 9.420 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

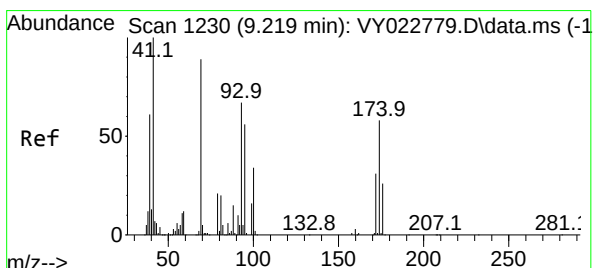
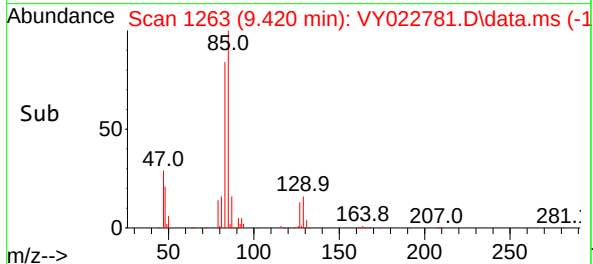
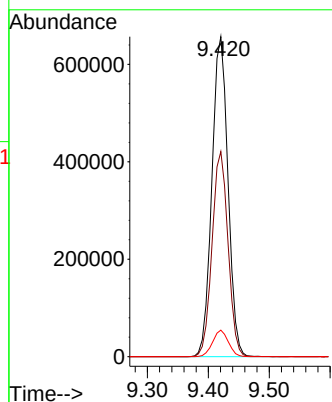
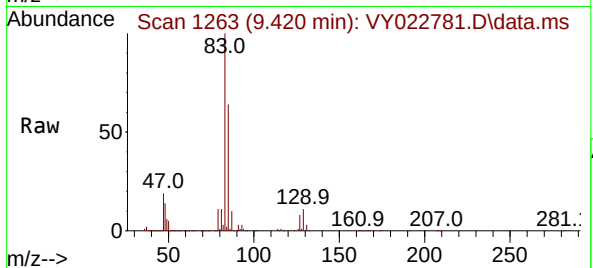
Tgt Ion: 83 Resp: 1203370

Ion Ratio Lower Upper

83 100

85 64.1 51.5 77.3

127 8.3 6.4 9.6



#48

Methyl methacrylate

Concen: 156.493 ug/l

RT: 9.213 min Scan# 1229

Delta R.T. -0.006 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

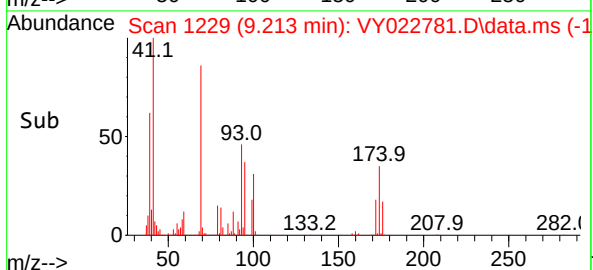
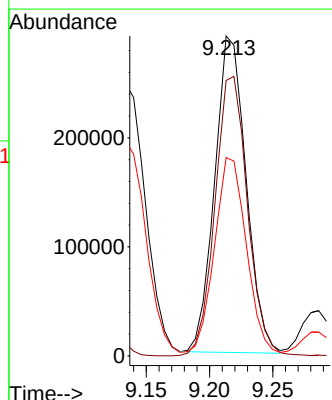
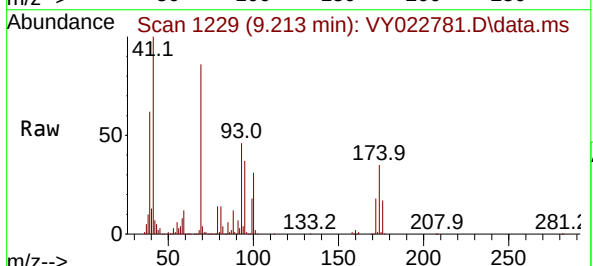
Tgt Ion: 41 Resp: 500939

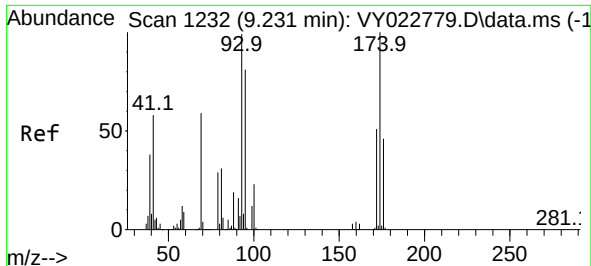
Ion Ratio Lower Upper

41 100

69 91.6 70.6 105.8

39 62.3 50.2 75.4





#49

1,4-Dioxane

Concen: 3141.521 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

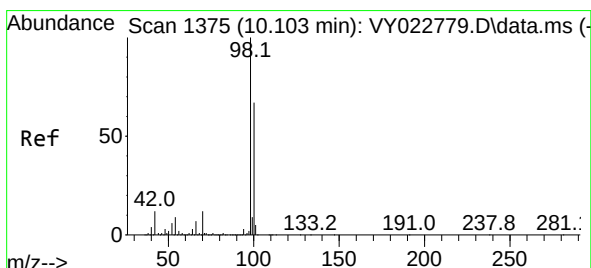
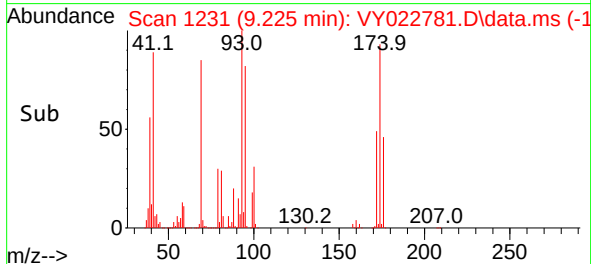
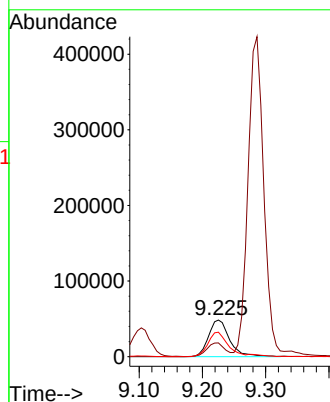
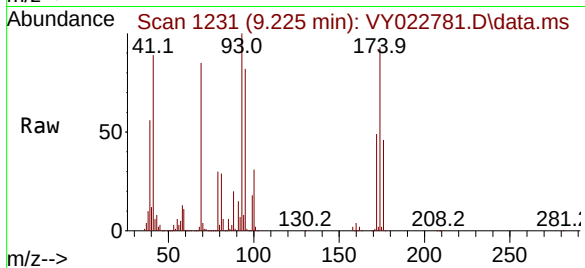
Tgt Ion: 88 Resp: 112563

Ion Ratio Lower Upper

88 100

43 33.0 27.6 41.4

58 67.1 50.6 75.8



#50

Toluene-d8

Concen: 155.039 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022781.D

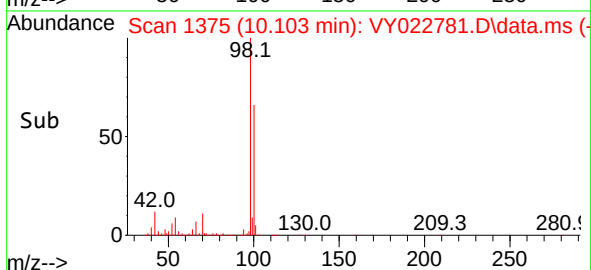
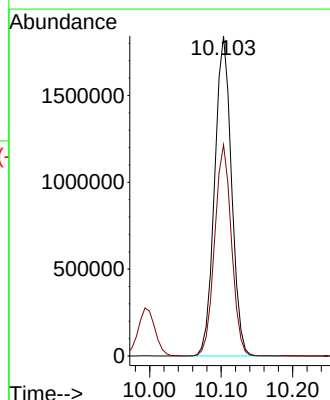
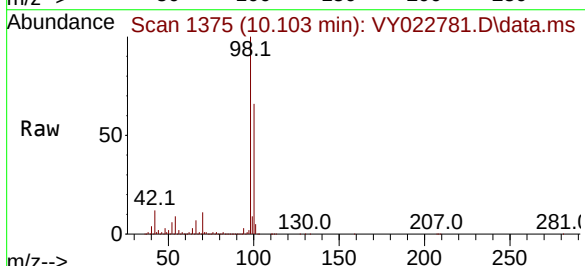
Acq: 23 Jun 2025 15:31

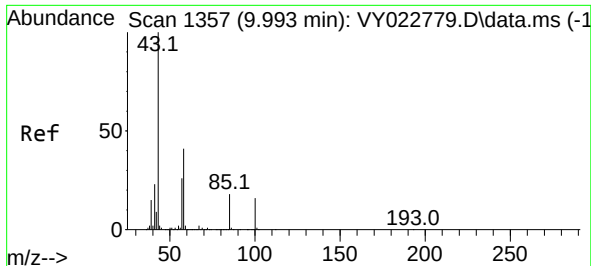
Tgt Ion: 98 Resp: 3013418

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 789.580 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

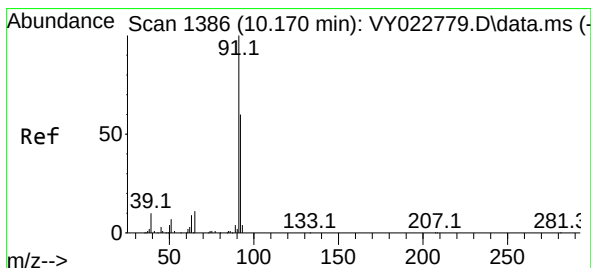
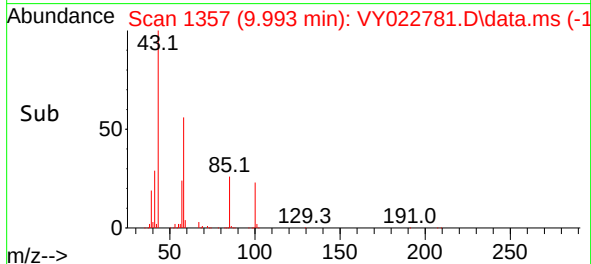
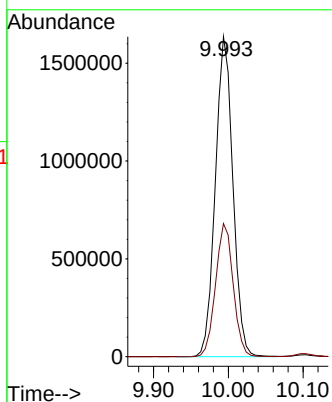
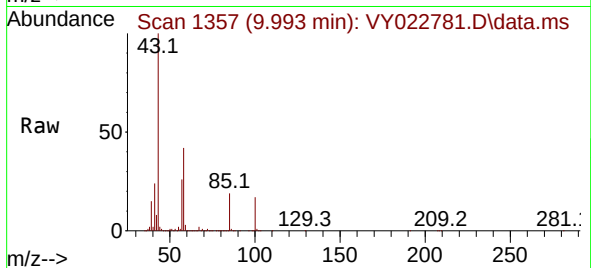
VSTDIC150

Tgt Ion: 43 Resp: 2671727

Ion Ratio Lower Upper

43 100

58 41.8 32.9 49.3



#52

Toluene

Concen: 160.110 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. -0.006 min

Lab File: VY022781.D

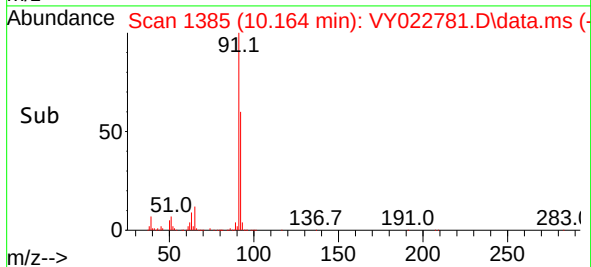
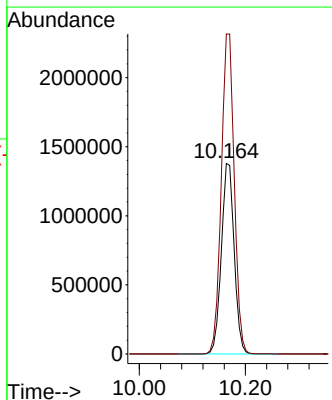
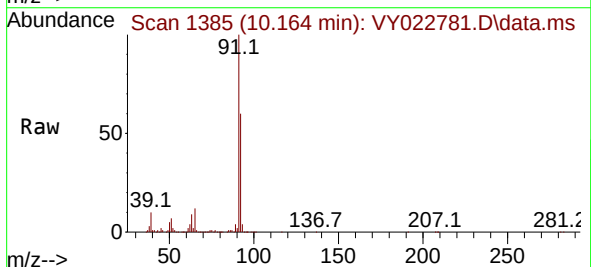
Acq: 23 Jun 2025 15:31

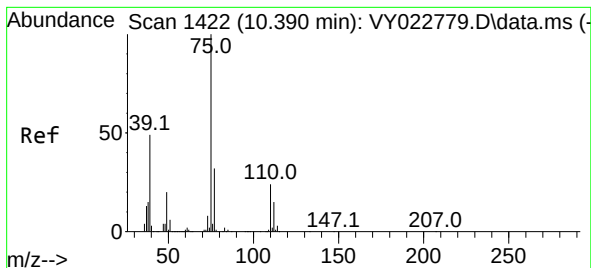
Tgt Ion: 92 Resp: 2305726

Ion Ratio Lower Upper

92 100

91 170.2 137.2 205.8

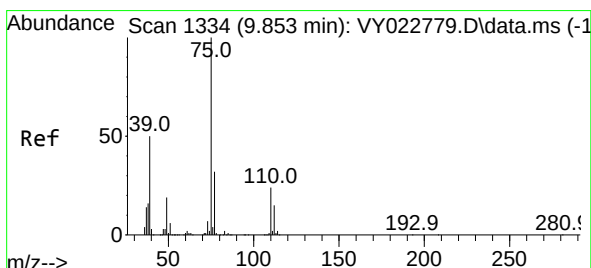
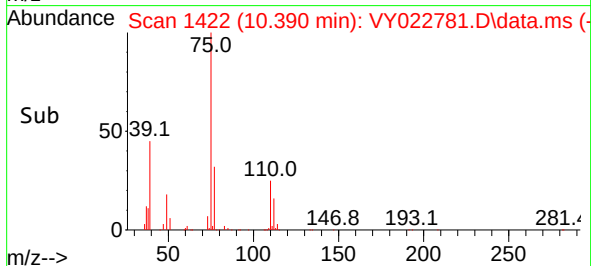
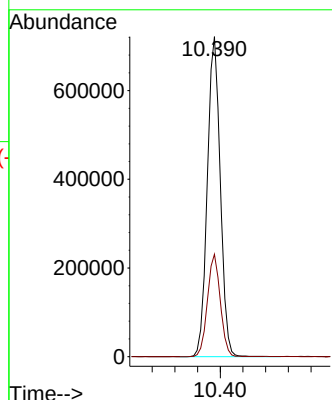
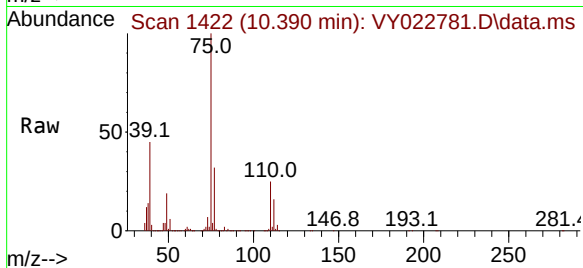




#53
t-1,3-Dichloropropene
Concen: 162.402 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

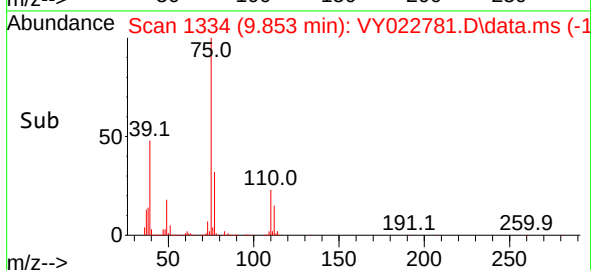
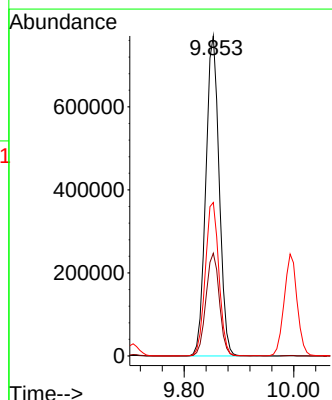
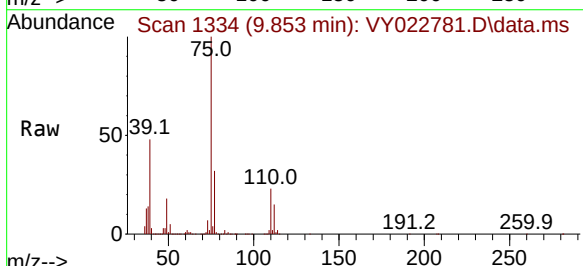
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

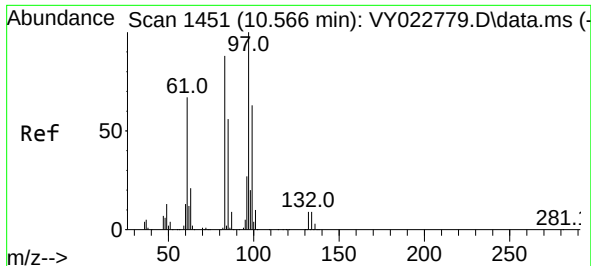
Tgt Ion: 75 Resp: 1142721
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 159.417 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 75 Resp: 1300617
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
39 47.9 40.2 60.2

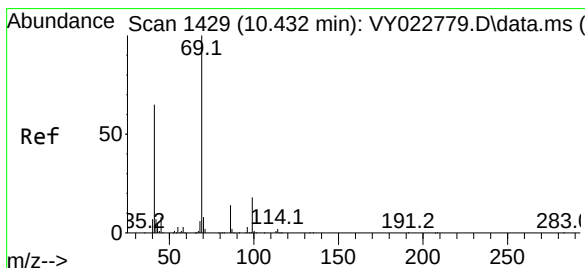
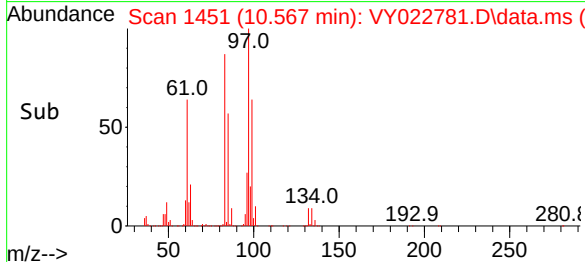
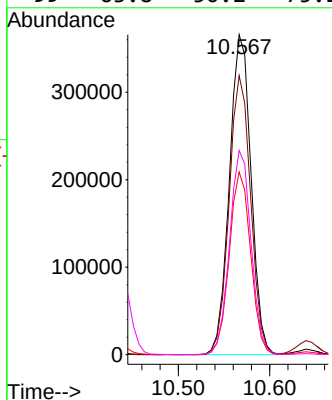
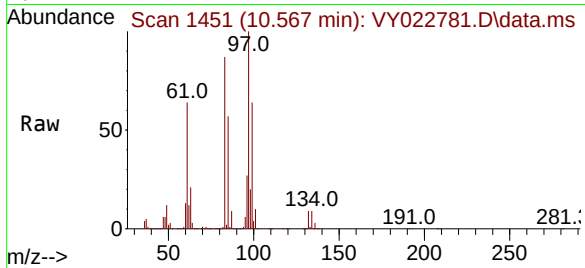




#55
1,1,2-Trichloroethane
Concen: 153.708 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

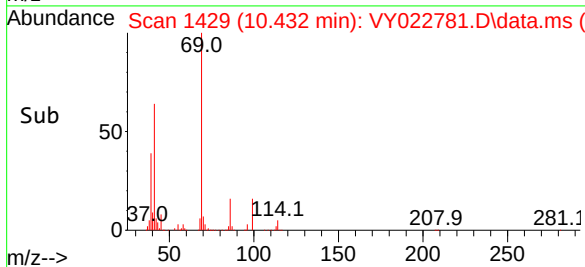
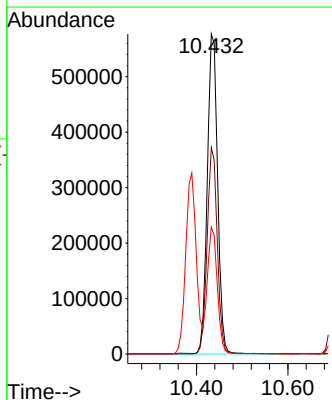
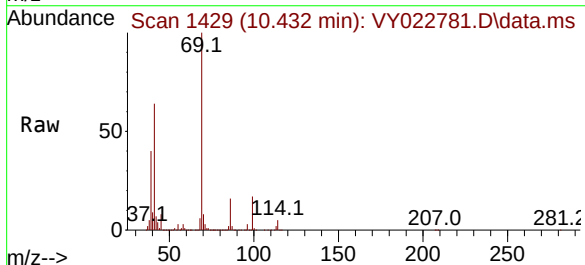
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

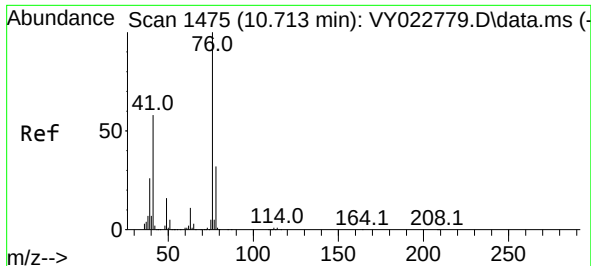
Tgt Ion: 97 Resp: 603625
Ion Ratio Lower Upper
97 100
83 87.2 70.6 106.0
85 57.1 45.0 67.4
99 63.8 50.2 75.2



#56
Ethyl methacrylate
Concen: 170.861 ug/l
RT: 10.432 min Scan# 1429
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 69 Resp: 902735
Ion Ratio Lower Upper
69 100
41 63.0 51.2 76.8
39 37.6 31.4 47.2





#57

1,3-Dichloropropane

Concen: 152.639 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

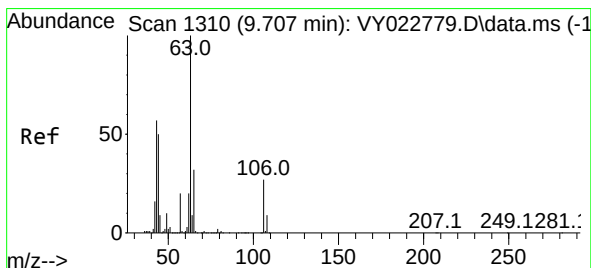
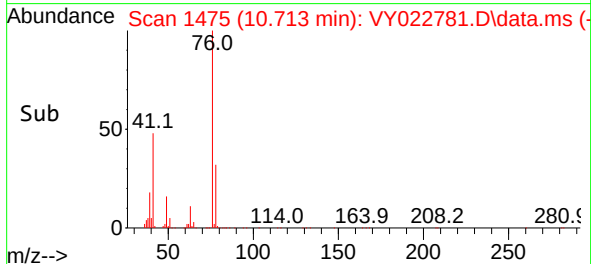
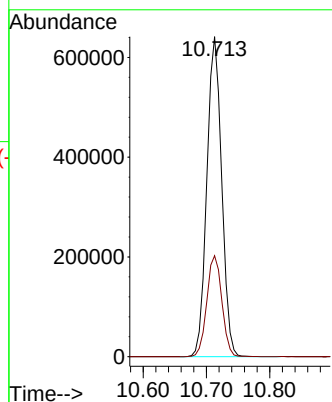
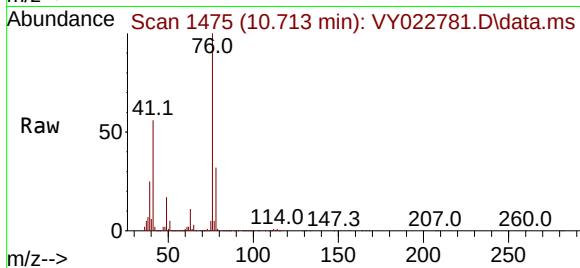
VSTDIC150

Tgt Ion: 76 Resp: 1045814

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 746.984 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022781.D

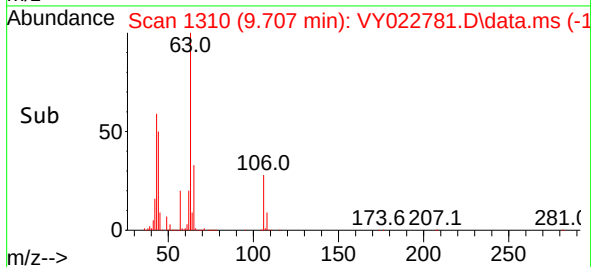
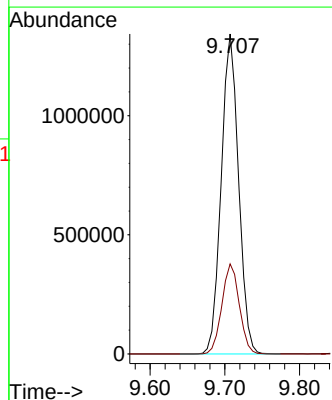
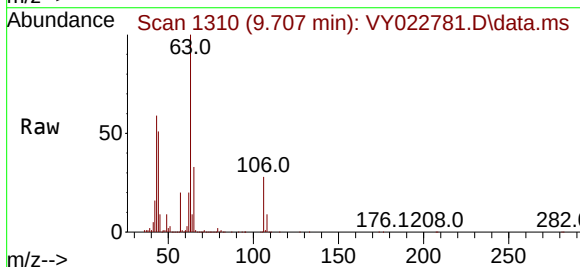
Acq: 23 Jun 2025 15:31

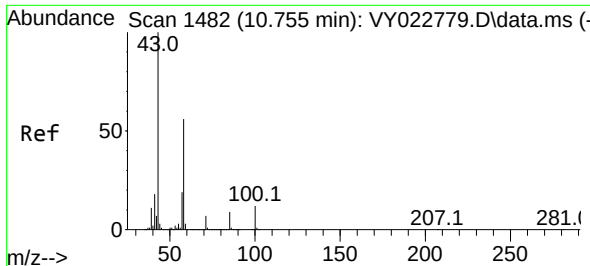
Tgt Ion: 63 Resp: 2166504

Ion Ratio Lower Upper

63 100

106 28.3 22.3 33.5

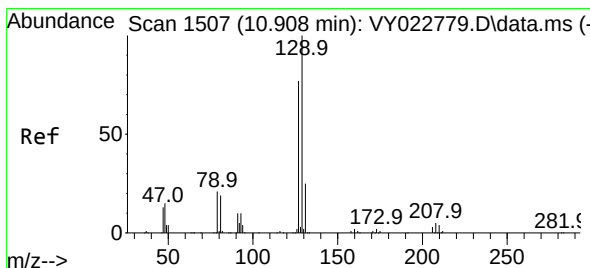
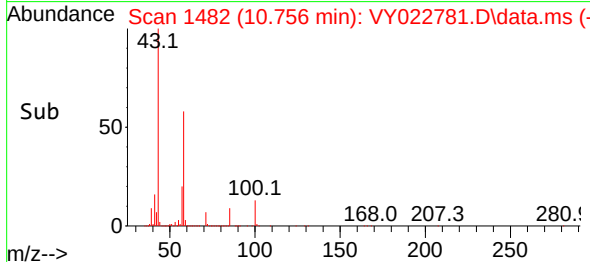
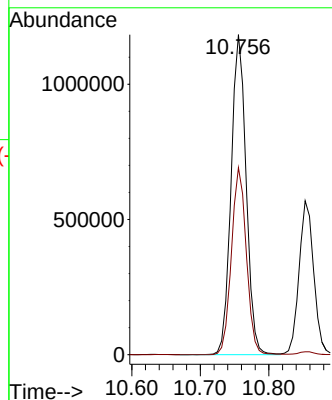
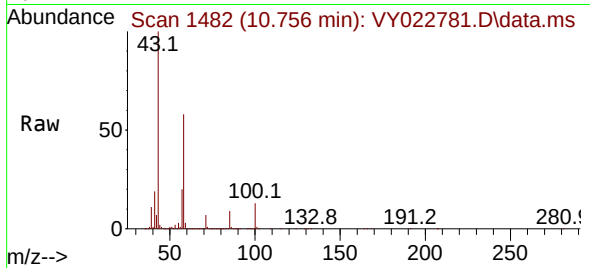




#59
2-Hexanone
Concen: 783.272 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

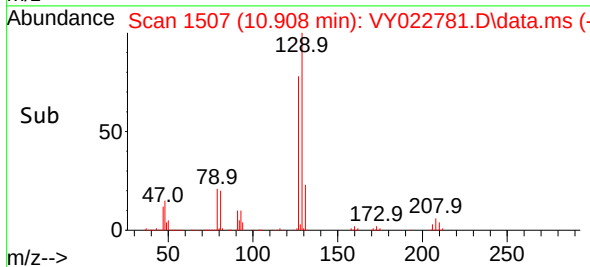
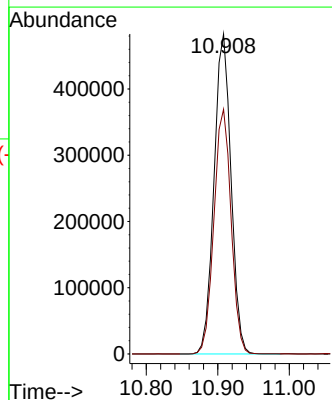
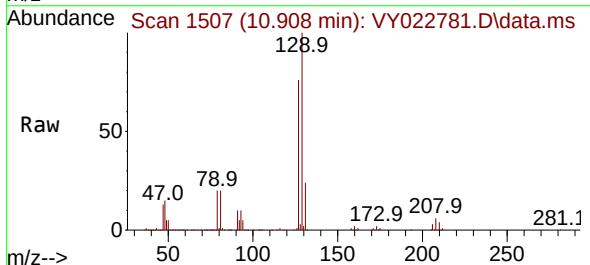
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

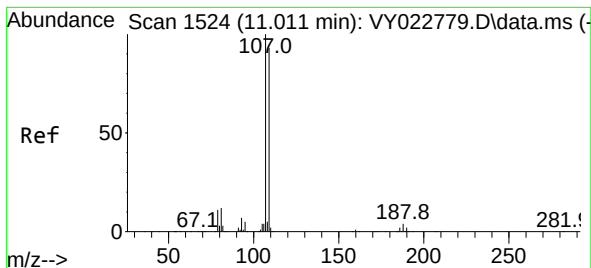
Tgt Ion: 43 Resp: 1801932
Ion Ratio Lower Upper
43 100
58 58.0 28.0 83.9



#60
Dibromochloromethane
Concen: 156.822 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 129 Resp: 795480
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1

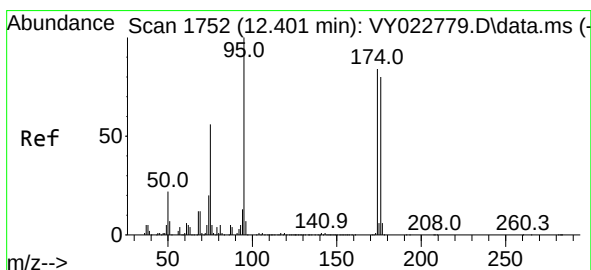
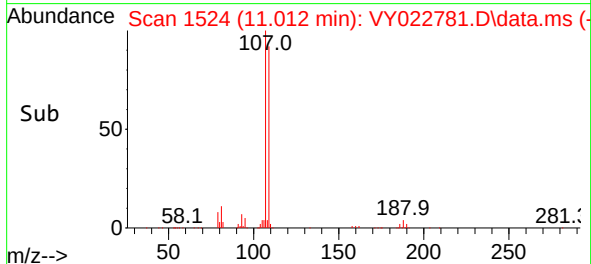
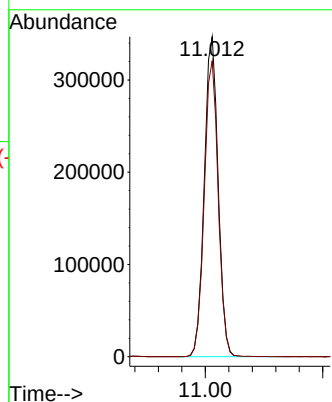
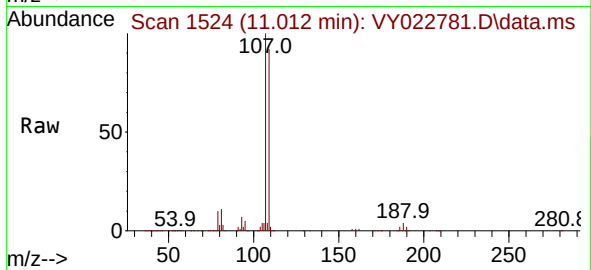




#61
1,2-Dibromoethane
Concen: 154.871 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

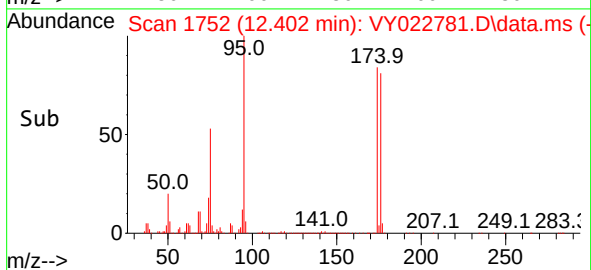
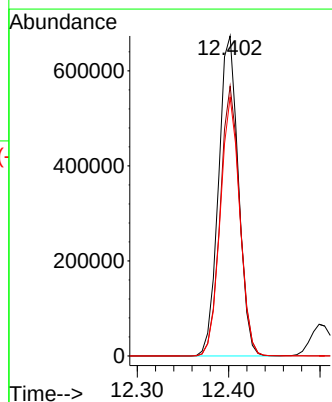
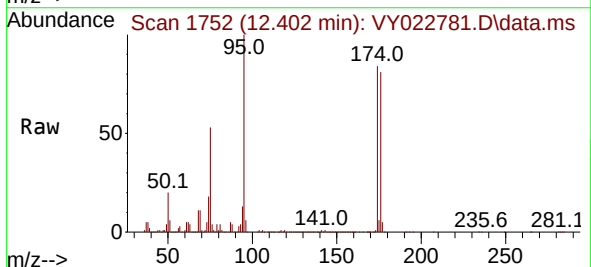
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

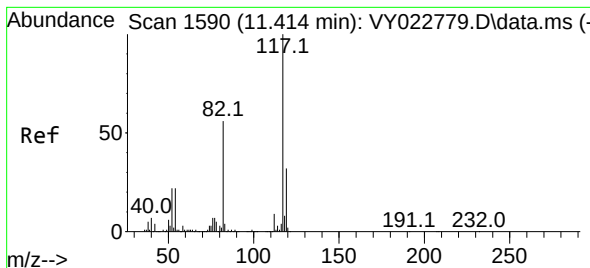
Tgt Ion:107 Resp: 569130
Ion Ratio Lower Upper
107 100
109 93.0 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 162.737 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 95 Resp: 1016821
Ion Ratio Lower Upper
95 100
174 82.8 0.0 168.2
176 79.6 0.0 160.8

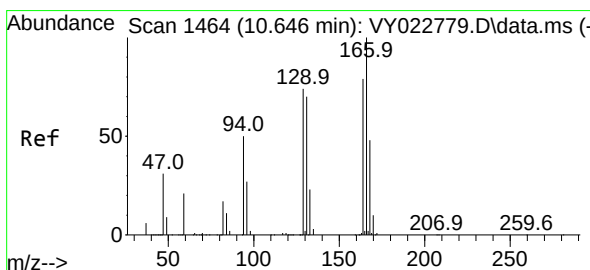
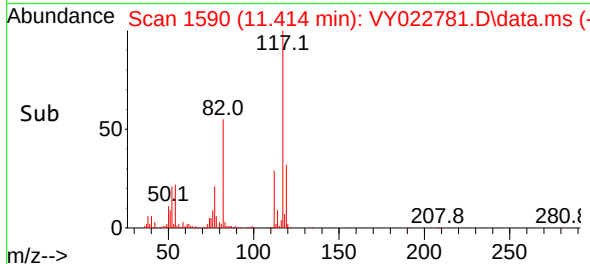
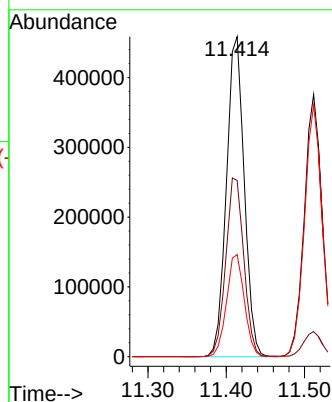
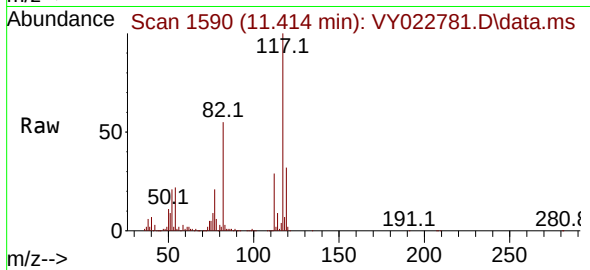




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

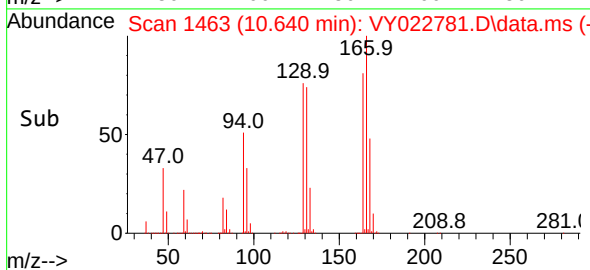
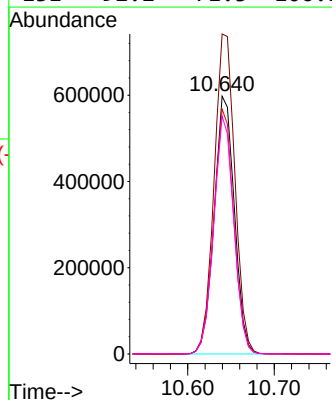
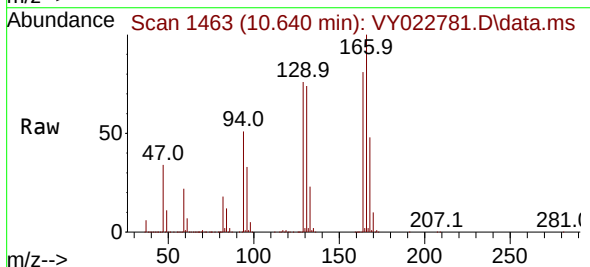
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

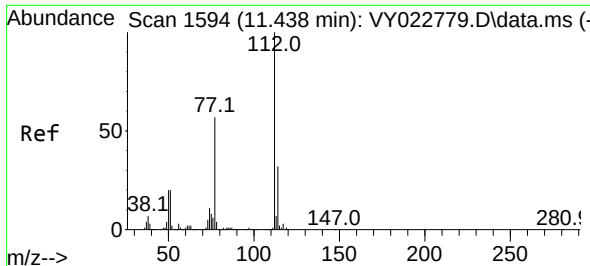
Tgt Ion:117 Resp: 724825
Ion Ratio Lower Upper
117 100
82 55.0 45.1 67.7
119 31.9 25.4 38.0



#64
Tetrachloroethene
Concen: 141.712 ug/l
RT: 10.640 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion:164 Resp: 970361
Ion Ratio Lower Upper
164 100
166 124.1 101.2 151.8
129 94.8 74.7 112.1
131 92.2 71.3 106.9

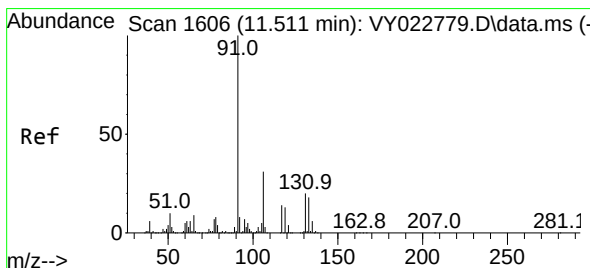
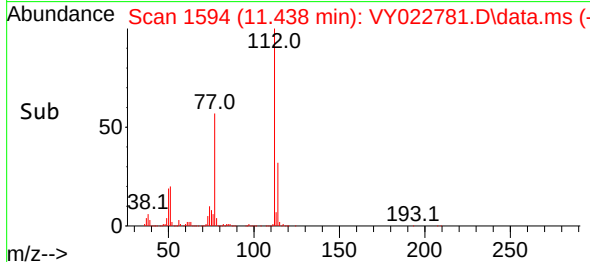
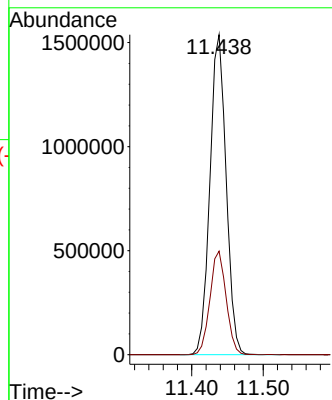
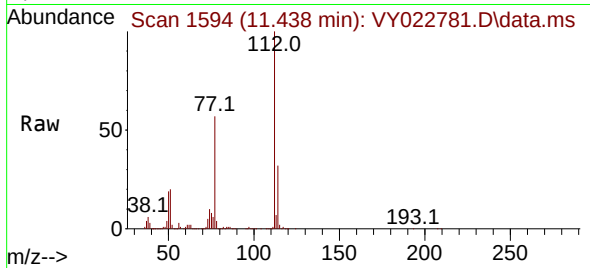




#65
Chlorobenzene
Concen: 152.091 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

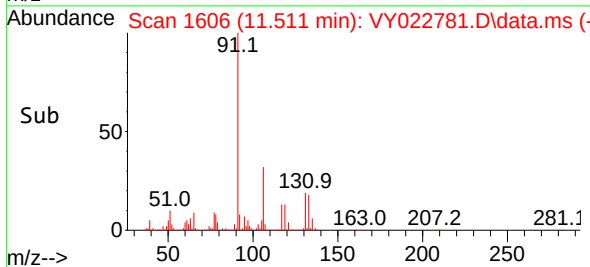
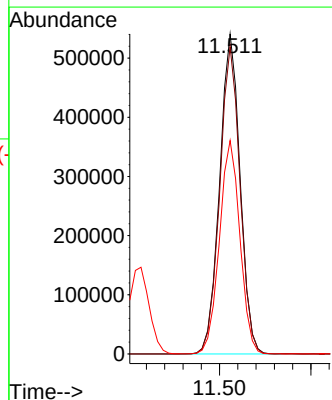
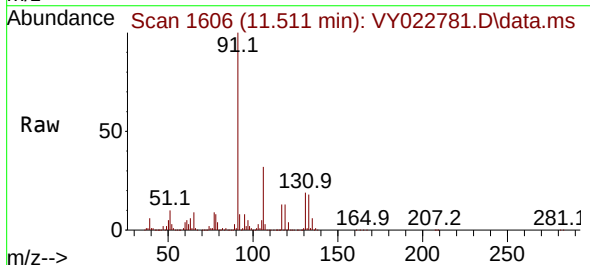
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

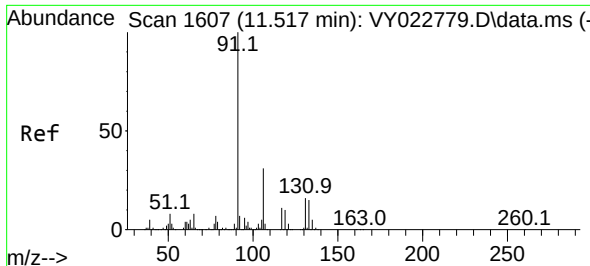
Tgt Ion:112 Resp: 2422303
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 155.771 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion:131 Resp: 840296
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.9
119 66.8 32.9 98.7

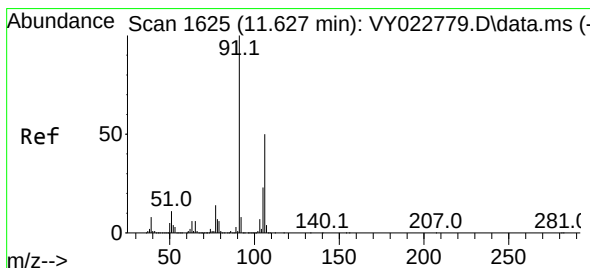
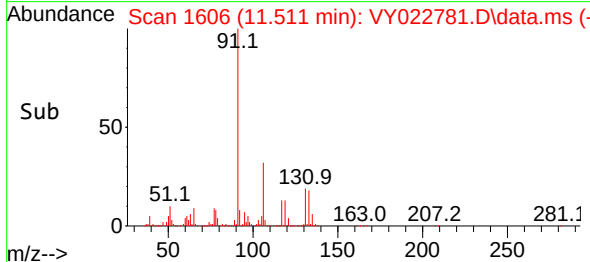
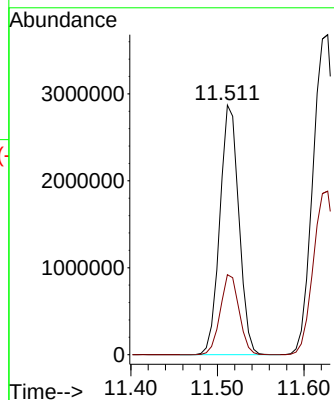
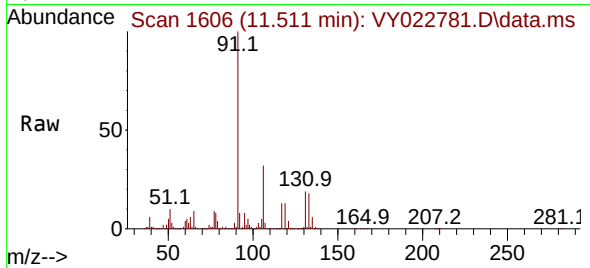




#67
Ethyl Benzene
Concen: 156.829 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

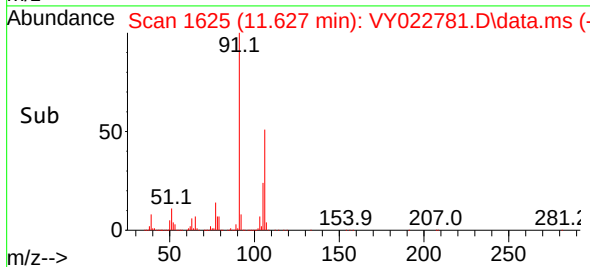
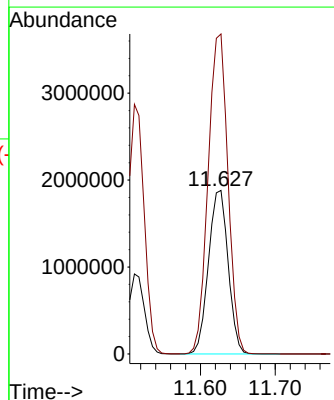
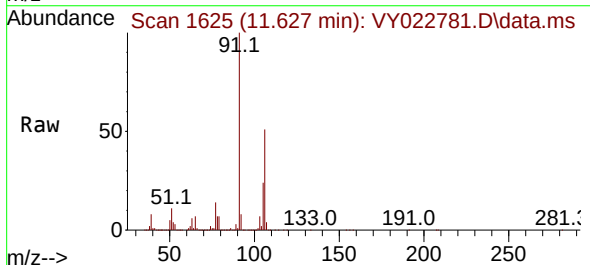
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

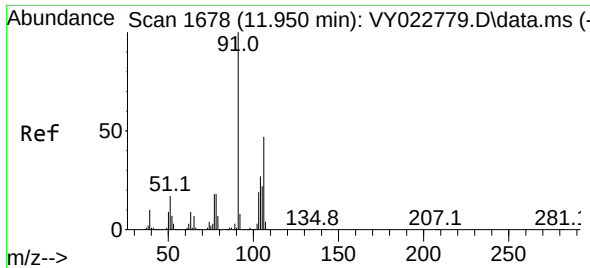
Tgt Ion: 91 Resp: 4388572
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.4



#68
m/p-Xylenes
Concen: 317.973 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion:106 Resp: 3439594
Ion Ratio Lower Upper
106 100
91 197.7 160.4 240.6

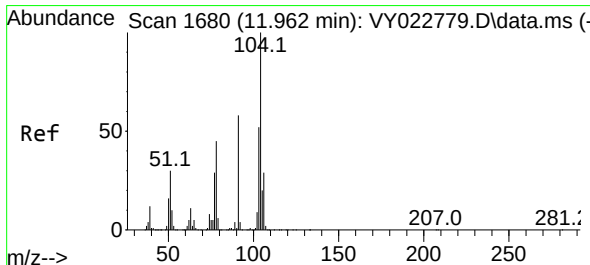
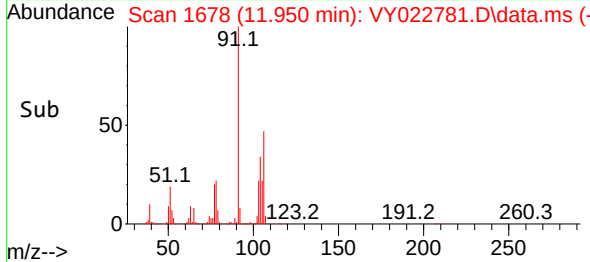
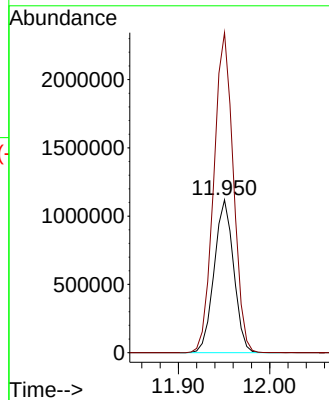
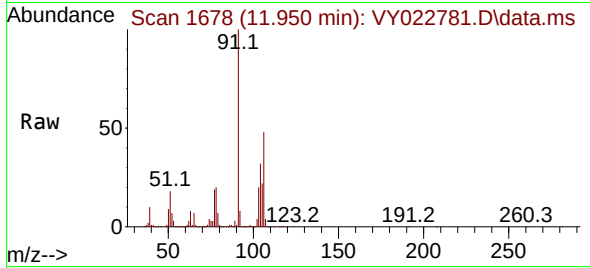




#69
o-Xylene
Concen: 163.273 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

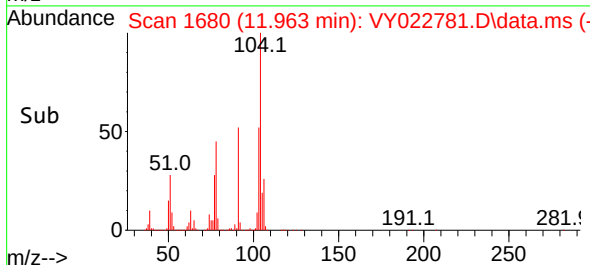
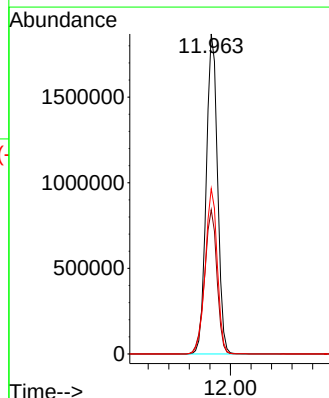
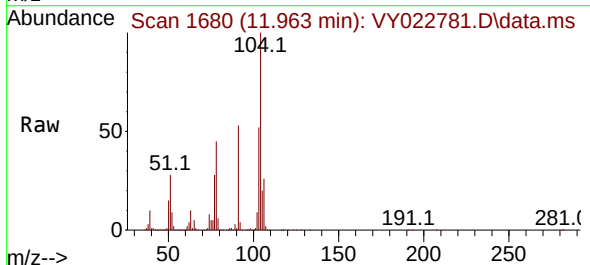
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

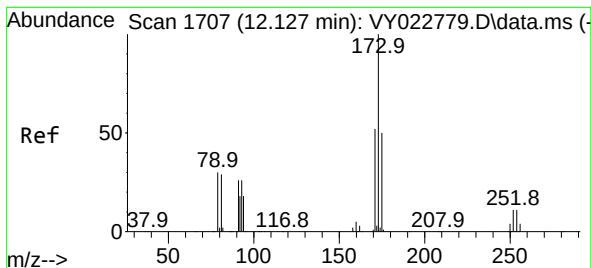
Tgt Ion:106 Resp: 1664173
Ion Ratio Lower Upper
106 100
91 210.5 106.9 320.8



#70
Styrene
Concen: 166.754 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion:104 Resp: 2846995
Ion Ratio Lower Upper
104 100
78 49.2 38.8 58.2
103 54.9 43.7 65.5





#71

Bromoform

Concen: 159.256 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

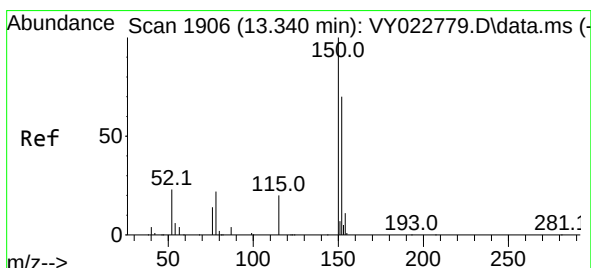
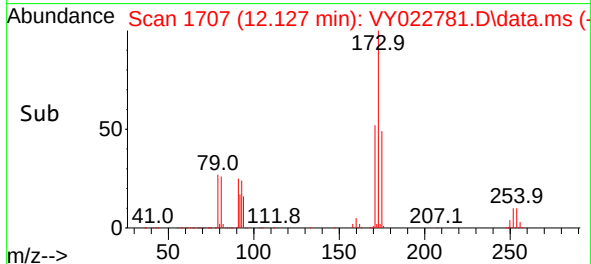
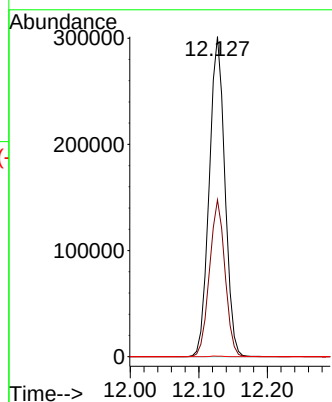
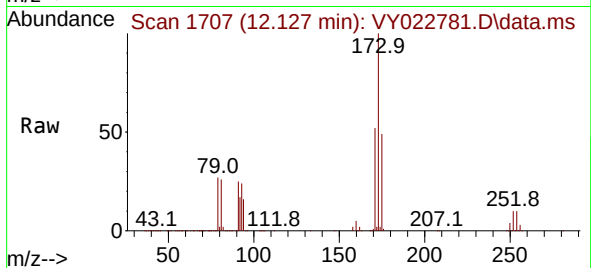
Tgt Ion:173 Resp: 478356

Ion Ratio Lower Upper

173 100

175 48.3 24.5 73.5

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

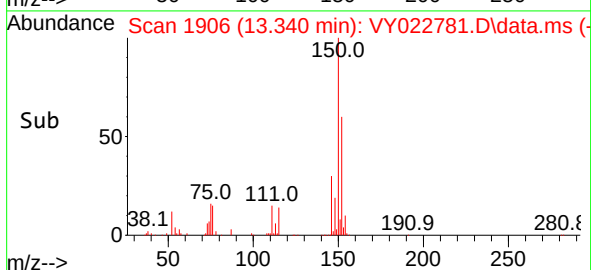
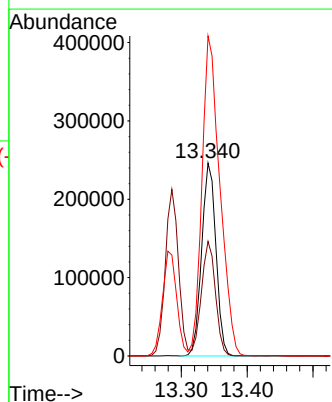
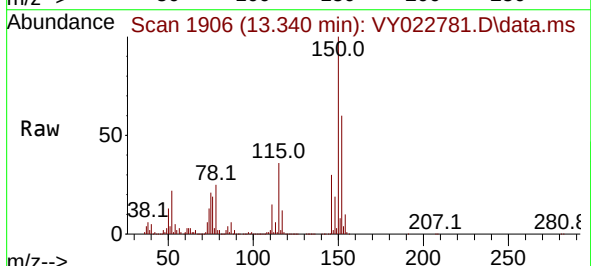
Tgt Ion:152 Resp: 371200

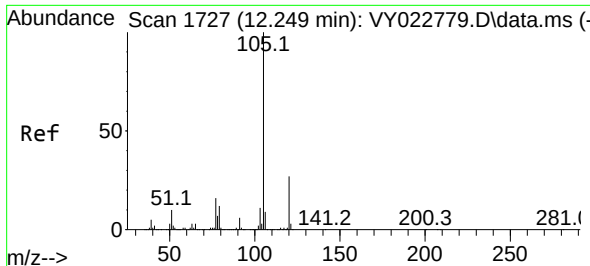
Ion Ratio Lower Upper

152 100

115 57.9 28.1 84.3

150 207.8 0.0 346.4

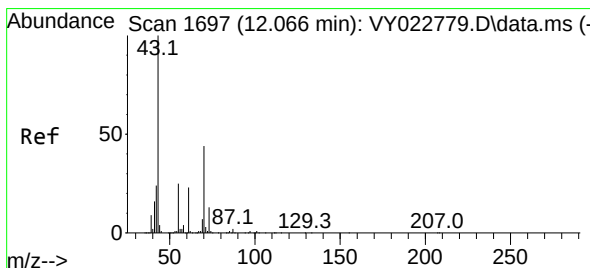
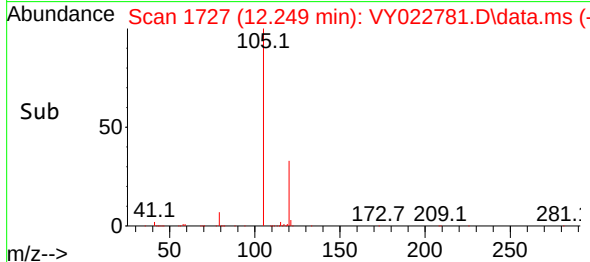
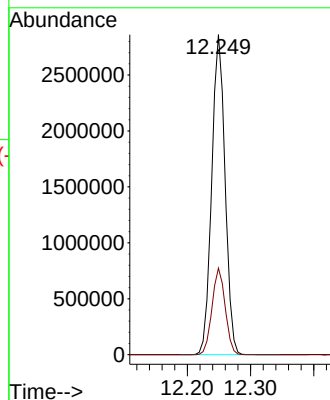
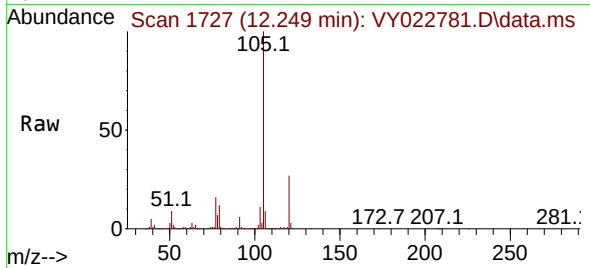




#73
Isopropylbenzene
Concen: 152.475 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

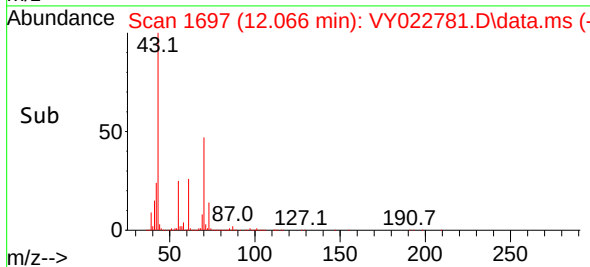
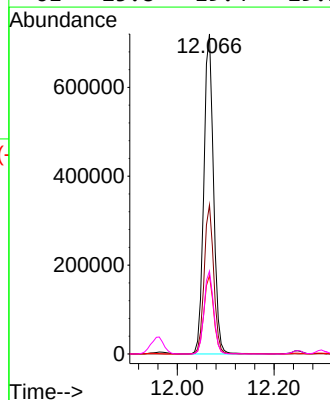
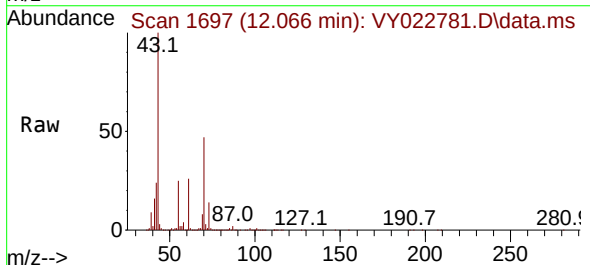
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

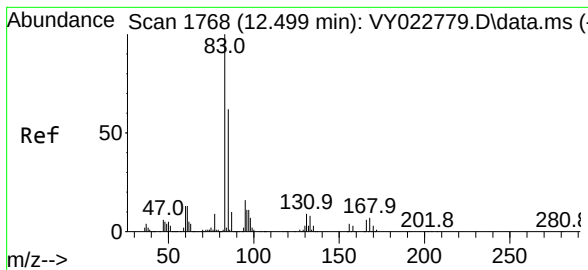
Tgt Ion:105 Resp: 4185860
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3



#74
N-ethyl acetate
Concen: 162.561 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 43 Resp: 1001716
Ion Ratio Lower Upper
43 100
70 45.9 35.8 53.6
55 24.6 19.9 29.9
61 25.8 19.4 29.2

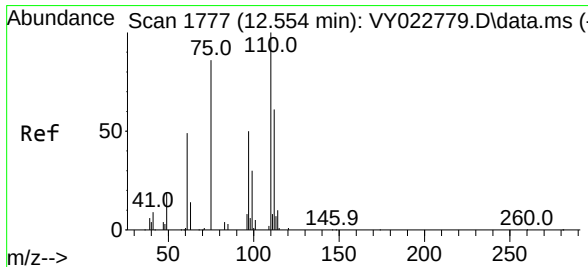
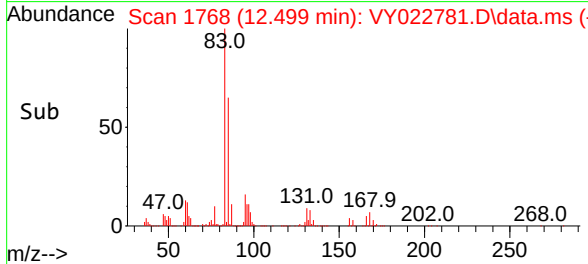
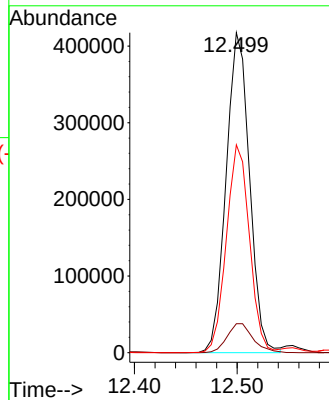
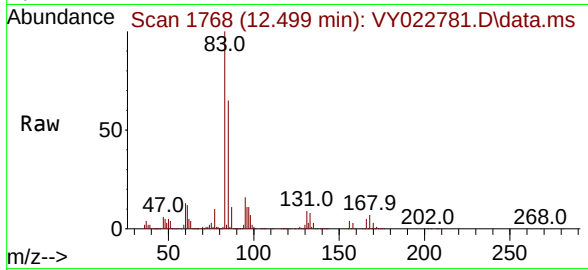




#75
1,1,2,2-Tetrachloroethane
Concen: 149.281 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

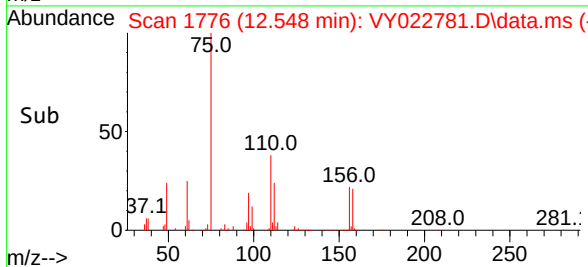
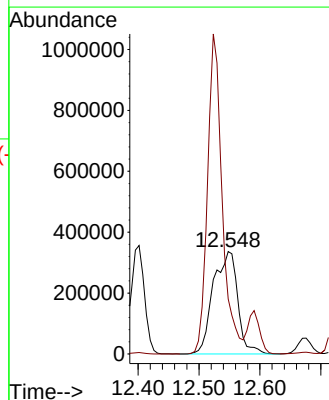
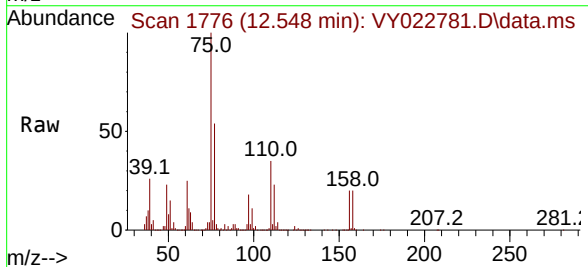
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

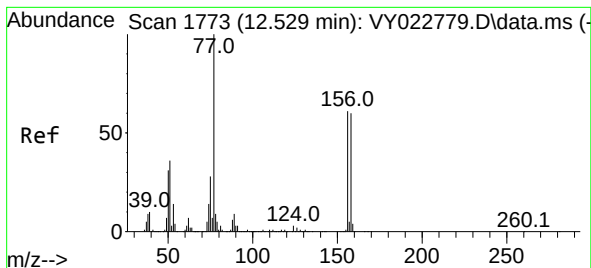
Tgt Ion: 83 Resp: 660490
Ion Ratio Lower Upper
83 100
131 10.1 5.2 15.6
85 64.1 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 239.492 ug/l
RT: 12.548 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 75 Resp: 936158
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 152.942 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

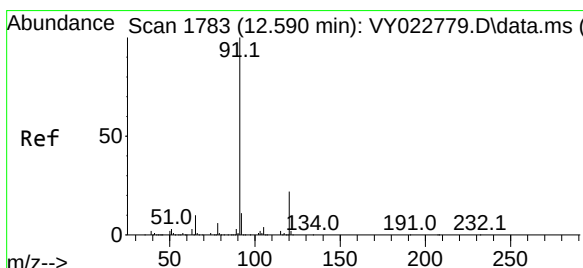
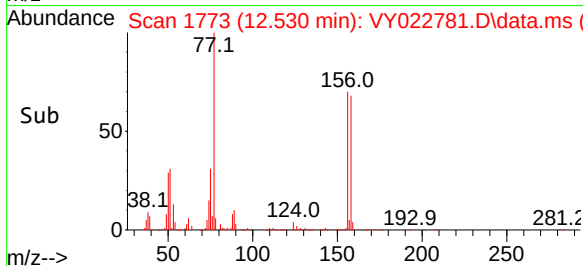
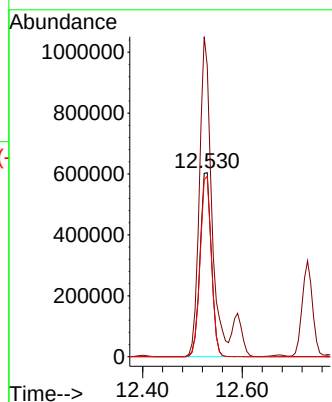
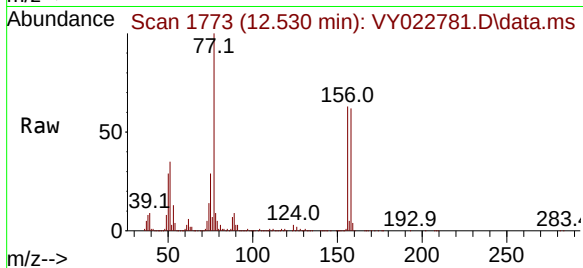
Tgt Ion:156 Resp: 951688

Ion Ratio Lower Upper

156 100

77 186.2 93.4 280.2

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 149.293 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY022781.D

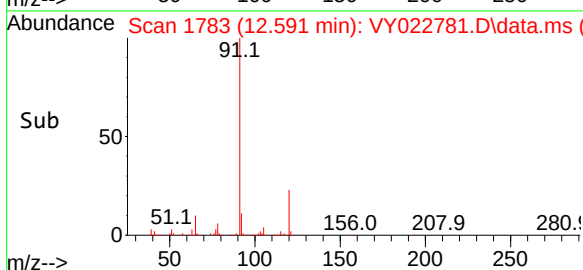
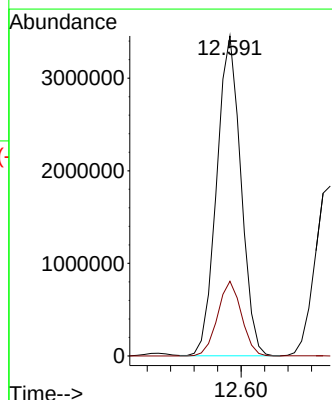
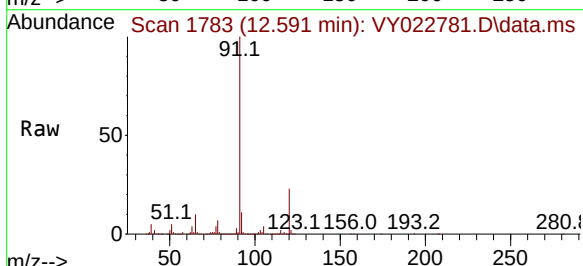
Acq: 23 Jun 2025 15:31

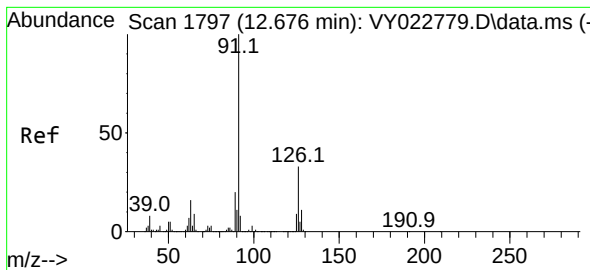
Tgt Ion: 91 Resp: 4948353

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.8

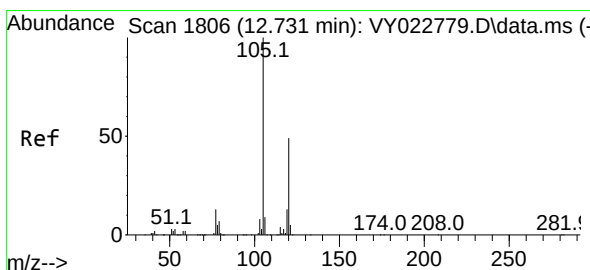
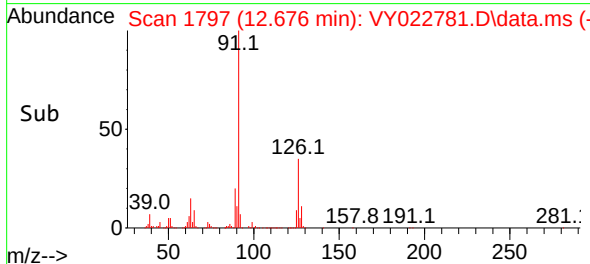
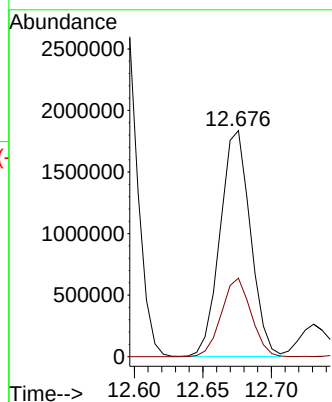
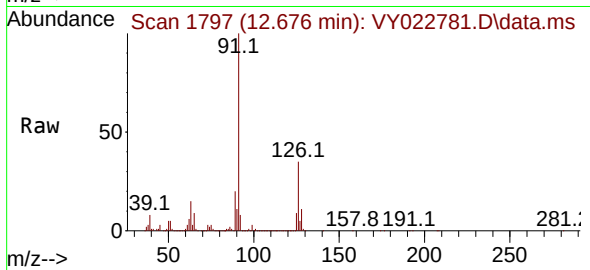




#79
2-Chlorotoluene
Concen: 151.115 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

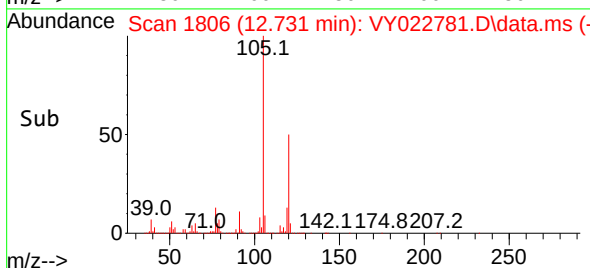
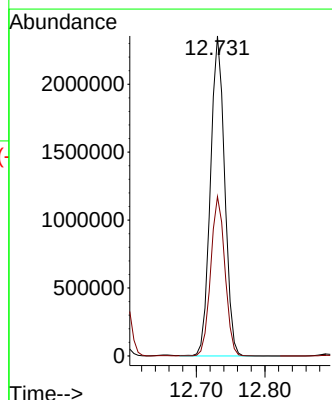
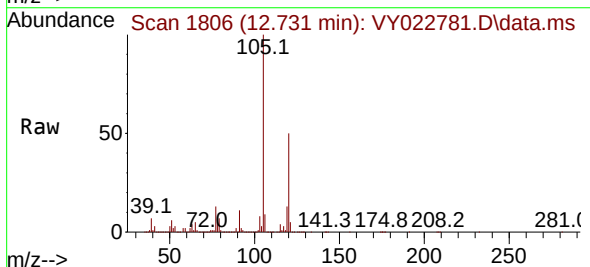
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

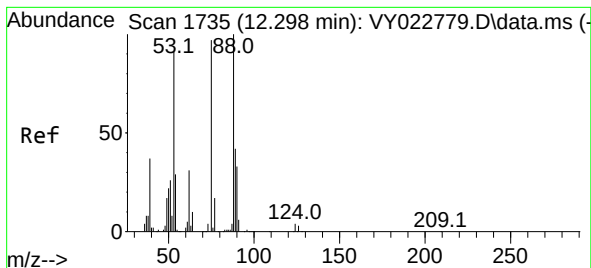
Tgt Ion: 91 Resp: 2829859
Ion Ratio Lower Upper
91 100
126 34.0 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 153.210 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 105 Resp: 3395371
Ion Ratio Lower Upper
105 100
120 49.8 24.8 74.3

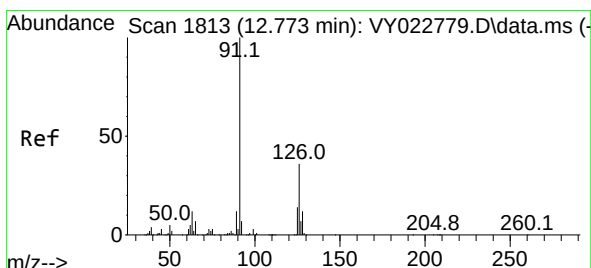
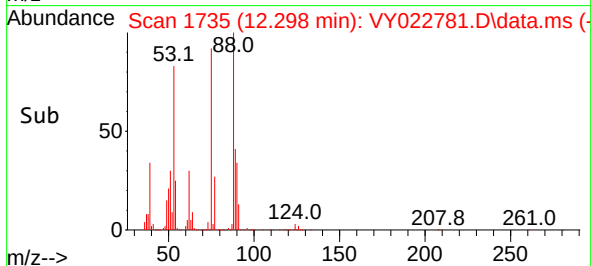
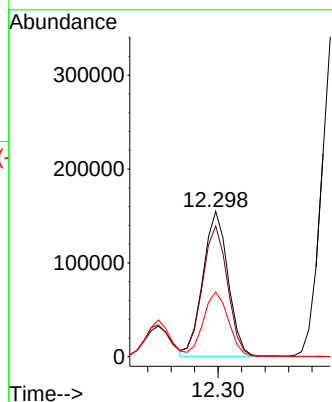
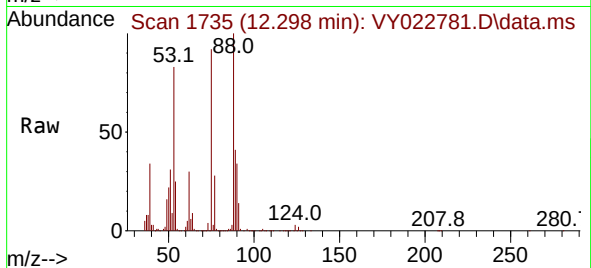




#81
trans-1,4-Dichloro-2-butene
Concen: 152.383 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

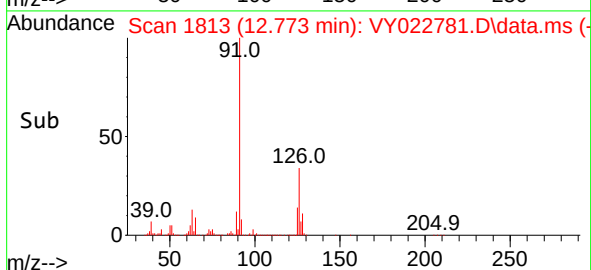
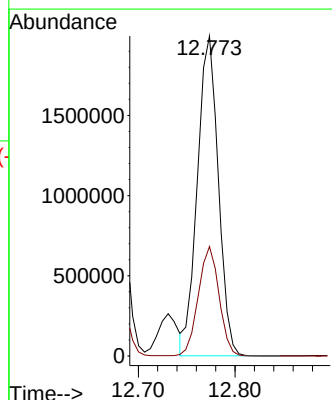
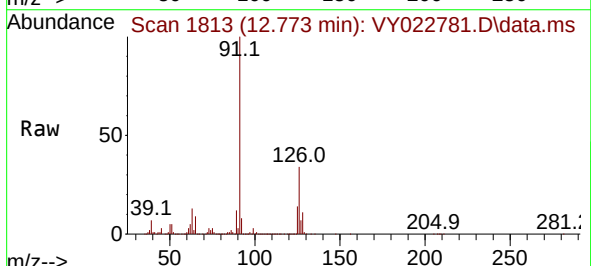
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

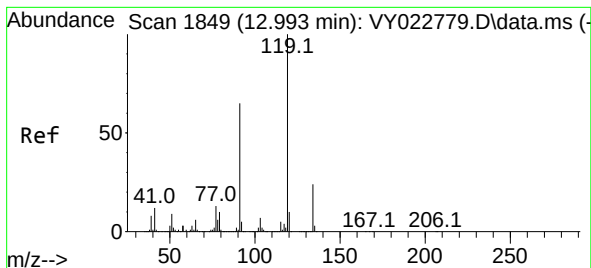
Tgt Ion: 75 Resp: 228578
Ion Ratio Lower Upper
75 100
53 90.9 79.7 119.5
89 44.7 36.8 55.2



#82
4-Chlorotoluene
Concen: 152.731 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 91 Resp: 3004256
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.7





#83

tert-Butylbenzene

Concen: 154.188 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

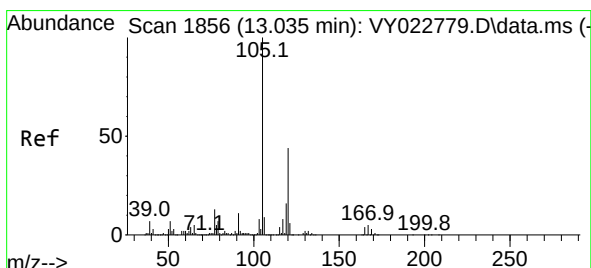
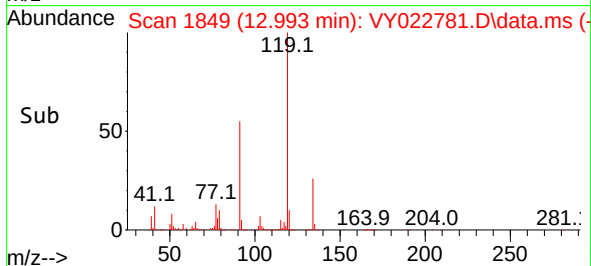
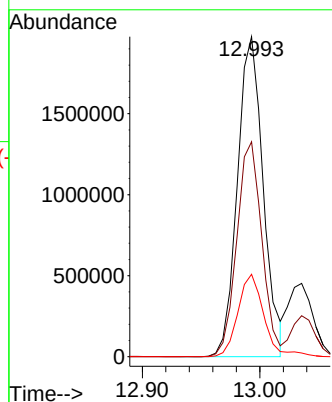
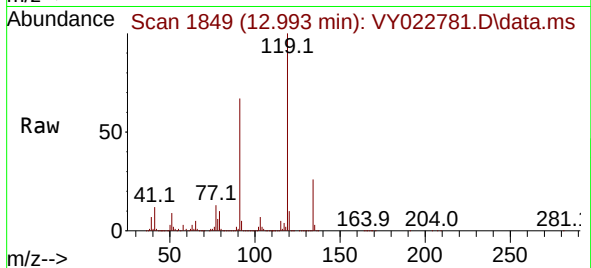
Tgt Ion:119 Resp: 3013552

Ion Ratio Lower Upper

119 100

91 65.3 32.6 98.0

134 26.0 12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 155.516 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VY022781.D

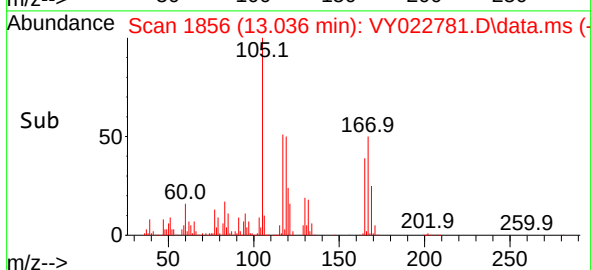
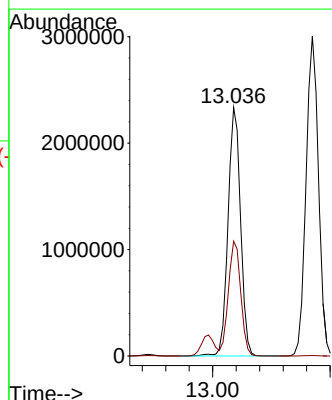
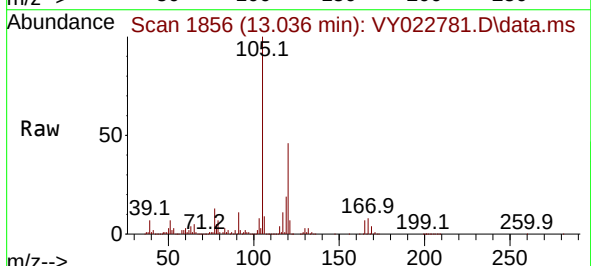
Acq: 23 Jun 2025 15:31

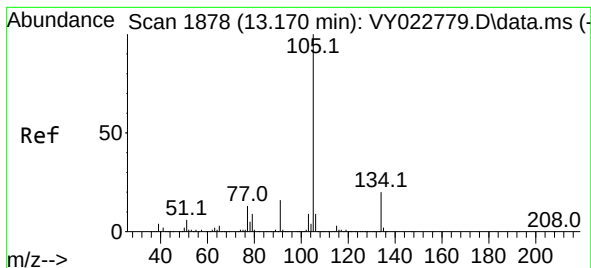
Tgt Ion:105 Resp: 3450572

Ion Ratio Lower Upper

105 100

120 45.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 149.333 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

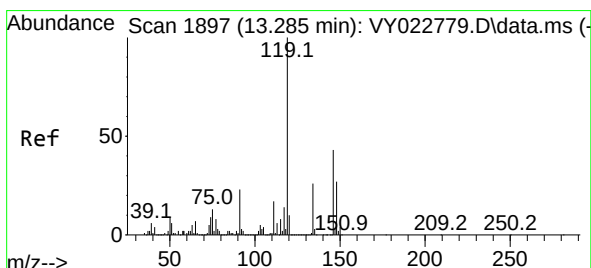
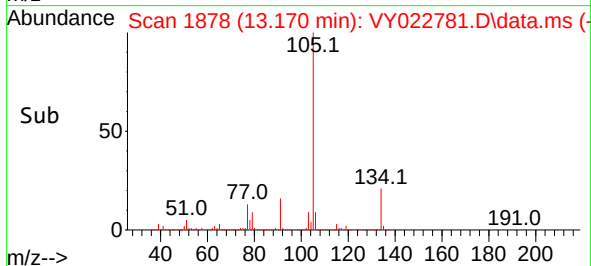
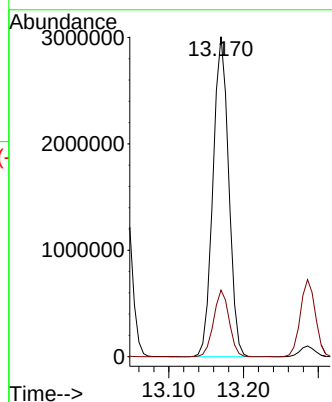
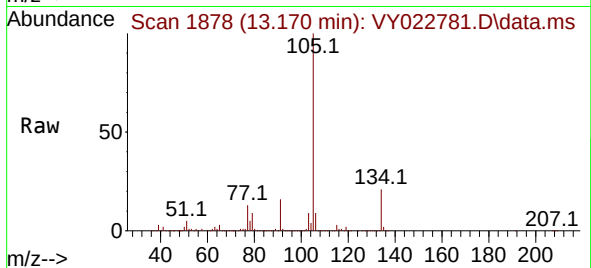
VSTDIC150

Tgt Ion:105 Resp: 4391401

Ion Ratio Lower Upper

105 100

134 20.5 9.9 29.7



#86

p-Isopropyltoluene

Concen: 155.399 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

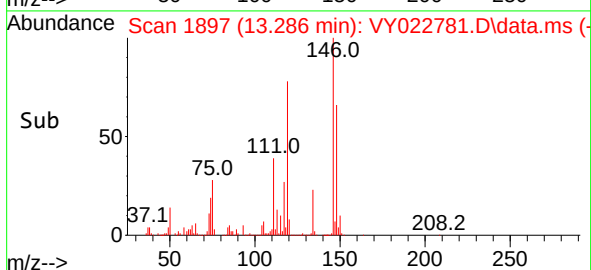
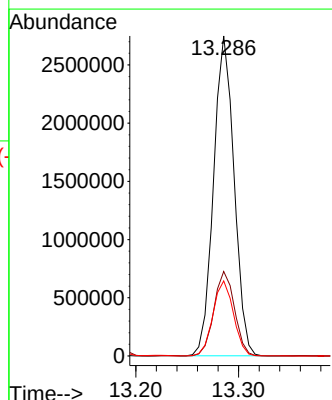
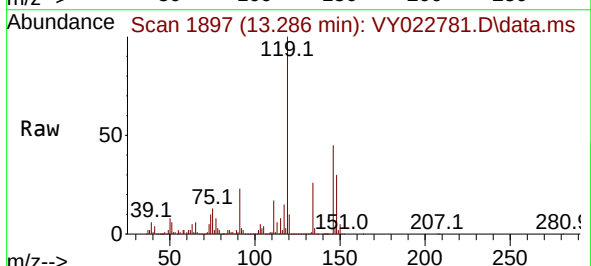
Tgt Ion:119 Resp: 3802837

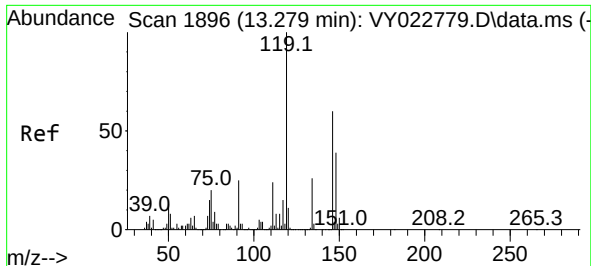
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 23.4 11.6 34.8

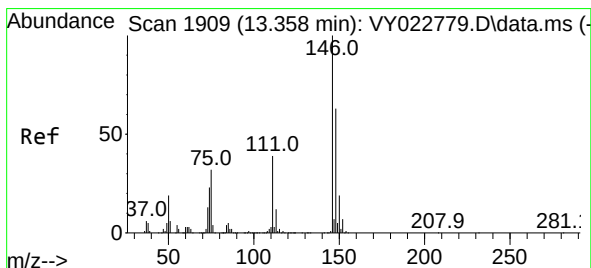
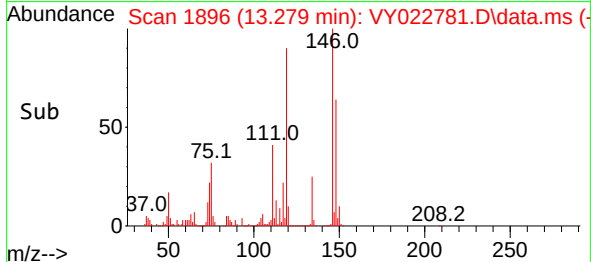
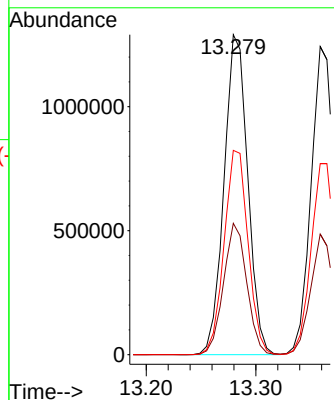
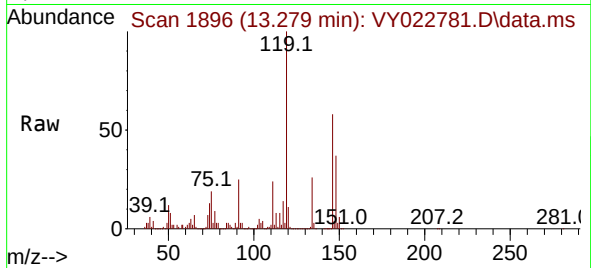




#87
 1,3-Dichlorobenzene
 Concen: 155.399 ug/l
 RT: 13.279 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY022781.D
 Acq: 23 Jun 2025 15:31

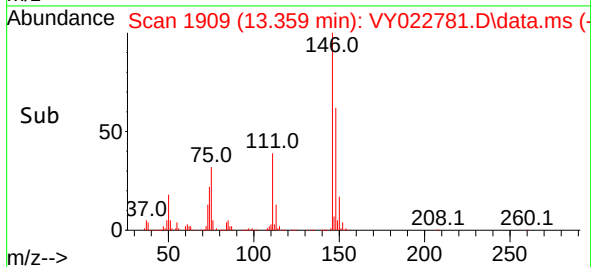
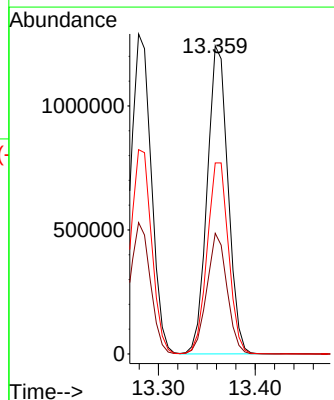
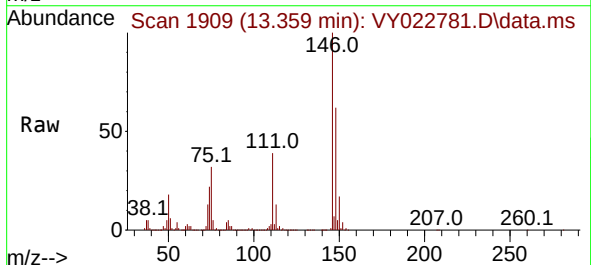
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

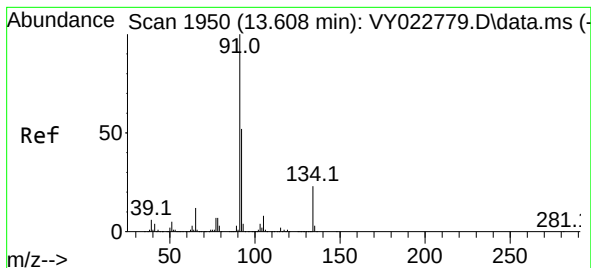
Tgt Ion:146 Resp: 1942052
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.8 59.4
 148 64.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 149.433 ug/l
 RT: 13.359 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: VY022781.D
 Acq: 23 Jun 2025 15:31

Tgt Ion:146 Resp: 1855055
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.3 57.9
 148 63.8 31.7 95.1





#89

n-Butylbenzene

Concen: 150.307 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

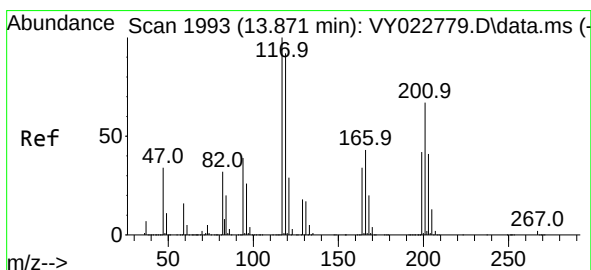
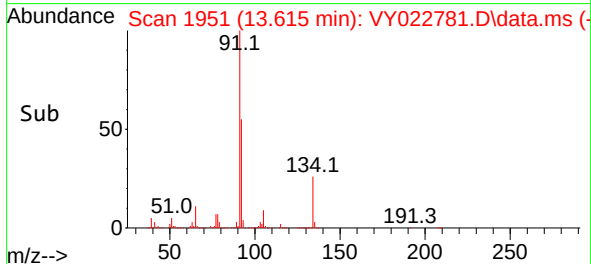
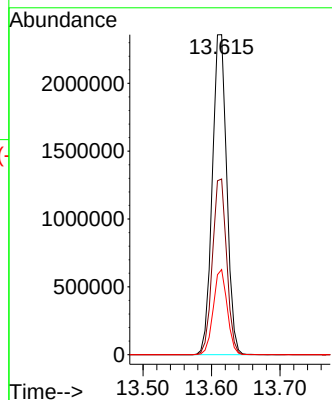
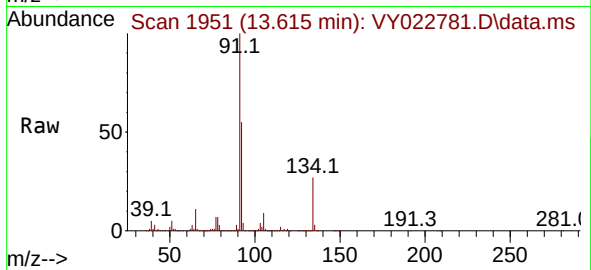
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 3459894

Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.4	79.0
134	25.6	12.2	36.6



#90

Hexachloroethane

Concen: 150.586 ug/l

RT: 13.871 min Scan# 1993

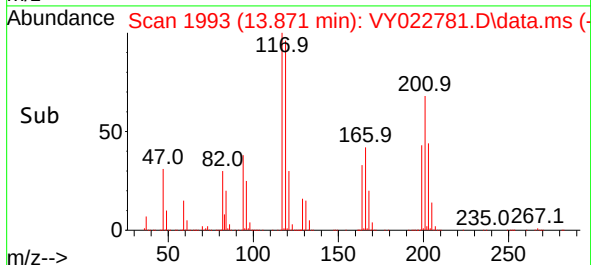
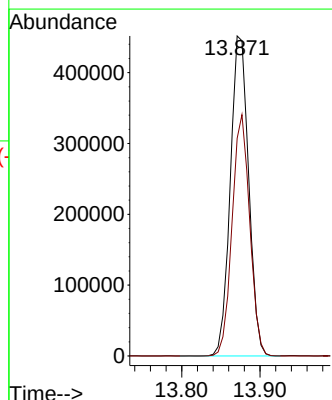
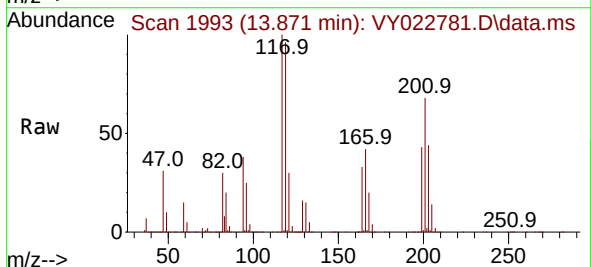
Delta R.T. 0.000 min

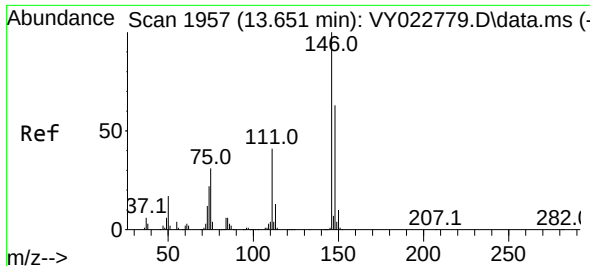
Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Tgt Ion: 117 Resp: 733958

Ion	Ratio	Lower	Upper
117	100		
201	72.4	35.5	106.7

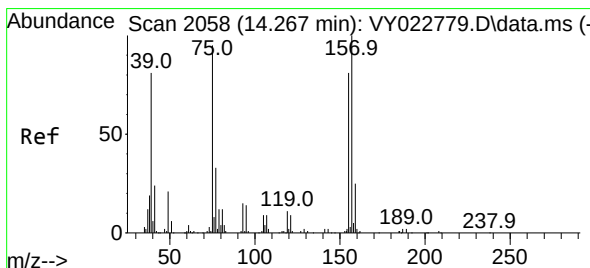
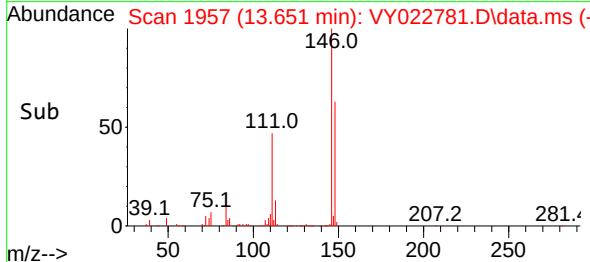
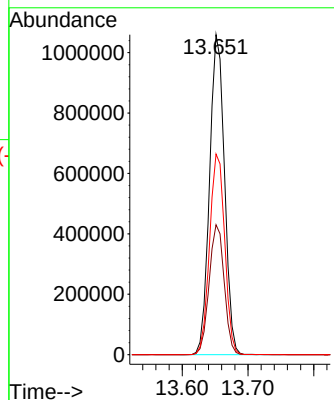
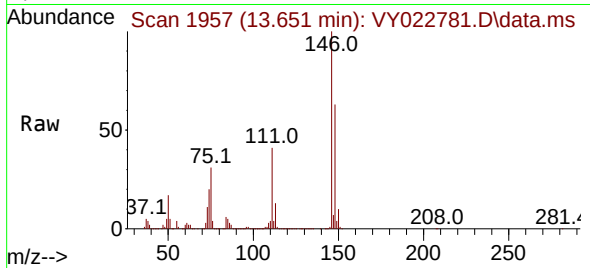




#91
1,2-Dichlorobenzene
Concen: 151.871 ug/l
RT: 13.651 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

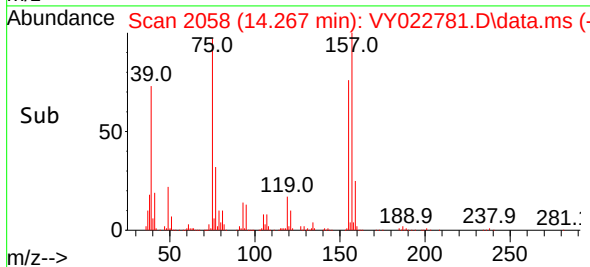
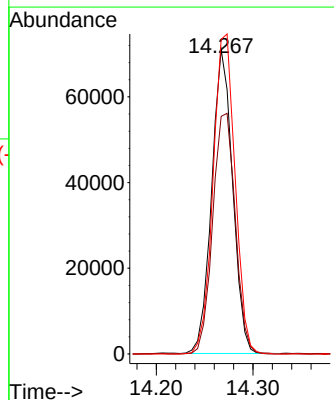
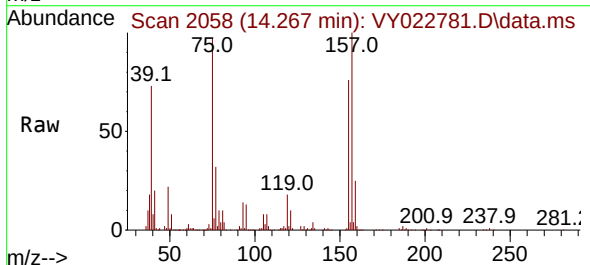
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

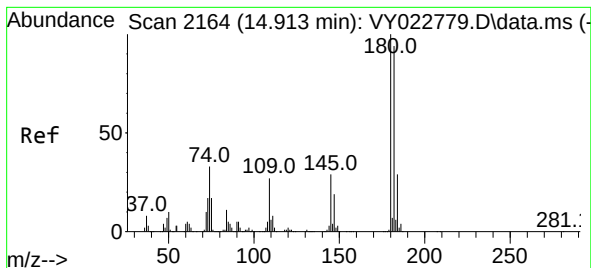
Tgt Ion:146 Resp: 1672579
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.6
148 63.7 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 142.222 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY022781.D
Acq: 23 Jun 2025 15:31

Tgt Ion: 75 Resp: 106711
Ion Ratio Lower Upper
75 100
155 85.0 41.6 124.9
157 110.5 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 151.380 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

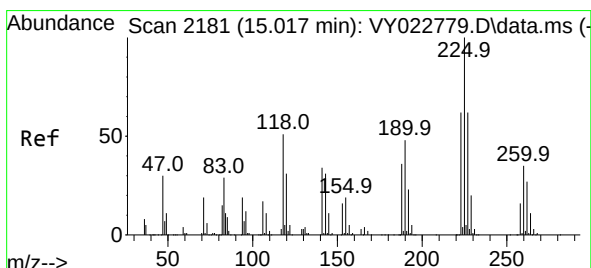
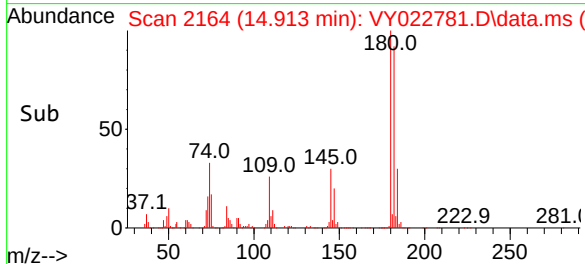
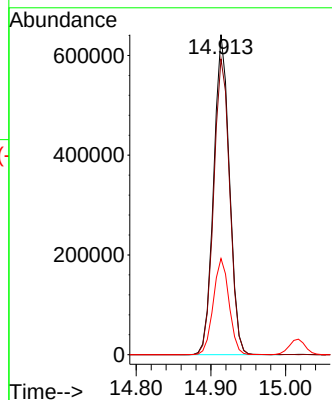
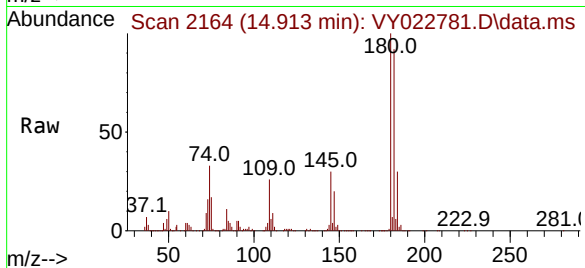
Tgt Ion:180 Resp: 941295

Ion Ratio Lower Upper

180 100

182 94.3 47.8 143.4

145 30.1 15.0 45.0



#94

Hexachlorobutadiene

Concen: 134.238 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

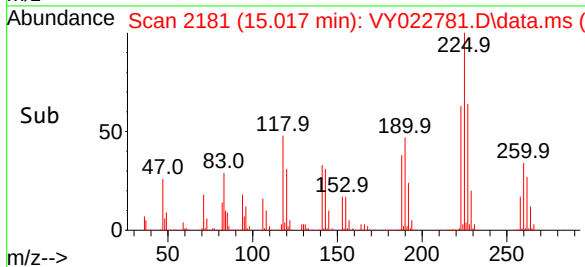
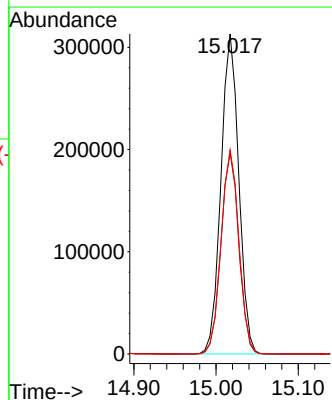
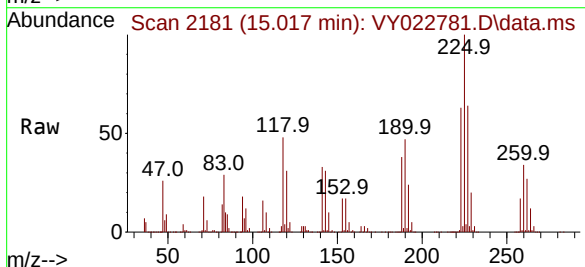
Tgt Ion:225 Resp: 472010

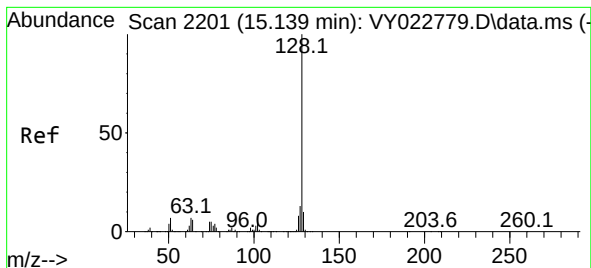
Ion Ratio Lower Upper

225 100

223 62.7 30.9 92.5

227 64.0 31.6 94.8





#95

Naphthalene

Concen: 163.884 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

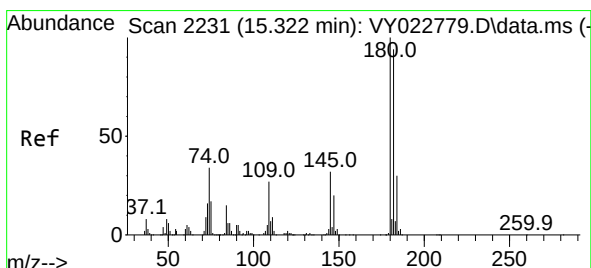
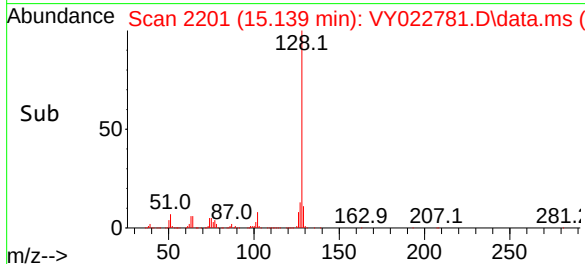
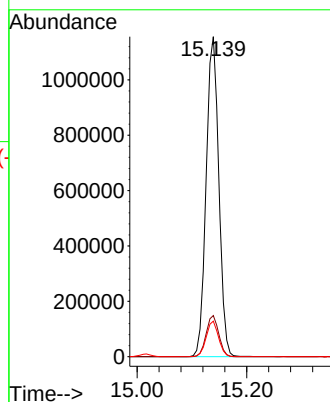
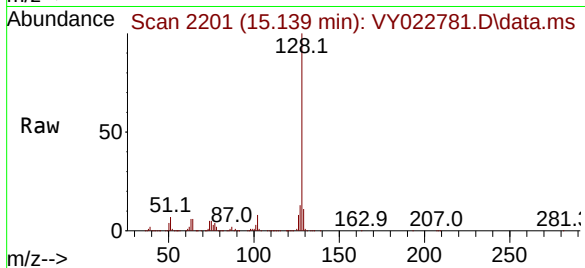
Tgt Ion:128 Resp: 1842806

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 150.588 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY022781.D

Acq: 23 Jun 2025 15:31

Tgt Ion:180 Resp: 809138

Ion Ratio Lower Upper

180 100

182 95.2 46.7 140.1

145 31.7 15.8 47.4

