

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
 Data File : VY022494.D
 Acq On : 02 Jun 2025 12:54
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 03 02:55:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 02:50:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	209963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	350947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	298187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	139554	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	124098	54.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.640%	
35) Dibromofluoromethane	7.640	113	112624	54.514	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.020%	
50) Toluene-d8	10.109	98	448690	53.734	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.460%	
62) 4-Bromofluorobenzene	12.408	95	130393	51.503	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.000%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	86654	47.230	ug/l	100
3) Chloromethane	2.068	50	258324	47.727	ug/l	100
4) Vinyl Chloride	2.202	62	314332	49.618	ug/l	100
5) Bromomethane	2.598	94	260442	43.463	ug/l	100
6) Chloroethane	2.739	64	202595	46.711	ug/l	100
7) Trichlorofluoromethane	3.056	101	257006	47.749	ug/l	100
8) Diethyl Ether	3.464	74	61045	51.349	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	112910	50.009	ug/l	100
10) Methyl Iodide	4.007	142	135237	55.855	ug/l	100
11) Tert butyl alcohol	4.885	59	41304	253.096	ug/l	100
12) 1,1-Dichloroethene	3.800	96	108756	50.463	ug/l	100
13) Acrolein	3.659	56	50388	252.946	ug/l	100
14) Allyl chloride	4.391	41	169258	50.399	ug/l	100
15) Acrylonitrile	5.068	53	132018	261.075	ug/l	100
16) Acetone	3.879	43	121507	269.036	ug/l	100
17) Carbon Disulfide	4.110	76	349342	50.769	ug/l	100
18) Methyl Acetate	4.397	43	69815	51.384	ug/l	100
19) Methyl tert-butyl Ether	5.129	73	308578	51.316	ug/l	100
20) Methylene Chloride	4.623	84	120562	47.810	ug/l	100
21) trans-1,2-Dichloroethene	5.122	96	119917	49.807	ug/l	100
22) Diisopropyl ether	6.025	45	381760	51.120	ug/l	100
23) Vinyl Acetate	5.970	43	1137415	256.734	ug/l	100
24) 1,1-Dichloroethane	5.921	63	222533	50.410	ug/l	100
25) 2-Butanone	6.903	43	176185	264.461	ug/l	100
26) 2,2-Dichloropropane	6.890	77	198763	50.650	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	143210	51.463	ug/l	100
28) Bromochloromethane	7.250	49	95397	50.015	ug/l	100
29) Tetrahydrofuran	7.268	42	109698	255.247	ug/l	100
30) Chloroform	7.427	83	222226	50.944	ug/l	100
31) Cyclohexane	7.707	56	213031	47.951	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	199103	51.074	ug/l	100
36) 1,1-Dichloropropene	7.841	75	170708	51.116	ug/l	100
37) Ethyl Acetate	6.994	43	80426	54.721	ug/l	100
38) Carbon Tetrachloride	7.823	117	178292	51.787	ug/l	100
39) Methylcyclohexane	9.116	83	230536	51.100	ug/l	100
40) Benzene	8.085	78	505749	51.376	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	43865	46.342	ug/l	100
42) 1,2-Dichloroethane	8.165	62	136876	51.114	ug/l	100
43) Isopropyl Acetate	8.201	43	167771	52.237	ug/l	100
44) Trichloroethene	8.866	130	124670	51.843	ug/l	100
45) 1,2-Dichloropropane	9.146	63	120660	51.415	ug/l	100
46) Dibromomethane	9.231	93	67690	51.485	ug/l	100
47) Bromodichloromethane	9.427	83	172341	51.664	ug/l	100
48) Methyl methacrylate	9.225	41	77885	52.963	ug/l	100
49) 1,4-Dioxane	9.244	88	15334	977.637	ug/l	100
51) 4-Methyl-2-Pentanone	10.000	43	425868	267.154	ug/l	100
52) Toluene	10.176	92	316972	51.213	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	161859	52.450	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	188559	52.108	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	84788	51.209	ug/l	100
56) Ethyl methacrylate	10.445	69	127271	52.930	ug/l	100
57) 1,3-Dichloropropane	10.719	76	152809	51.821	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	279669	260.896	ug/l	100
59) 2-Hexanone	10.762	43	283601	266.885	ug/l	100
60) Dibromochloromethane	10.914	129	110314	52.582	ug/l	100
61) 1,2-Dibromoethane	11.018	107	78151	51.150	ug/l	100
64) Tetrachloroethene	10.652	164	130171	51.367	ug/l	100
65) Chlorobenzene	11.444	112	332645	51.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	112934	51.526	ug/l	100
67) Ethyl Benzene	11.518	91	621031	51.577	ug/l	100
68) m/p-Xylenes	11.633	106	468441	102.795	ug/l	100
69) o-Xylene	11.957	106	218760	51.293	ug/l	100
70) Styrene	11.969	104	367553	52.052	ug/l	100
71) Bromoform	12.133	173	59888	51.996	ug/l #	100
73) Isopropylbenzene	12.255	105	577133	51.329	ug/l	100
74) N-amyl acetate	12.072	43	149637	52.627	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	95218	52.145	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	132344	71.836	ug/l #	100
77) Bromobenzene	12.536	156	121092	50.812	ug/l	100
78) n-propylbenzene	12.597	91	707143	51.667	ug/l	100
79) 2-Chlorotoluene	12.682	91	373402	51.670	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	455006	51.754	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	32630	50.780	ug/l	100
82) 4-Chlorotoluene	12.780	91	387296	51.710	ug/l	100
83) tert-Butylbenzene	12.999	119	404519	50.438	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	449372	51.088	ug/l	100
85) sec-Butylbenzene	13.176	105	623185	51.250	ug/l	100
86) p-Isopropyltoluene	13.292	119	510026	51.018	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	241816	50.717	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	237429	51.108	ug/l	100
89) n-Butylbenzene	13.621	91	493153	51.811	ug/l	100
90) Hexachloroethane	13.883	117	99901	51.068	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	211065	51.528	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14697	53.244	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	114007	50.919	ug/l	100
94) Hexachlorobutadiene	15.023	225	62434	51.054	ug/l	100
95) Naphthalene	15.145	128	226073	52.686	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	97609	51.295	ug/l	100

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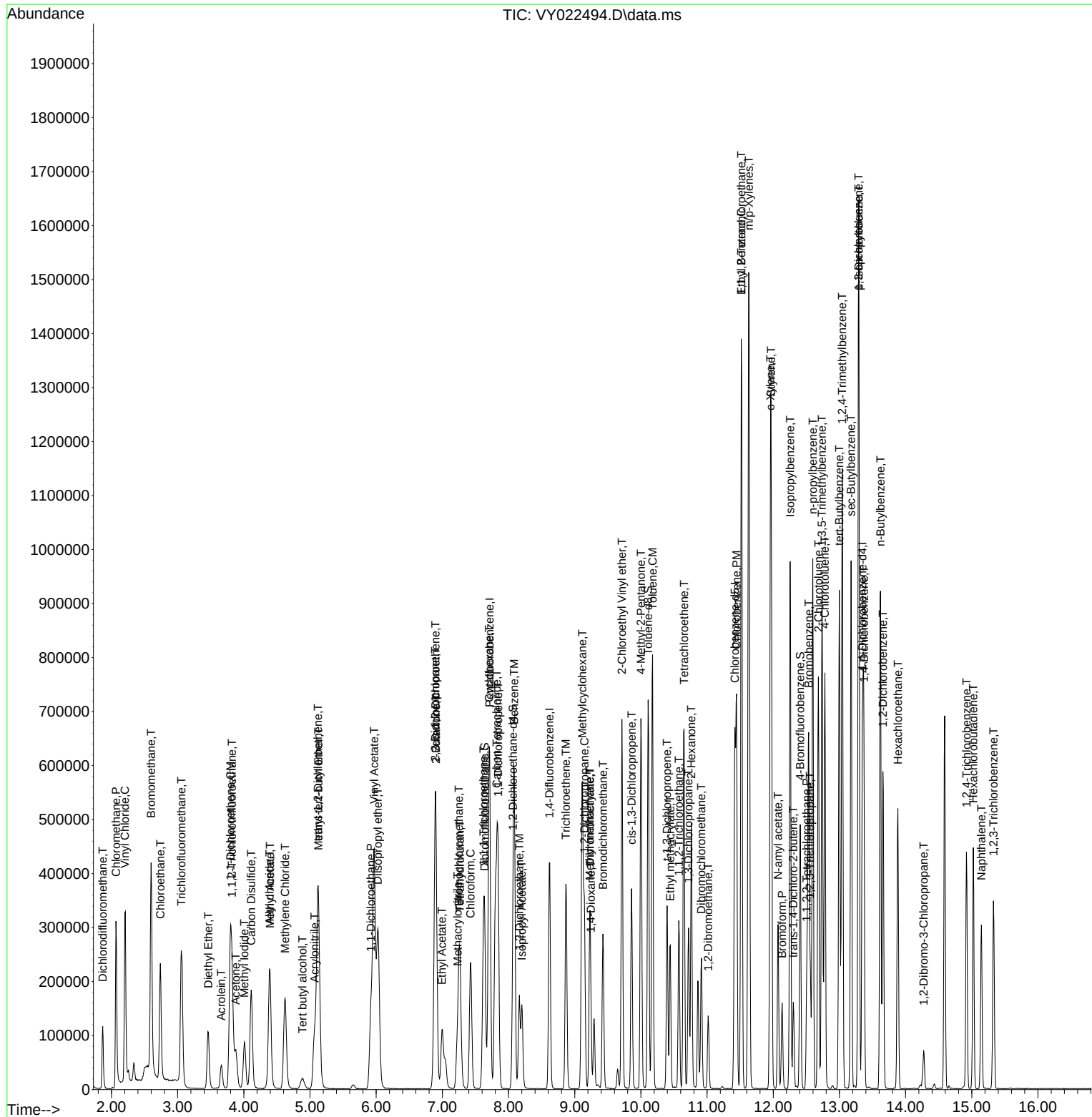
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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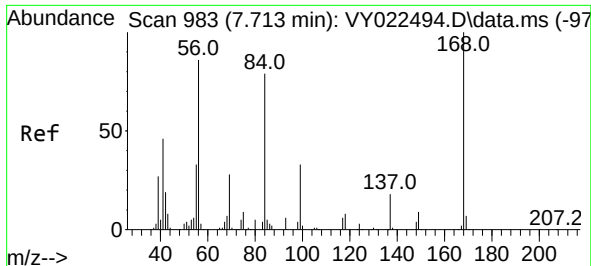
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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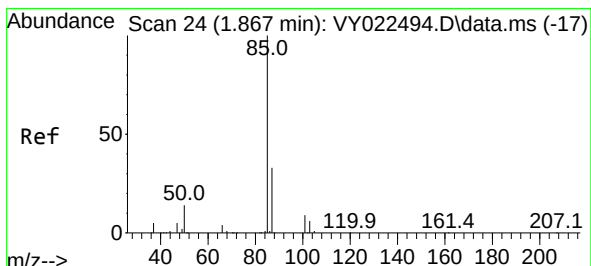
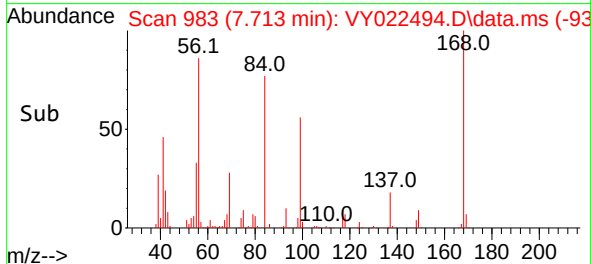
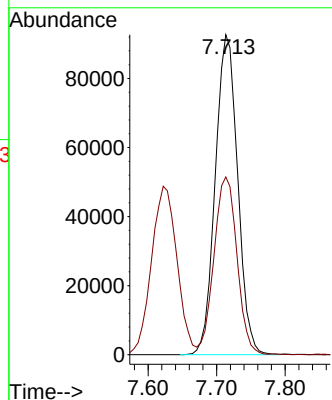
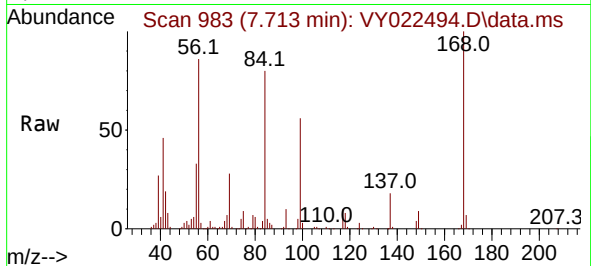




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022494.D
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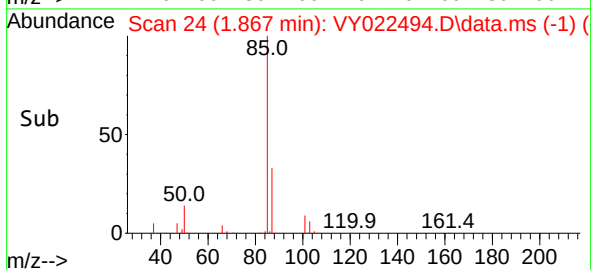
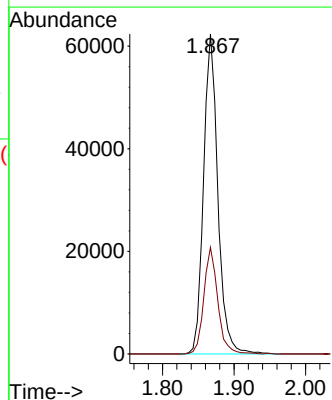
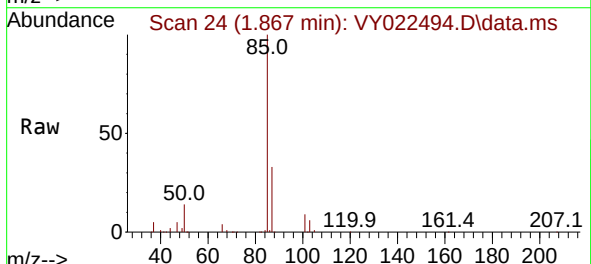
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

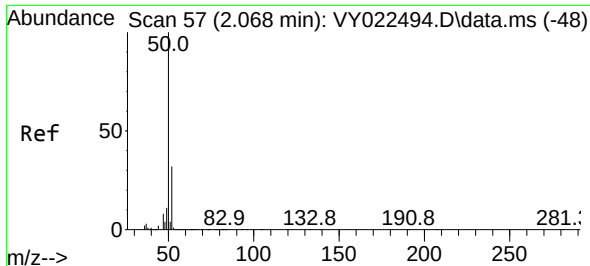
Tgt Ion:168 Resp: 209963
Ion Ratio Lower Upper
168 100
99 55.4 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 47.230 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 85 Resp: 86654
Ion Ratio Lower Upper
85 100
87 33.3 16.7 50.0

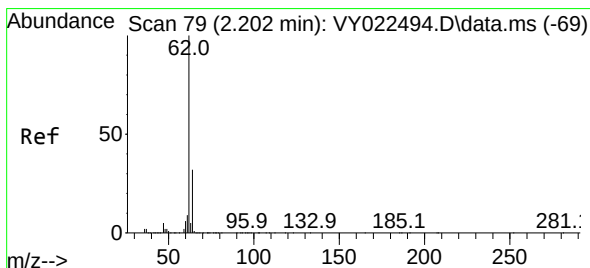
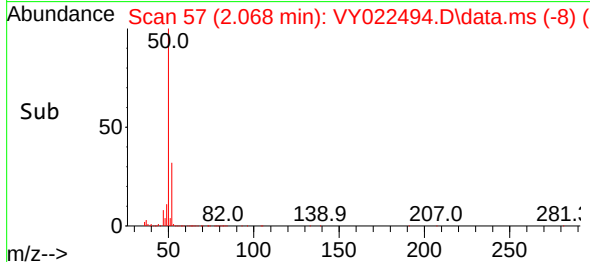
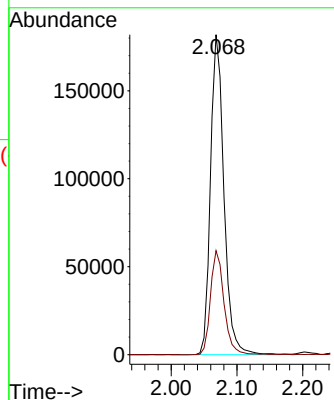
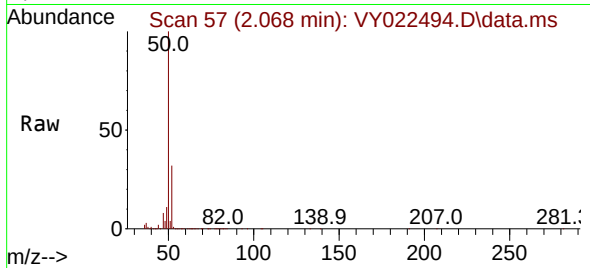




#3
Chloromethane
Concen: 47.727 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

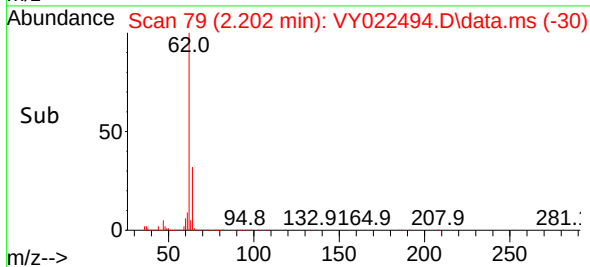
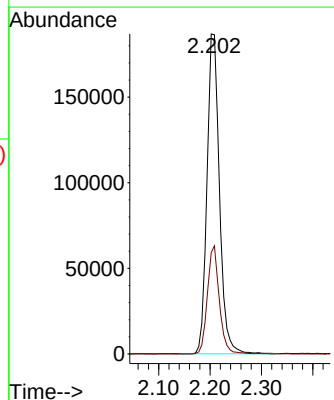
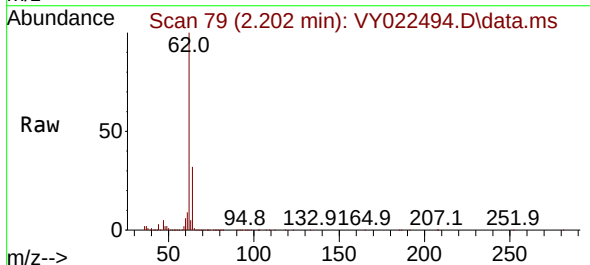
Instrument :
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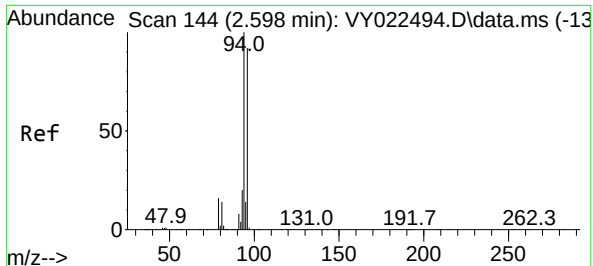
Tgt Ion: 50 Resp: 258324
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 49.618 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 62 Resp: 314332
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9

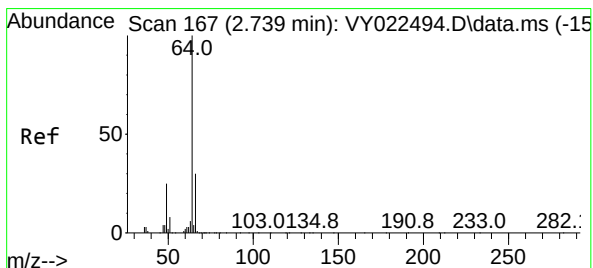
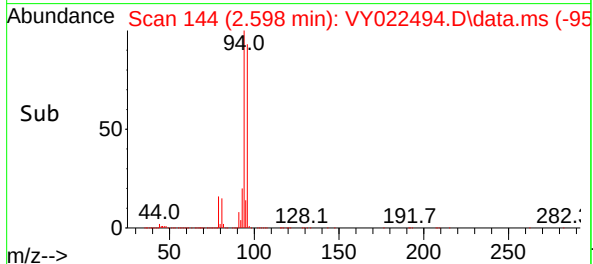
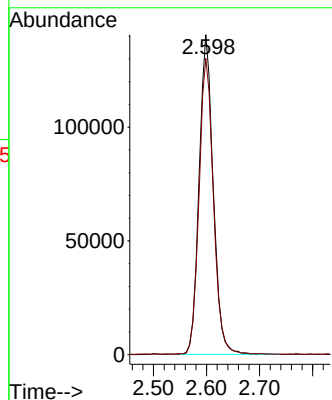
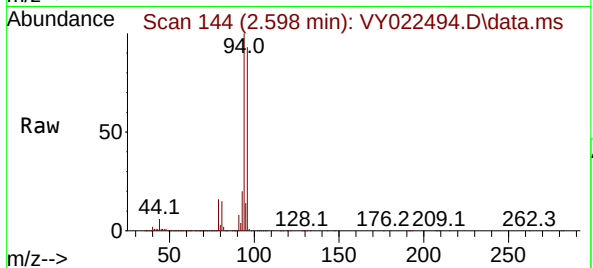




#5
Bromomethane
Concen: 43.463 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

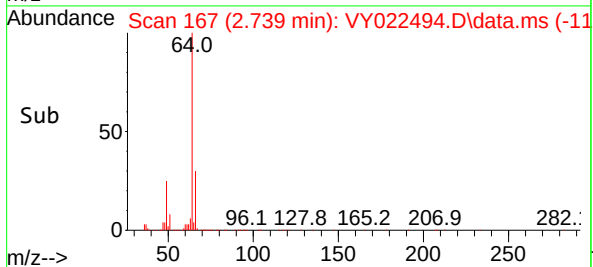
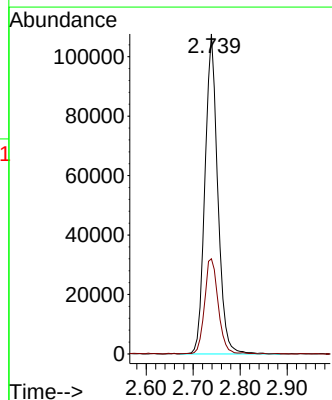
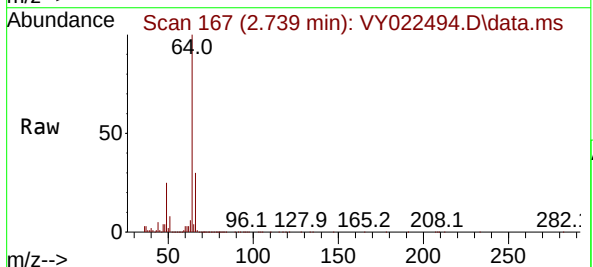
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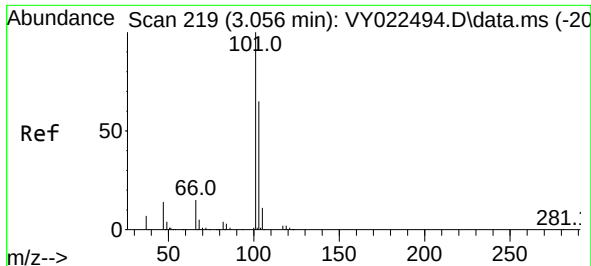
Tgt Ion: 94 Resp: 260442
Ion Ratio Lower Upper
94 100
96 92.5 74.0 111.0



#6
Chloroethane
Concen: 46.711 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 64 Resp: 202595
Ion Ratio Lower Upper
64 100
66 29.7 23.8 35.6

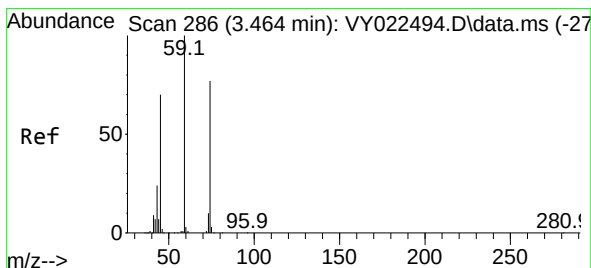
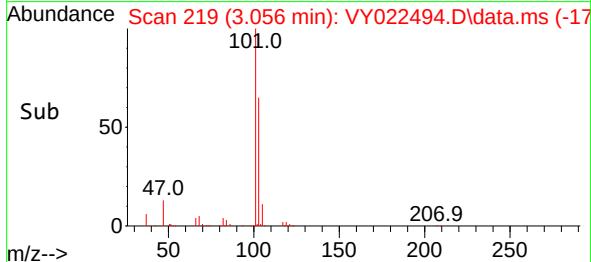
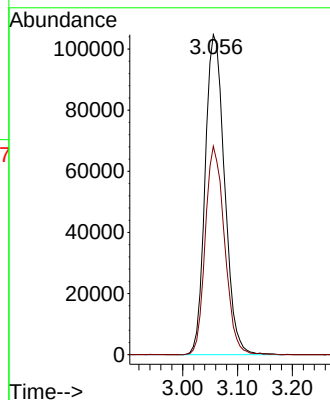
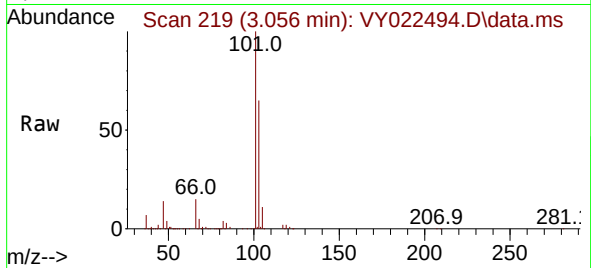




#7
 Trichlorofluoromethane
 Concen: 47.749 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY022494.D
 Acq: 02 Jun 2025 12:54

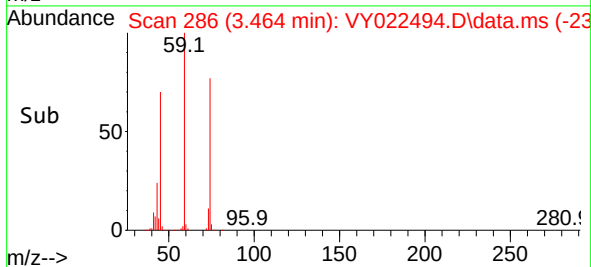
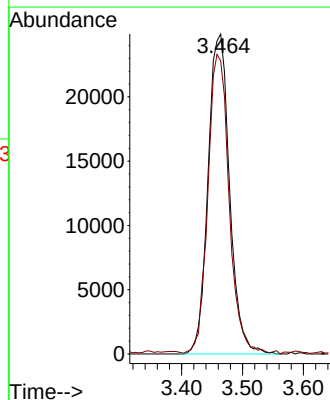
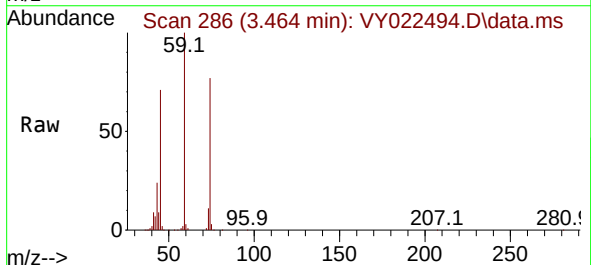
Instrument :
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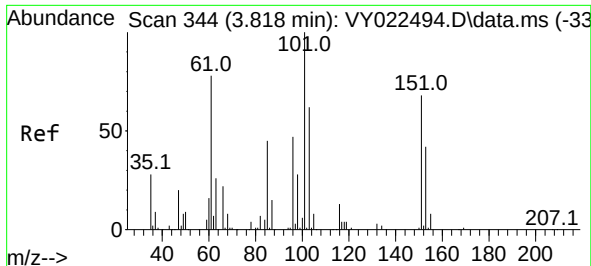
Tgt Ion:101 Resp: 257006
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.2 78.2



#8
 Diethyl Ether
 Concen: 51.349 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
 Lab File: VY022494.D
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Tgt Ion: 74 Resp: 61045
 Ion Ratio Lower Upper
 74 100
 45 91.7 45.9 137.6

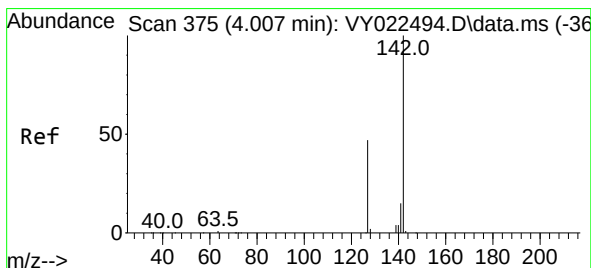
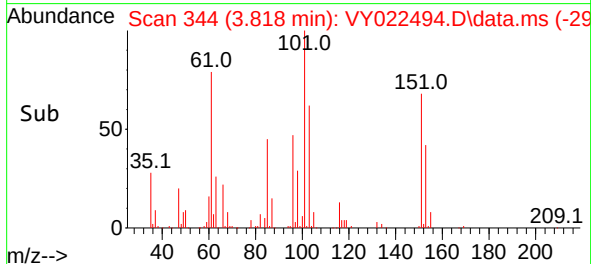
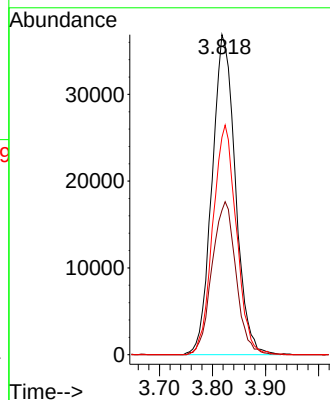
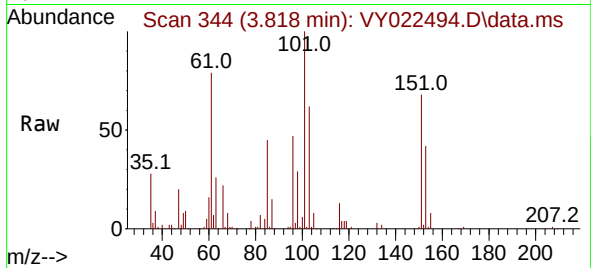




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.009 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

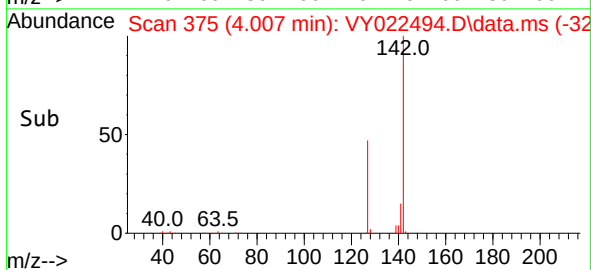
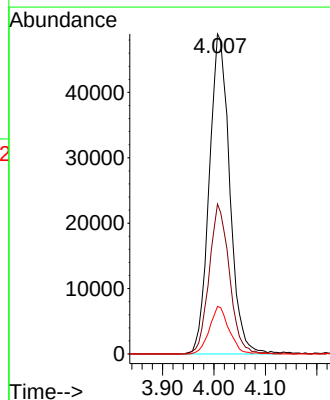
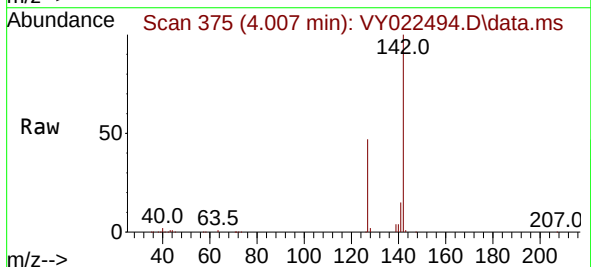
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

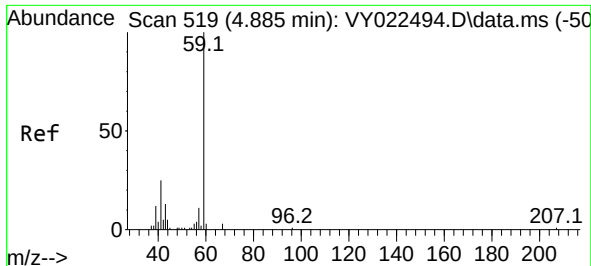
Tgt Ion:101 Resp: 112910
Ion Ratio Lower Upper
101 100
85 49.1 39.3 58.9
151 72.3 57.8 86.8



#10
Methyl Iodide
Concen: 55.855 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:142 Resp: 135237
Ion Ratio Lower Upper
142 100
127 46.4 37.1 55.7
141 14.3 11.4 17.2

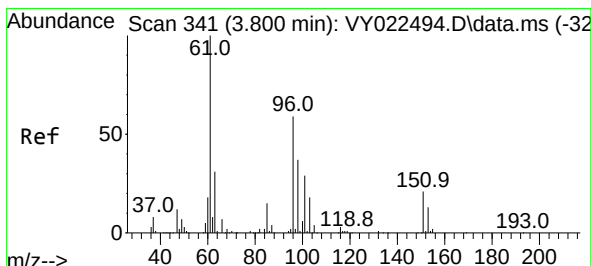
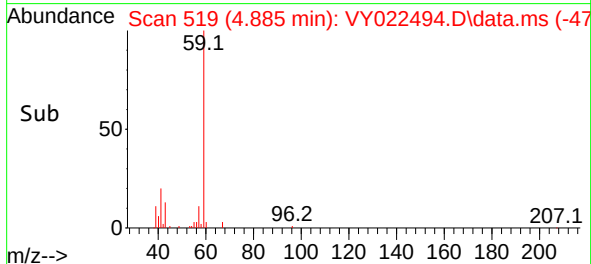
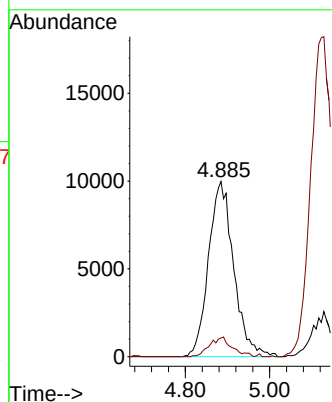
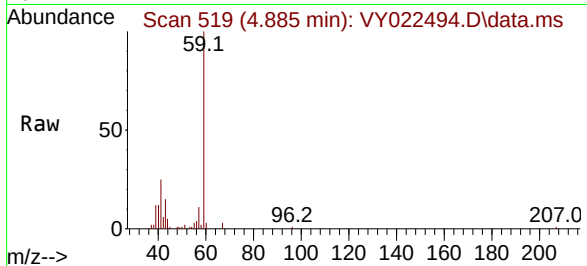




#11
Tert butyl alcohol
Concen: 253.096 ug/l
RT: 4.885 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

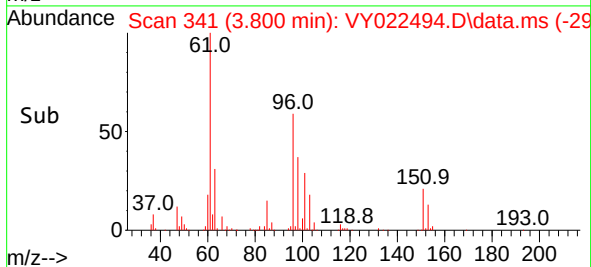
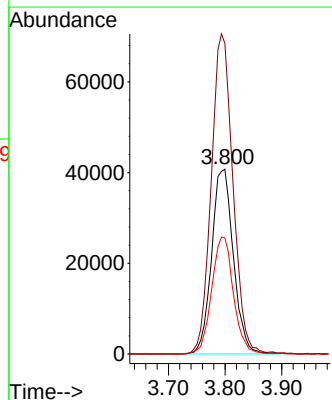
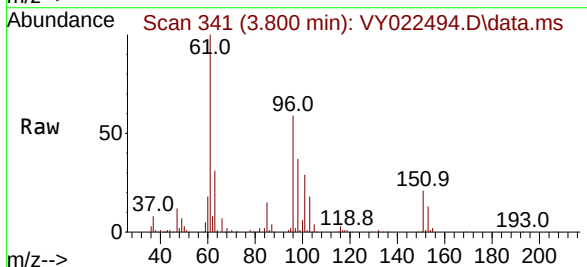
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

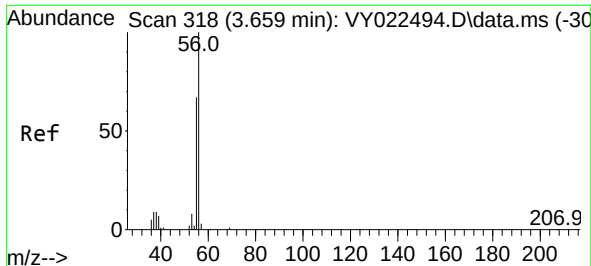
Tgt Ion: 59 Resp: 41304
Ion Ratio Lower Upper
59 100
57 10.0 8.0 12.0



#12
1,1-Dichloroethene
Concen: 50.463 ug/l
RT: 3.800 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 96 Resp: 108756
Ion Ratio Lower Upper
96 100
61 168.2 134.6 201.8
98 62.8 50.2 75.4

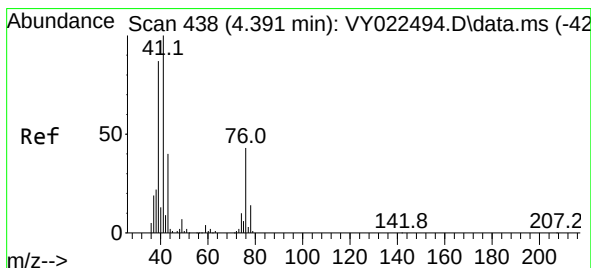
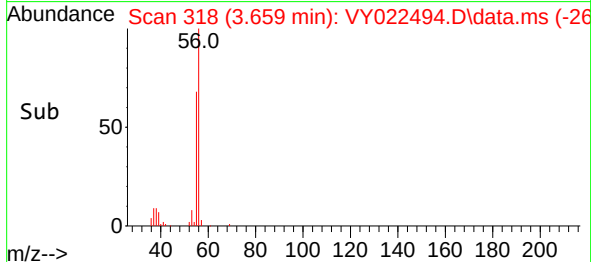
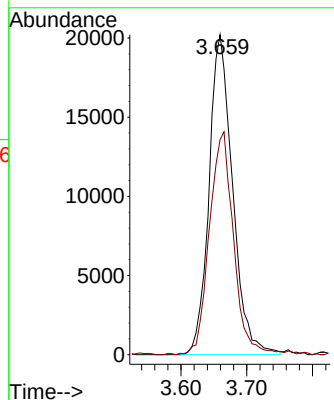
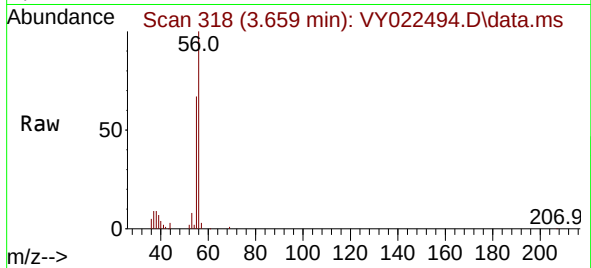




#13
Acrolein
Concen: 252.946 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

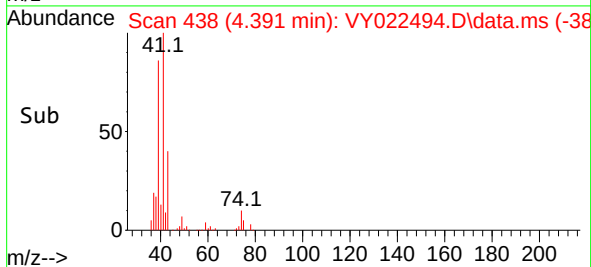
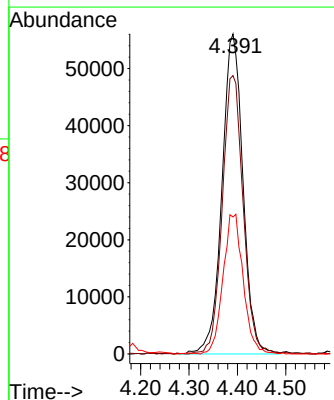
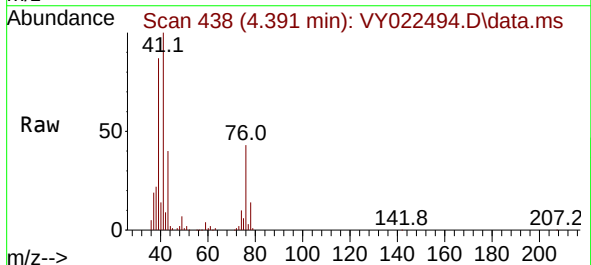
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

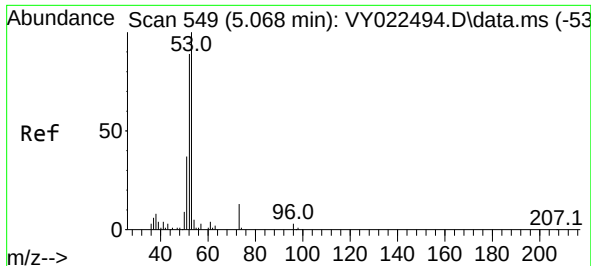
Tgt Ion: 56 Resp: 50388
Ion Ratio Lower Upper
56 100
55 71.3 57.0 85.6



#14
Allyl chloride
Concen: 50.399 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 41 Resp: 169258
Ion Ratio Lower Upper
41 100
39 86.4 69.1 103.7
76 41.9 33.5 50.3

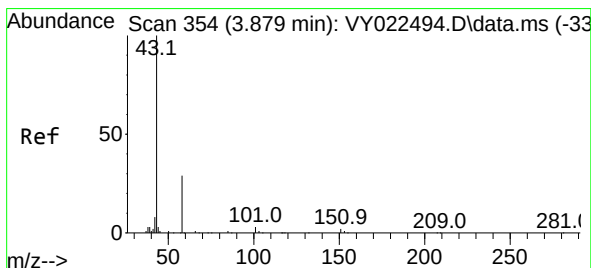
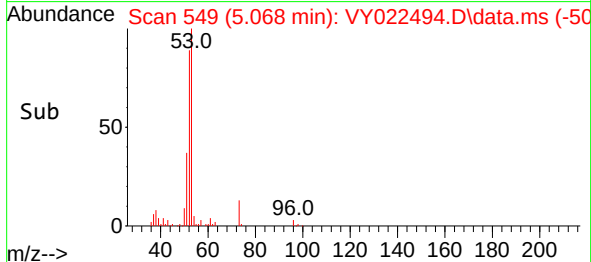
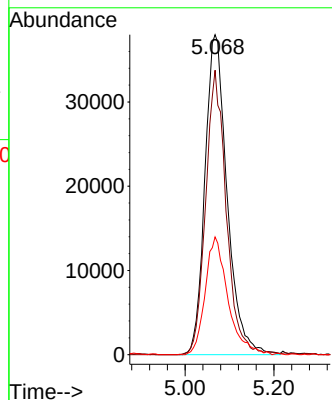
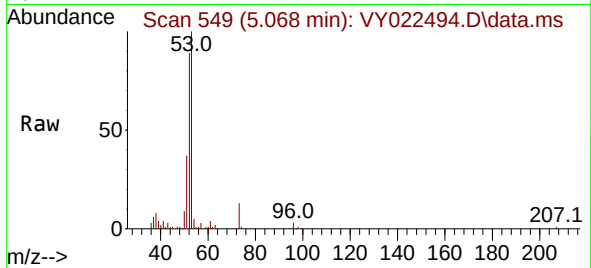




#15
Acrylonitrile
Concen: 261.075 ug/l
RT: 5.068 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

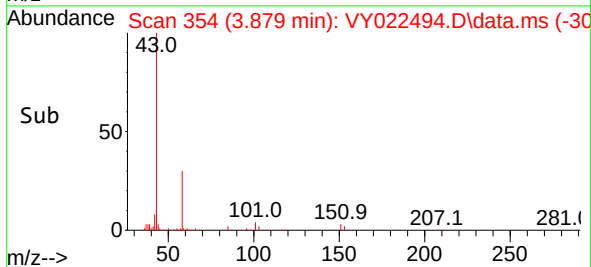
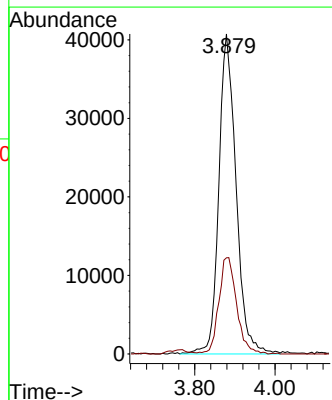
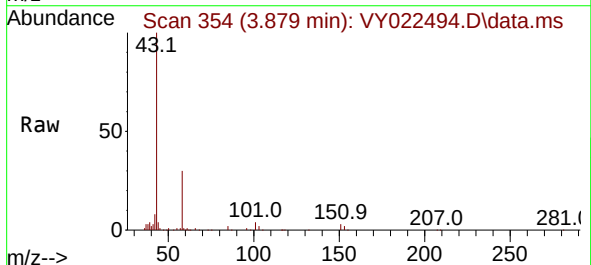
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

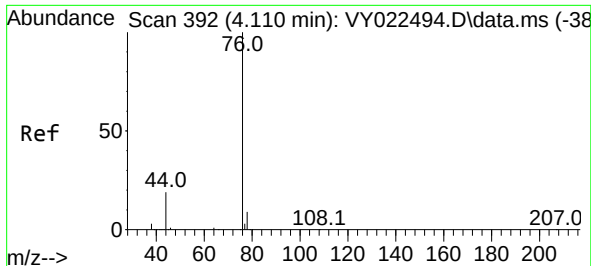
Tgt Ion: 53 Resp: 132018
Ion Ratio Lower Upper
53 100
52 82.1 65.7 98.5
51 37.6 30.1 45.1



#16
Acetone
Concen: 269.036 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 121507
Ion Ratio Lower Upper
43 100
58 30.0 24.0 36.0

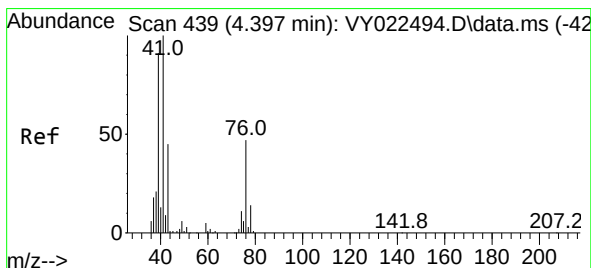
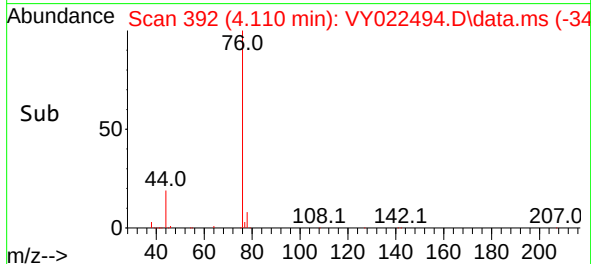
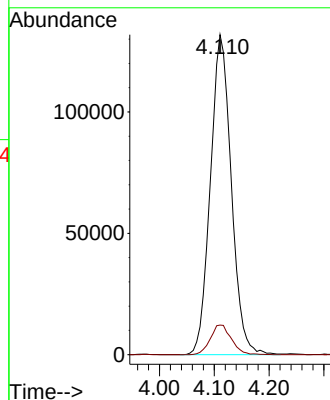
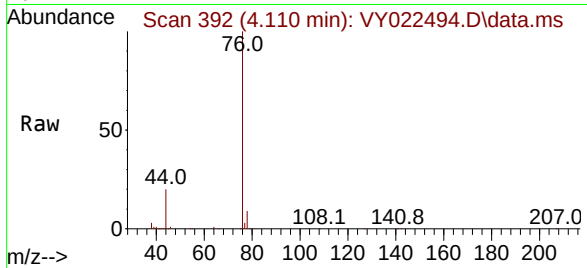




#17
Carbon Disulfide
Concen: 50.769 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

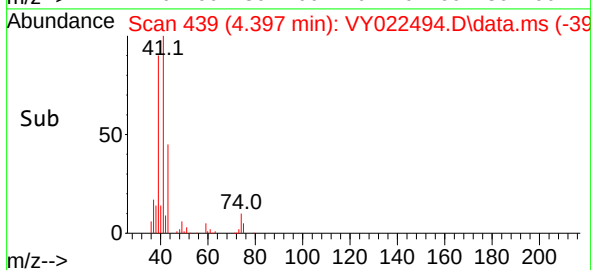
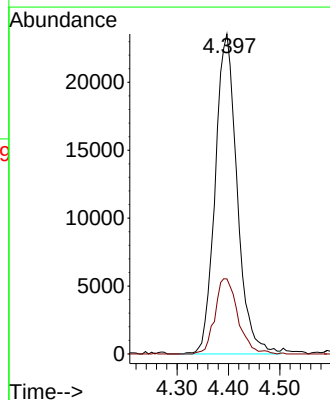
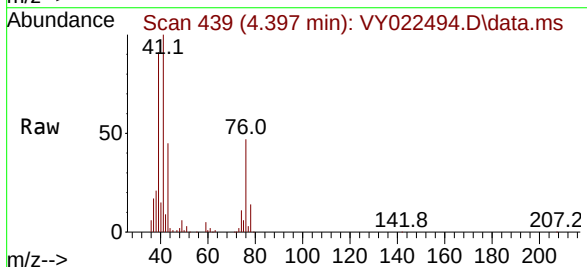
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

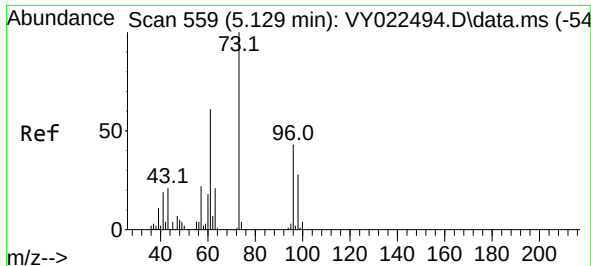
Tgt Ion: 76 Resp: 349342
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 51.384 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 69815
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 51.316 ug/l

RT: 5.129 min Scan# 559

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

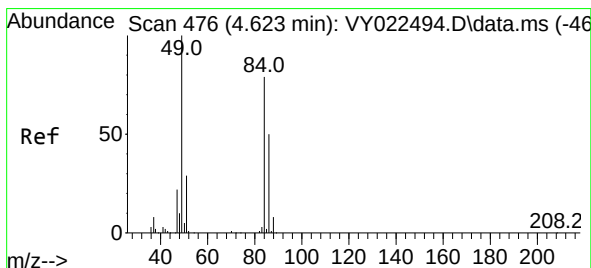
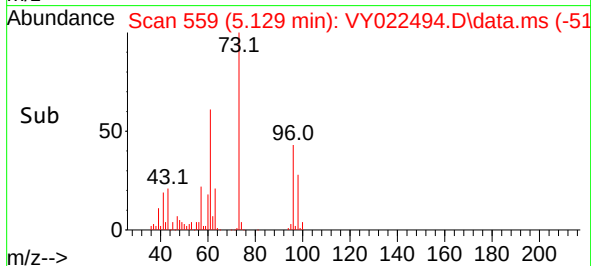
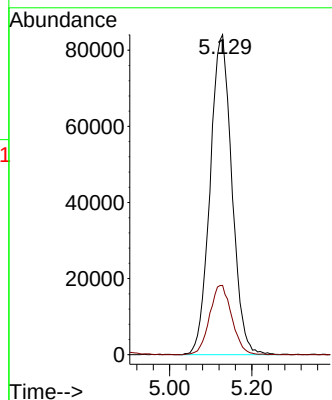
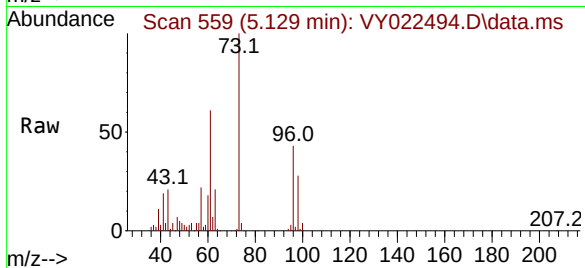
VSTDICCC050

Tgt Ion: 73 Resp: 308578

Ion Ratio Lower Upper

73 100

57 21.7 17.4 26.0



#20

Methylene Chloride

Concen: 47.810 ug/l

RT: 4.623 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Tgt Ion: 84 Resp: 120562

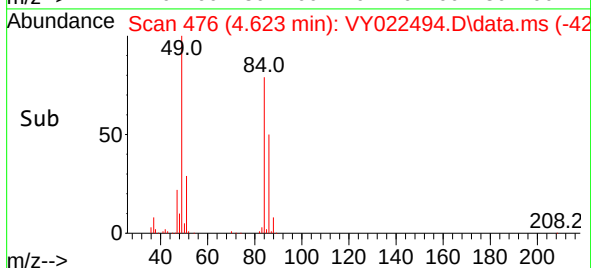
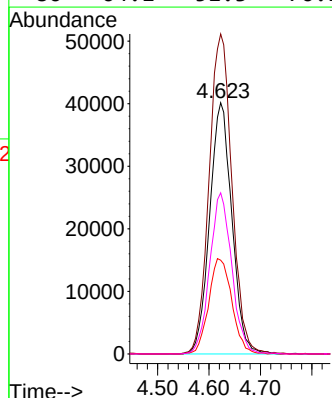
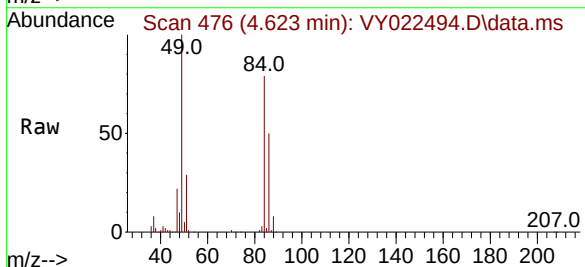
Ion Ratio Lower Upper

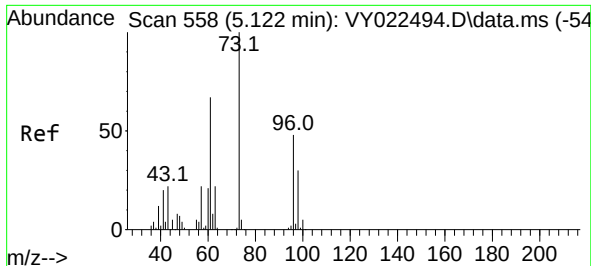
84 100

49 127.4 101.9 152.9

51 37.3 29.8 44.8

86 64.1 51.3 76.9

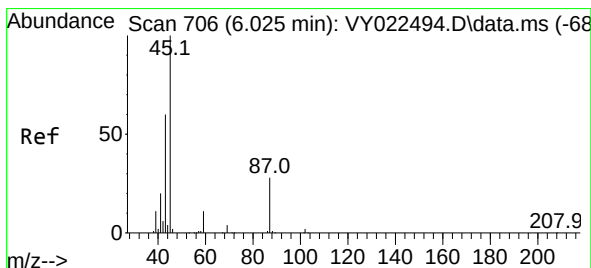
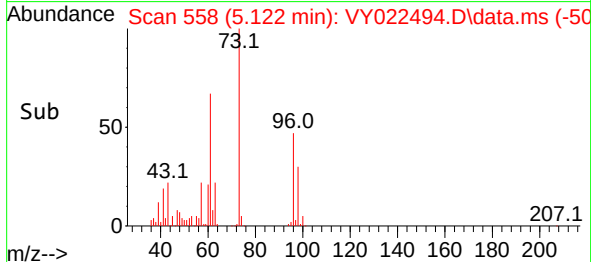
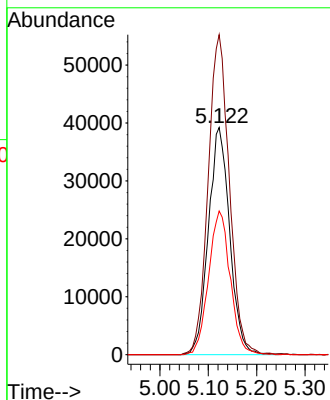
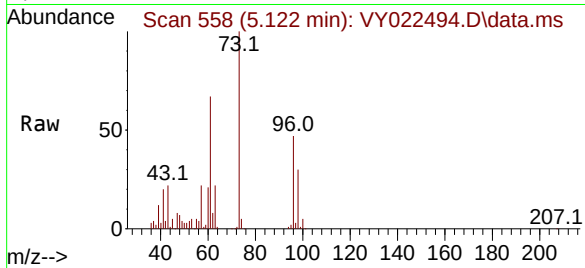




#21
trans-1,2-Dichloroethene
Concen: 49.807 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

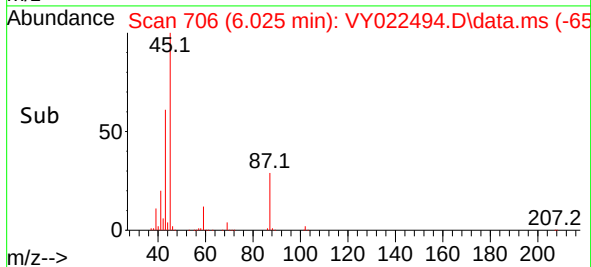
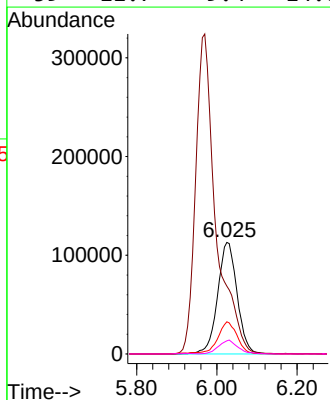
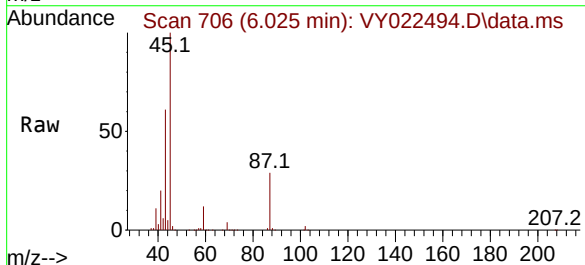
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

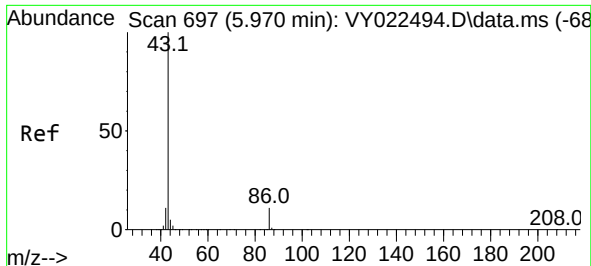
Tgt Ion: 96 Resp: 119917
Ion Ratio Lower Upper
96 100
61 140.8 112.6 169.0
98 63.2 50.6 75.8



#22
Diisopropyl ether
Concen: 51.120 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 45 Resp: 381760
Ion Ratio Lower Upper
45 100
43 60.4 48.3 72.5
87 28.8 23.0 34.6
59 11.7 9.4 14.0

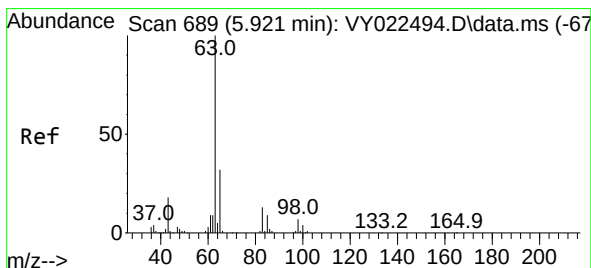
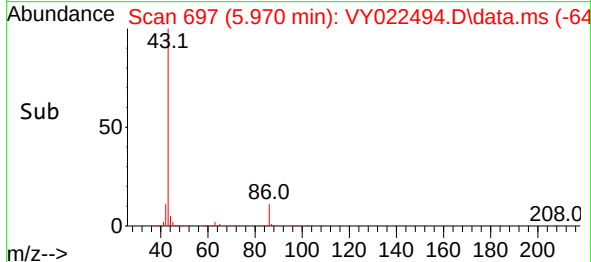
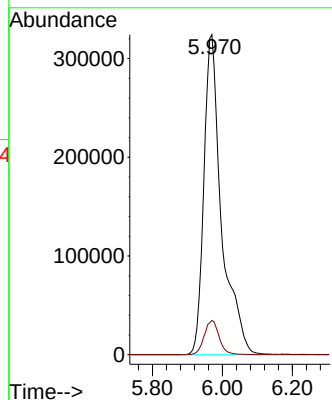
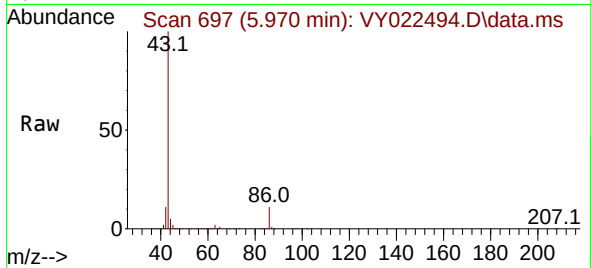




#23
 Vinyl Acetate
 Concen: 256.734 ug/l
 RT: 5.970 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY022494.D
 Acq: 02 Jun 2025 12:54

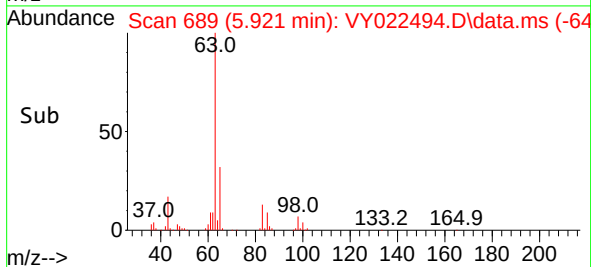
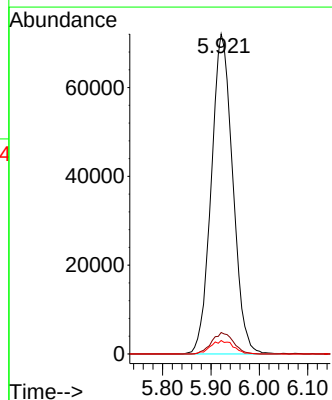
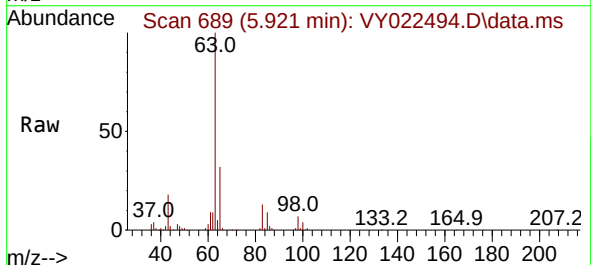
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

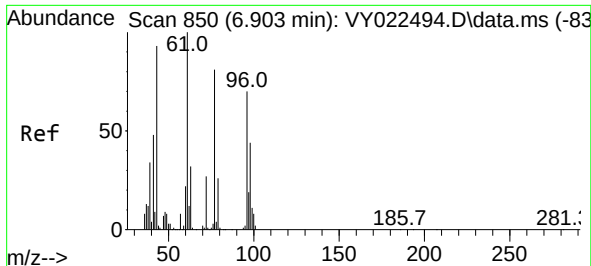
Tgt Ion: 43 Resp: 1137415
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 50.410 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY022494.D
 Acq: 02 Jun 2025 12:54

Tgt Ion: 63 Resp: 222533
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.2 2.1 6.3

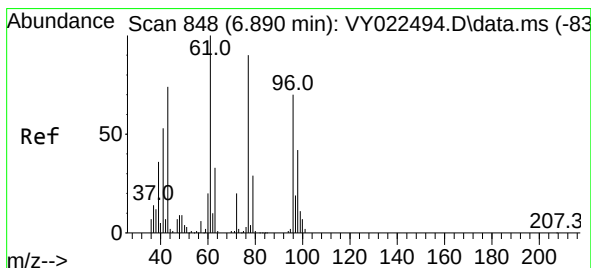
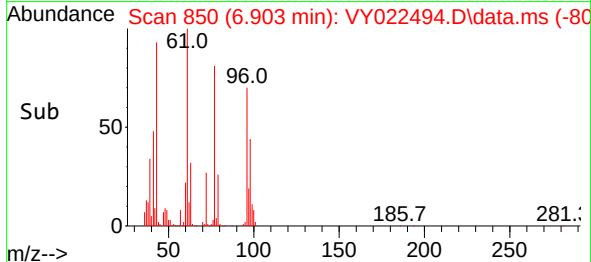
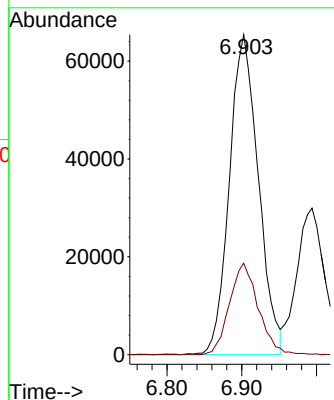
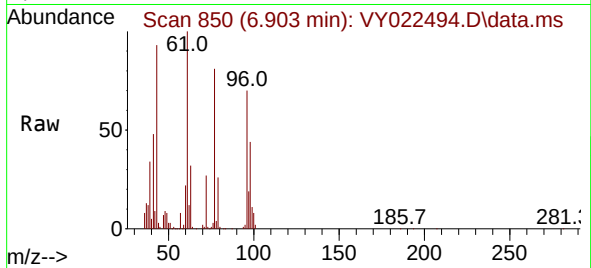




#25
2-Butanone
Concen: 264.461 ug/l
RT: 6.903 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

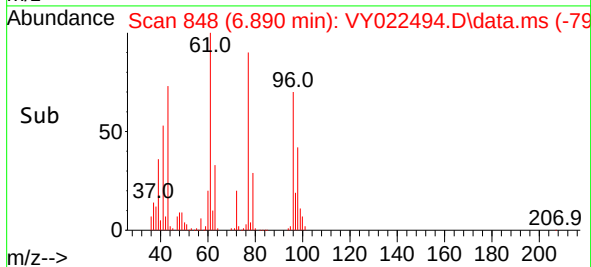
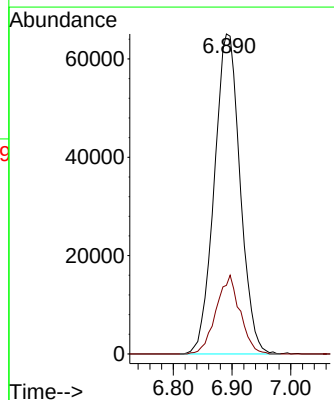
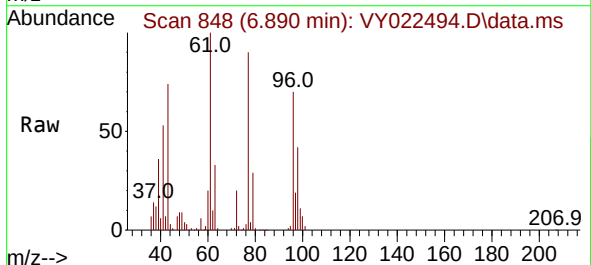
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

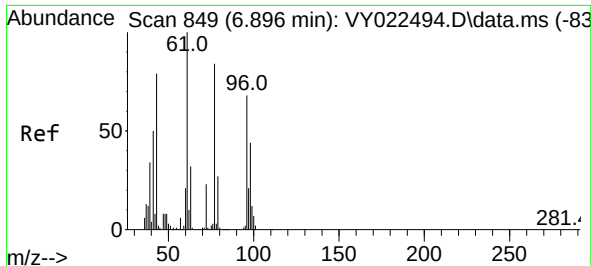
Tgt Ion: 43 Resp: 176185
Ion Ratio Lower Upper
43 100
72 28.6 22.9 34.3



#26
2,2-Dichloropropane
Concen: 50.650 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 77 Resp: 198763
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.2

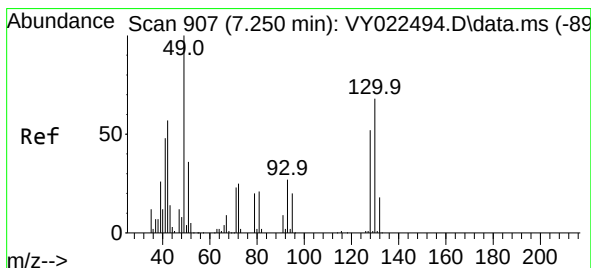
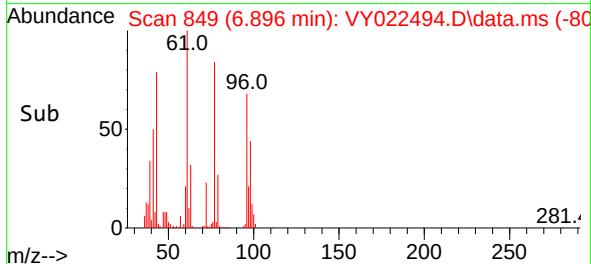
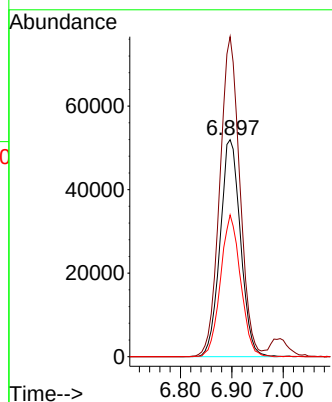
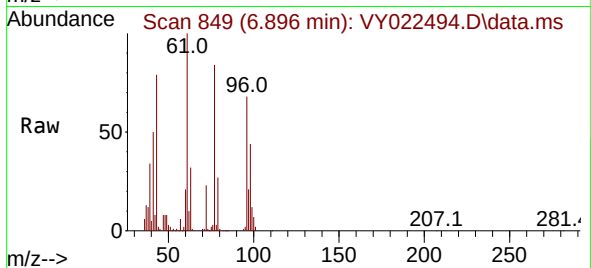




#27
cis-1,2-Dichloroethene
Concen: 51.463 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

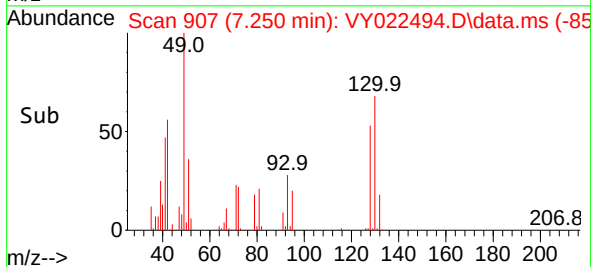
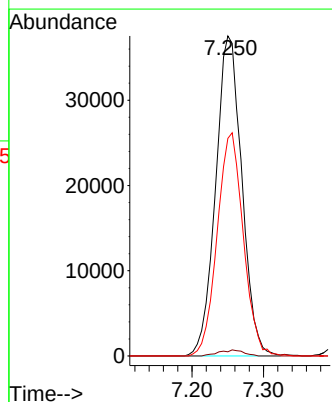
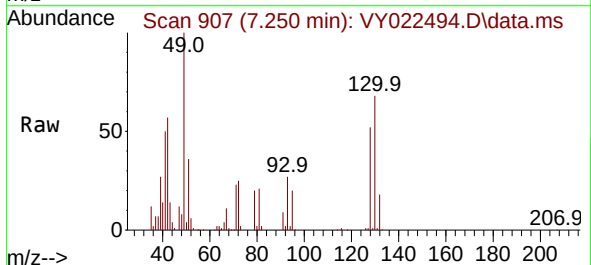
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

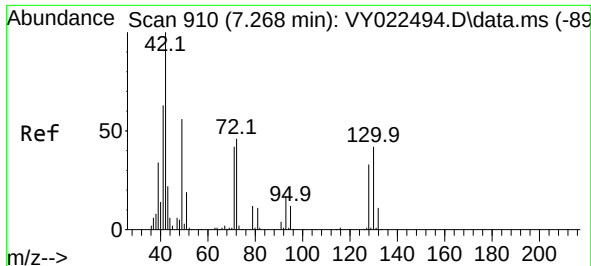
Tgt Ion: 96 Resp: 143210
Ion Ratio Lower Upper
96 100
61 145.0 0.0 290.0
98 64.2 0.0 128.4



#28
Bromochloromethane
Concen: 50.015 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 49 Resp: 95397
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 69.6 55.7 83.5





#29

Tetrahydrofuran

Concen: 255.247 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

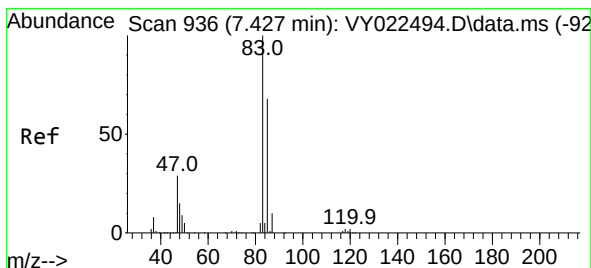
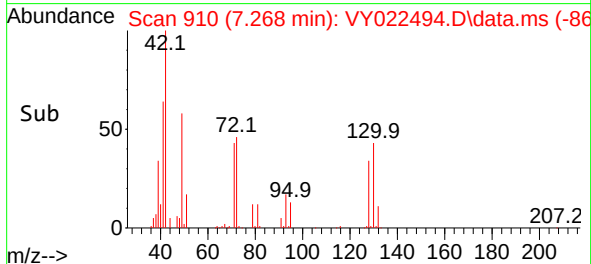
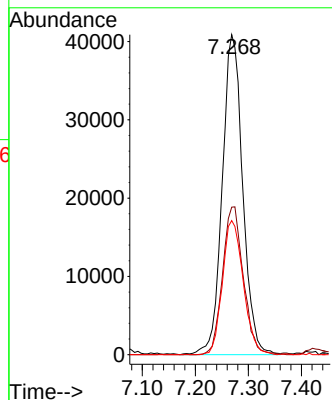
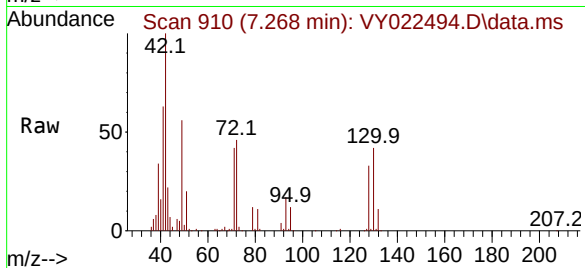
Tgt Ion: 42 Resp: 109698

Ion Ratio Lower Upper

42 100

72 46.8 37.4 56.2

71 42.7 34.2 51.2



#30

Chloroform

Concen: 50.944 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY022494.D

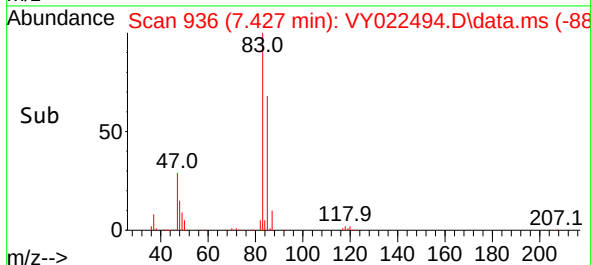
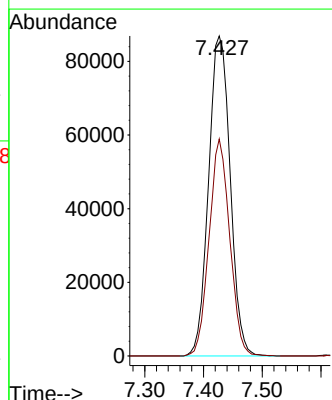
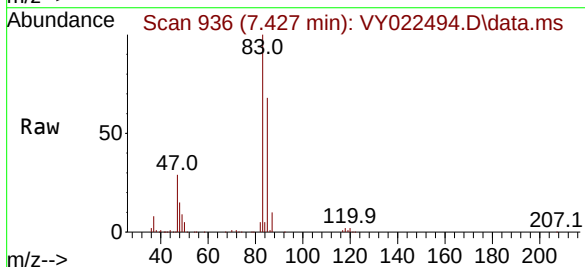
Acq: 02 Jun 2025 12:54

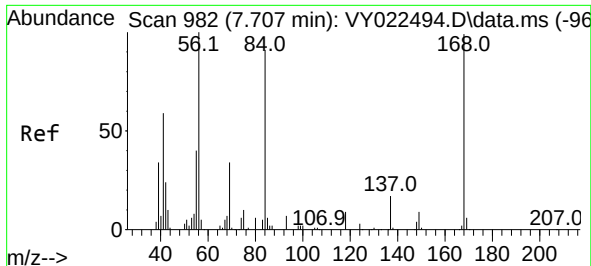
Tgt Ion: 83 Resp: 222226

Ion Ratio Lower Upper

83 100

85 67.8 54.2 81.4

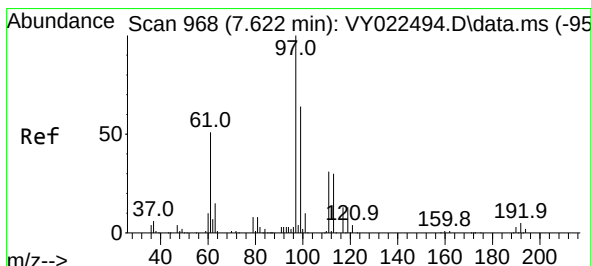
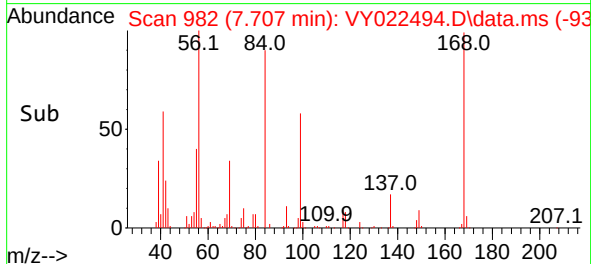
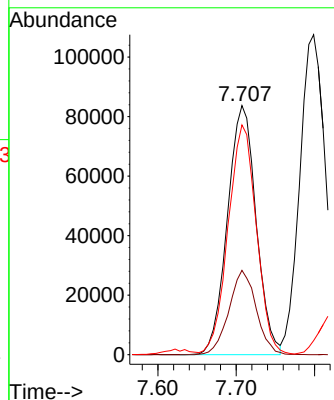
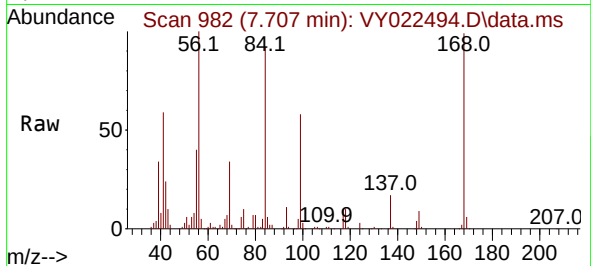




#31
Cyclohexane
Concen: 47.951 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

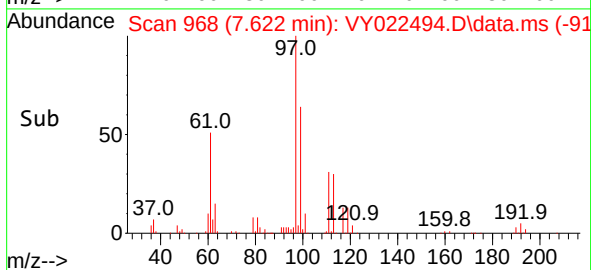
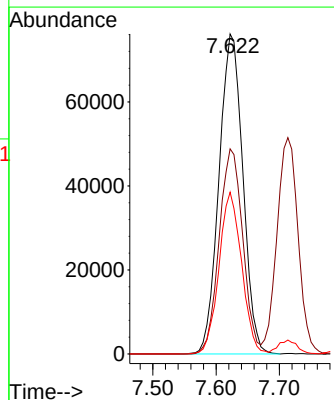
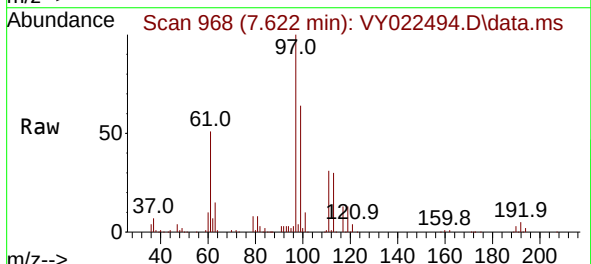
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

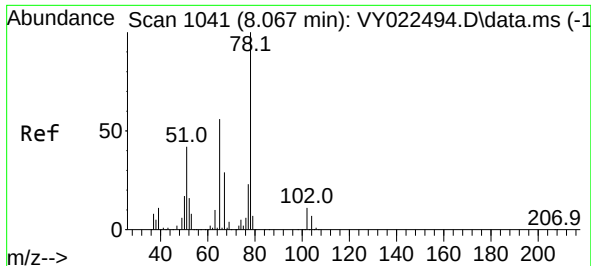
Tgt Ion: 56 Resp: 213031
Ion Ratio Lower Upper
56 100
69 33.8 27.0 40.6
84 90.8 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 51.074 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 97 Resp: 199103
Ion Ratio Lower Upper
97 100
99 63.6 50.9 76.3
61 48.1 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 54.320 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

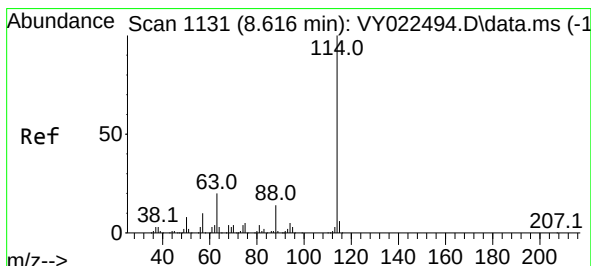
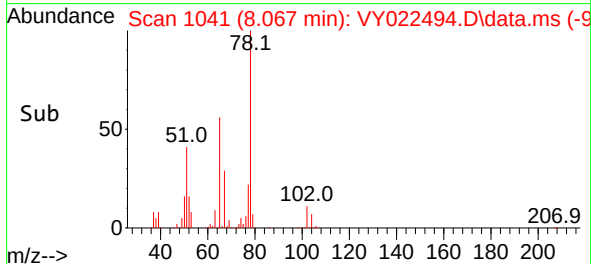
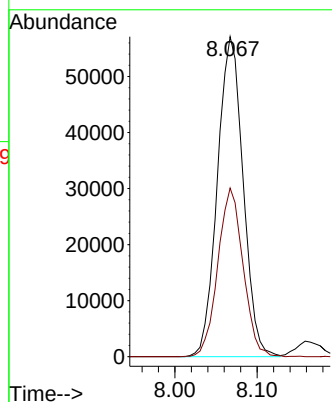
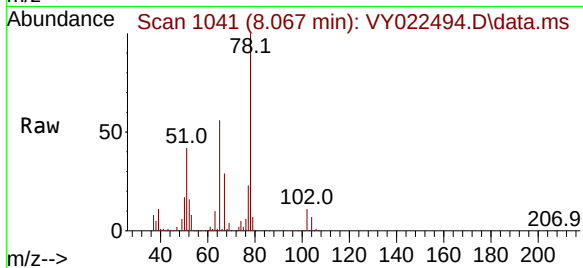
VSTDICCC050

Tgt Ion: 65 Resp: 124098

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

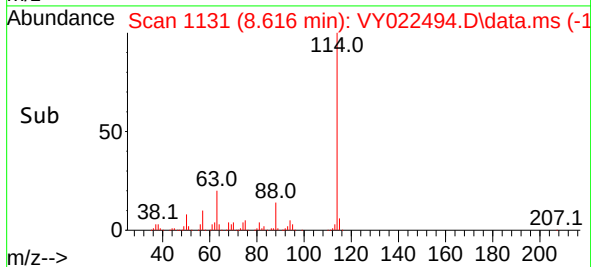
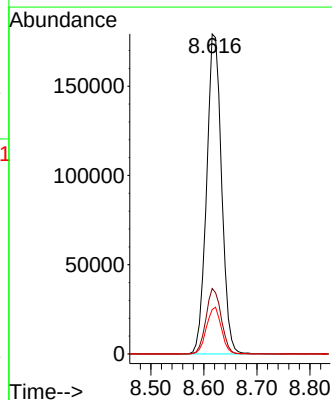
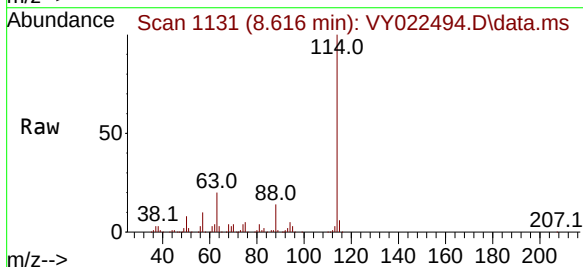
Tgt Ion: 114 Resp: 350947

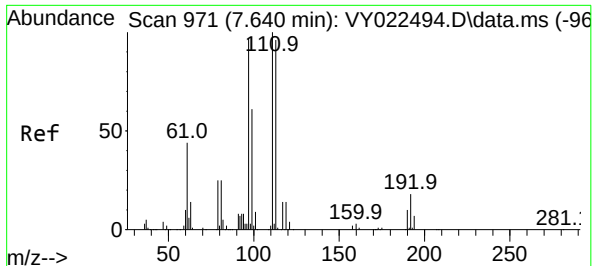
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 13.9 0.0 27.8





#35

Dibromofluoromethane

Concen: 54.514 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

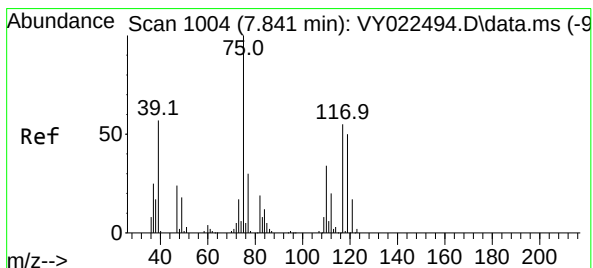
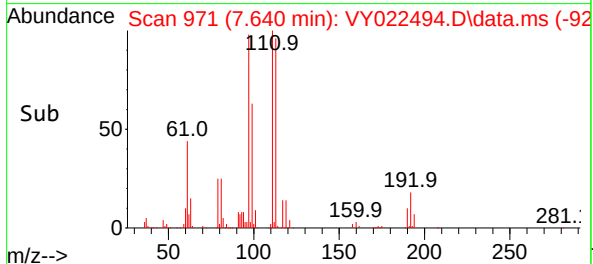
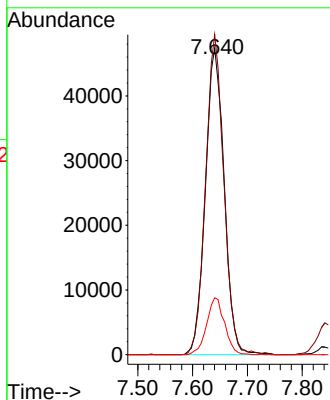
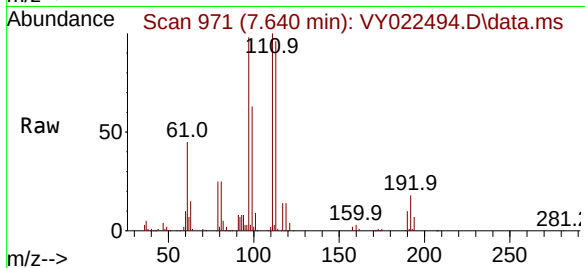
Tgt Ion:113 Resp: 112624

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

192 17.7 14.2 21.2



#36

1,1-Dichloropropene

Concen: 51.116 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

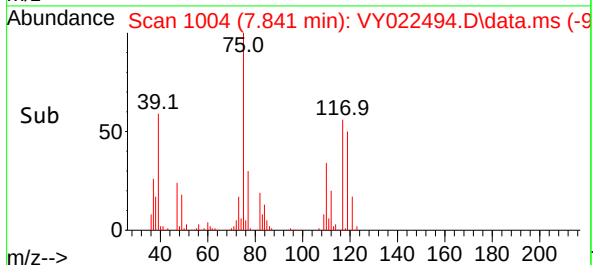
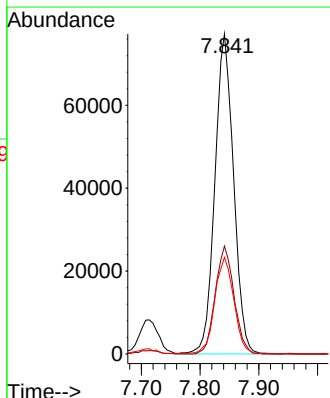
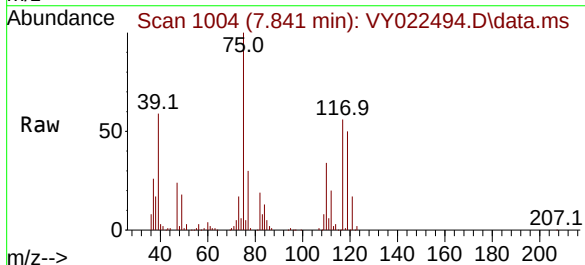
Tgt Ion: 75 Resp: 170708

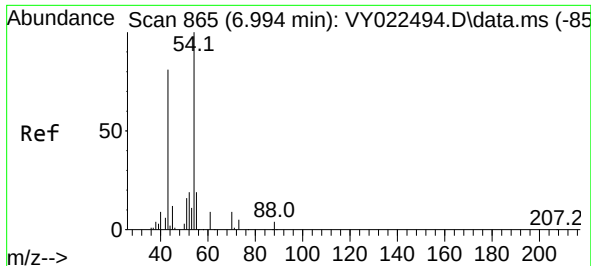
Ion Ratio Lower Upper

75 100

110 33.8 16.9 50.7

77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 54.721 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

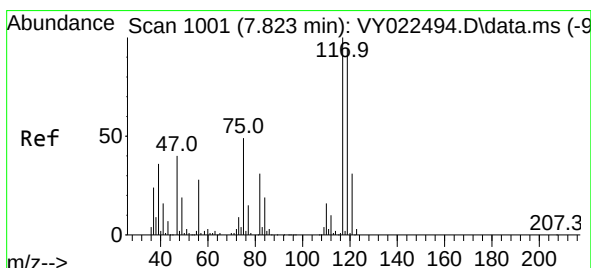
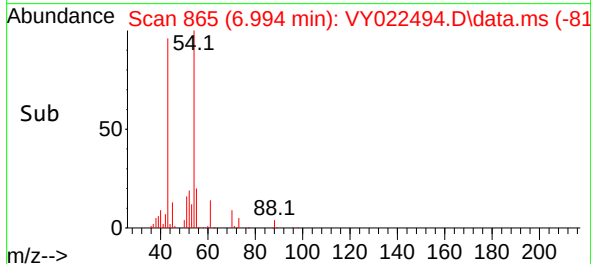
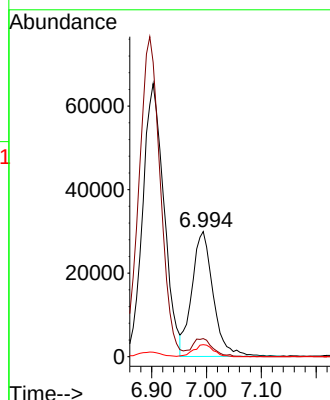
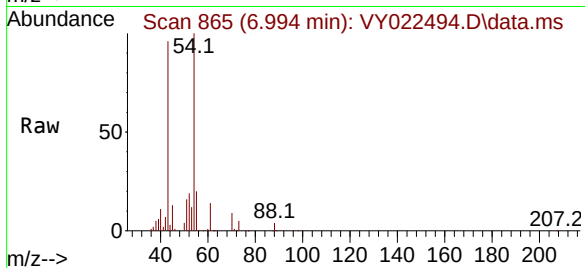
Tgt Ion: 43 Resp: 80426

Ion Ratio Lower Upper

43 100

61 14.4 11.5 17.3

70 9.0 7.2 10.8



#38

Carbon Tetrachloride

Concen: 51.787 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

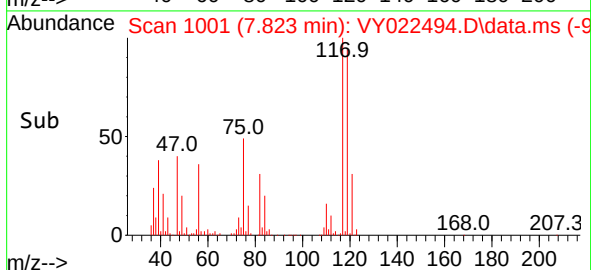
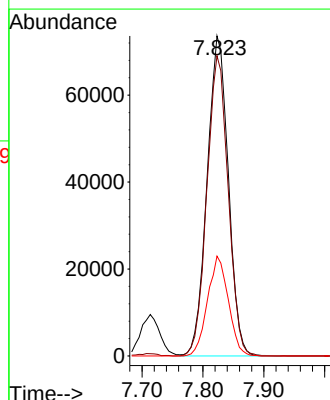
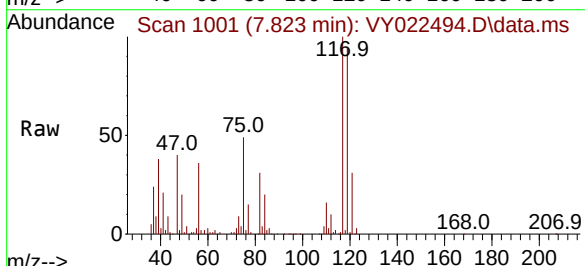
Tgt Ion: 117 Resp: 178292

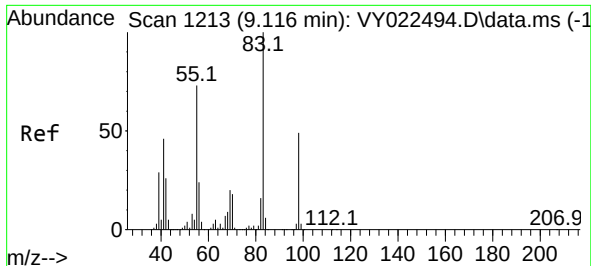
Ion Ratio Lower Upper

117 100

119 93.8 75.0 112.6

121 31.2 25.0 37.4

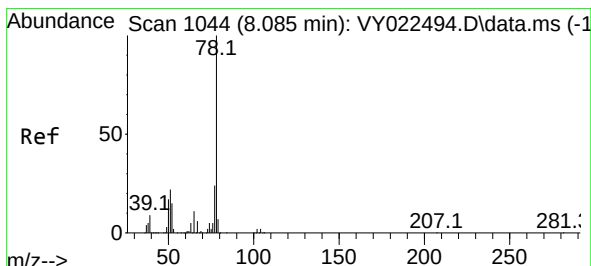
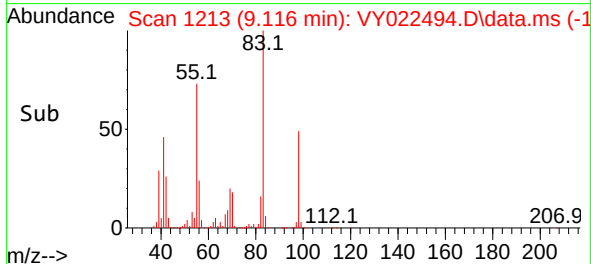
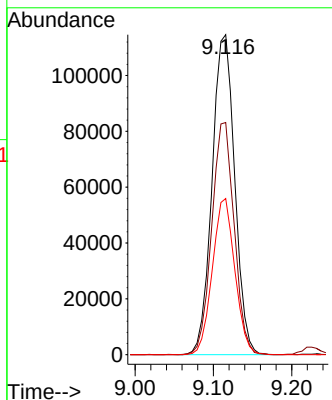
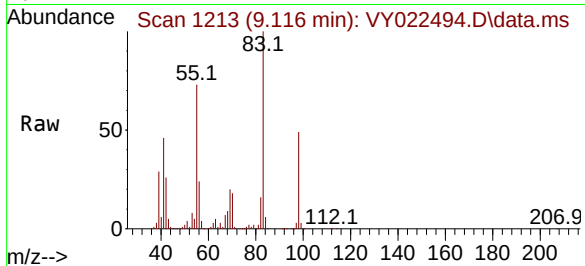




#39
Methylcyclohexane
Concen: 51.100 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

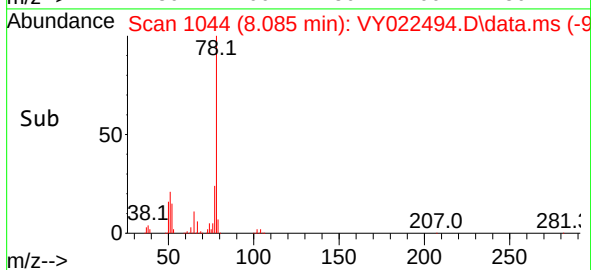
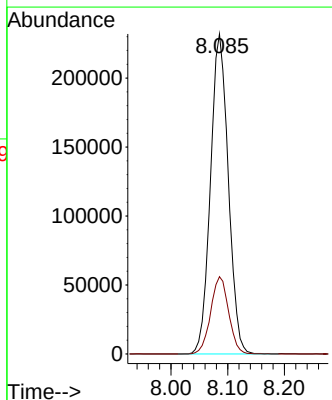
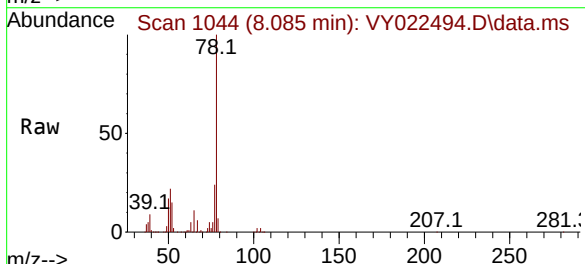
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

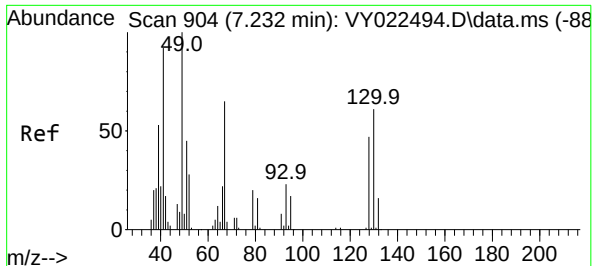
Tgt Ion: 83 Resp: 230536
Ion Ratio Lower Upper
83 100
55 72.6 58.1 87.1
98 48.8 39.0 58.6



#40
Benzene
Concen: 51.376 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 78 Resp: 505749
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

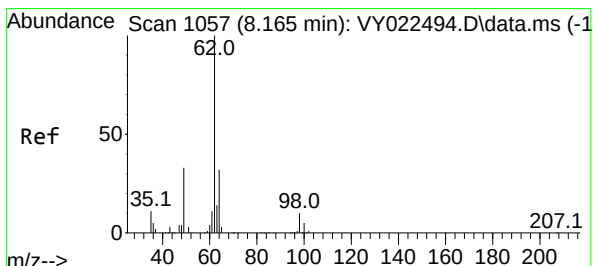
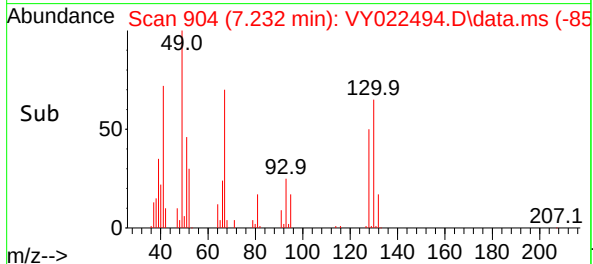
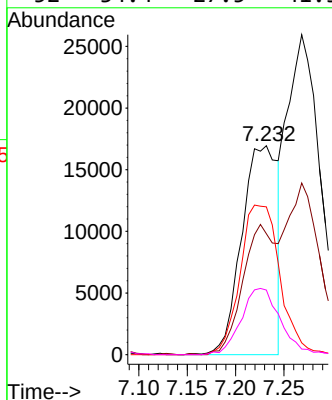
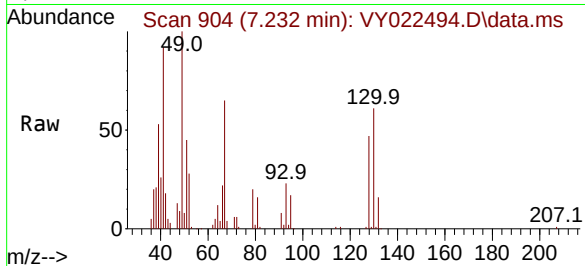




#41
Methacrylonitrile
Concen: 46.342 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

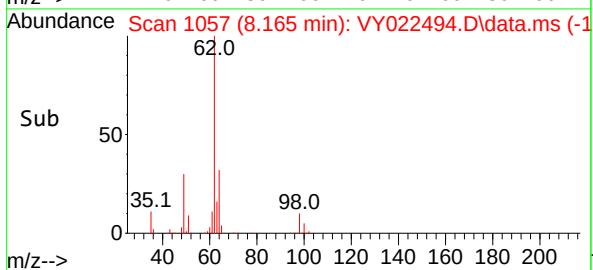
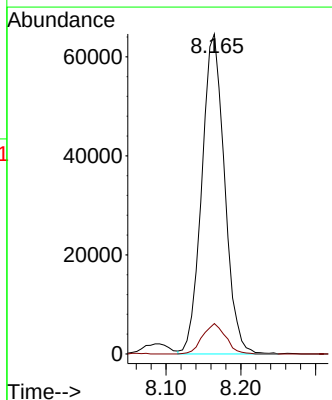
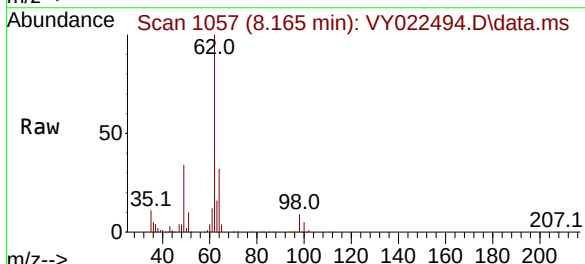
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

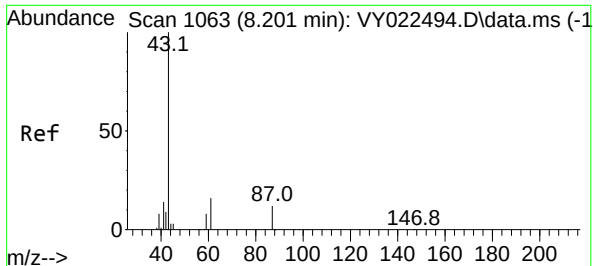
Tgt Ion:	41	Resp:	43865
Ion	Ratio	Lower	Upper
41	100		
39	58.2	46.6	69.8
67	79.1	63.3	94.9
52	34.4	27.5	41.3



#42
1,2-Dichloroethane
Concen: 51.114 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:	62	Resp:	136876
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.2

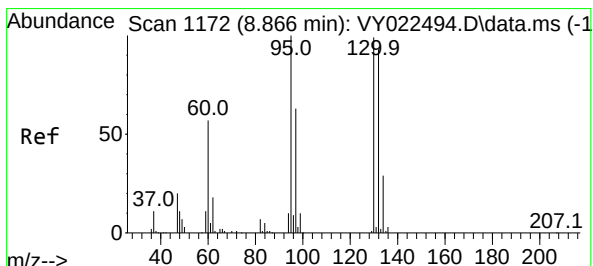
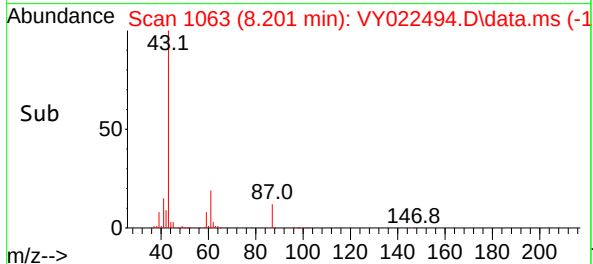
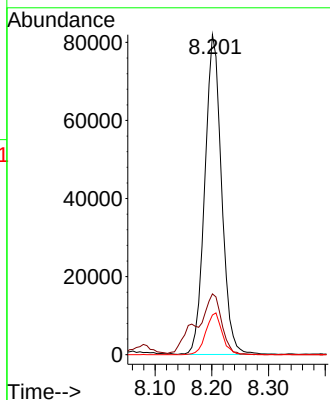
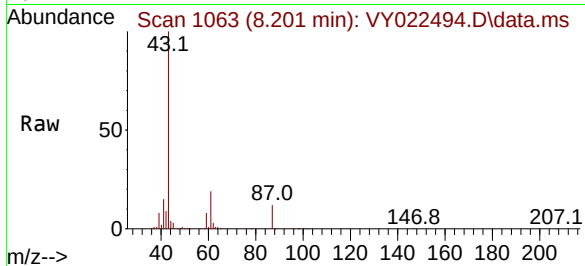




#43
Isopropyl Acetate
Concen: 52.237 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

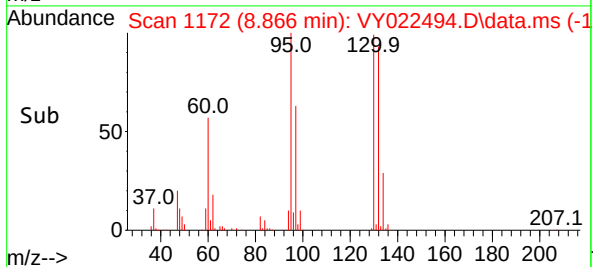
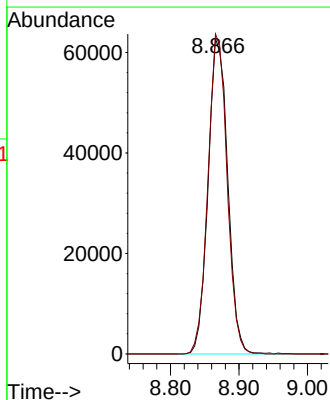
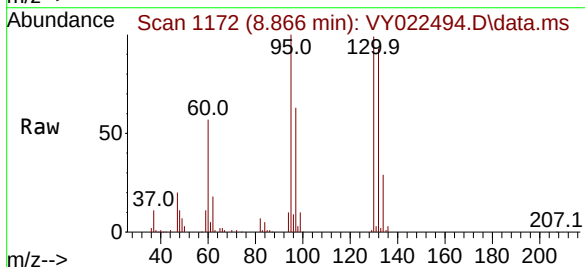
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

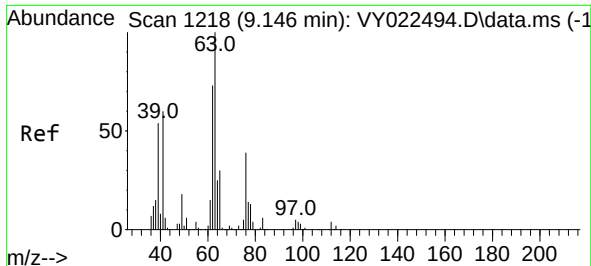
Tgt Ion: 43 Resp: 167771
Ion Ratio Lower Upper
43 100
61 19.5 15.6 23.4
87 12.8 10.2 15.4



#44
Trichloroethene
Concen: 51.843 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:130 Resp: 124670
Ion Ratio Lower Upper
130 100
95 101.5 0.0 203.0





#45

1,2-Dichloropropane

Concen: 51.415 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

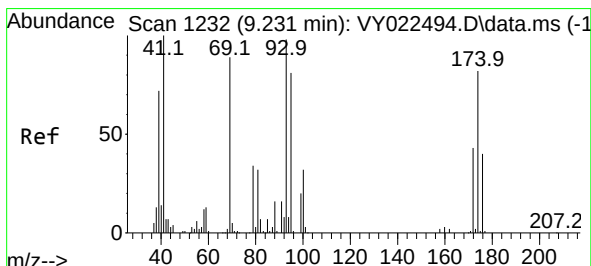
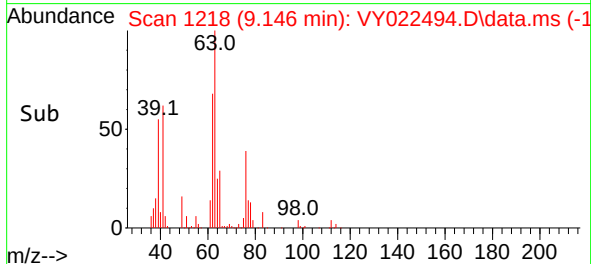
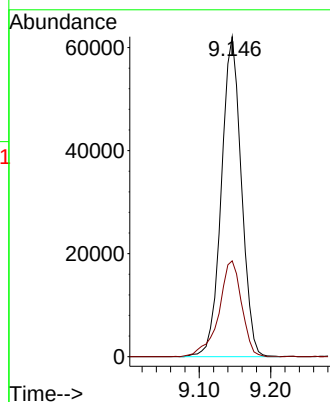
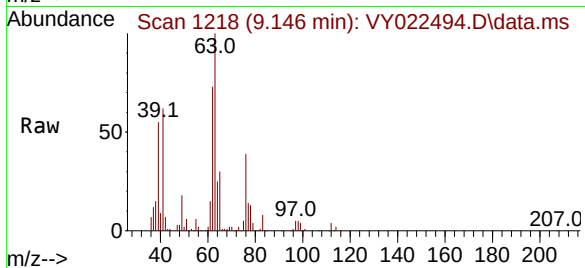
VSTDICCC050

Tgt Ion: 63 Resp: 120660

Ion Ratio Lower Upper

63 100

65 30.0 24.0 36.0



#46

Dibromomethane

Concen: 51.485 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

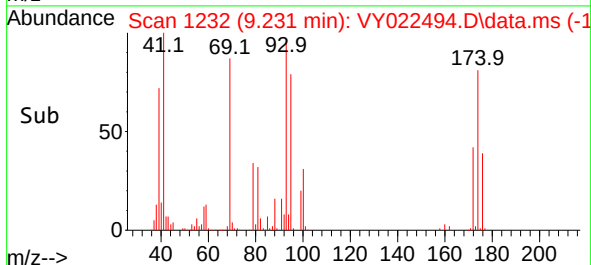
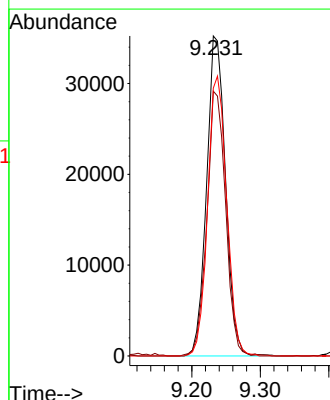
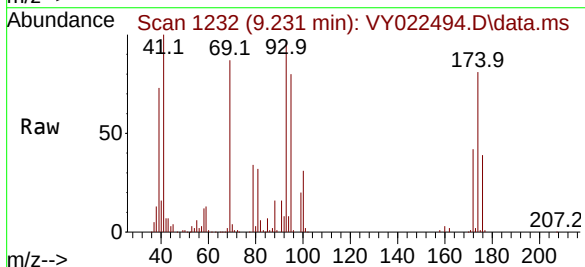
Tgt Ion: 93 Resp: 67690

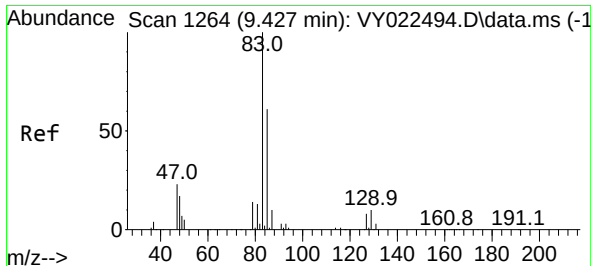
Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

174 88.0 70.4 105.6

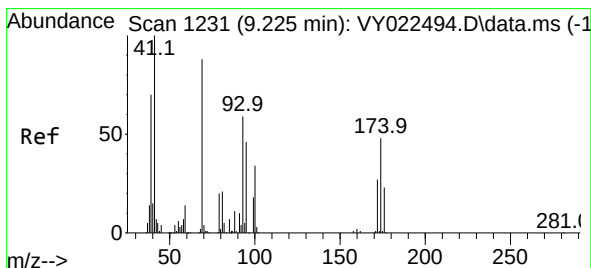
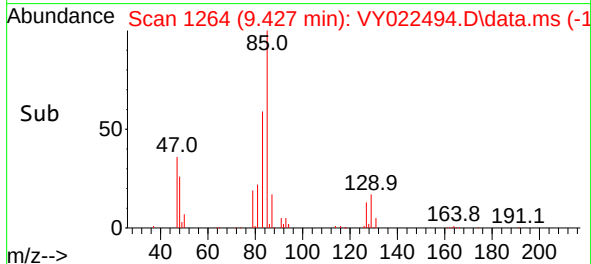
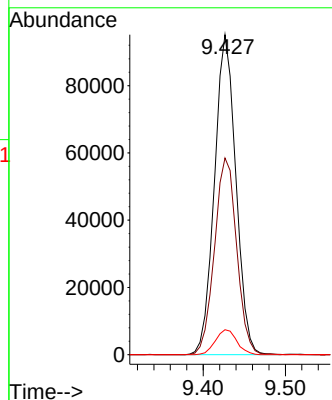
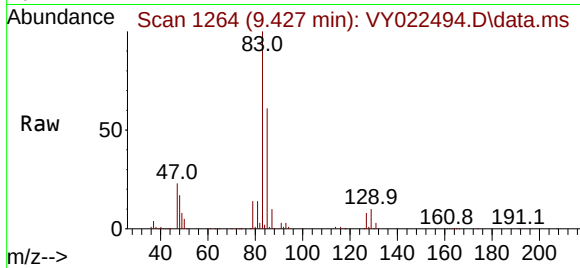




#47
 Bromodichloromethane
 Concen: 51.664 ug/l
 RT: 9.427 min Scan# 1264
 Delta R.T. 0.000 min
 Lab File: VY022494.D
 Acq: 02 Jun 2025 12:54

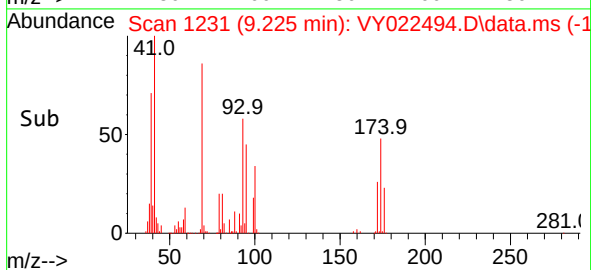
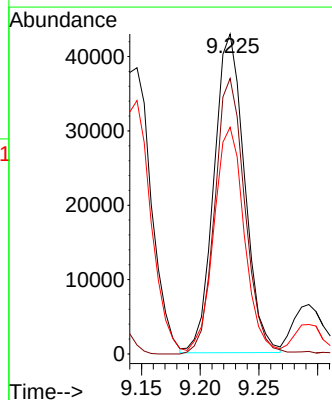
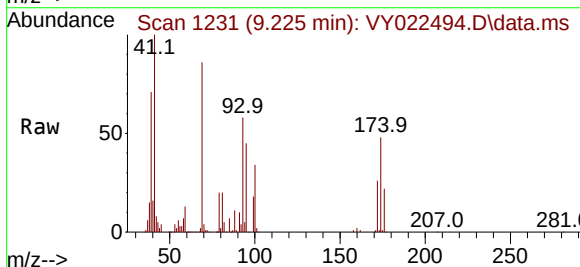
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

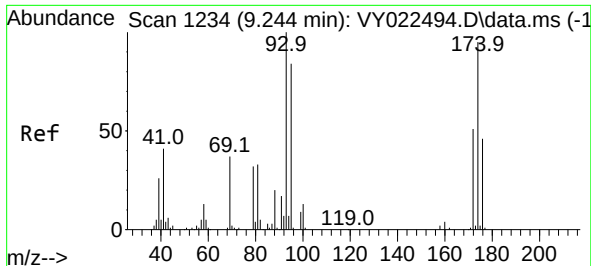
Tgt Ion: 83 Resp: 172341
 Ion Ratio Lower Upper
 83 100
 85 61.4 49.1 73.7
 127 7.8 6.2 9.4



#48
 Methyl methacrylate
 Concen: 52.963 ug/l
 RT: 9.225 min Scan# 1231
 Delta R.T. 0.000 min
 Lab File: VY022494.D
 Acq: 02 Jun 2025 12:54

Tgt Ion: 41 Resp: 77885
 Ion Ratio Lower Upper
 41 100
 69 84.8 67.8 101.8
 39 68.7 55.0 82.4

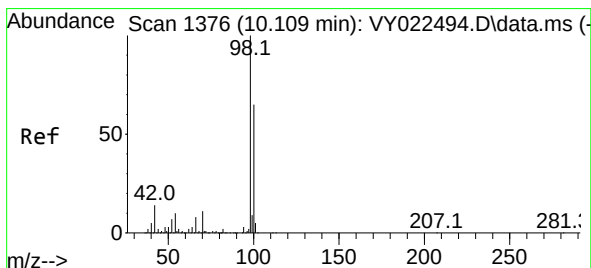
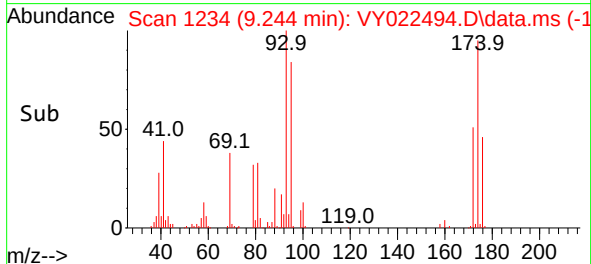
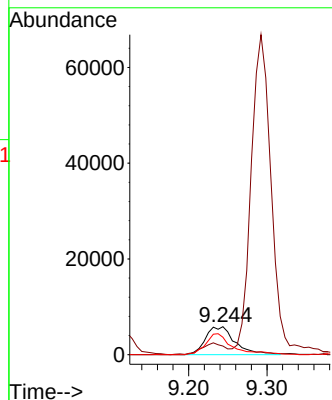
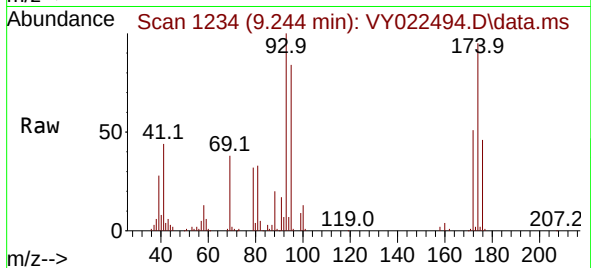




#49
1,4-Dioxane
Concen: 977.637 ug/l
RT: 9.244 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

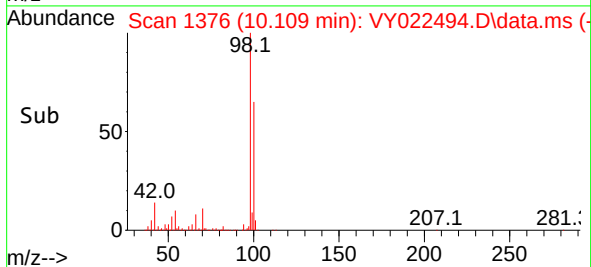
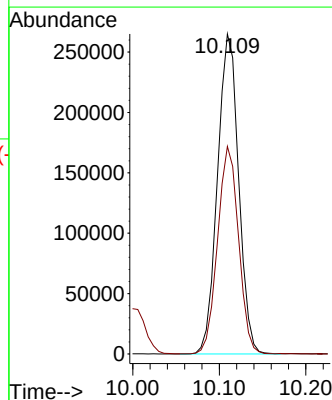
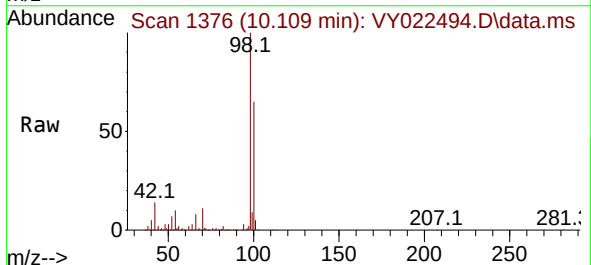
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

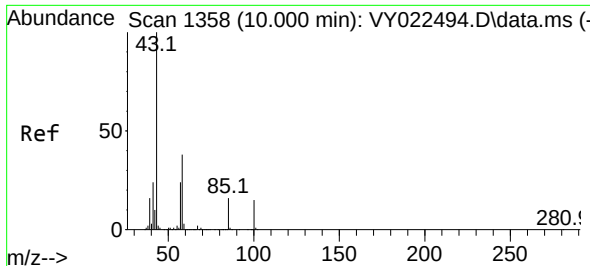
Tgt Ion: 88 Resp: 15334
Ion Ratio Lower Upper
88 100
43 31.8 25.4 38.2
58 68.6 54.9 82.3



#50
Toluene-d8
Concen: 53.734 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 98 Resp: 448690
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0

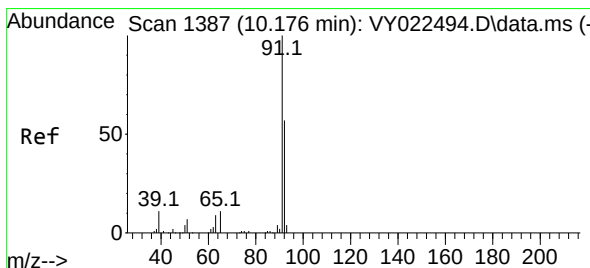
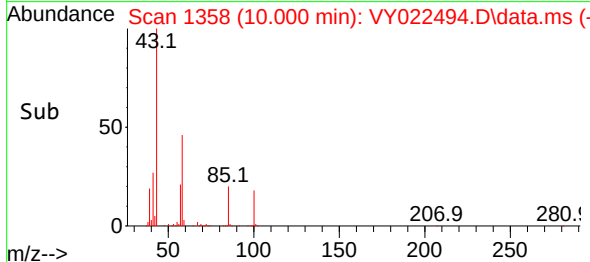
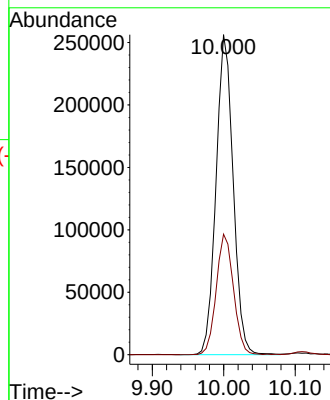
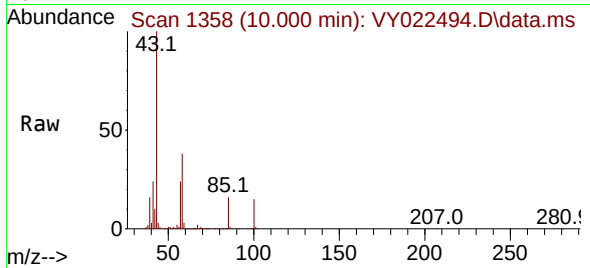




#51
4-Methyl-2-Pentanone
Concen: 267.154 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

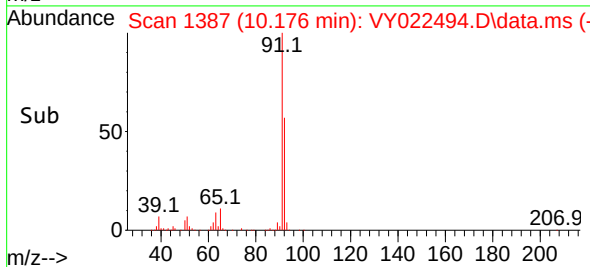
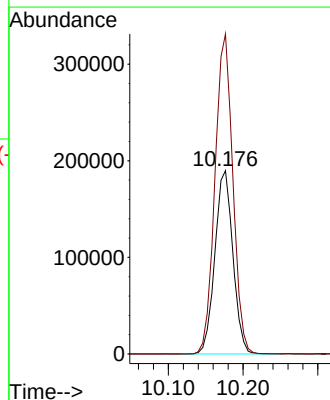
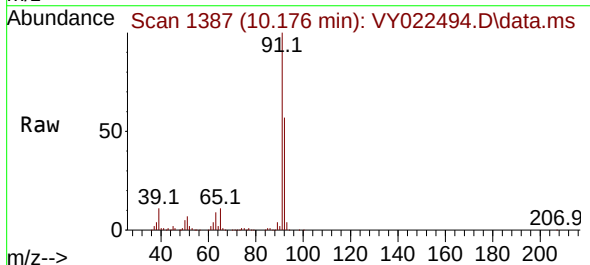
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

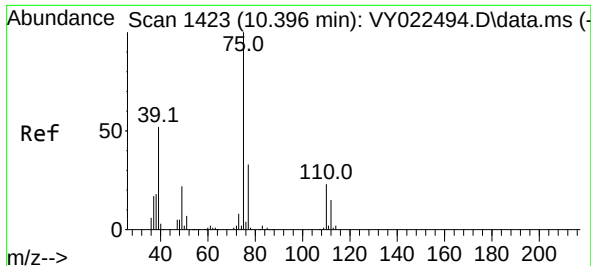
Tgt Ion: 43 Resp: 425868
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6



#52
Toluene
Concen: 51.213 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 92 Resp: 316972
Ion Ratio Lower Upper
92 100
91 173.7 139.0 208.4

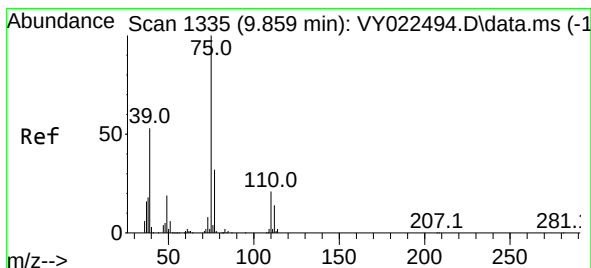
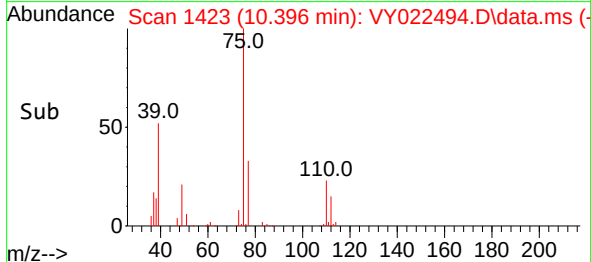
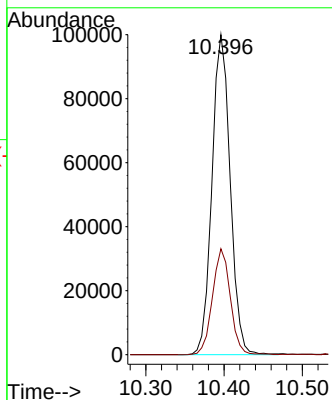
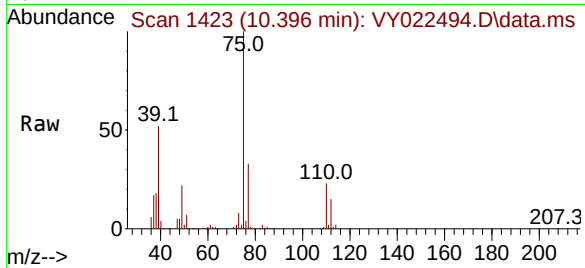




#53
 t-1,3-Dichloropropene
 Concen: 52.450 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY022494.D
 Acq: 02 Jun 2025 12:54

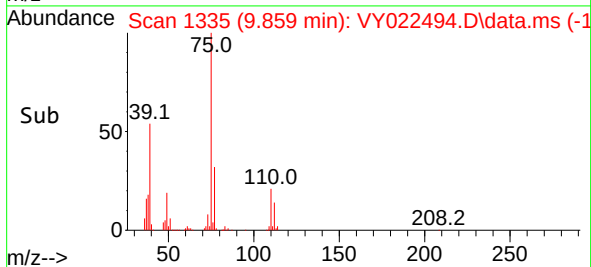
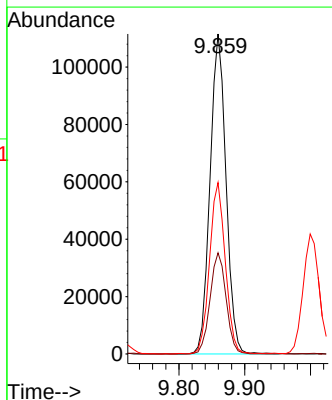
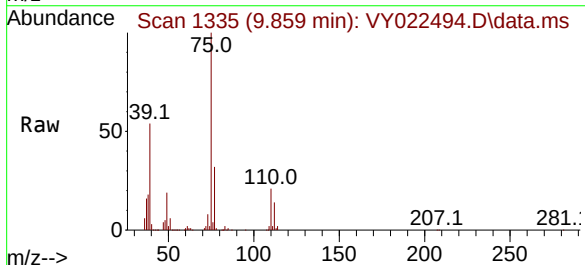
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

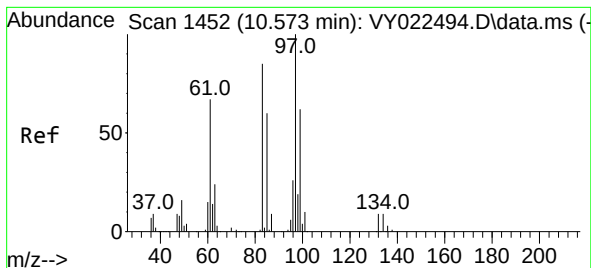
Tgt Ion: 75 Resp: 161859
 Ion Ratio Lower Upper
 75 100
 77 33.1 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 52.108 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY022494.D
 Acq: 02 Jun 2025 12:54

Tgt Ion: 75 Resp: 188559
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 53.4 42.7 64.1

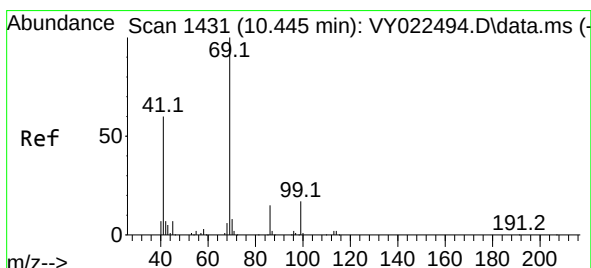
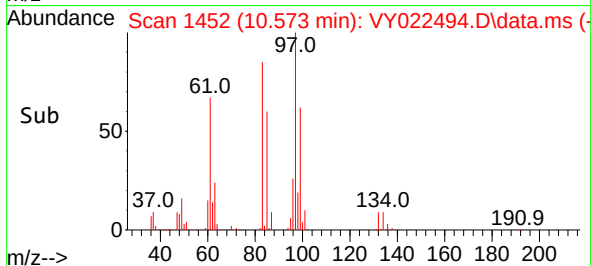
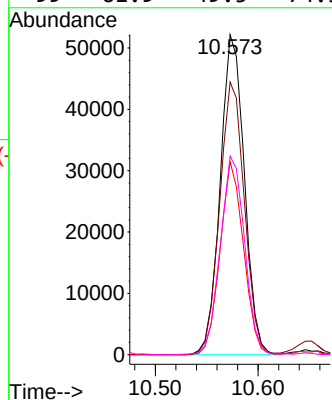
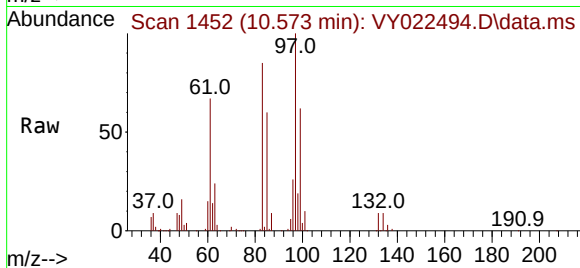




#55
1,1,2-Trichloroethane
Concen: 51.209 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

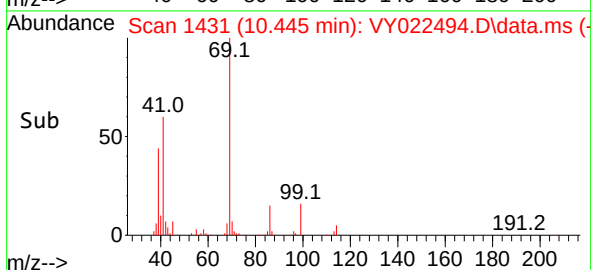
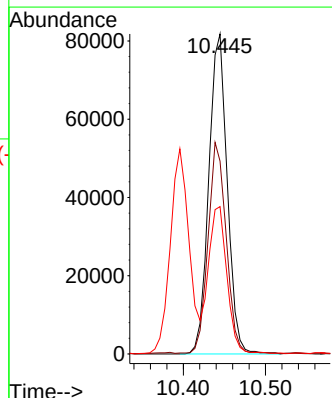
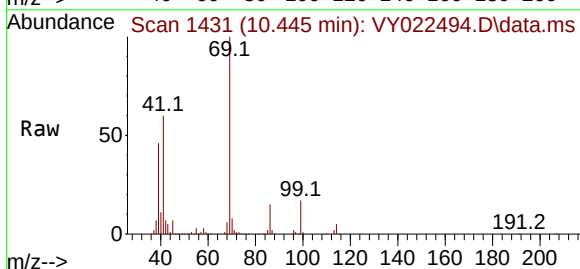
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

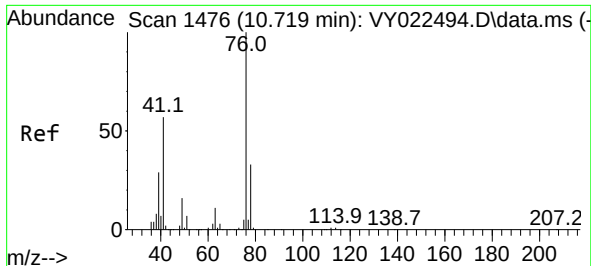
Tgt Ion:	97	Resp:	84788
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	60.2	48.2	72.2
99	61.9	49.5	74.3



#56
Ethyl methacrylate
Concen: 52.930 ug/l
RT: 10.445 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:	69	Resp:	127271
Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.2	78.2
39	45.9	36.7	55.1





#57

1,3-Dichloropropane

Concen: 51.821 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

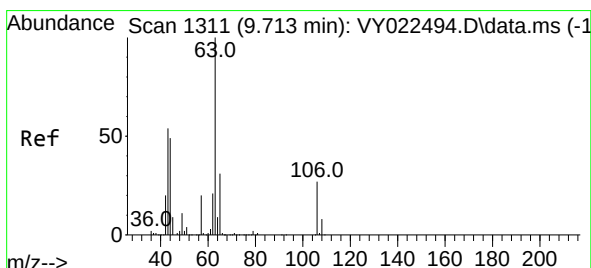
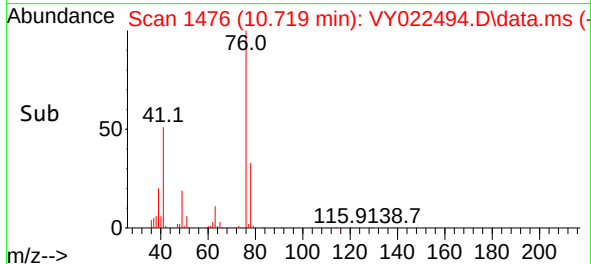
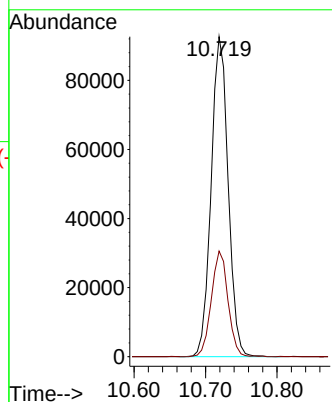
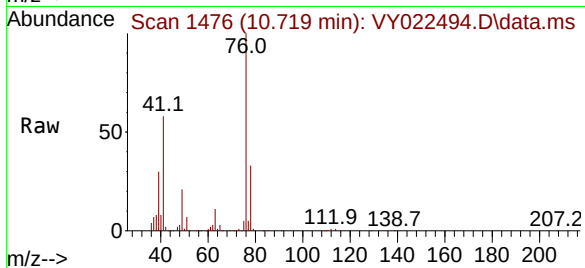
VSTDICCC050

Tgt Ion: 76 Resp: 152809

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 260.896 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022494.D

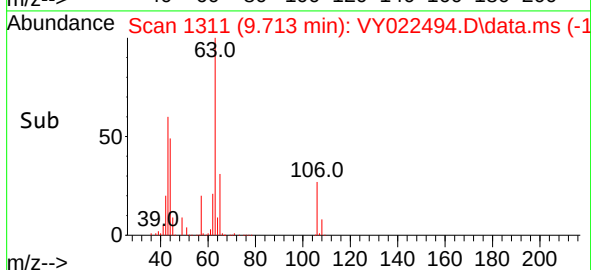
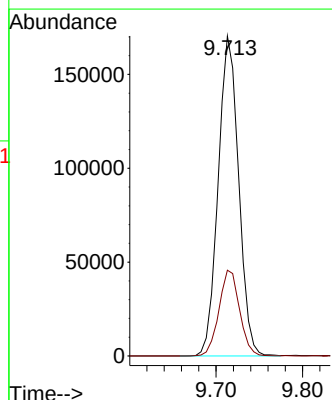
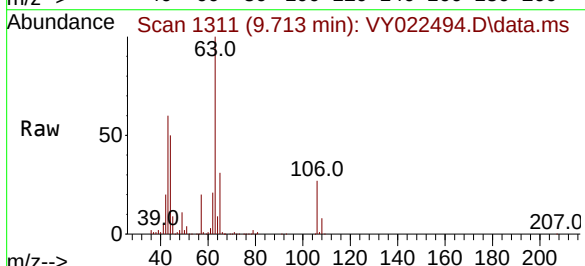
Acq: 02 Jun 2025 12:54

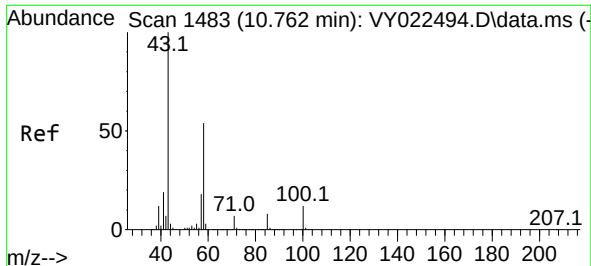
Tgt Ion: 63 Resp: 279669

Ion Ratio Lower Upper

63 100

106 27.0 21.6 32.4

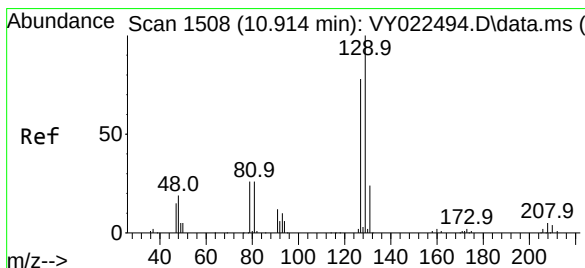
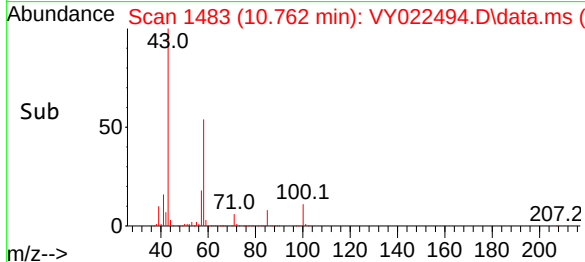
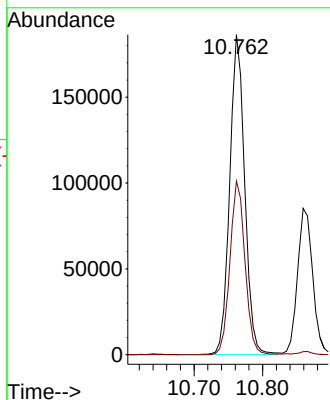
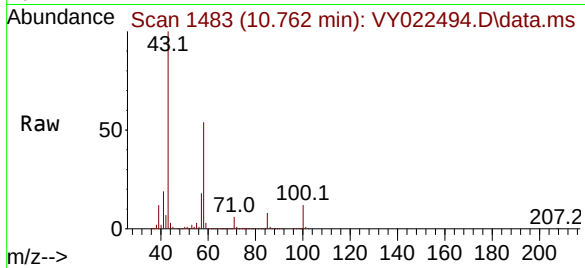




#59
2-Hexanone
Concen: 266.885 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

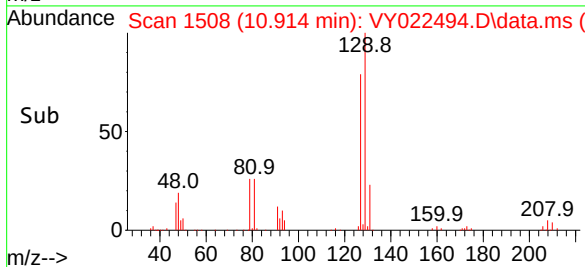
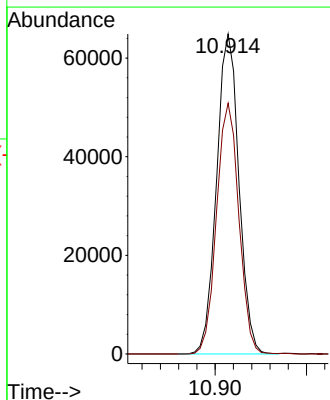
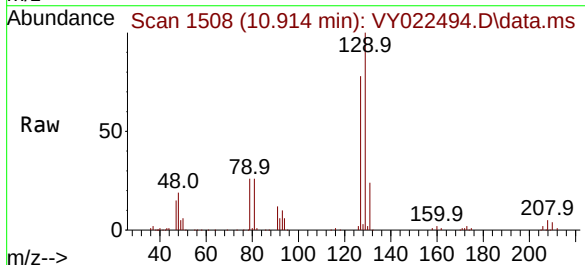
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

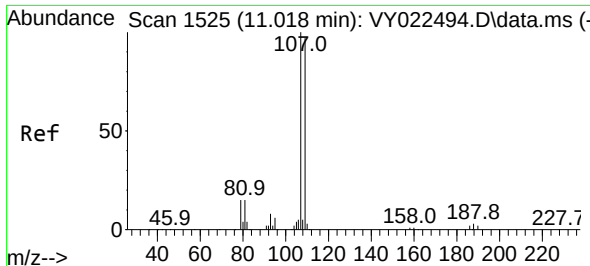
Tgt Ion: 43 Resp: 283601
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 52.582 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 129 Resp: 110314
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2

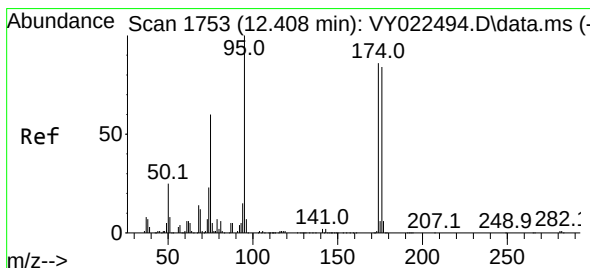
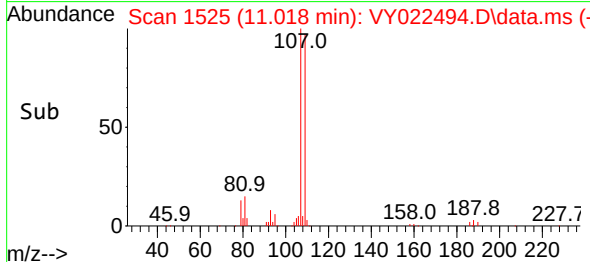
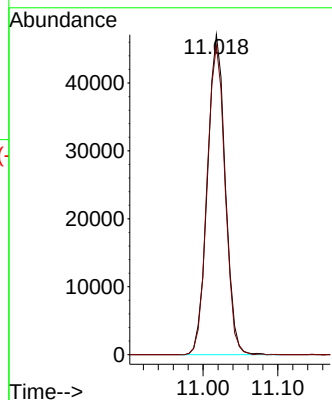
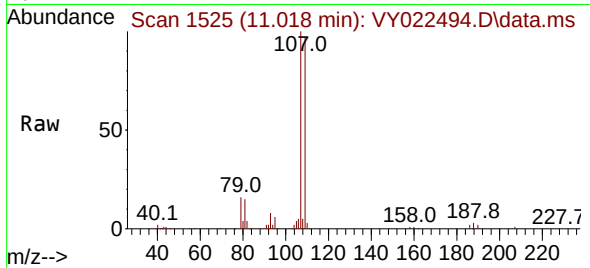




#61
1,2-Dibromoethane
Concen: 51.150 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

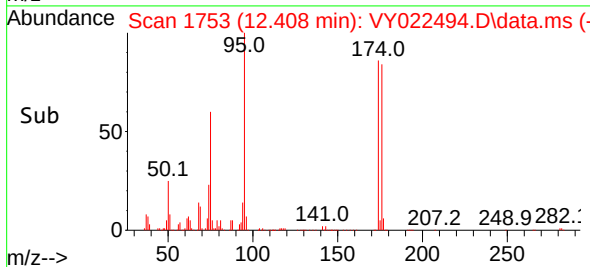
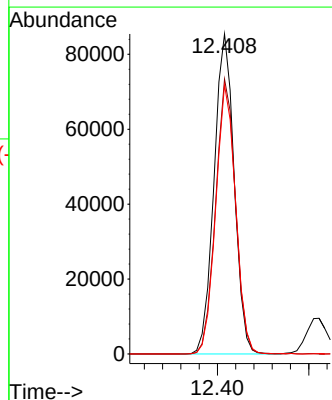
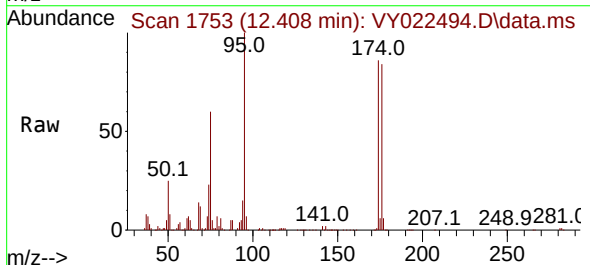
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

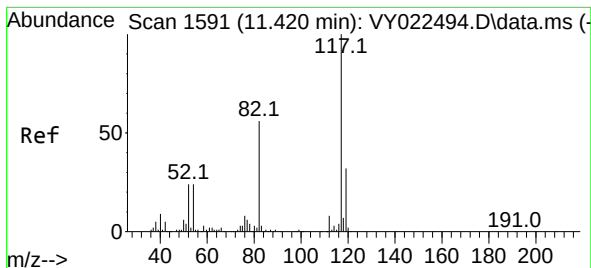
Tgt Ion:107 Resp: 78151
Ion Ratio Lower Upper
107 100
109 97.1 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 51.503 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 95 Resp: 130393
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.0
176 83.1 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

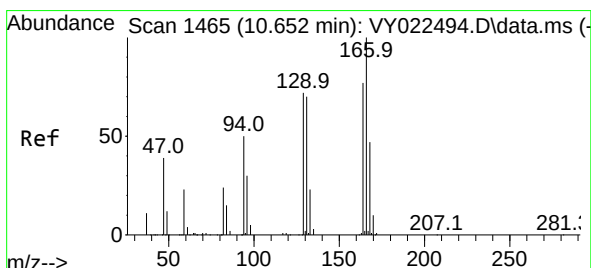
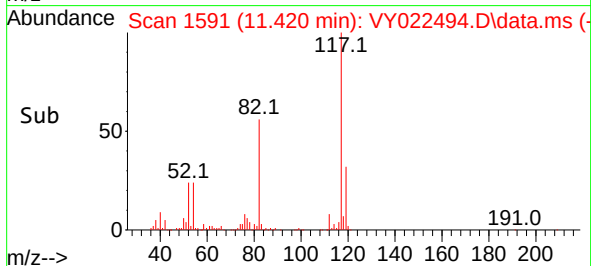
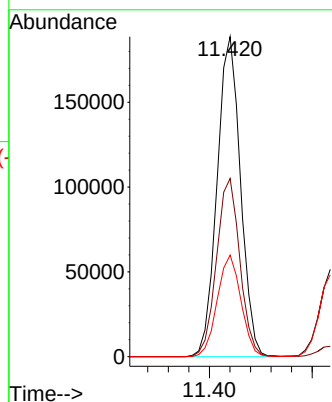
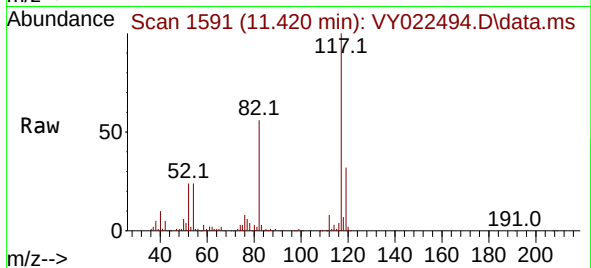
Tgt Ion:117 Resp: 298187

Ion Ratio Lower Upper

117 100

82 55.7 44.6 66.8

119 31.7 25.4 38.0



#64

Tetrachloroethene

Concen: 51.367 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Tgt Ion:164 Resp: 130171

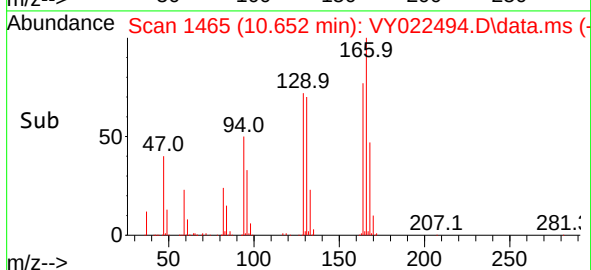
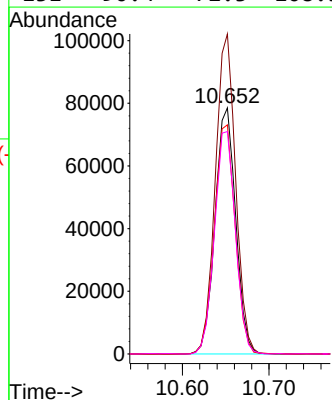
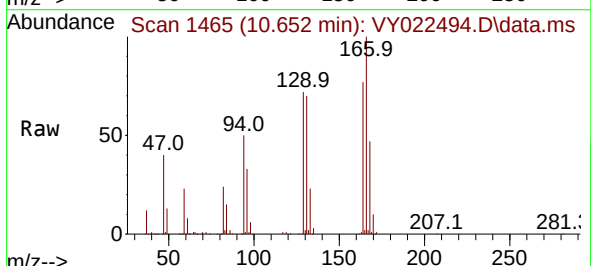
Ion Ratio Lower Upper

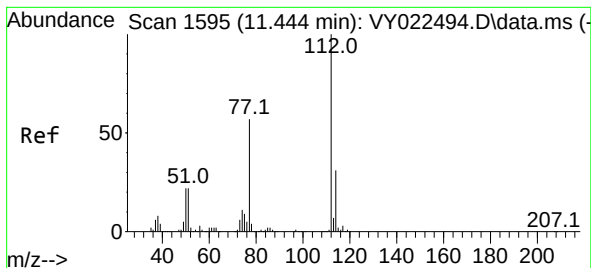
164 100

166 130.0 104.0 156.0

129 93.1 74.5 111.7

131 90.4 72.3 108.5





#65

Chlorobenzene

Concen: 51.447 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

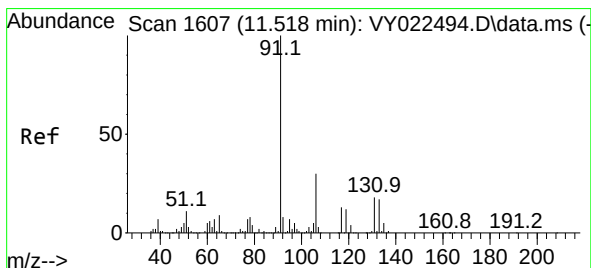
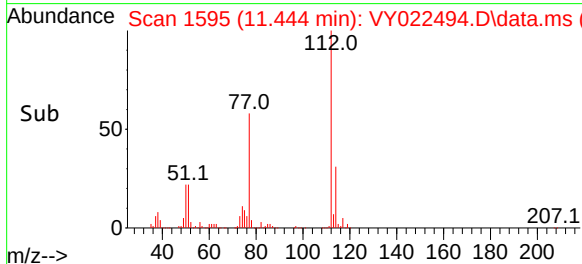
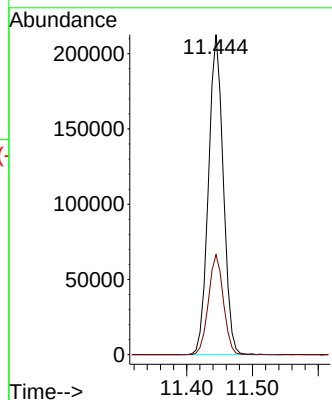
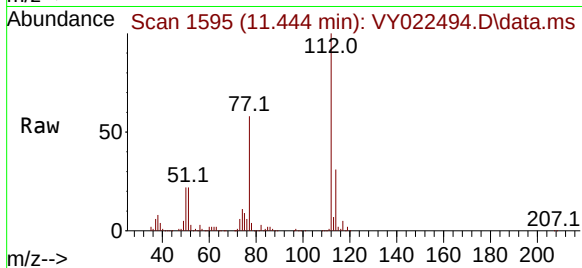
VSTDICCC050

Tgt Ion:112 Resp: 332645

Ion Ratio Lower Upper

112 100

114 31.3 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.526 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

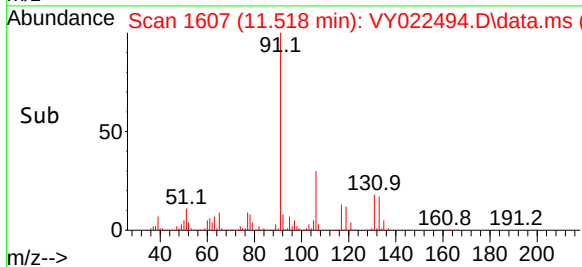
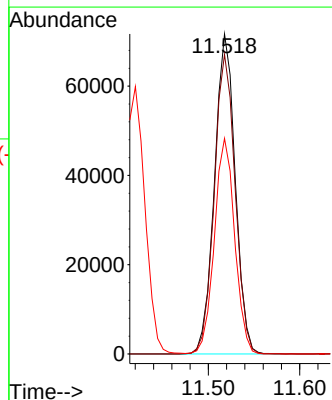
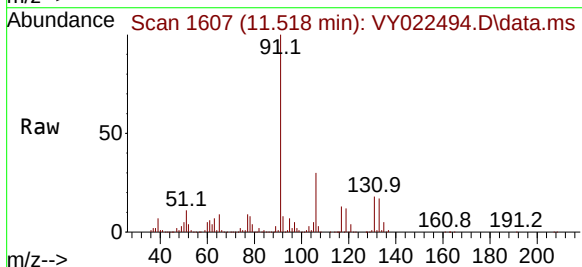
Tgt Ion:131 Resp: 112934

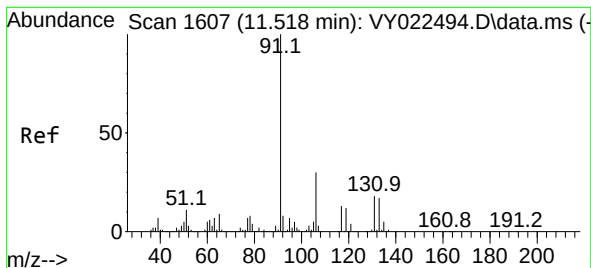
Ion Ratio Lower Upper

131 100

133 94.5 47.3 141.8

119 66.2 33.1 99.3





#67

Ethyl Benzene

Concen: 51.577 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

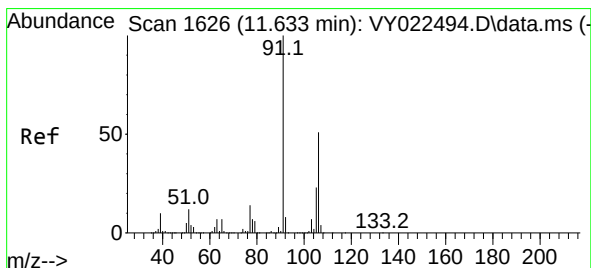
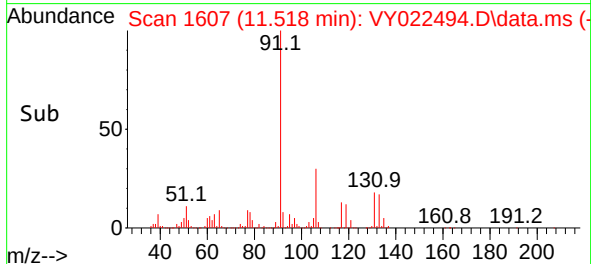
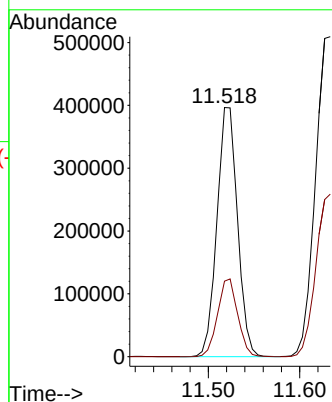
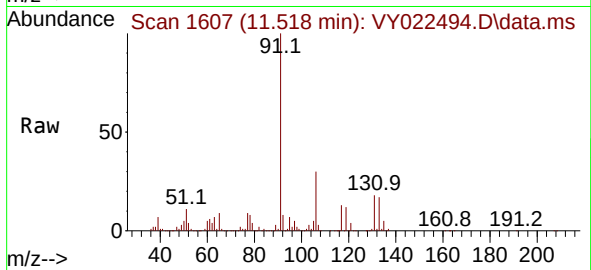
VSTDICCC050

Tgt Ion: 91 Resp: 621031

Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.4



#68

m/p-Xylenes

Concen: 102.795 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY022494.D

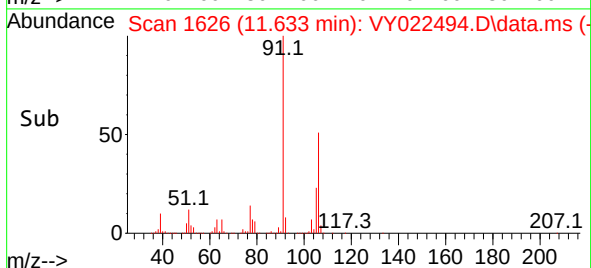
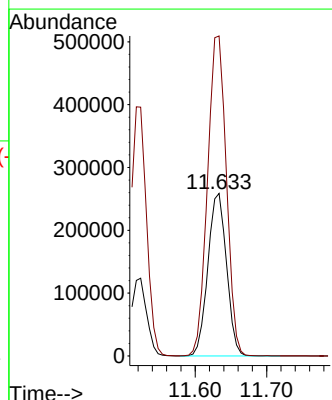
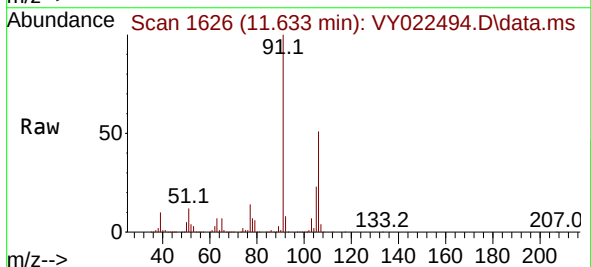
Acq: 02 Jun 2025 12:54

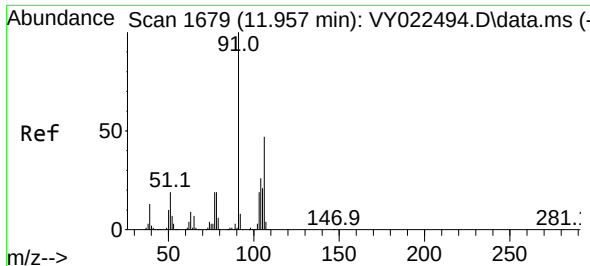
Tgt Ion: 106 Resp: 468441

Ion Ratio Lower Upper

106 100

91 199.2 159.4 239.0

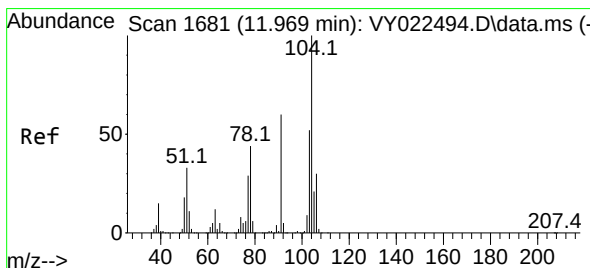
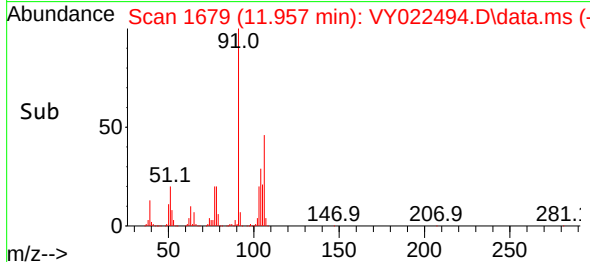
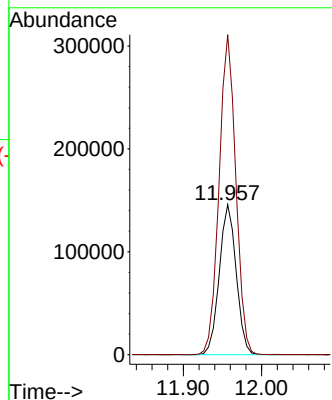
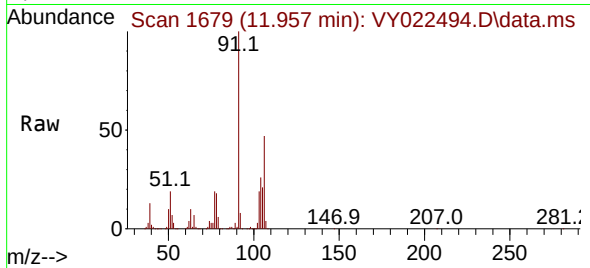




#69
o-Xylene
Concen: 51.293 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

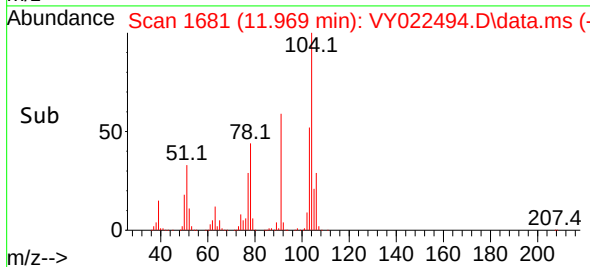
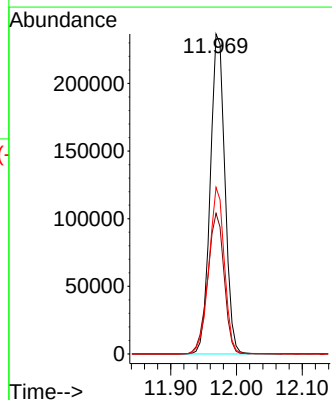
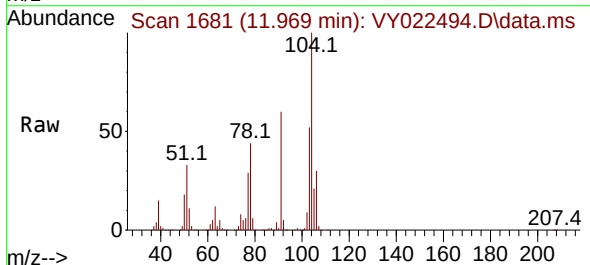
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

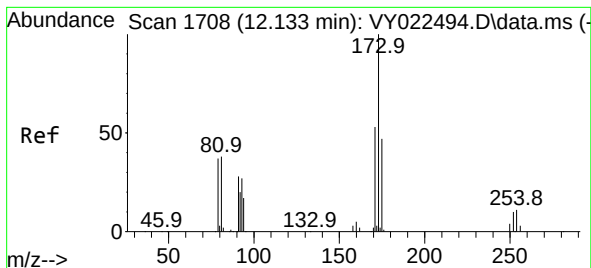
Tgt Ion:106 Resp: 218760
Ion Ratio Lower Upper
106 100
91 211.5 105.8 317.3



#70
Styrene
Concen: 52.052 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:104 Resp: 367553
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 55.1 44.1 66.1





#71

Bromoform

Concen: 51.996 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

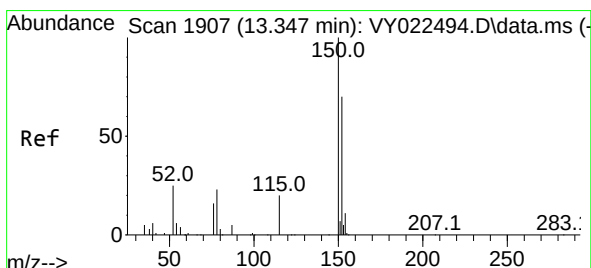
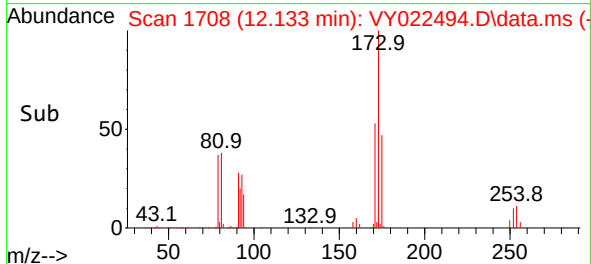
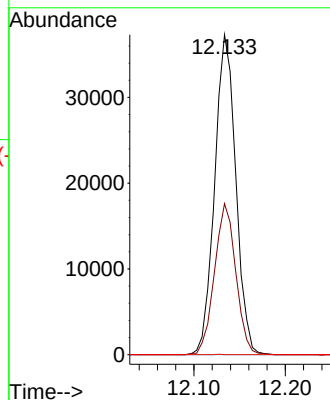
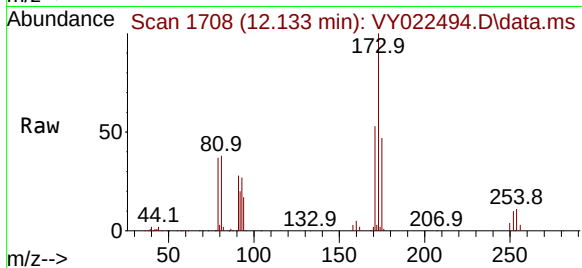
Tgt Ion:173 Resp: 59888

Ion Ratio Lower Upper

173 100

175 47.7 23.8 71.5

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

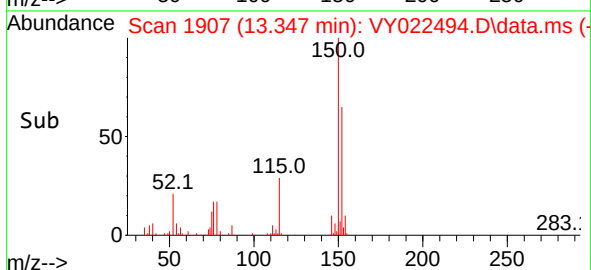
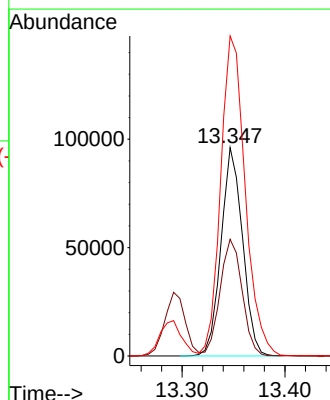
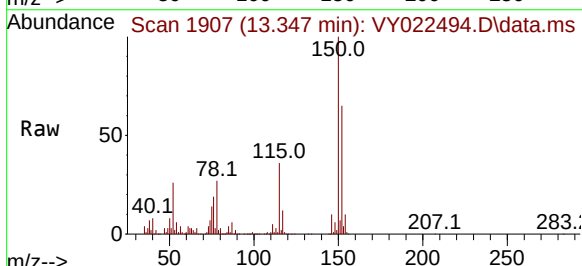
Tgt Ion:152 Resp: 139554

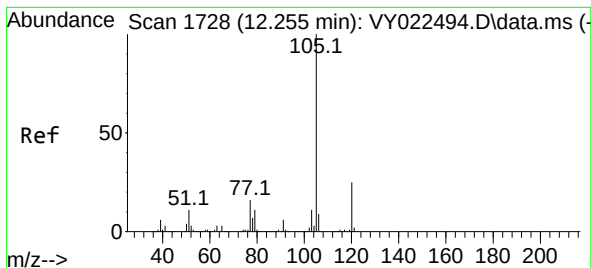
Ion Ratio Lower Upper

152 100

115 57.8 28.9 86.7

150 174.8 0.0 349.6





#73

Isopropylbenzene

Concen: 51.329 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

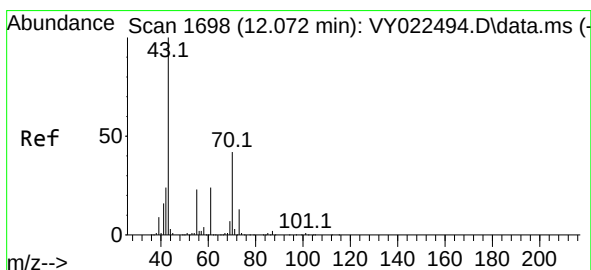
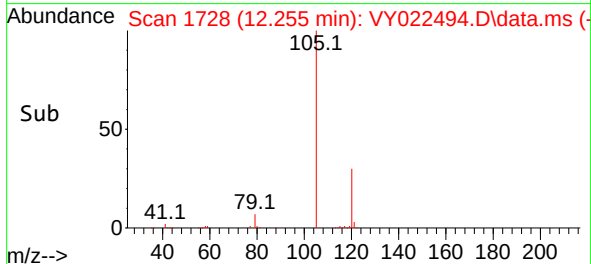
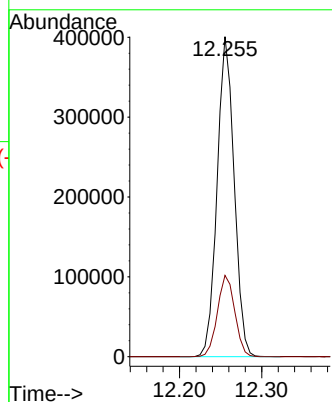
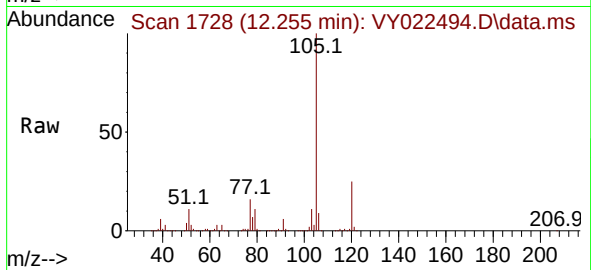
VSTDICCC050

Tgt Ion:105 Resp: 577133

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 52.627 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Tgt Ion: 43 Resp: 149637

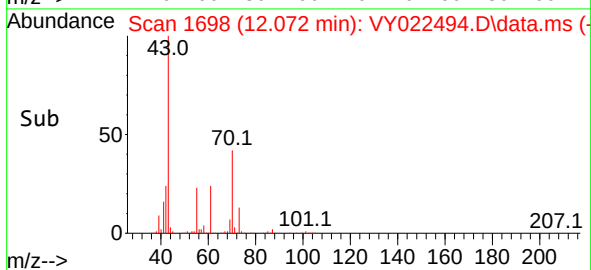
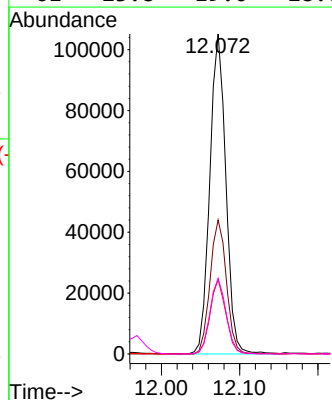
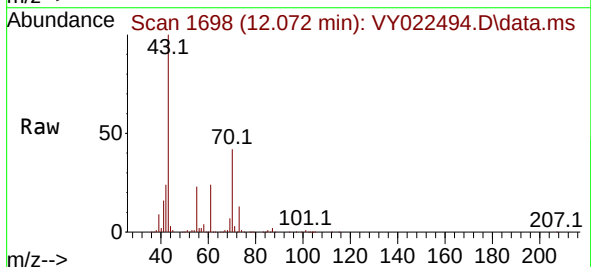
Ion Ratio Lower Upper

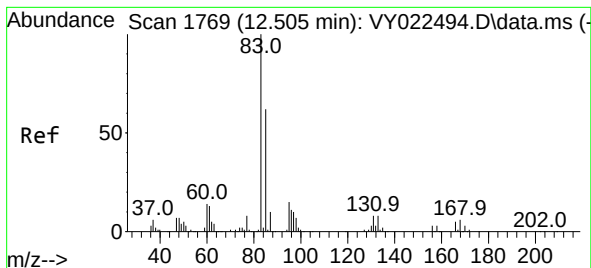
43 100

70 42.7 34.2 51.2

55 22.8 18.2 27.4

61 23.8 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 52.145 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

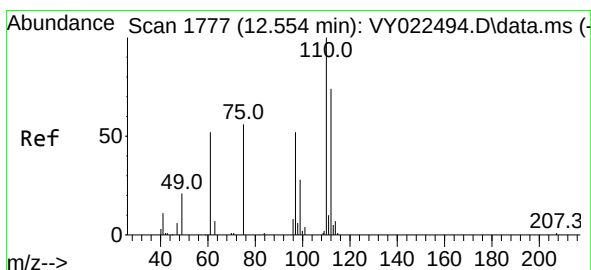
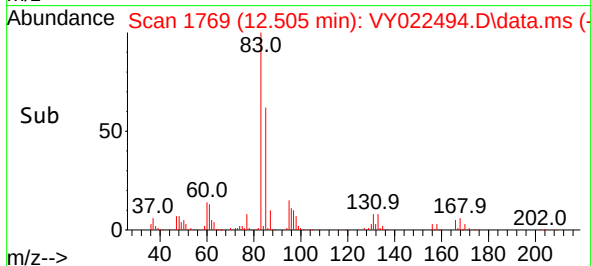
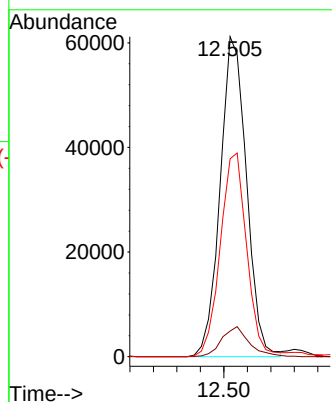
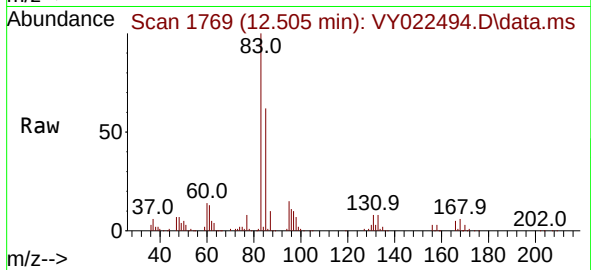
Tgt Ion: 83 Resp: 95218

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 65.2 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 71.836 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY022494.D

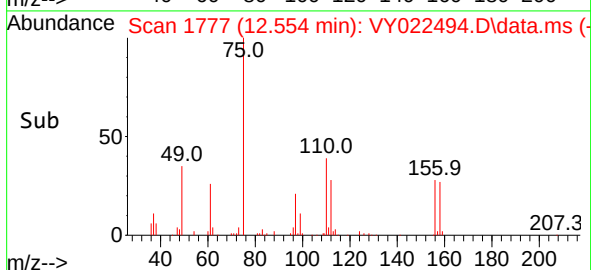
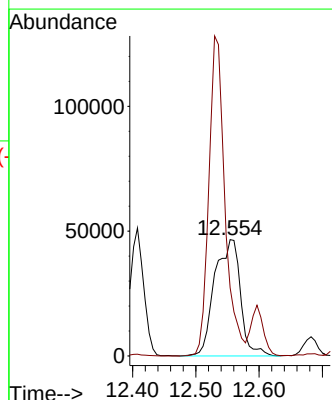
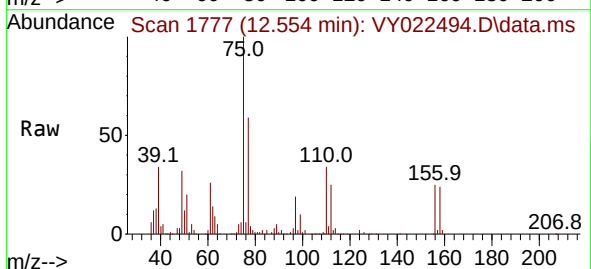
Acq: 02 Jun 2025 12:54

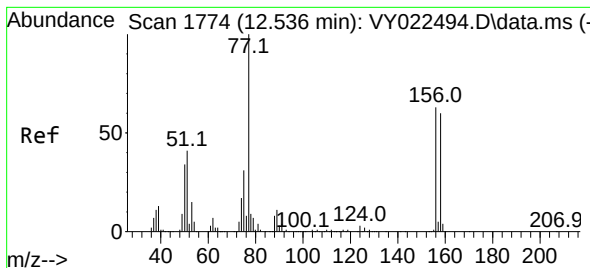
Tgt Ion: 75 Resp: 132344

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.812 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

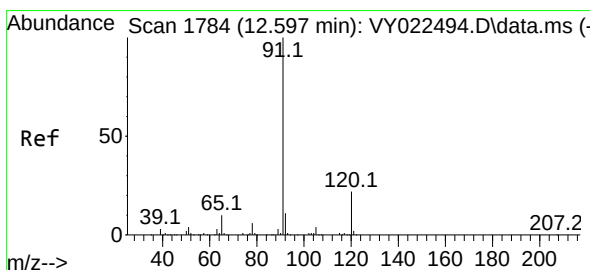
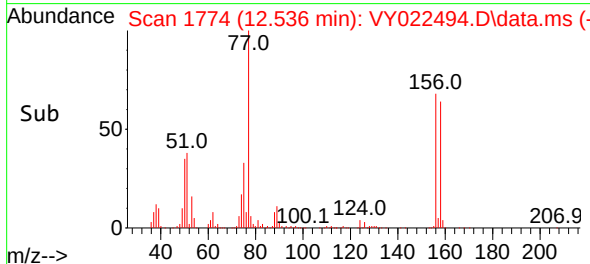
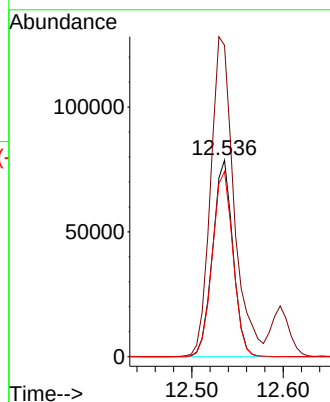
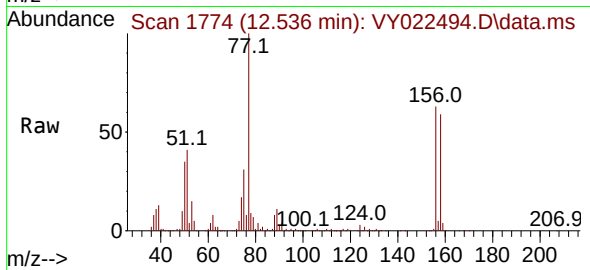
Tgt Ion:156 Resp: 121092

Ion Ratio Lower Upper

156 100

77 188.1 94.0 282.1

158 96.4 48.2 144.6



#78

n-propylbenzene

Concen: 51.667 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022494.D

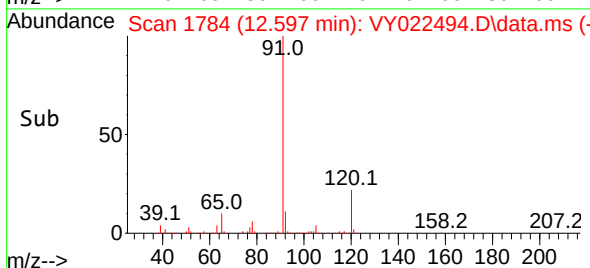
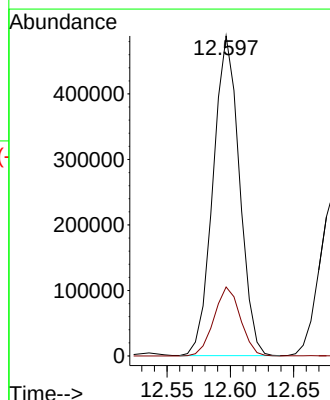
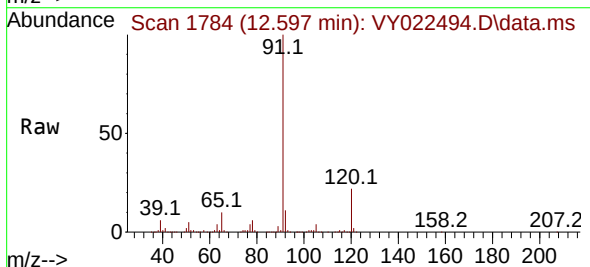
Acq: 02 Jun 2025 12:54

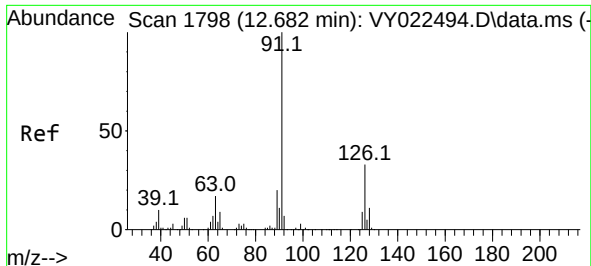
Tgt Ion: 91 Resp: 707143

Ion Ratio Lower Upper

91 100

120 21.6 10.8 32.4

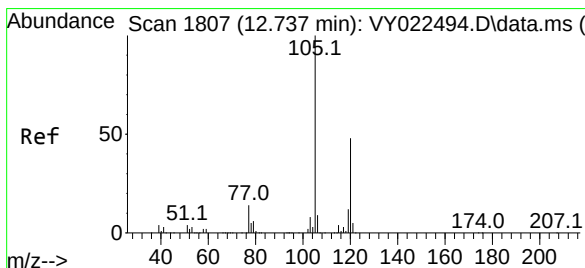
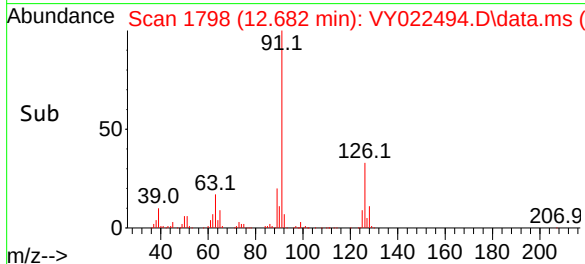
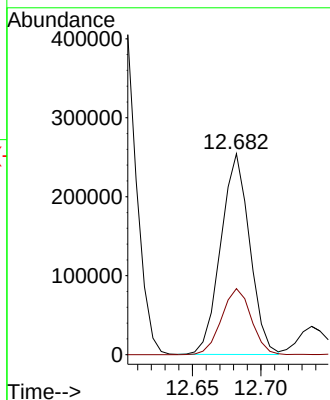
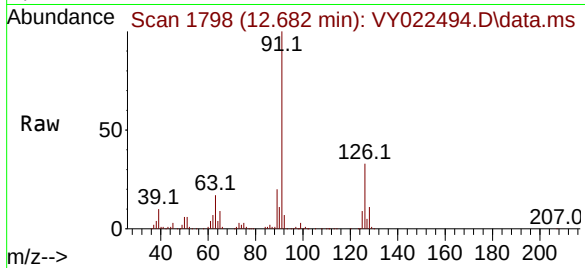




#79
2-Chlorotoluene
Concen: 51.670 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

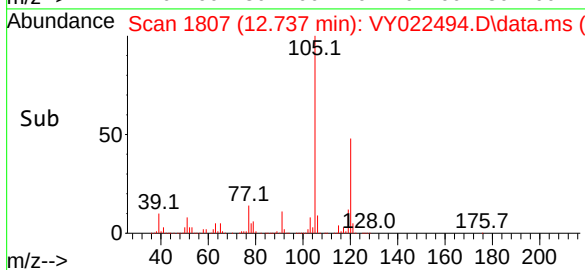
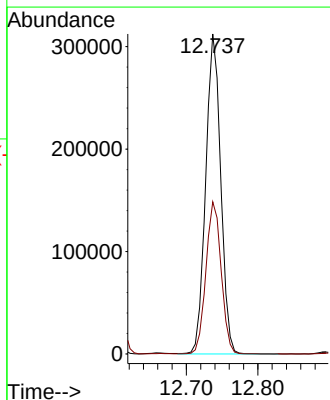
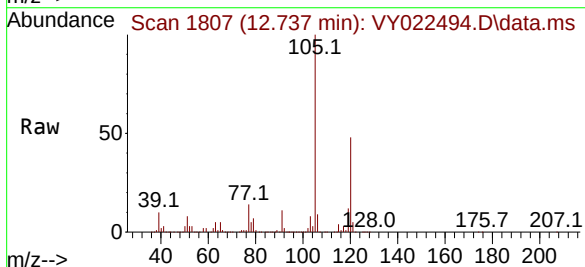
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

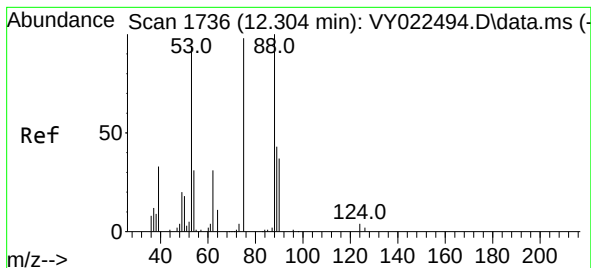
Tgt Ion: 91 Resp: 373402
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 51.754 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion: 105 Resp: 455006
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.4

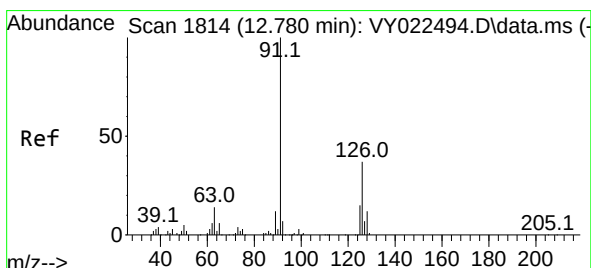
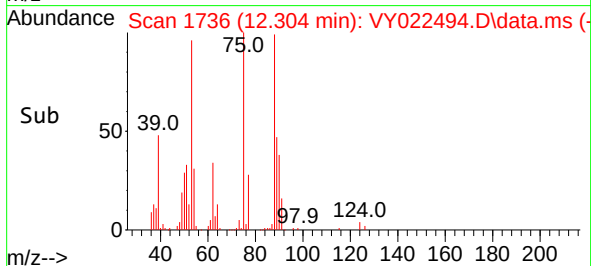
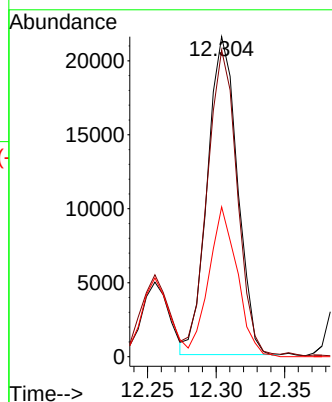
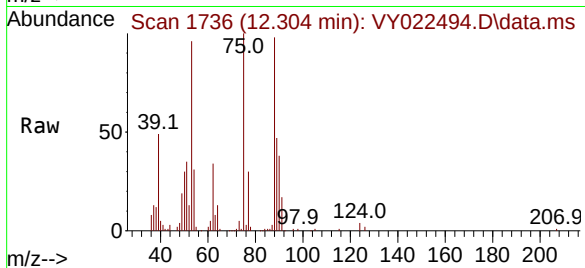




#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.780 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY022494.D
 Acq: 02 Jun 2025 12:54

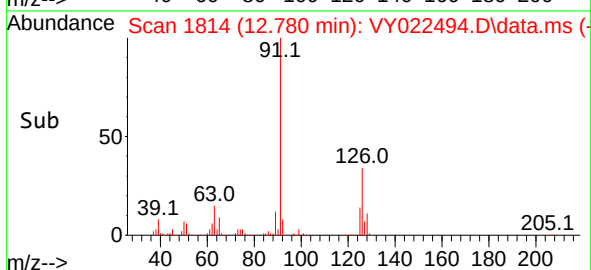
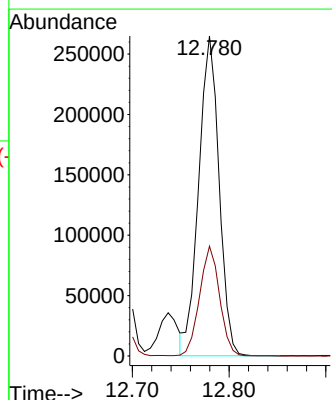
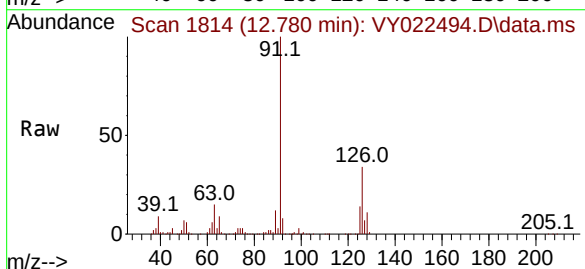
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

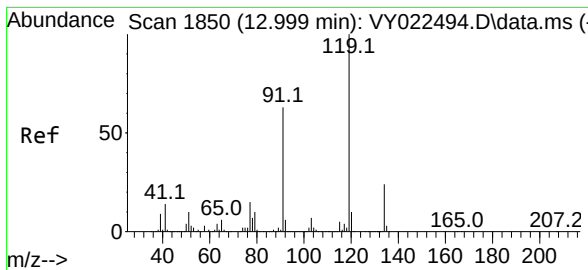
Tgt Ion: 75 Resp: 32630
 Ion Ratio Lower Upper
 75 100
 53 98.1 78.5 117.7
 89 44.6 35.7 53.5



#82
 4-Chlorotoluene
 Concen: 51.710 ug/l
 RT: 12.780 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: VY022494.D
 Acq: 02 Jun 2025 12:54

Tgt Ion: 91 Resp: 387296
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.0 50.9

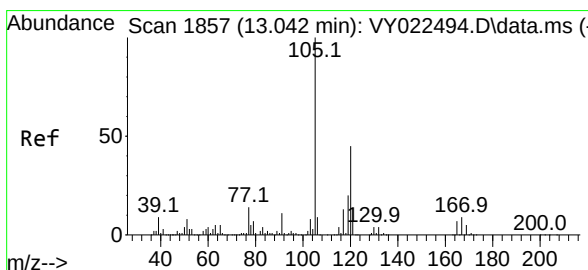
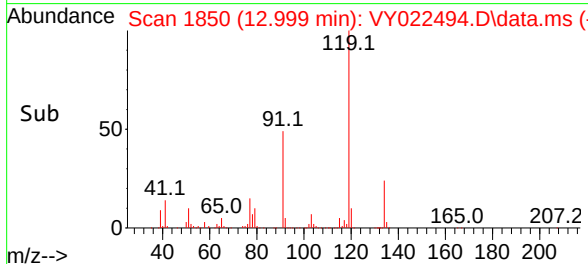
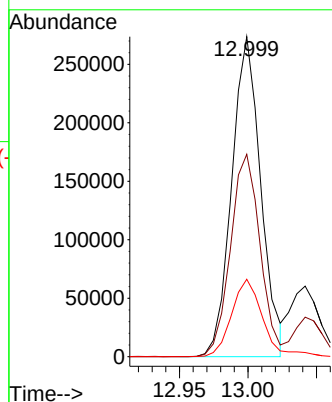
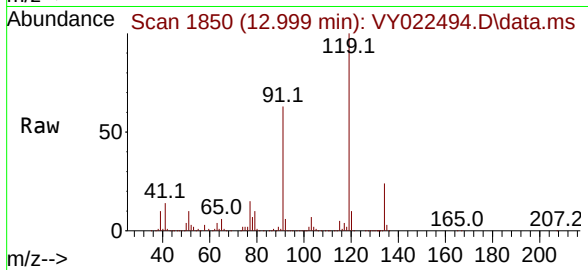




#83
 tert-Butylbenzene
 Concen: 50.438 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY022494.D
 Acq: 02 Jun 2025 12:54

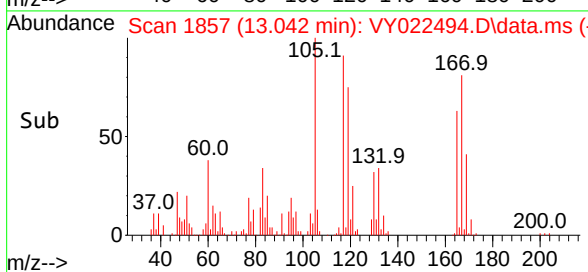
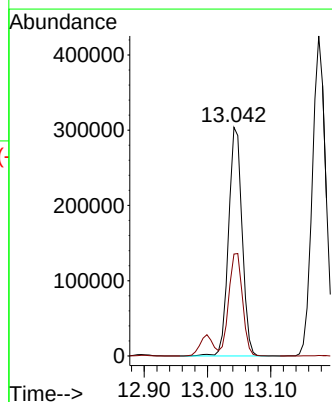
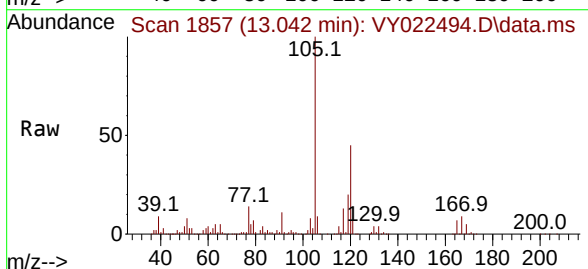
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

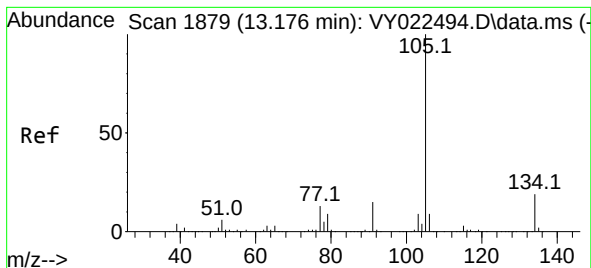
Tgt Ion:119 Resp: 404519
 Ion Ratio Lower Upper
 119 100
 91 64.2 32.1 96.3
 134 25.9 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.088 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022494.D
 Acq: 02 Jun 2025 12:54

Tgt Ion:105 Resp: 449372
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.250 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

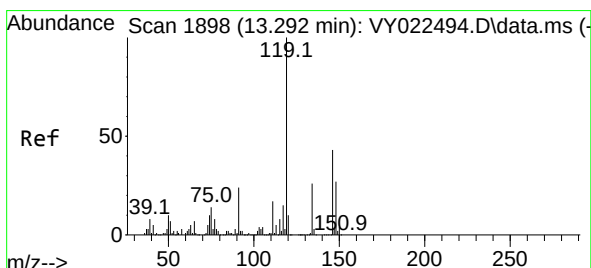
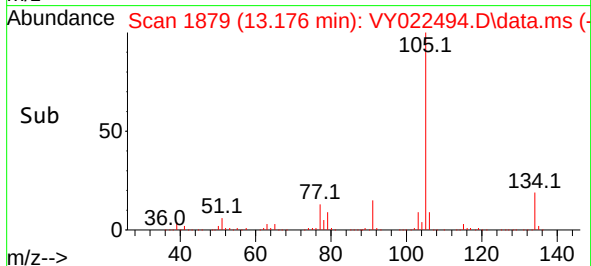
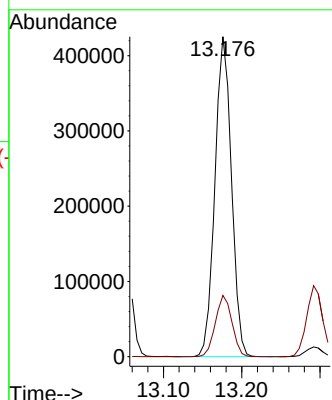
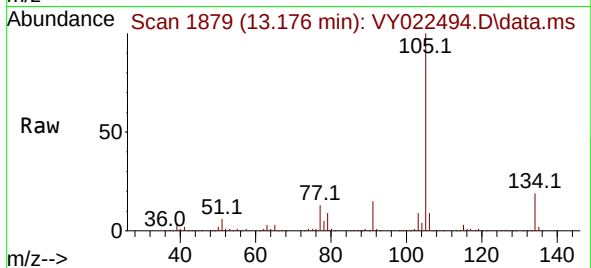
VSTDICCC050

Tgt Ion:105 Resp: 623185

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 51.018 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

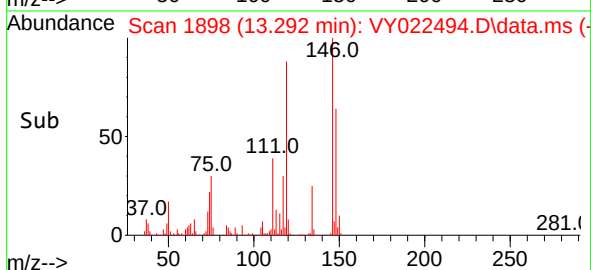
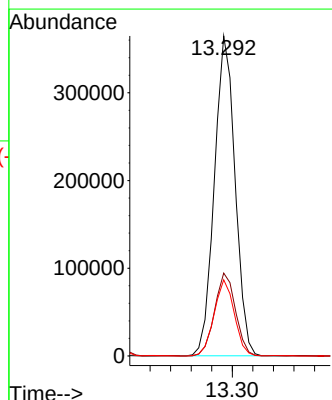
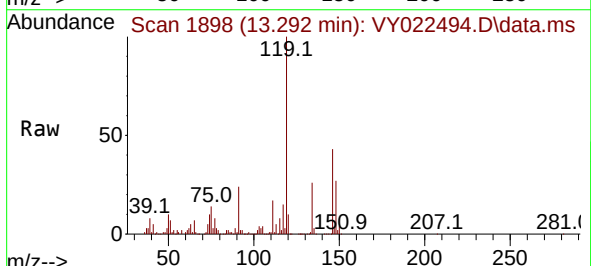
Tgt Ion:119 Resp: 510026

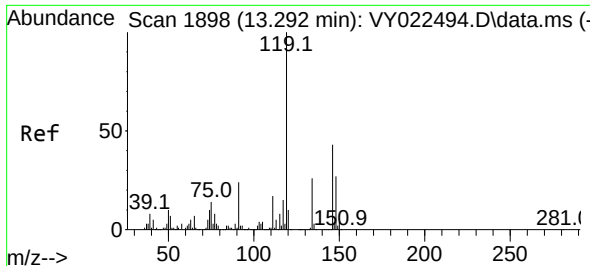
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.2 11.6 34.8

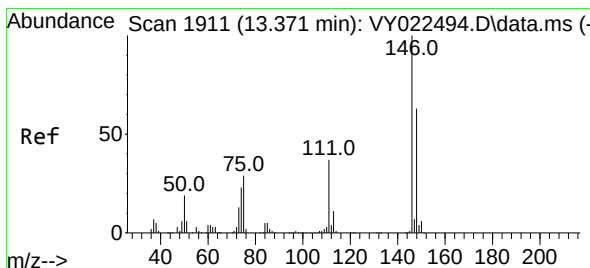
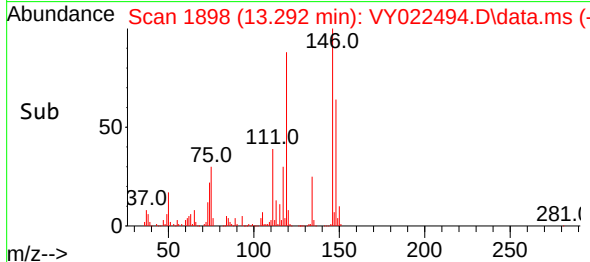
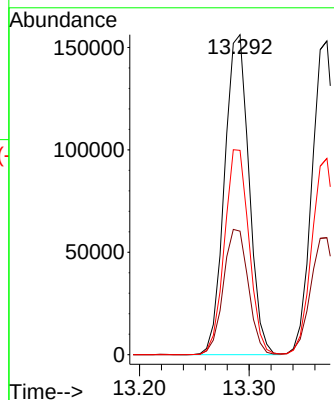
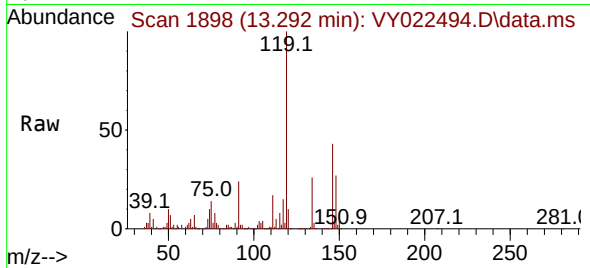




#87
1,3-Dichlorobenzene
Concen: 50.717 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

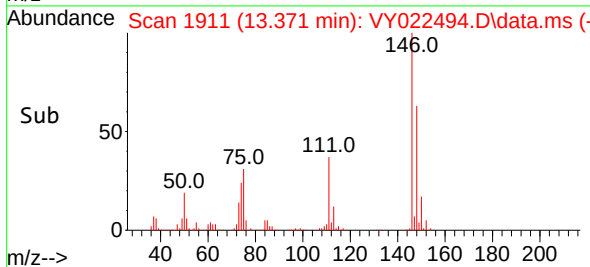
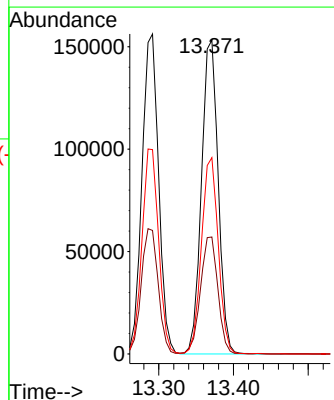
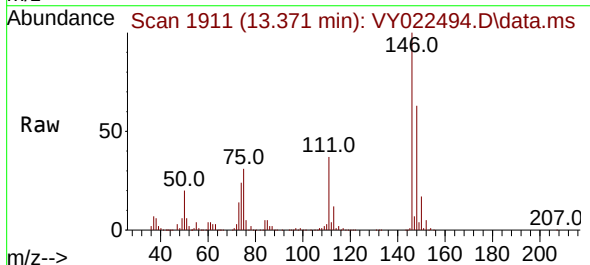
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

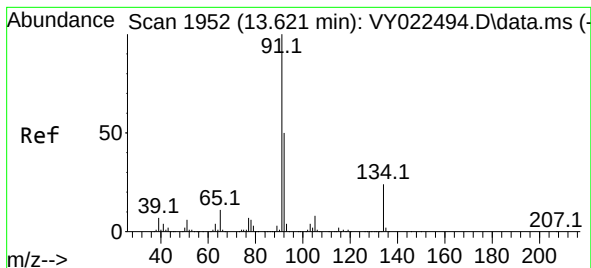
Tgt Ion:146 Resp: 241816
Ion Ratio Lower Upper
146 100
111 40.1 20.1 60.2
148 64.2 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 51.108 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VY022494.D
Acq: 02 Jun 2025 12:54

Tgt Ion:146 Resp: 237429
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.2
148 63.2 31.6 94.8





#89

n-Butylbenzene

Concen: 51.811 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

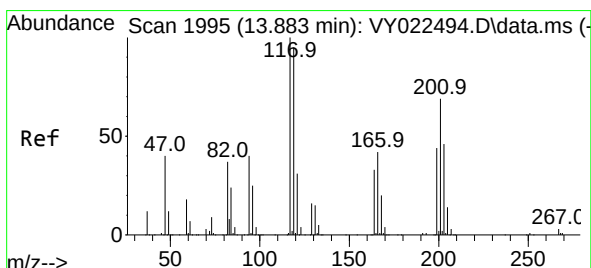
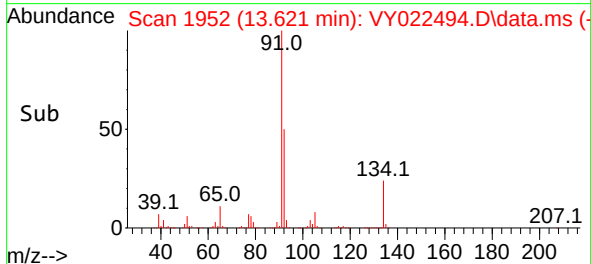
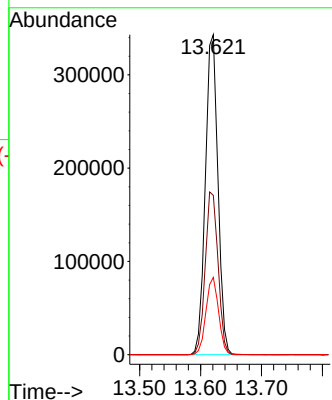
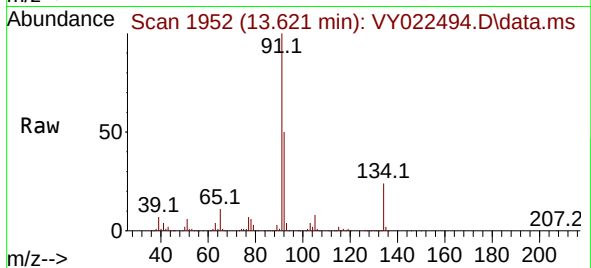
Tgt Ion: 91 Resp: 493153

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

134 24.1 12.0 36.1



#90

Hexachloroethane

Concen: 51.068 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY022494.D

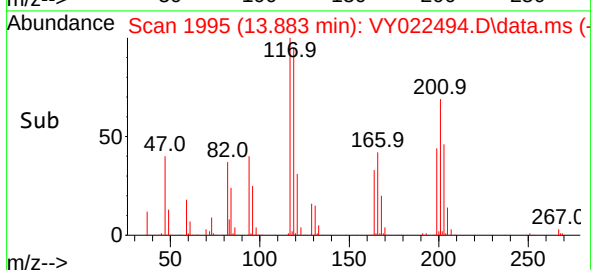
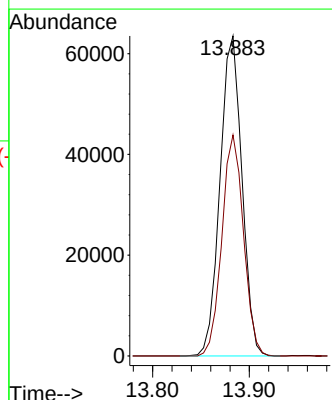
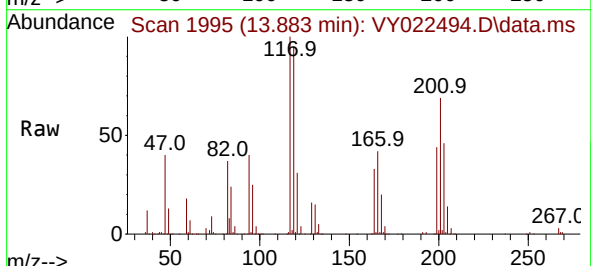
Acq: 02 Jun 2025 12:54

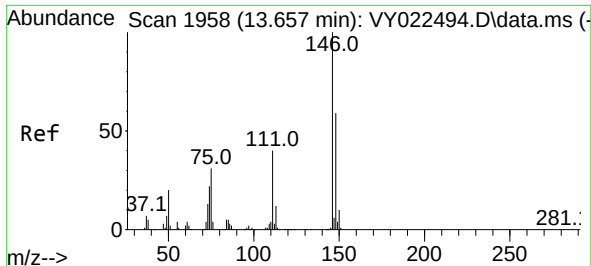
Tgt Ion: 117 Resp: 99901

Ion Ratio Lower Upper

117 100

201 68.0 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 51.528 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

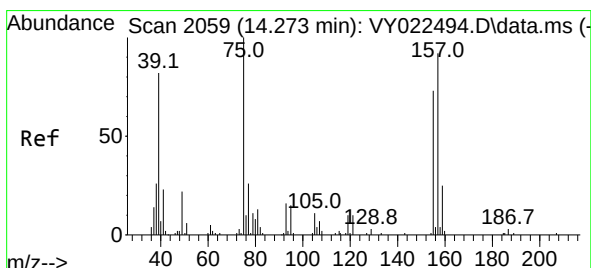
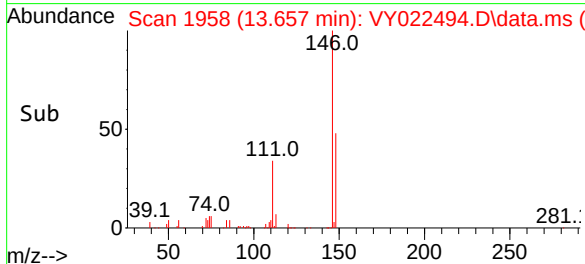
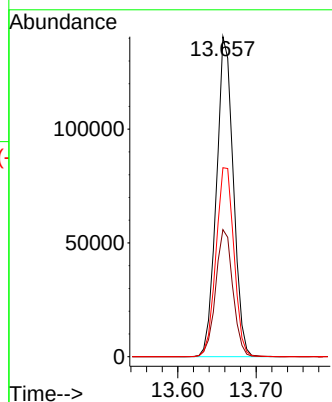
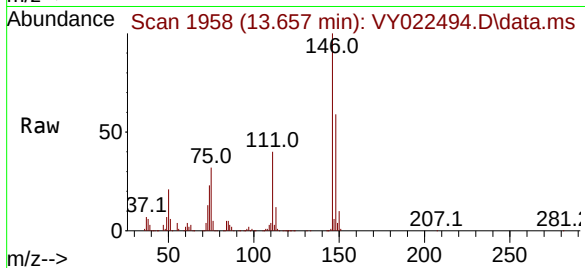
Tgt Ion:146 Resp: 211065

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.6

148 62.7 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.244 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

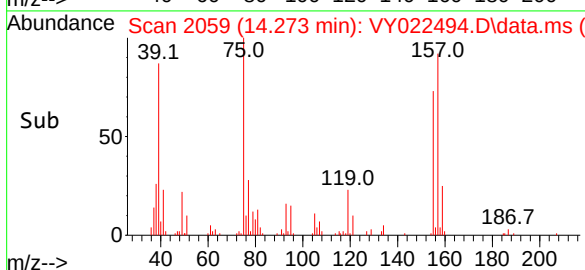
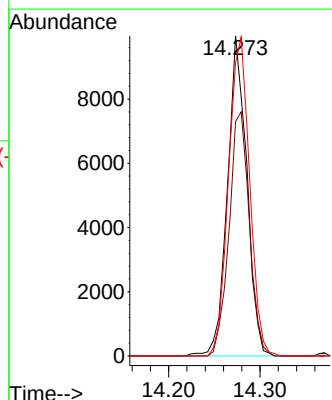
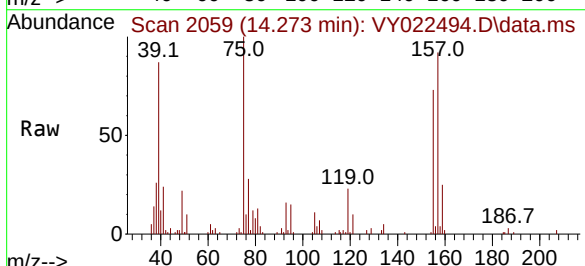
Tgt Ion: 75 Resp: 14697

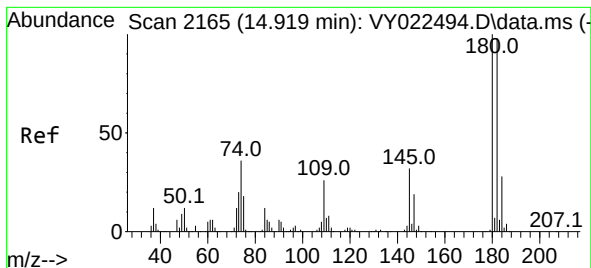
Ion Ratio Lower Upper

75 100

155 79.7 39.9 119.6

157 108.0 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 50.919 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

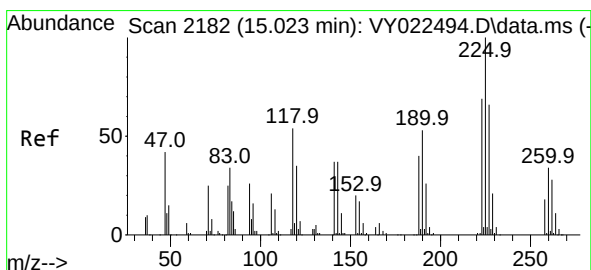
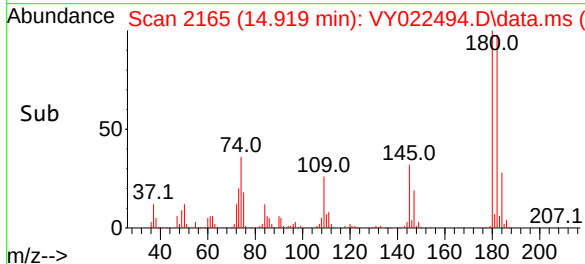
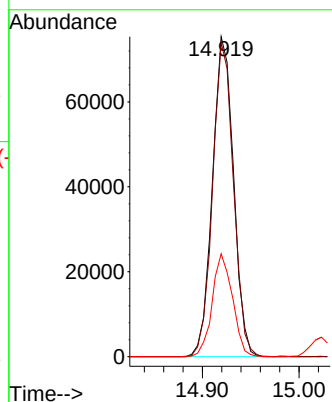
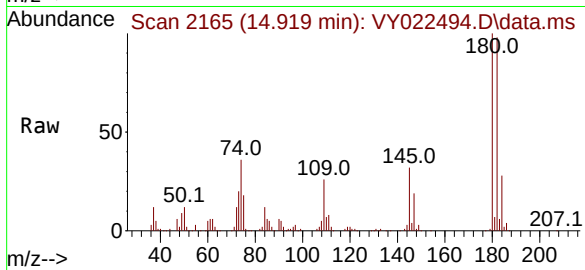
Tgt Ion:180 Resp: 114007

Ion Ratio Lower Upper

180 100

182 96.9 48.4 145.3

145 31.0 15.5 46.5



#94

Hexachlorobutadiene

Concen: 51.054 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

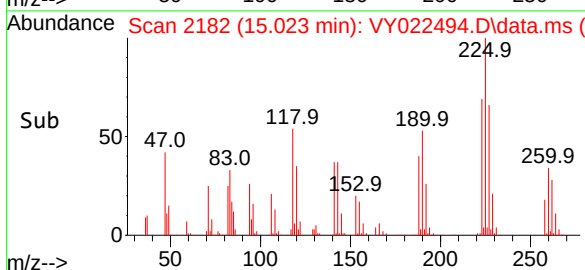
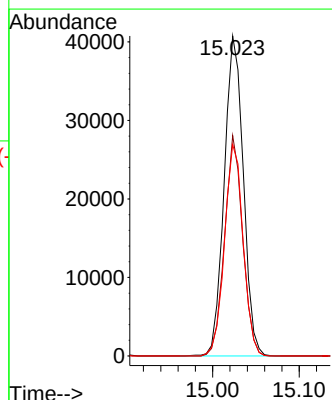
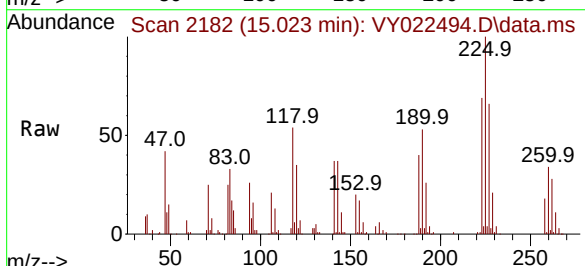
Tgt Ion:225 Resp: 62434

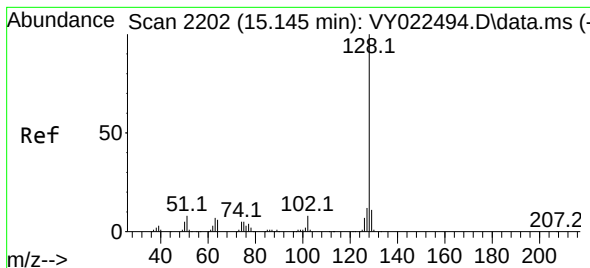
Ion Ratio Lower Upper

225 100

223 64.9 32.5 97.4

227 64.6 32.3 96.9





#95

Naphthalene

Concen: 52.686 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

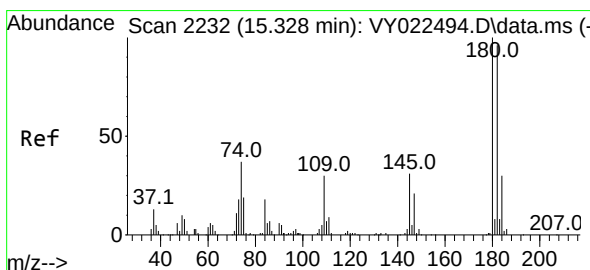
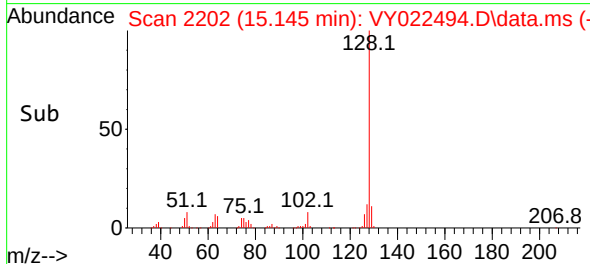
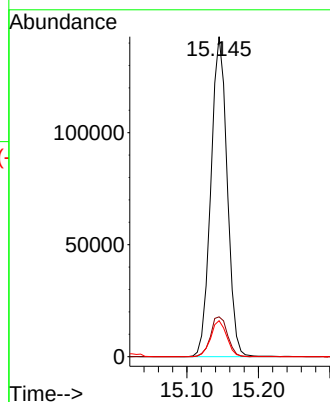
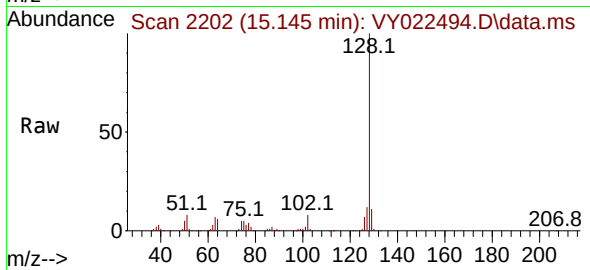
Tgt Ion:128 Resp: 226073

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 51.295 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022494.D

Acq: 02 Jun 2025 12:54

Tgt Ion:180 Resp: 97609

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 30.4 15.2 45.6

