

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070825\
 Data File : VY022968.D
 Acq On : 08 Jul 2025 11:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 09 02:28:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	422213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	699147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	604420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	299896	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	229651	48.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.460%
35) Dibromofluoromethane	7.634	113	210270	49.453	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.900%
50) Toluene-d8	10.103	98	836224	49.563	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.402	95	269321	49.655	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	149623	41.443	ug/l	98
3) Chloromethane	2.062	50	343616	49.842	ug/l	99
4) Vinyl Chloride	2.202	62	407515	47.314	ug/l	99
5) Bromomethane	2.592	94	322765	47.667	ug/l	99
6) Chloroethane	2.733	64	282805	48.847	ug/l	96
7) Trichlorofluoromethane	3.050	101	444726	46.632	ug/l	98
8) Diethyl Ether	3.452	74	114921	48.788	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	205556	47.163	ug/l	98
10) Methyl Iodide	4.001	142	229777	48.422	ug/l	100
11) Tert butyl alcohol	4.891	59	73729	235.303	ug/l	98
12) 1,1-Dichloroethene	3.787	96	200956	47.023	ug/l	96
13) Acrolein	3.653	56	35675	83.964	ug/l	98
14) Allyl chloride	4.379	41	328644	49.997	ug/l	93
15) Acrylonitrile	5.061	53	258033	262.553	ug/l	99
16) Acetone	3.879	43	257814	289.462	ug/l	99
17) Carbon Disulfide	4.104	76	619895	44.901	ug/l	98
18) Methyl Acetate	4.391	43	149302	50.618	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	580175	49.858	ug/l	98
20) Methylene Chloride	4.610	84	269514	47.915	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	229798	47.049	ug/l	99
22) Diisopropyl ether	6.019	45	751423	51.474	ug/l	97
23) Vinyl Acetate	5.958	43	2119466	262.885	ug/l	99
24) 1,1-Dichloroethane	5.915	63	436629	49.518	ug/l	100
25) 2-Butanone	6.896	43	349329	269.483	ug/l	100
26) 2,2-Dichloropropane	6.884	77	374240	50.632	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	270604	47.679	ug/l	98
28) Bromochloromethane	7.244	49	191649	51.699	ug/l	98
29) Tetrahydrofuran	7.262	42	212839	260.023	ug/l	99
30) Chloroform	7.421	83	441657	48.631	ug/l	97
31) Cyclohexane	7.701	56	380221	46.976	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	380935	48.538	ug/l	99
36) 1,1-Dichloropropene	7.835	75	315647	48.977	ug/l	100
37) Ethyl Acetate	6.982	43	147325	52.975	ug/l	98
38) Carbon Tetrachloride	7.817	117	332658	48.919	ug/l	98
39) Methylcyclohexane	9.109	83	407044	48.805	ug/l	98
40) Benzene	8.079	78	981522	49.535	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	78090	45.611	ug/l #	91
42) 1,2-Dichloroethane	8.158	62	274470	50.549	ug/l	98
43) Isopropyl Acetate	8.195	43	298943	51.720	ug/l	98
44) Trichloroethene	8.866	130	242274	48.699	ug/l	97
45) 1,2-Dichloropropane	9.140	63	235525	50.787	ug/l	98
46) Dibromomethane	9.231	93	128619	48.856	ug/l	97
47) Bromodichloromethane	9.420	83	337139	49.662	ug/l	99
48) Methyl methacrylate	9.219	41	147422	53.055	ug/l	95
49) 1,4-Dioxane	9.238	88	29112	935.983	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	805586	274.263	ug/l	96
52) Toluene	10.170	92	624132	49.927	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	310743	50.875	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	361870	51.096	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	171246	50.234	ug/l	96
56) Ethyl methacrylate	10.438	69	242187	52.806	ug/l	96
57) 1,3-Dichloropropane	10.713	76	302943	50.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	603617	250.384	ug/l	100
59) 2-Hexanone	10.762	43	553668	277.252	ug/l	98
60) Dibromochloromethane	10.908	129	219069	49.752	ug/l	99
61) 1,2-Dibromoethane	11.012	107	161320	50.571	ug/l	96
64) Tetrachloroethene	10.646	164	271407	47.532	ug/l	97
65) Chlorobenzene	11.438	112	658562	49.587	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	218679	48.613	ug/l	98
67) Ethyl Benzene	11.518	91	1173329	50.283	ug/l	100
68) m/p-Xylenes	11.627	106	909491	100.827	ug/l	99
69) o-Xylene	11.950	106	427017	50.241	ug/l	99
70) Styrene	11.969	104	722455	50.745	ug/l	100
71) Bromoform	12.127	173	126644	50.562	ug/l #	98
73) Isopropylbenzene	12.249	105	1106215	49.876	ug/l	99
74) N-amyl acetate	12.066	43	276141	55.468	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	186145	52.075	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	264331	86.335	ug/l #	100
77) Bromobenzene	12.530	156	244775	48.689	ug/l	98
78) n-propylbenzene	12.591	91	1361710	50.851	ug/l	99
79) 2-Chlorotoluene	12.676	91	752647	49.747	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	903028	50.436	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	64957	53.600	ug/l	98
82) 4-Chlorotoluene	12.773	91	784229	49.348	ug/l	100
83) tert-Butylbenzene	12.993	119	816569	51.713	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	909008	50.709	ug/l	100
85) sec-Butylbenzene	13.170	105	1212780	51.047	ug/l	100
86) p-Isopropyltoluene	13.286	119	1009710	51.071	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	501096	49.630	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	490881	48.945	ug/l	100
89) n-Butylbenzene	13.615	91	958353	51.532	ug/l	99
90) Hexachloroethane	13.877	117	196196	49.824	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	436344	49.040	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	30913	50.996	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	241936	48.159	ug/l	98
94) Hexachlorobutadiene	15.023	225	134640	47.395	ug/l	98
95) Naphthalene	15.139	128	456314	50.229	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	207639	47.831	ug/l	98

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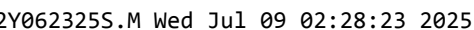
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

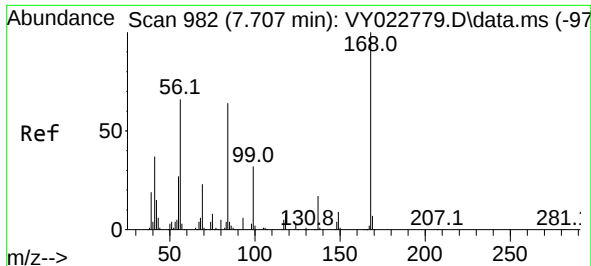
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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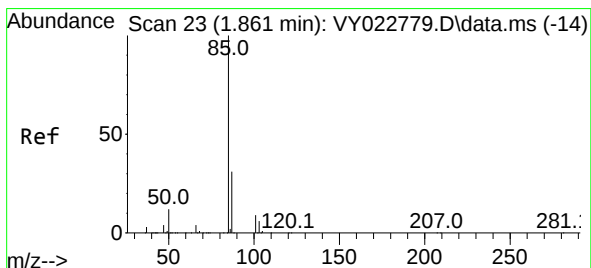
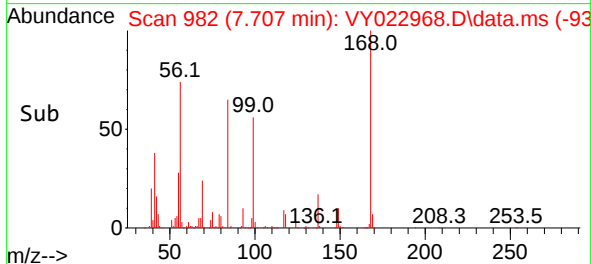
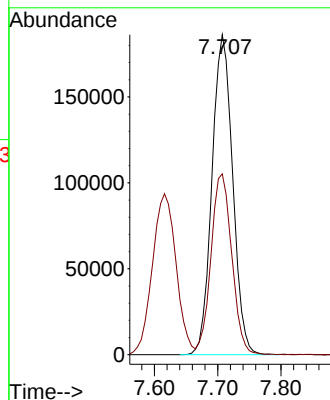
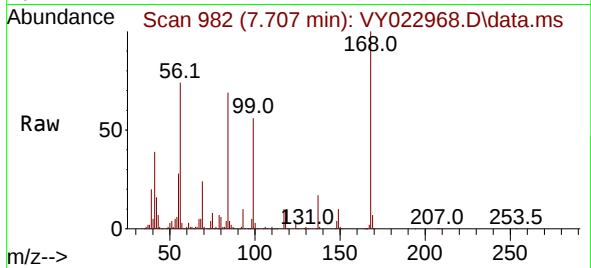




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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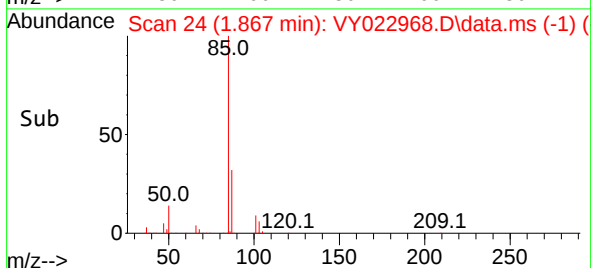
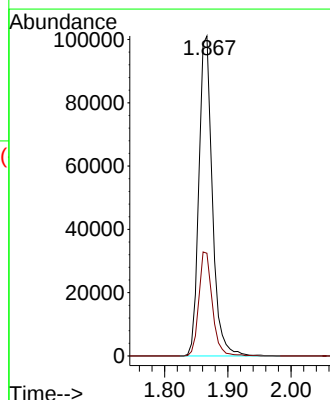
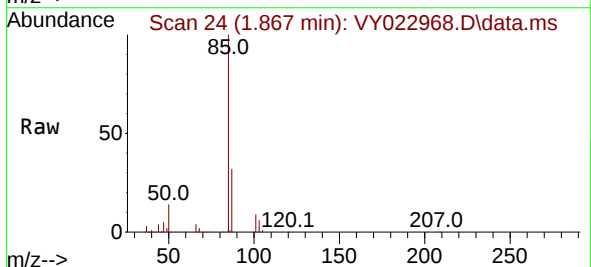
Instrument :
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VSTDCCC050

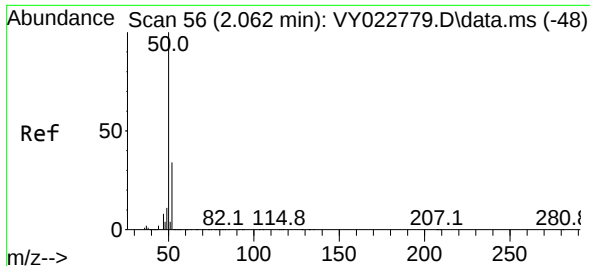
Tgt Ion:168 Resp: 422213
Ion Ratio Lower Upper
168 100
99 56.4 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 41.443 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 85 Resp: 149623
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.0

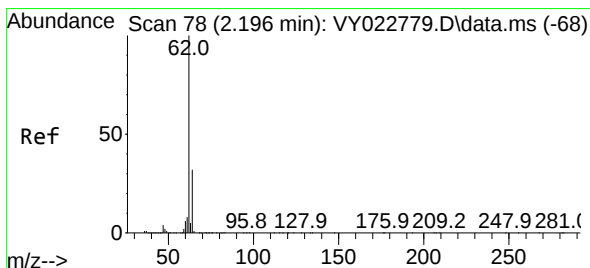
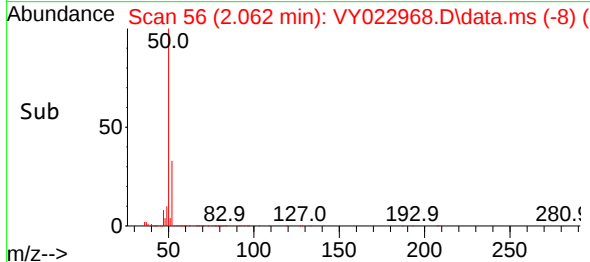
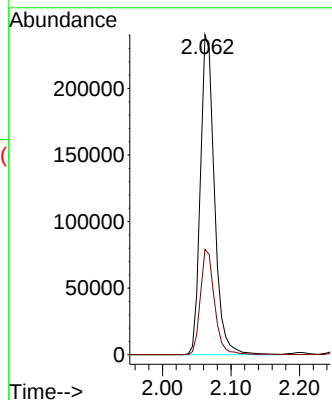
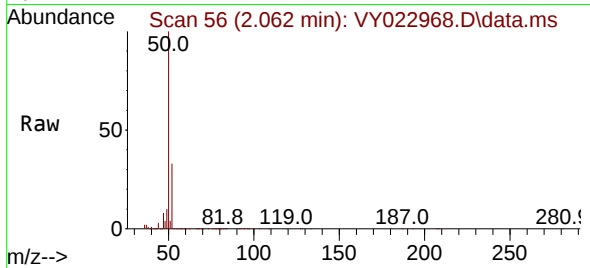




#3
Chloromethane
Concen: 49.842 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

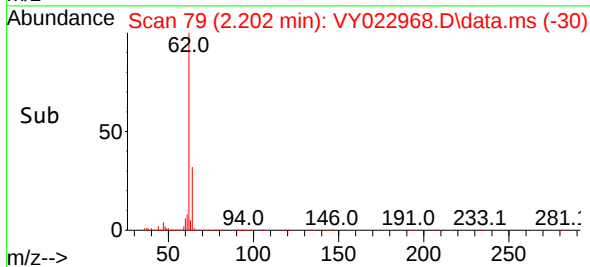
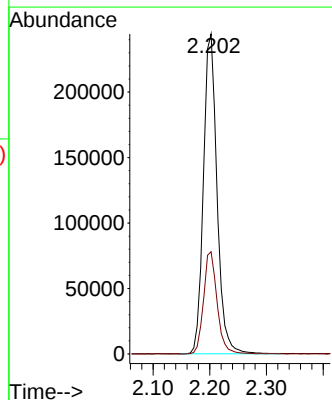
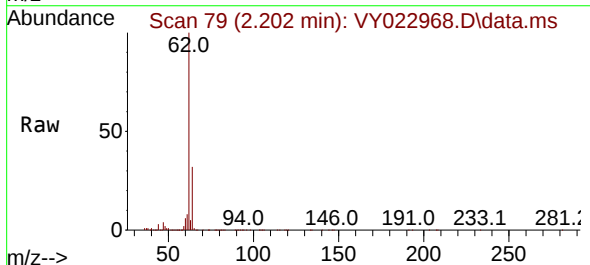
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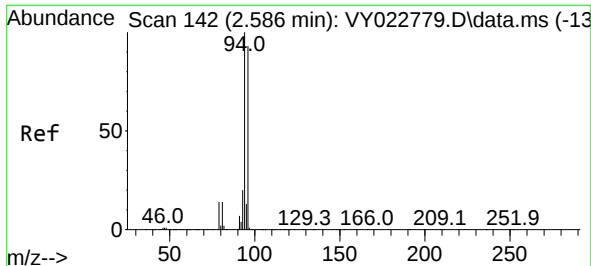
Tgt Ion: 50 Resp: 343616
Ion Ratio Lower Upper
50 100
52 32.9 26.0 39.0



#4
Vinyl Chloride
Concen: 47.314 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 62 Resp: 407515
Ion Ratio Lower Upper
62 100
64 32.0 25.3 37.9

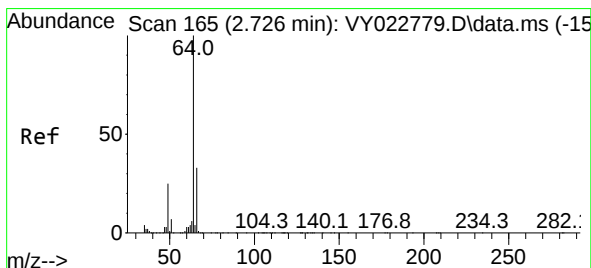
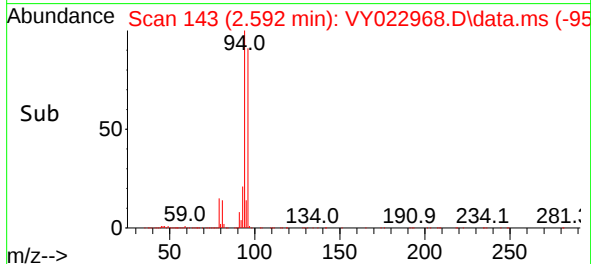
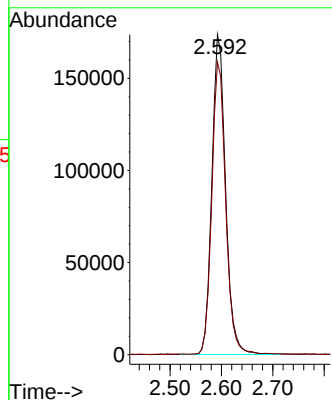
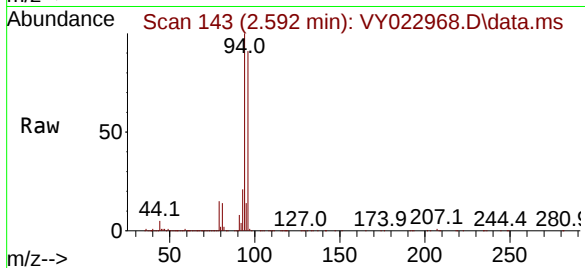




#5
Bromomethane
Concen: 47.667 ug/l
RT: 2.592 min Scan# 142
Delta R.T. -0.006 min
Lab File: VY022968.D
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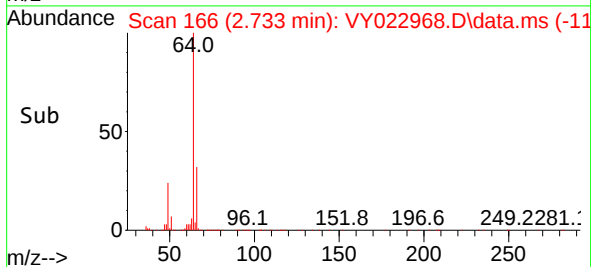
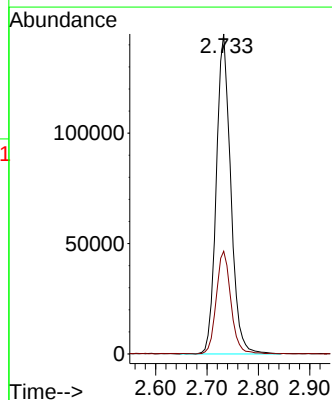
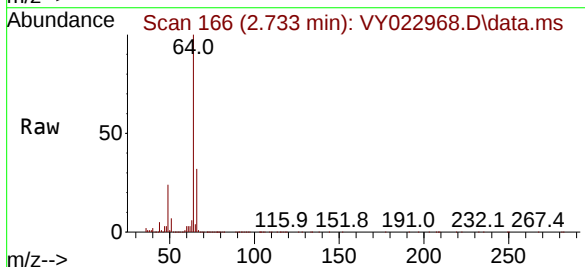
Instrument :
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Tgt Ion: 94 Resp: 322765
Ion Ratio Lower Upper
94 100
96 91.3 74.0 111.0



#6
Chloroethane
Concen: 48.847 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 64 Resp: 282805
Ion Ratio Lower Upper
64 100
66 32.0 23.8 35.6

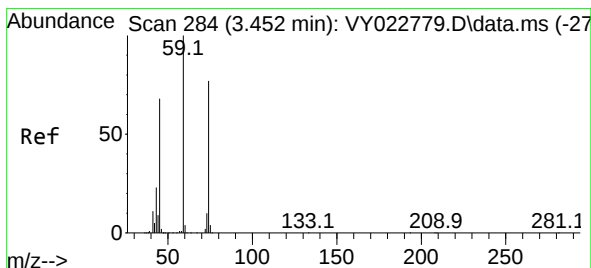
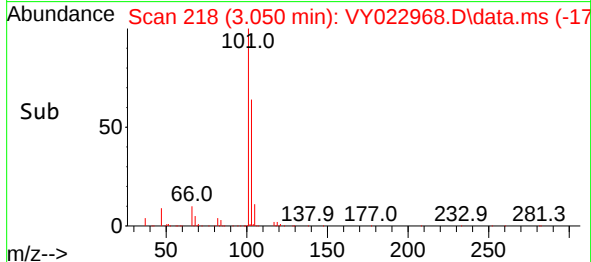
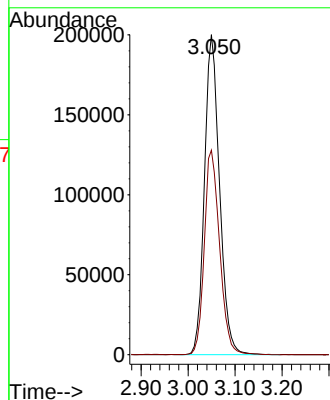
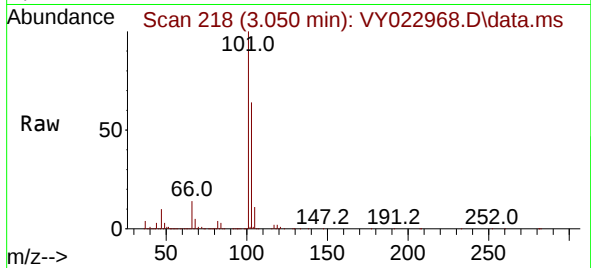




#7
 Trichlorofluoromethane
 Concen: 46.632 ug/l
 RT: 3.050 min Scan# 217
 Delta R.T. -0.006 min
 Lab File: VY022968.D
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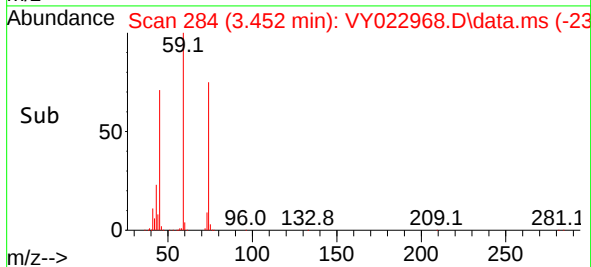
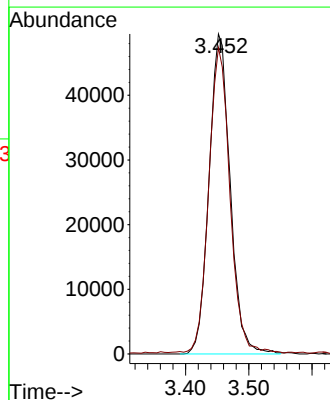
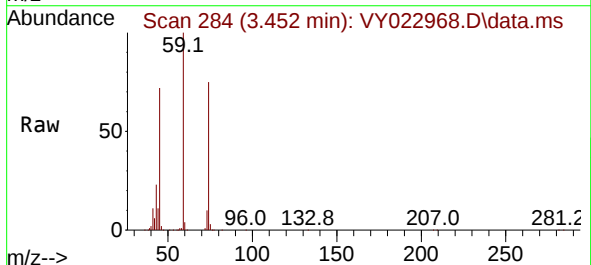
Instrument :
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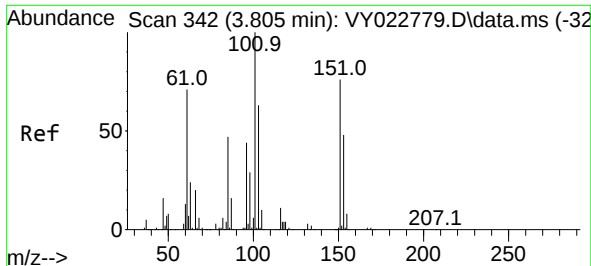
Tgt Ion:101 Resp: 444726
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.2 78.2



#8
 Diethyl Ether
 Concen: 48.788 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.012 min
 Lab File: VY022968.D
 Acq: 08 Jul 2025 11:15

Tgt Ion: 74 Resp: 114921
 Ion Ratio Lower Upper
 74 100
 45 95.7 45.9 137.6

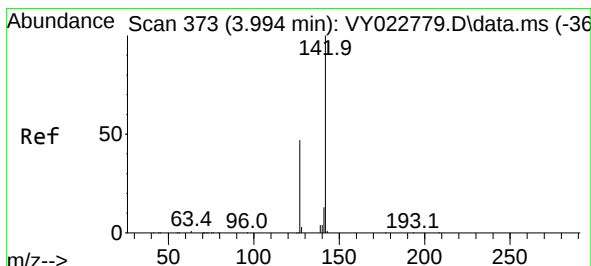
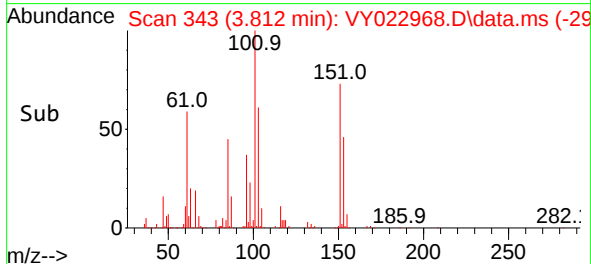
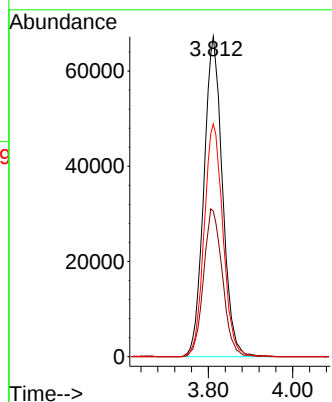
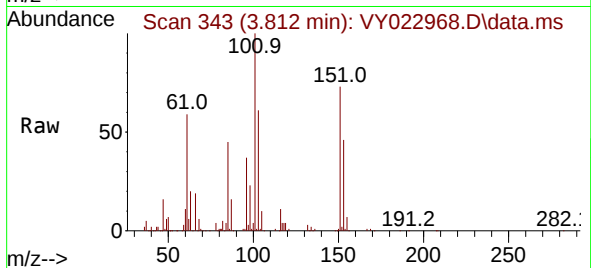




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.163 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

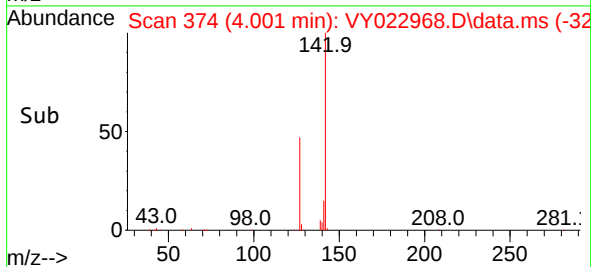
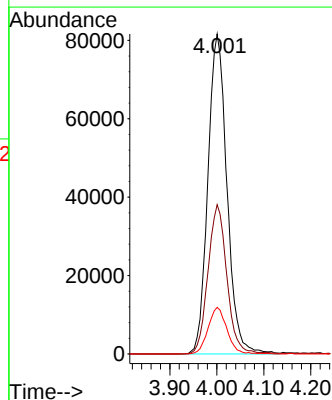
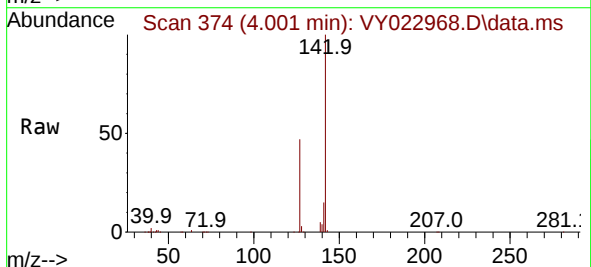
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 205556
Ion Ratio Lower Upper
101 100
85 46.9 39.3 58.9
151 73.6 57.8 86.8



#10
Methyl Iodide
Concen: 48.422 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion:142 Resp: 229777
Ion Ratio Lower Upper
142 100
127 46.4 37.1 55.7
141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 235.303 ug/l

RT: 4.891 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

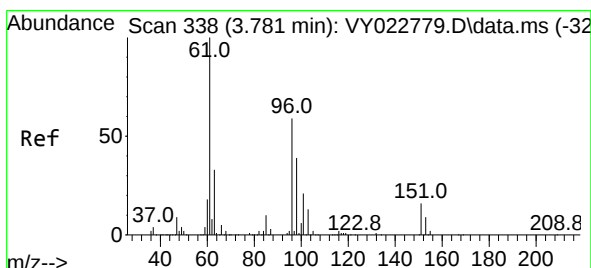
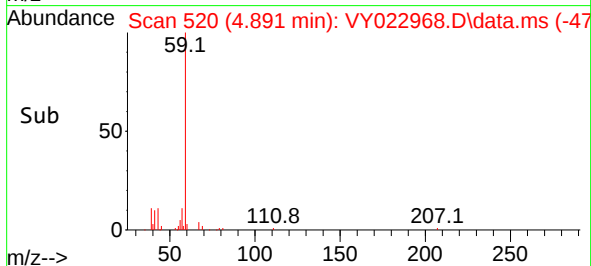
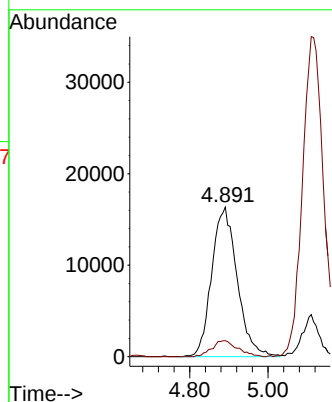
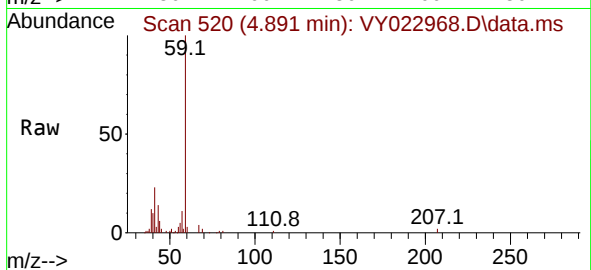
VSTDCCC050

Tgt Ion: 59 Resp: 73729

Ion Ratio Lower Upper

59 100

57 10.9 8.0 12.0



#12

1,1-Dichloroethene

Concen: 47.023 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.012 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

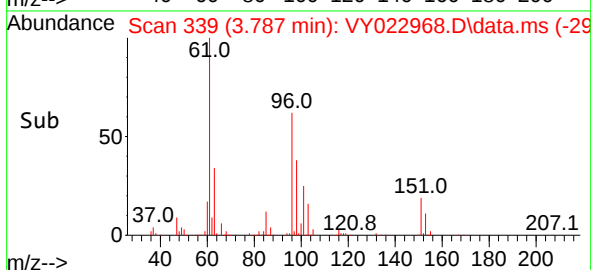
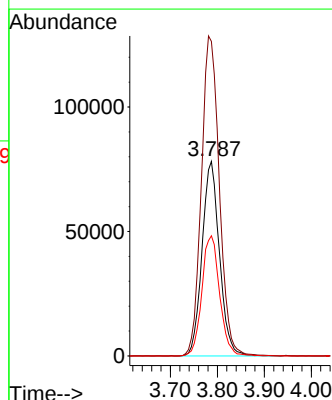
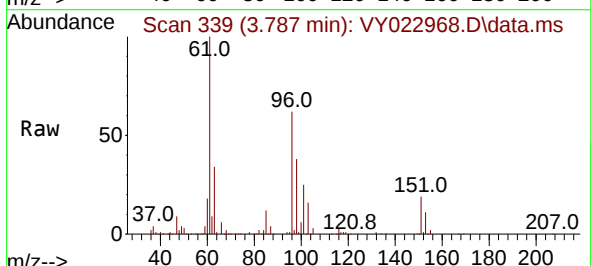
Tgt Ion: 96 Resp: 200956

Ion Ratio Lower Upper

96 100

61 161.6 134.6 201.8

98 61.8 50.2 75.4

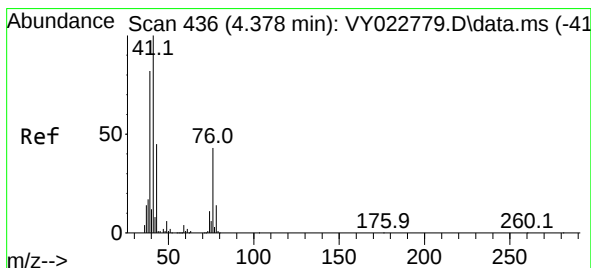
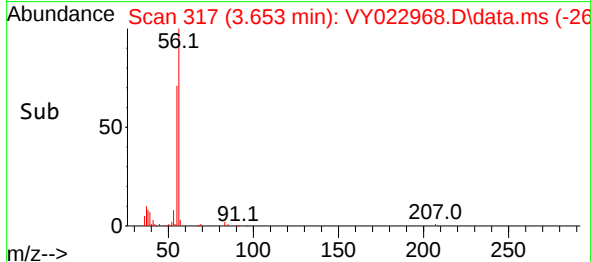
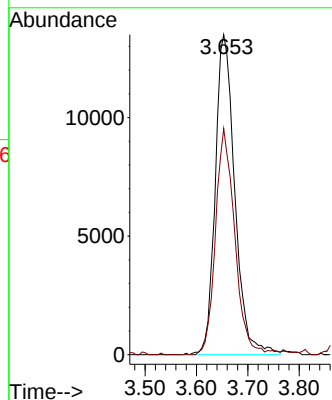
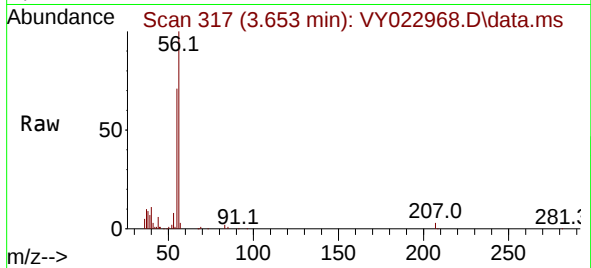




#13
Acrolein
Concen: 83.964 ug/l
RT: 3.653 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

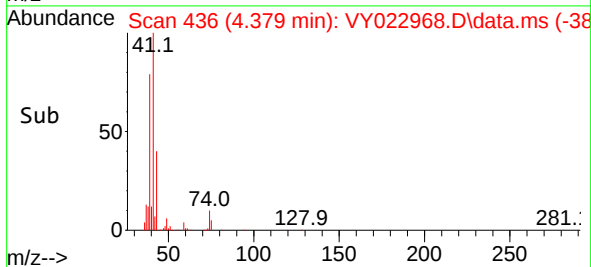
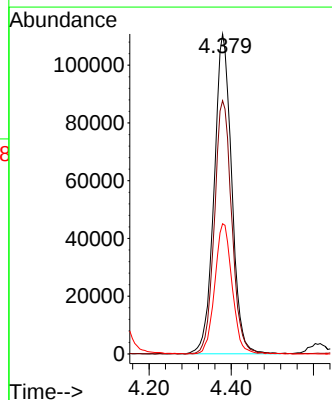
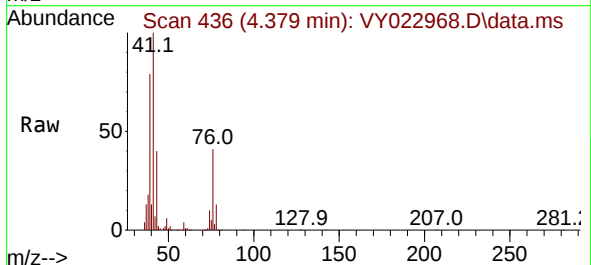
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

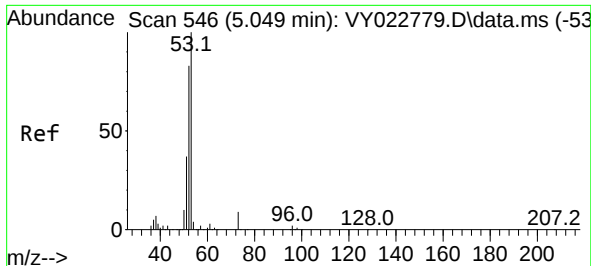
Tgt Ion: 56 Resp: 35675
Ion Ratio Lower Upper
56 100
55 69.4 57.0 85.6



#14
Allyl chloride
Concen: 49.997 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 41 Resp: 328644
Ion Ratio Lower Upper
41 100
39 78.4 69.1 103.7
76 40.1 33.5 50.3

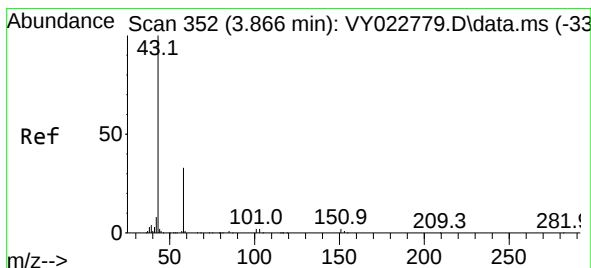
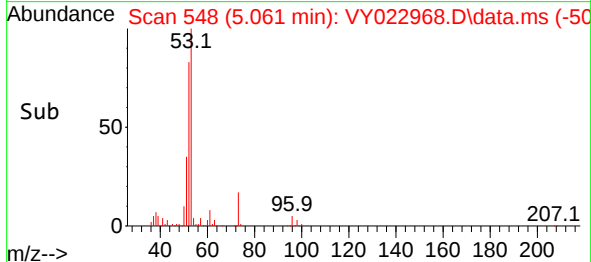
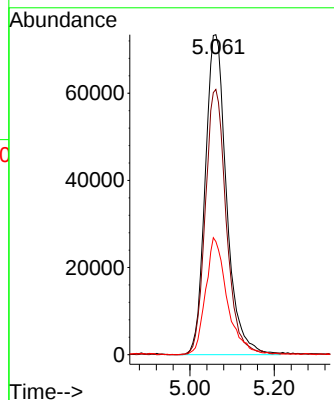
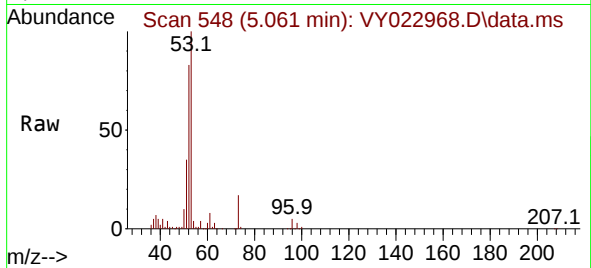




#15
Acrylonitrile
Concen: 262.553 ug/l
RT: 5.061 min Scan# 546
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

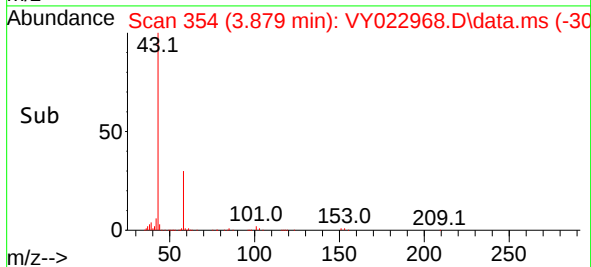
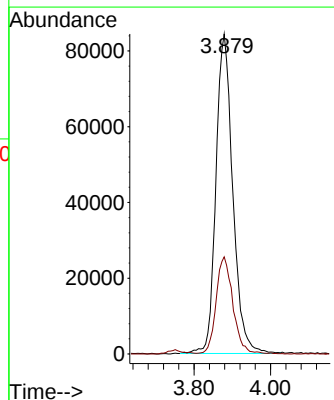
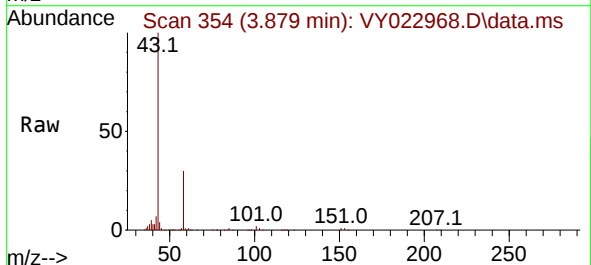
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

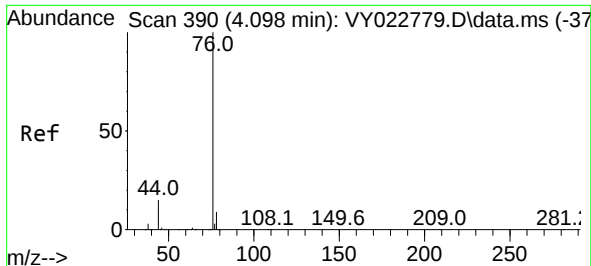
Tgt Ion: 53 Resp: 258033
Ion Ratio Lower Upper
53 100
52 81.6 65.7 98.5
51 37.2 30.1 45.1



#16
Acetone
Concen: 289.462 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 43 Resp: 257814
Ion Ratio Lower Upper
43 100
58 30.3 24.0 36.0

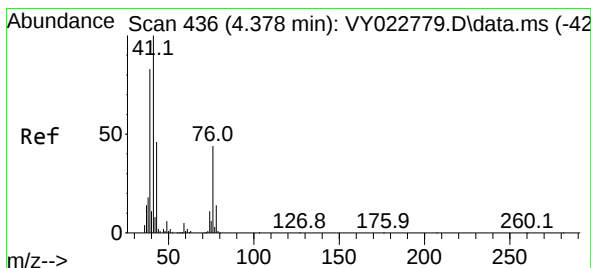
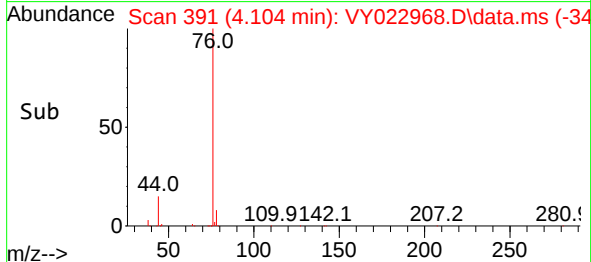
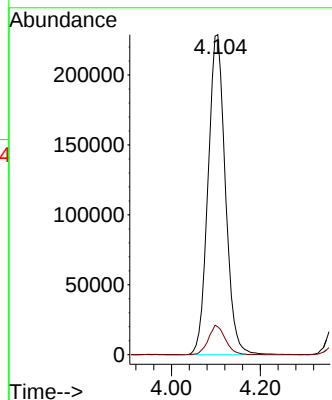
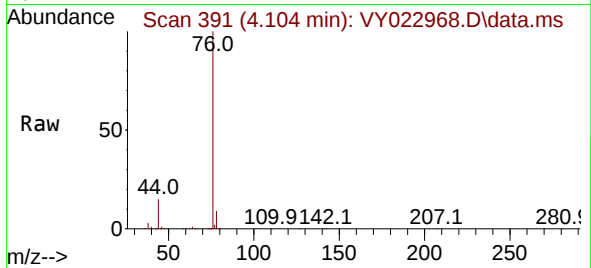




#17
Carbon Disulfide
Concen: 44.901 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

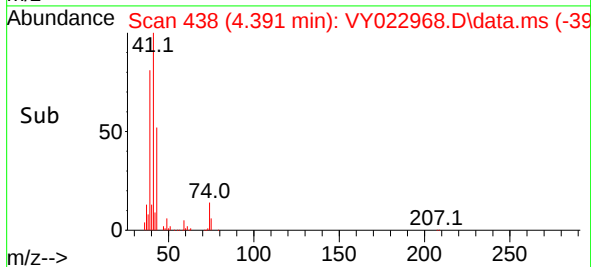
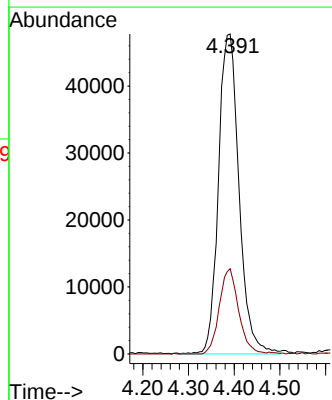
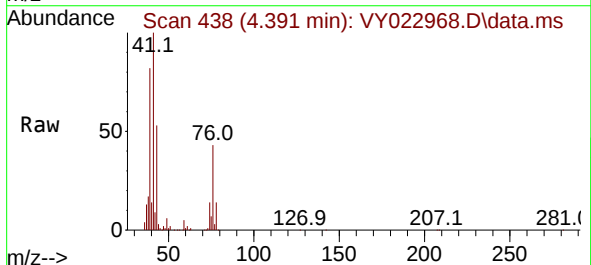
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 619895
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 50.618 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 43 Resp: 149302
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 49.858 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

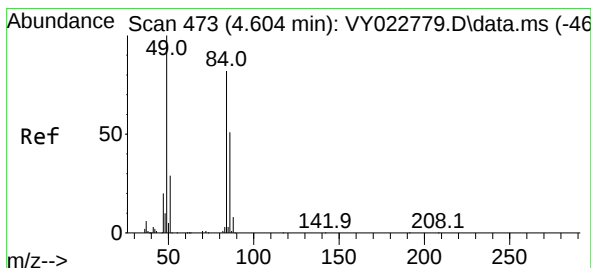
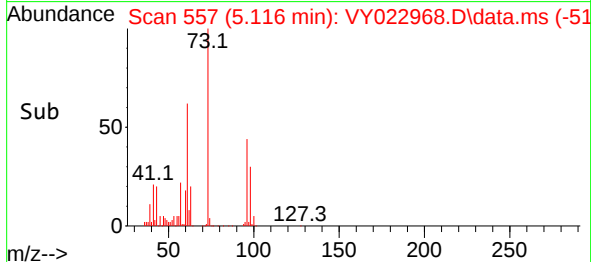
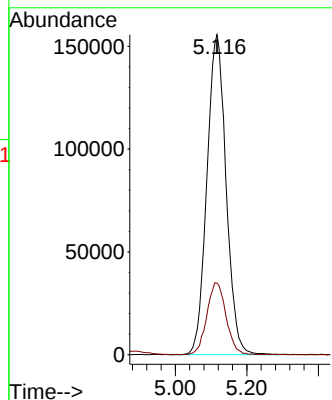
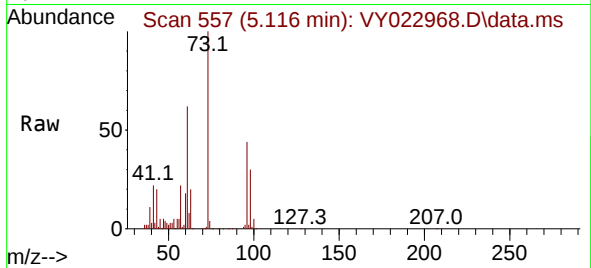
VSTDCCC050

Tgt Ion: 73 Resp: 580175

Ion Ratio Lower Upper

73 100

57 22.4 17.4 26.0



#20

Methylene Chloride

Concen: 47.915 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.012 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Tgt Ion: 84 Resp: 269514

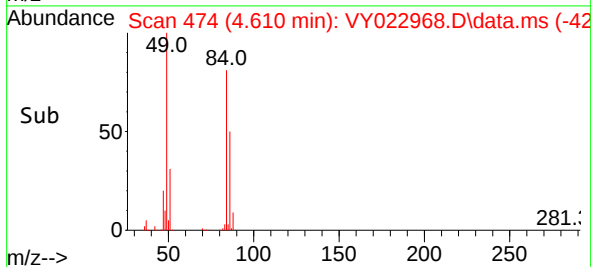
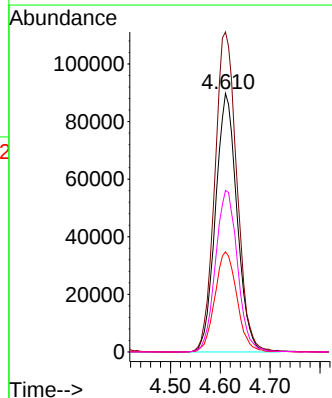
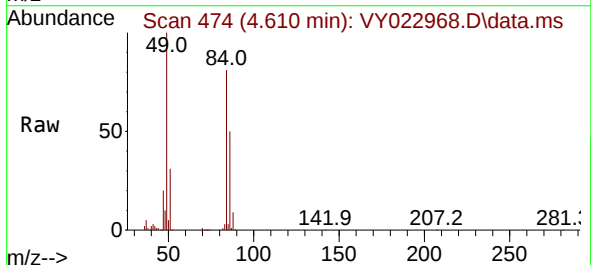
Ion Ratio Lower Upper

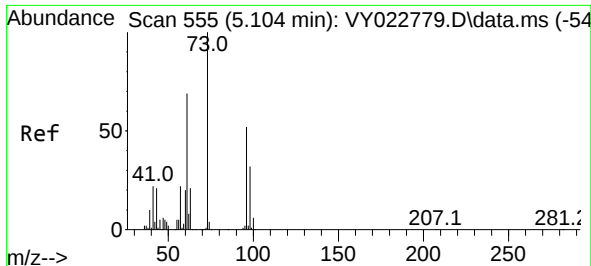
84 100

49 123.8 101.9 152.9

51 38.7 29.8 44.8

86 62.4 51.3 76.9

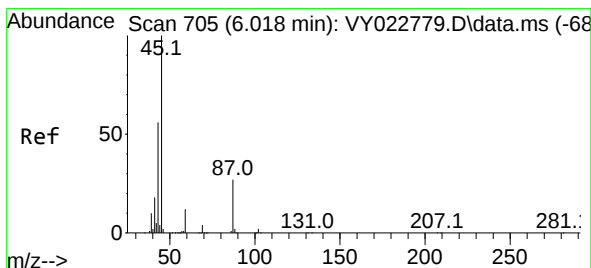
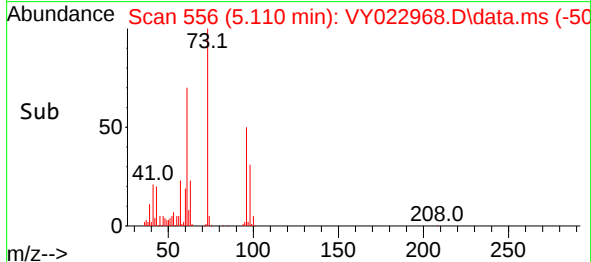
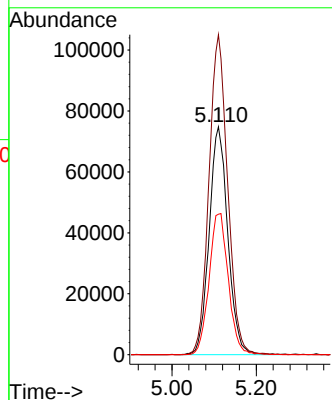
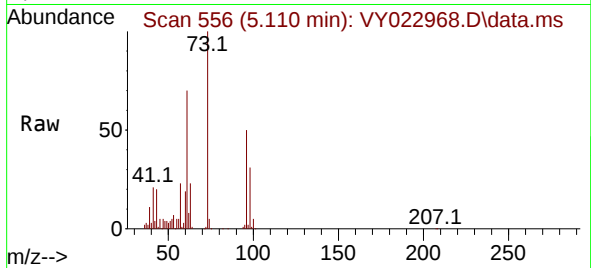




#21
trans-1,2-Dichloroethene
Concen: 47.049 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.012 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

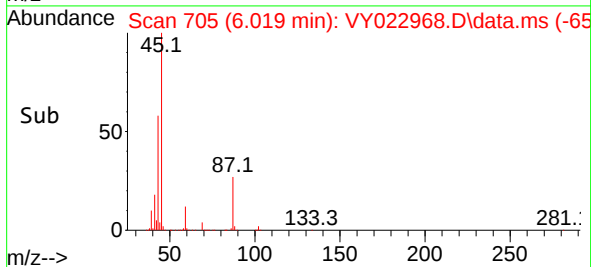
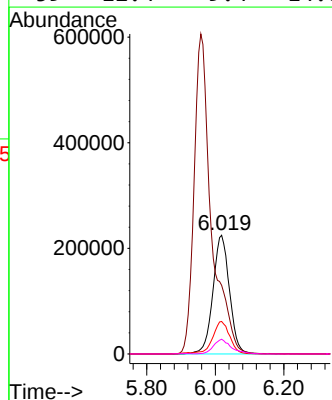
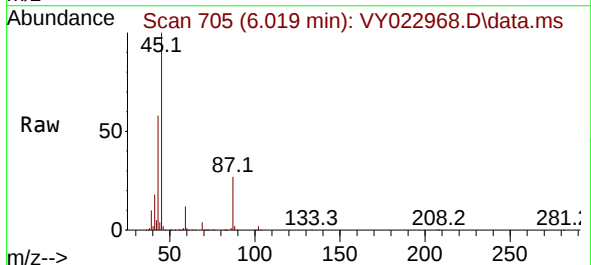
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

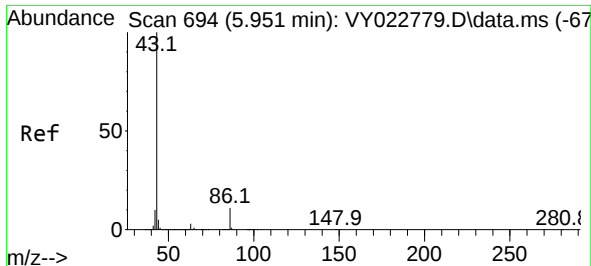
Tgt Ion: 96 Resp: 229798
Ion Ratio Lower Upper
96 100
61 140.5 112.6 169.0
98 61.7 50.6 75.8



#22
Diisopropyl ether
Concen: 51.474 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 45 Resp: 751423
Ion Ratio Lower Upper
45 100
43 57.6 48.3 72.5
87 27.4 23.0 34.6
59 12.4 9.4 14.0

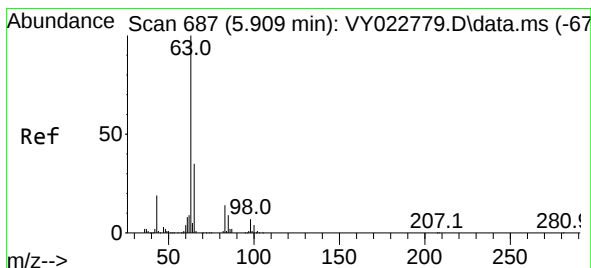
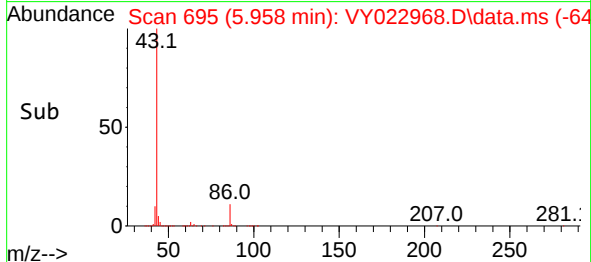
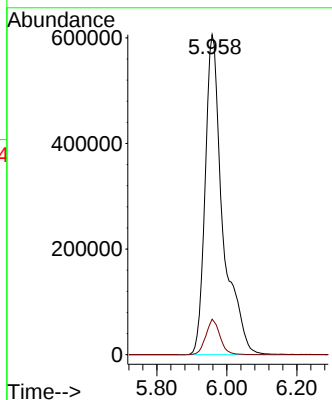
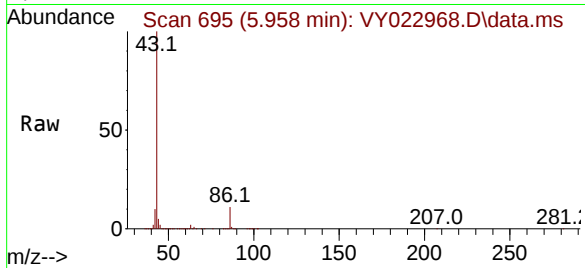




#23
 Vinyl Acetate
 Concen: 262.885 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. -0.012 min
 Lab File: VY022968.D
 Acq: 08 Jul 2025 11:15

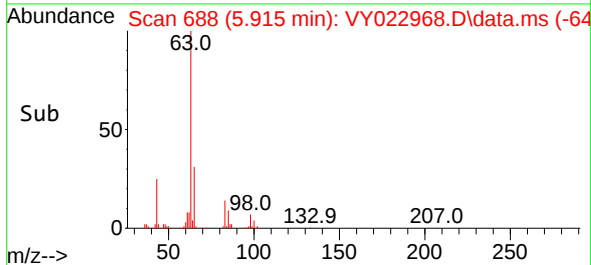
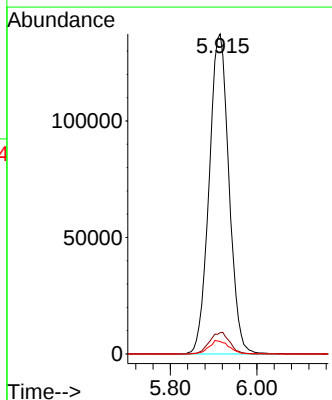
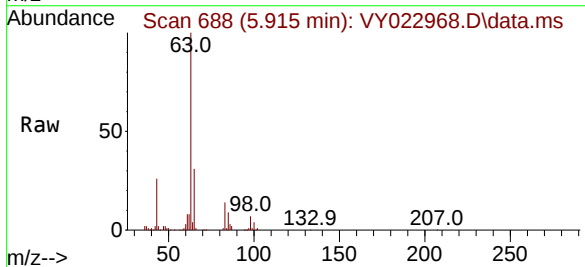
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

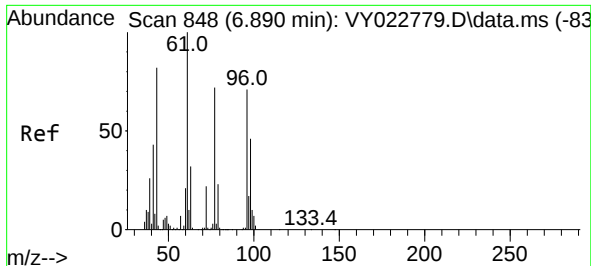
Tgt Ion: 43 Resp: 2119466
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 49.518 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022968.D
 Acq: 08 Jul 2025 11:15

Tgt Ion: 63 Resp: 436629
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 3.9 2.1 6.3

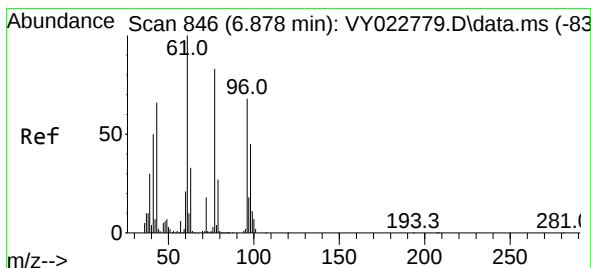
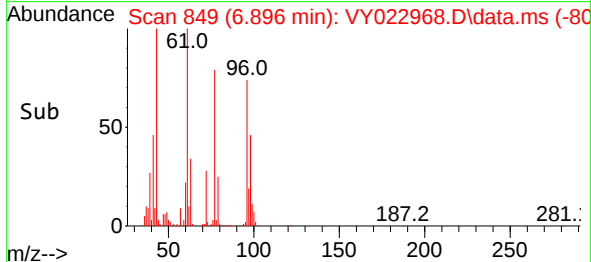
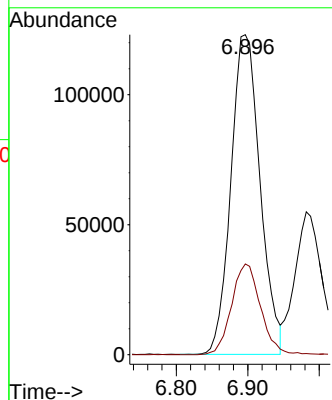
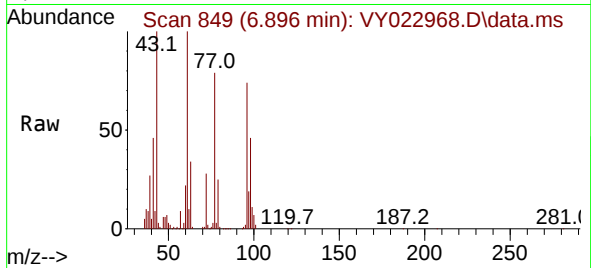




#25
2-Butanone
Concen: 269.483 ug/l
RT: 6.896 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

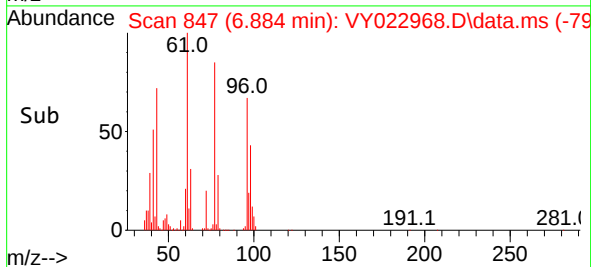
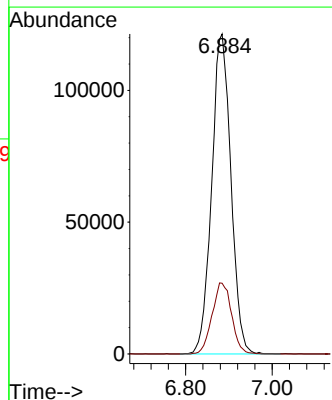
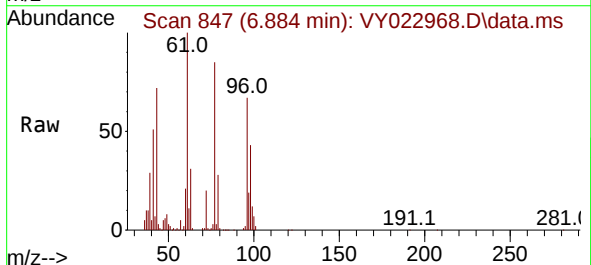
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

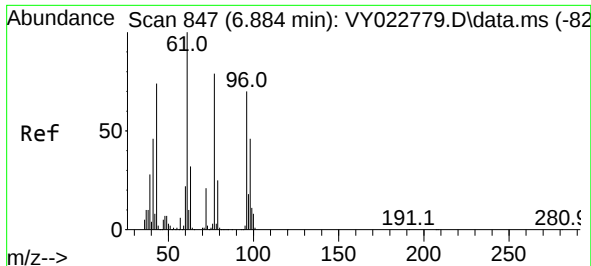
Tgt Ion: 43 Resp: 349329
Ion Ratio Lower Upper
43 100
72 28.4 22.9 34.3



#26
2,2-Dichloropropane
Concen: 50.632 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 77 Resp: 374240
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2



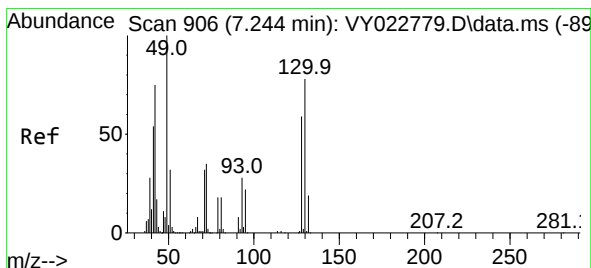
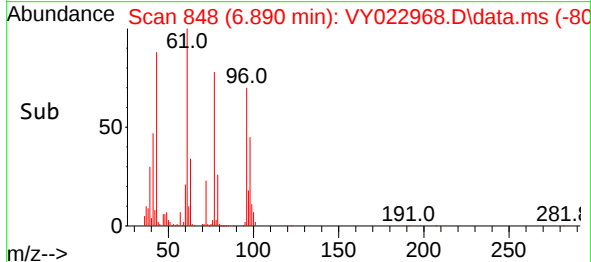
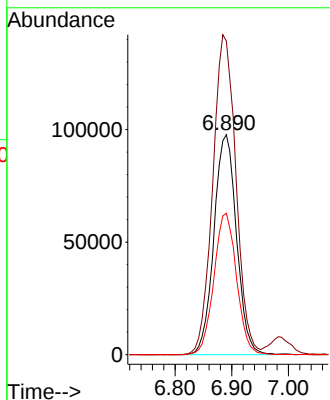
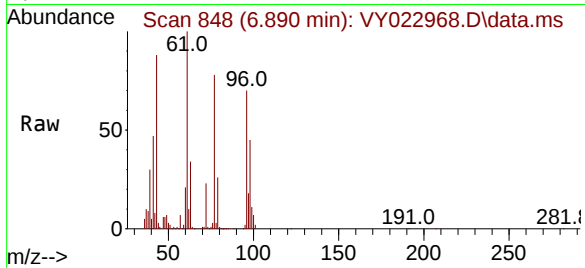


#27
 cis-1,2-Dichloroethene
 Concen: 47.679 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022968.D
 Acq: 08 Jul 2025 11:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 270604

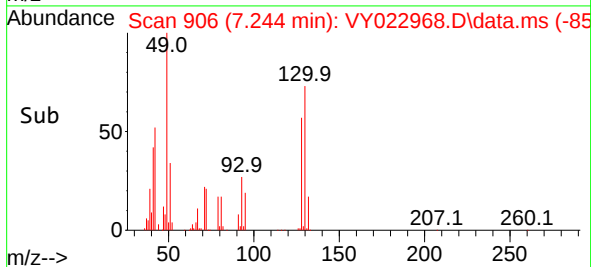
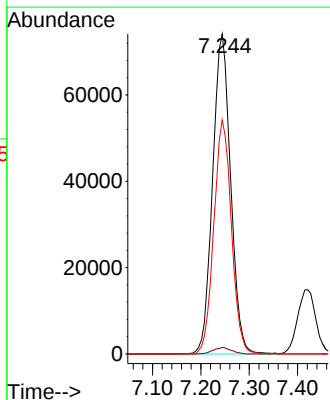
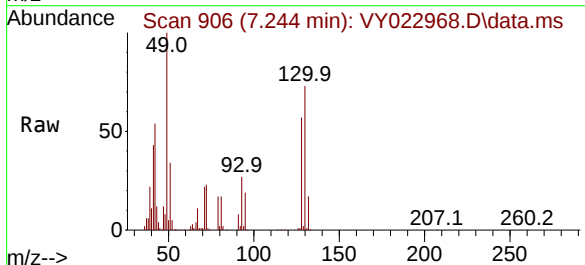
Ion	Ratio	Lower	Upper
96	100		
61	149.1	0.0	290.0
98	64.5	0.0	128.4

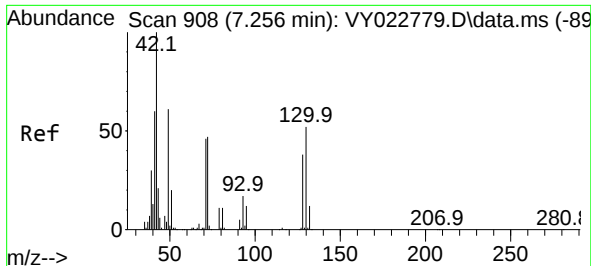


#28
 Bromochloromethane
 Concen: 51.699 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022968.D
 Acq: 08 Jul 2025 11:15

Tgt Ion: 49 Resp: 191649

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.6
130	71.4	55.7	83.5





#29

Tetrahydrofuran

Concen: 260.023 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

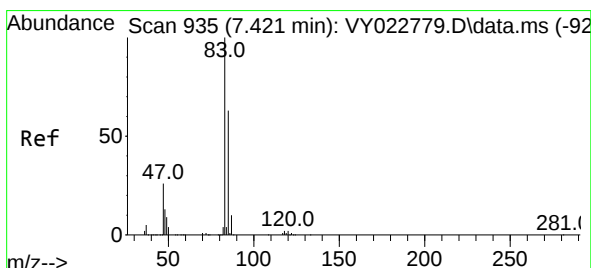
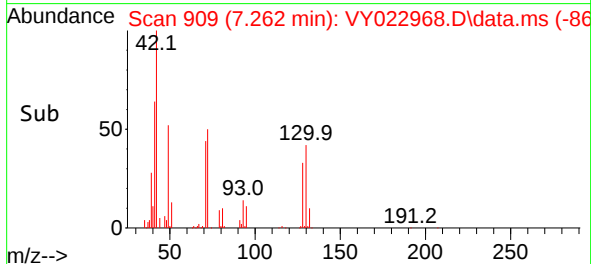
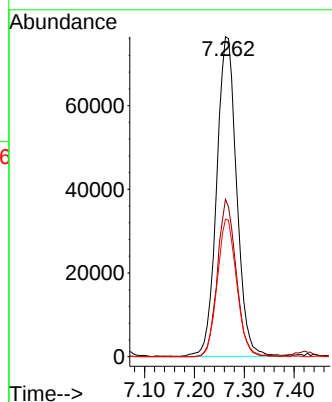
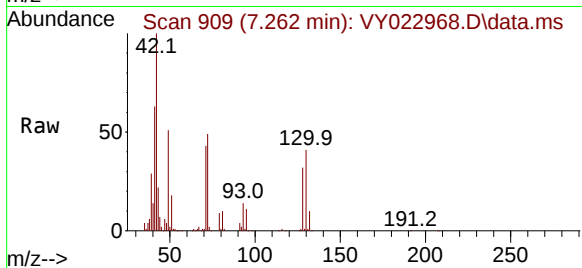
Tgt Ion: 42 Resp: 212839

Ion Ratio Lower Upper

42 100

72 46.1 37.4 56.2

71 42.0 34.2 51.2



#30

Chloroform

Concen: 48.631 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022968.D

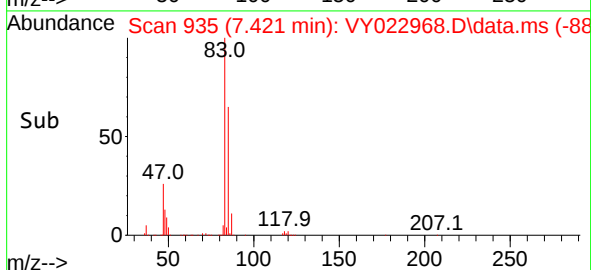
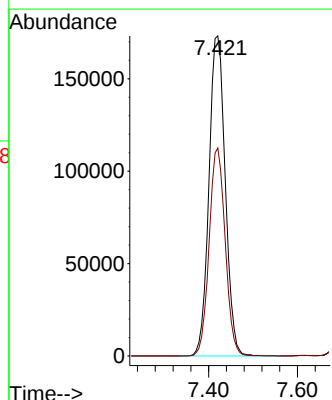
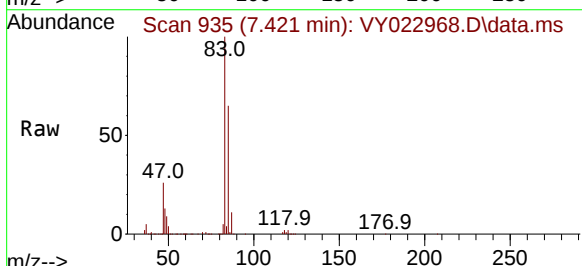
Acq: 08 Jul 2025 11:15

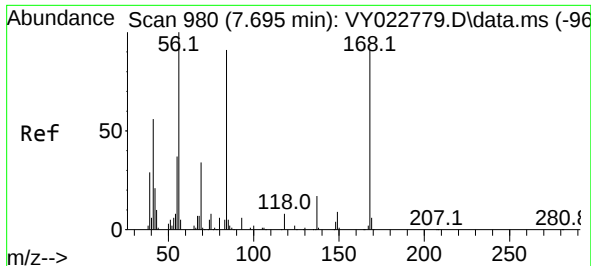
Tgt Ion: 83 Resp: 441657

Ion Ratio Lower Upper

83 100

85 65.0 54.2 81.4

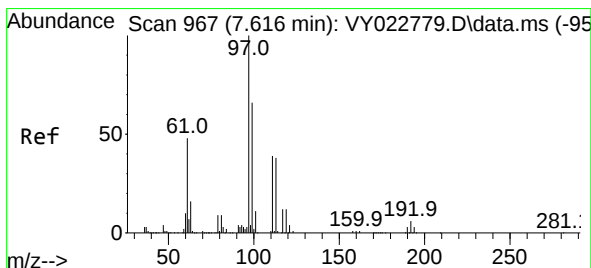
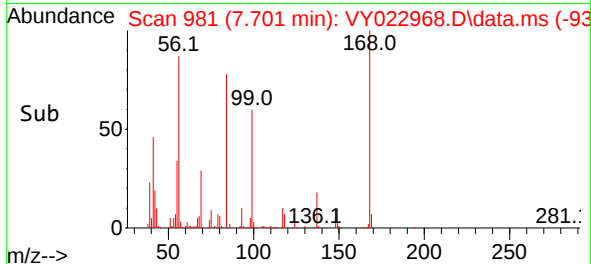
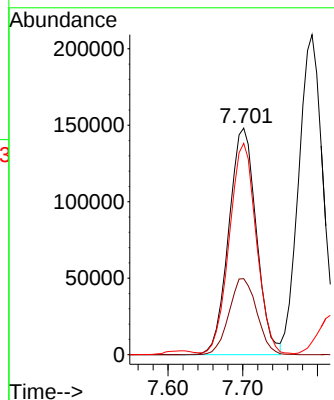
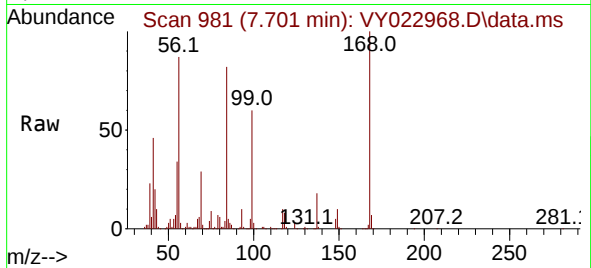




#31
Cyclohexane
Concen: 46.976 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

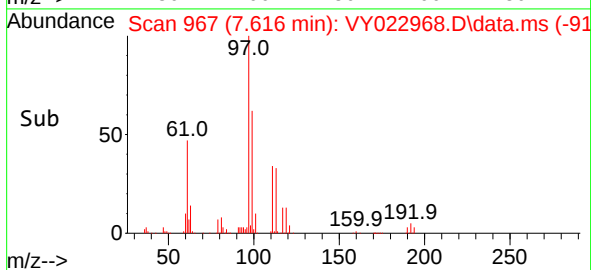
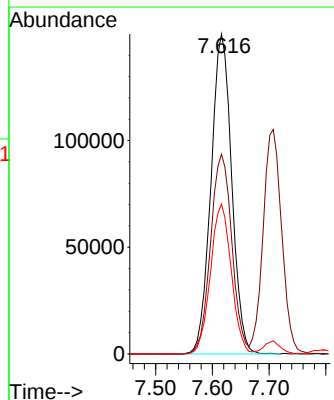
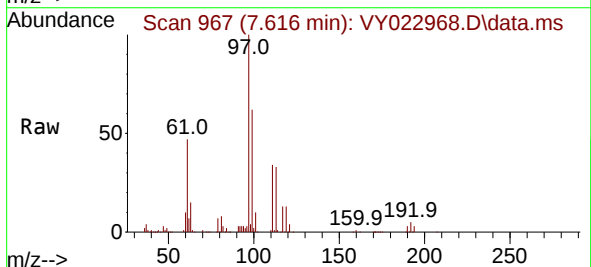
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

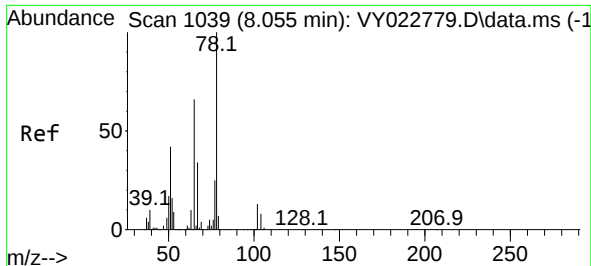
Tgt Ion: 56 Resp: 380221
Ion Ratio Lower Upper
56 100
69 33.5 27.0 40.6
84 92.0 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 48.538 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 97 Resp: 380935
Ion Ratio Lower Upper
97 100
99 64.2 50.9 76.3
61 47.0 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 48.734 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

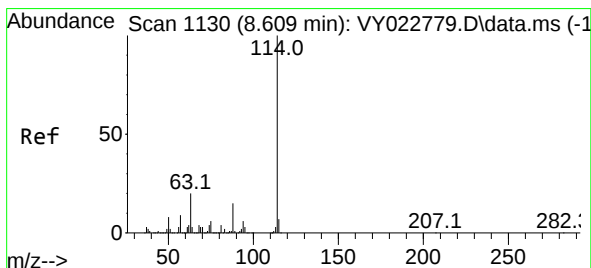
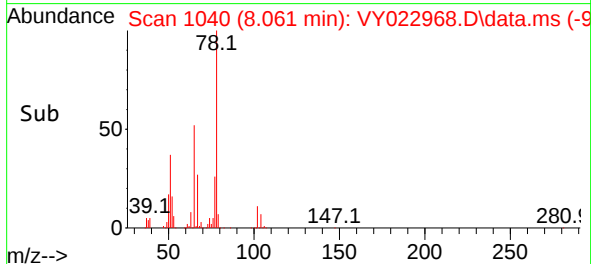
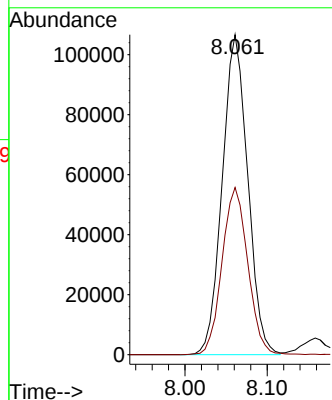
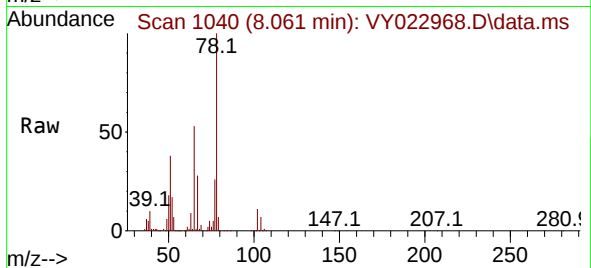
VSTDCCC050

Tgt Ion: 65 Resp: 229651

Ion Ratio Lower Upper

65 100

67 52.8 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: VY022968.D

Acq: 08 Jul 2025 11:15

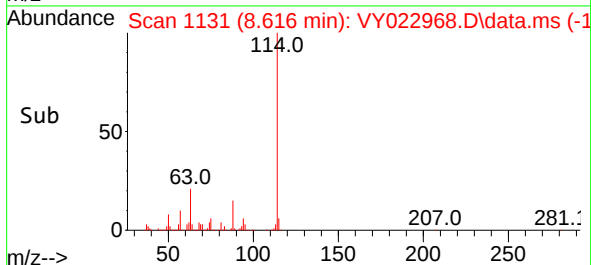
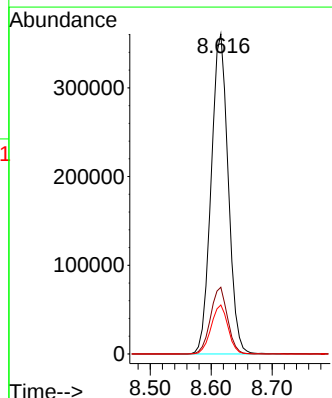
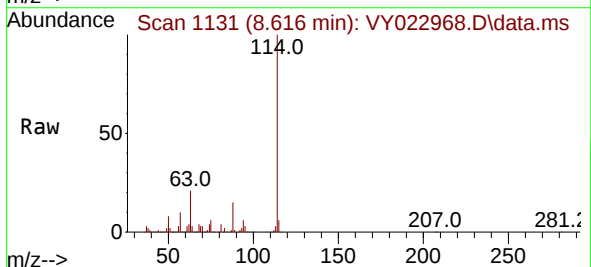
Tgt Ion:114 Resp: 699147

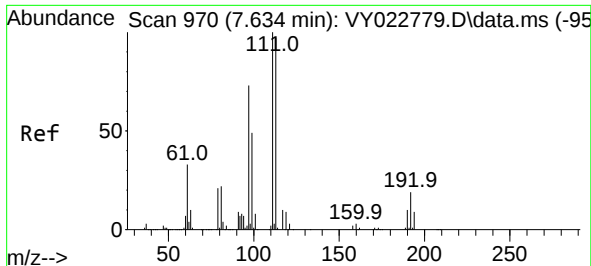
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 15.3 0.0 27.8

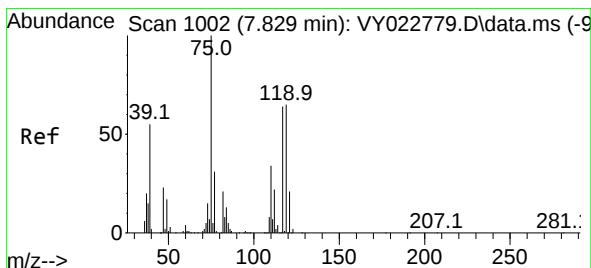
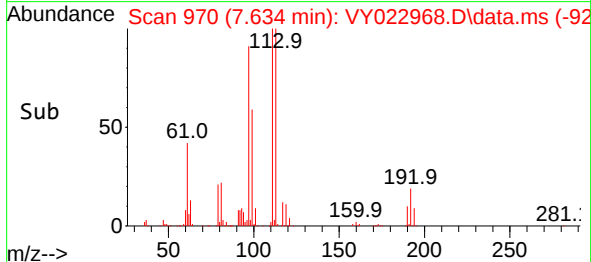
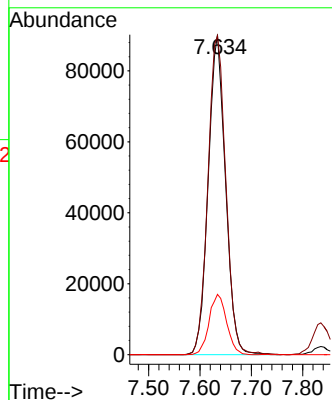
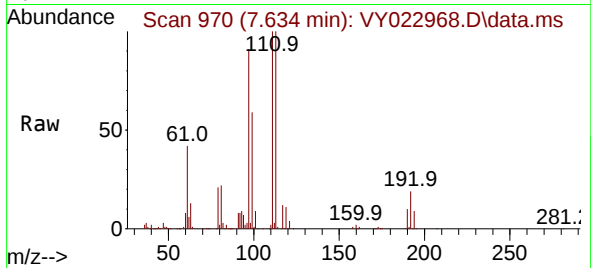




#35
Dibromofluoromethane
Concen: 49.453 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

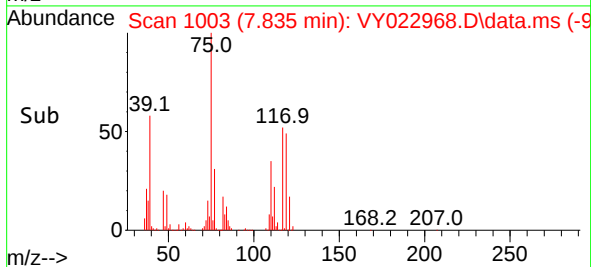
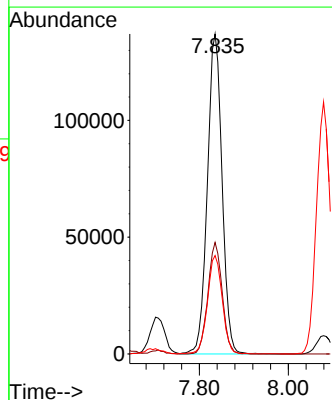
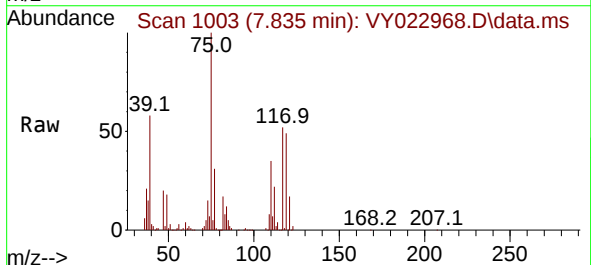
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

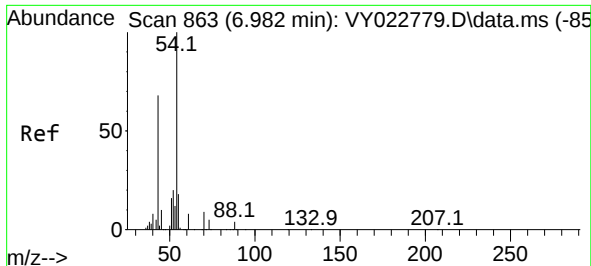
Tgt Ion:113 Resp: 210270
Ion Ratio Lower Upper
113 100
111 103.5 81.1 121.7
192 19.2 14.2 21.2



#36
1,1-Dichloropropene
Concen: 48.977 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 75 Resp: 315647
Ion Ratio Lower Upper
75 100
110 33.9 16.9 50.7
77 30.8 24.8 37.2





#37

Ethyl Acetate

Concen: 52.975 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

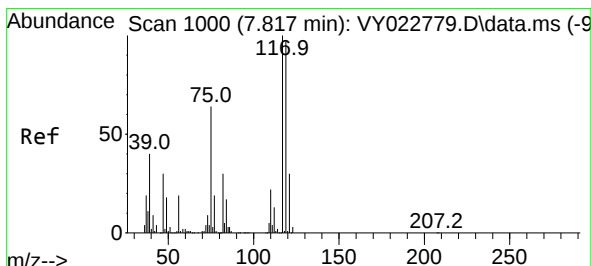
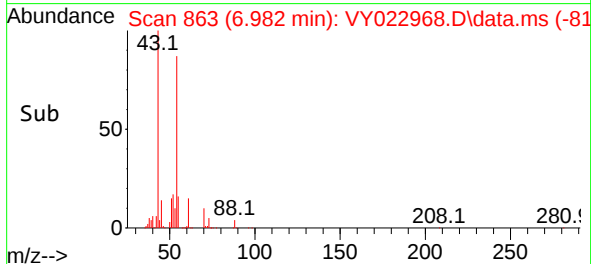
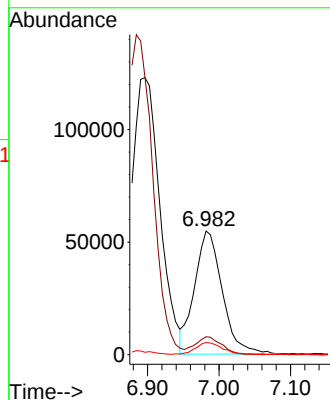
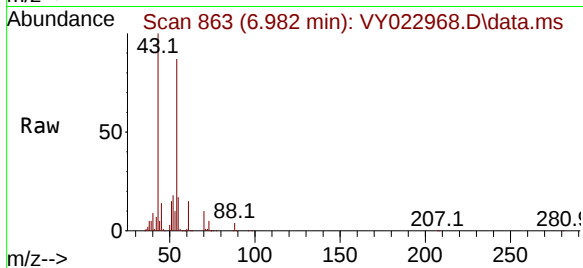
Tgt Ion: 43 Resp: 147325

Ion Ratio Lower Upper

43 100

61 13.8 11.5 17.3

70 9.6 7.2 10.8



#38

Carbon Tetrachloride

Concen: 48.919 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

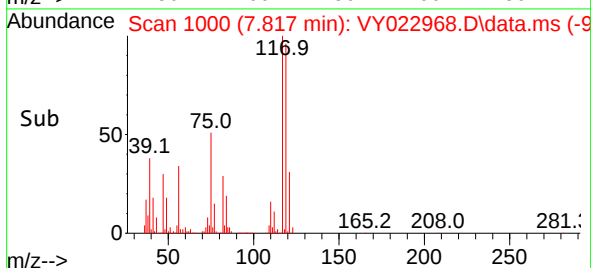
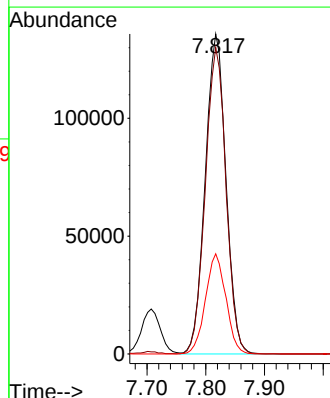
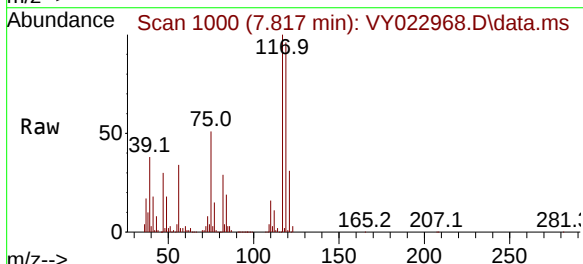
Tgt Ion: 117 Resp: 332658

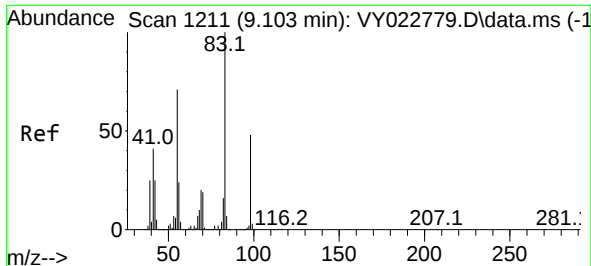
Ion Ratio Lower Upper

117 100

119 95.7 75.0 112.6

121 31.3 25.0 37.4





#39

Methylcyclohexane

Concen: 48.805 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

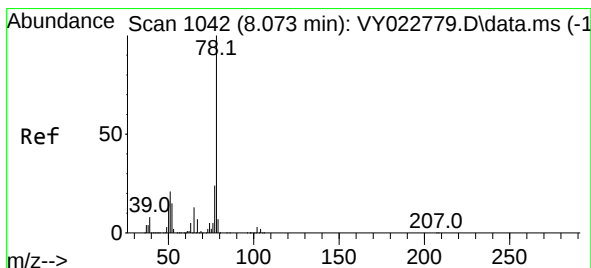
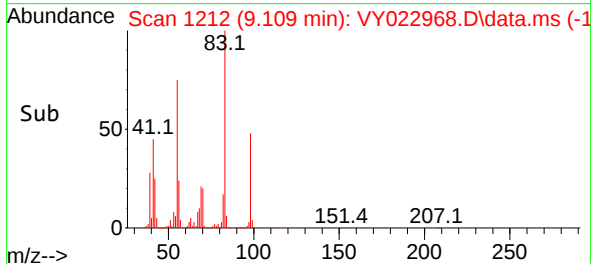
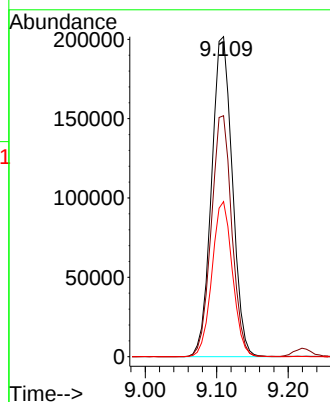
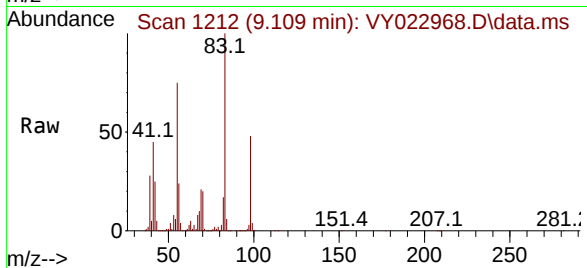
Tgt Ion: 83 Resp: 407044

Ion Ratio Lower Upper

83 100

55 75.3 58.1 87.1

98 48.5 39.0 58.6



#40

Benzene

Concen: 49.535 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022968.D

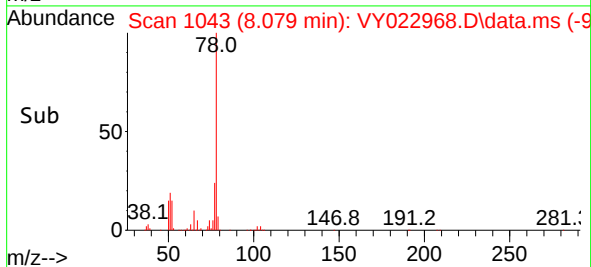
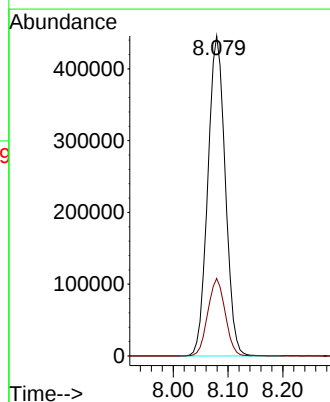
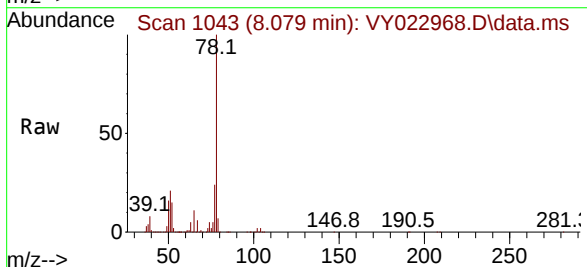
Acq: 08 Jul 2025 11:15

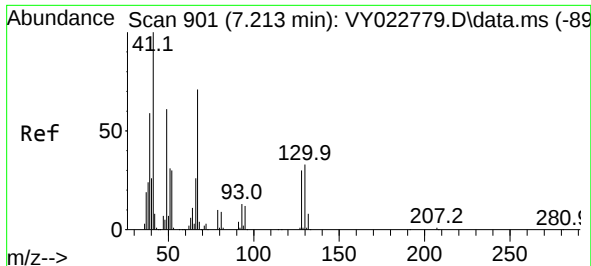
Tgt Ion: 78 Resp: 981522

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9

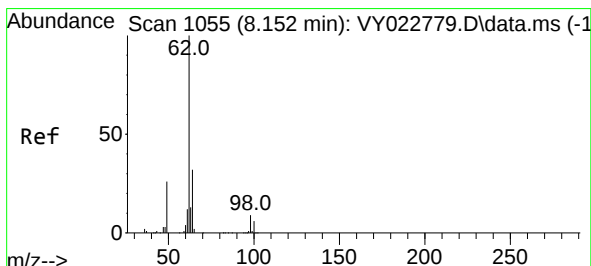
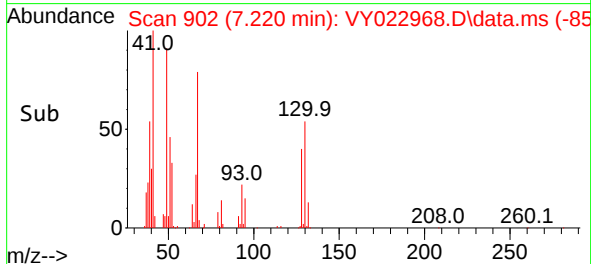
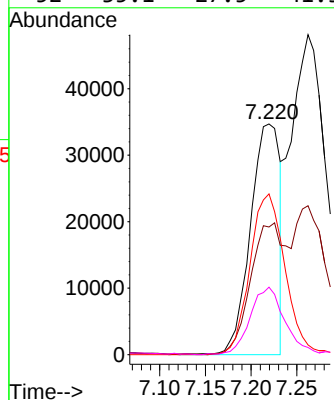
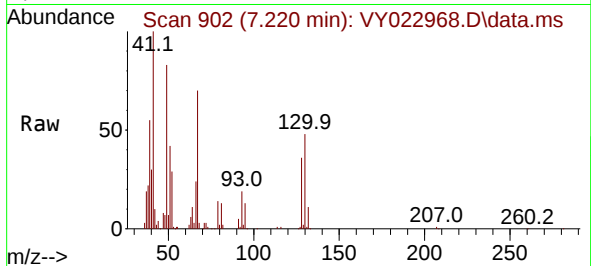




#41
Methacrylonitrile
Concen: 45.611 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

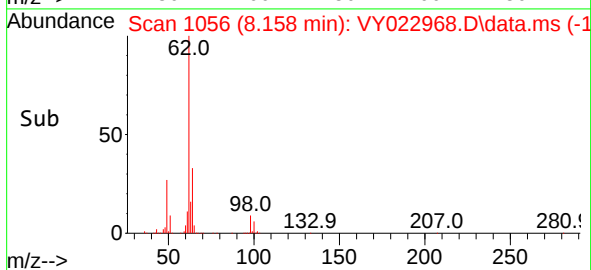
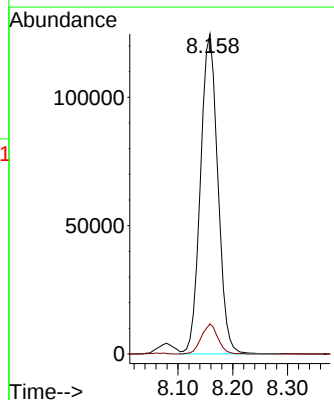
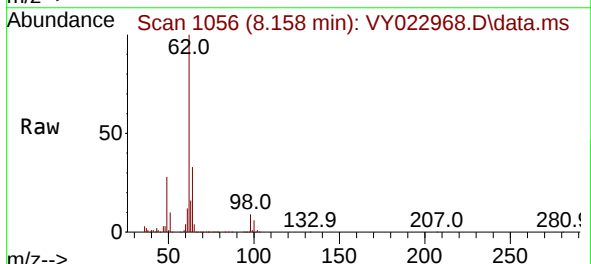
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

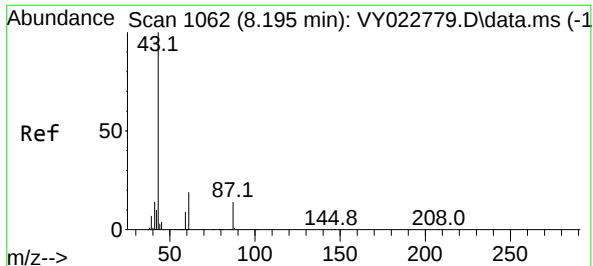
Tgt Ion: 41 Resp: 78090
Ion Ratio Lower Upper
41 100
39 72.2 46.6 69.8#
67 83.0 63.3 94.9
52 35.1 27.5 41.3



#42
1,2-Dichloroethane
Concen: 50.549 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 62 Resp: 274470
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.2

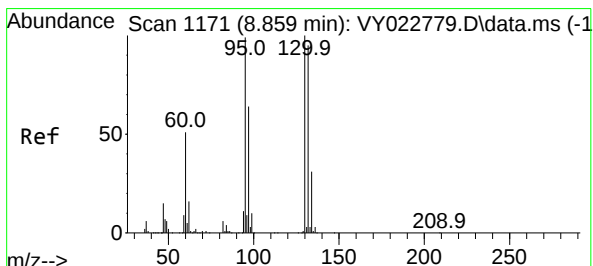
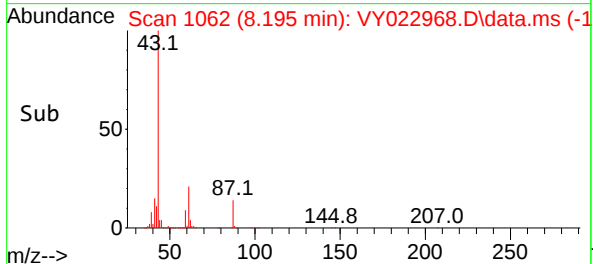
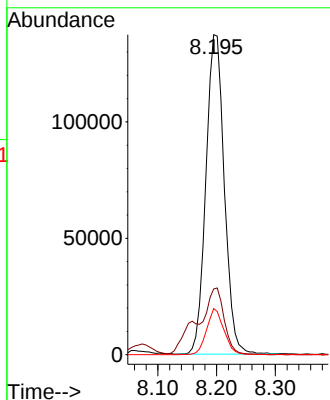
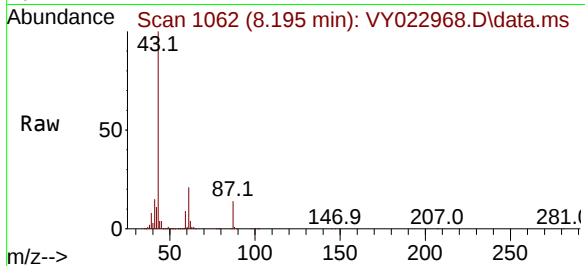




#43
Isopropyl Acetate
Concen: 51.720 ug/l
RT: 8.195 min Scan# 110
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

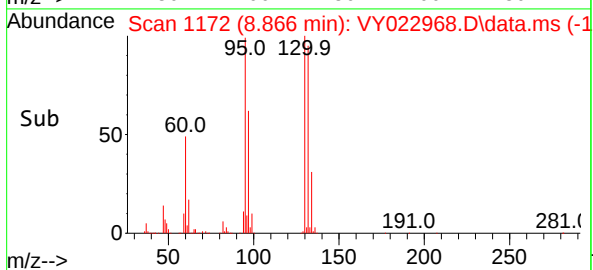
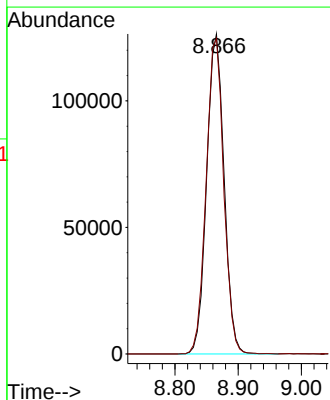
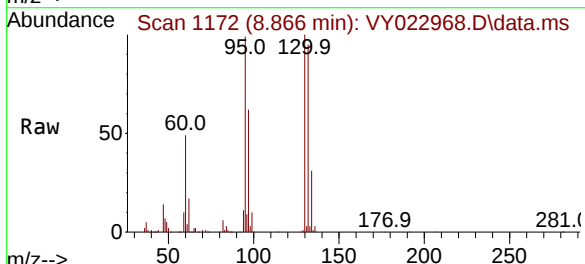
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

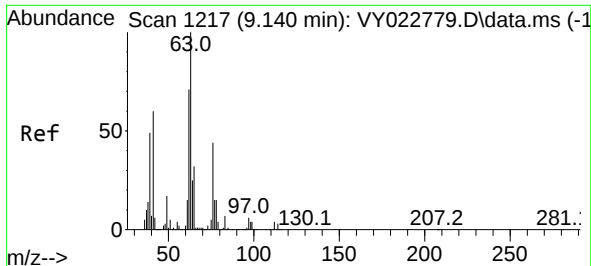
Tgt Ion: 43 Resp: 298943
Ion Ratio Lower Upper
43 100
61 20.6 15.6 23.4
87 13.6 10.2 15.4



#44
Trichloroethene
Concen: 48.699 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion:130 Resp: 242274
Ion Ratio Lower Upper
130 100
95 98.6 0.0 203.0





#45

1,2-Dichloropropane

Concen: 50.787 ug/l

RT: 9.140 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

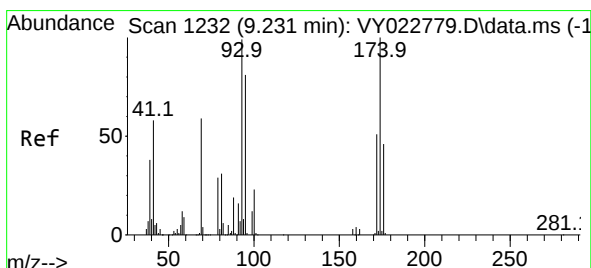
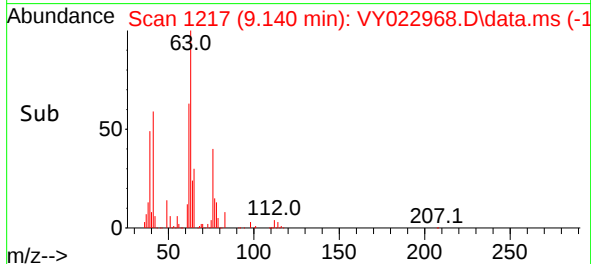
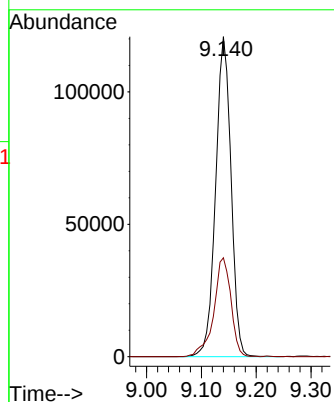
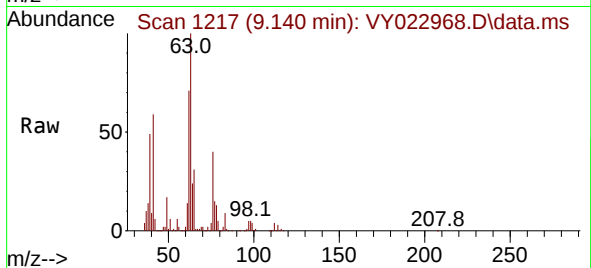
VSTDCCC050

Tgt Ion: 63 Resp: 235525

Ion Ratio Lower Upper

63 100

65 30.8 24.0 36.0



#46

Dibromomethane

Concen: 48.856 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

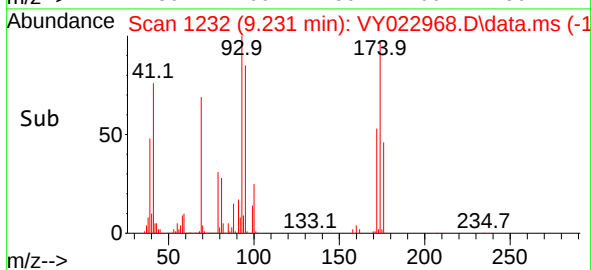
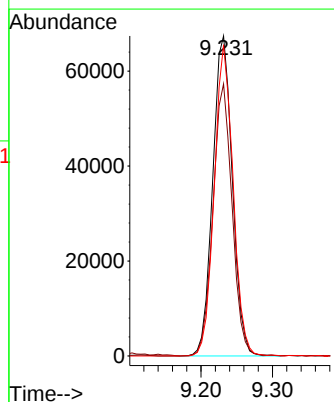
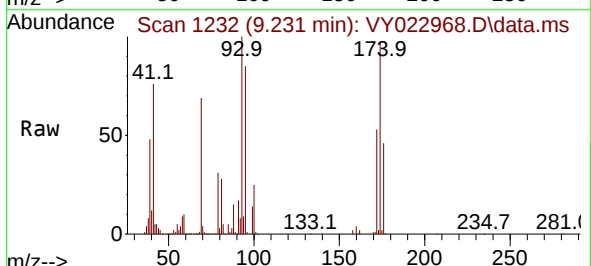
Tgt Ion: 93 Resp: 128619

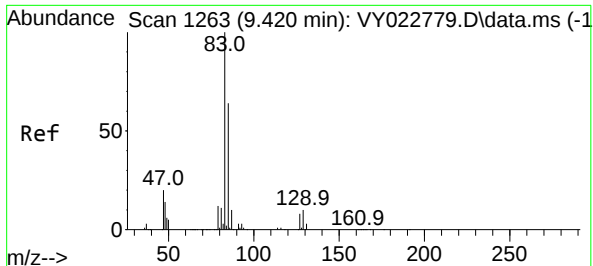
Ion Ratio Lower Upper

93 100

95 82.7 65.6 98.4

174 93.4 70.4 105.6





#47

Bromodichloromethane

Concen: 49.662 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

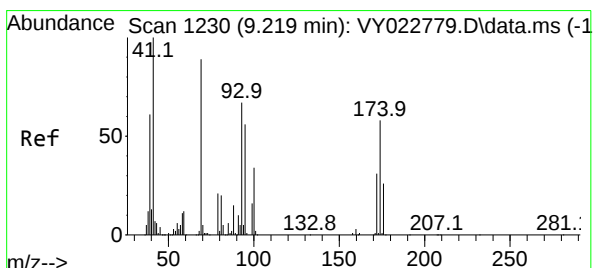
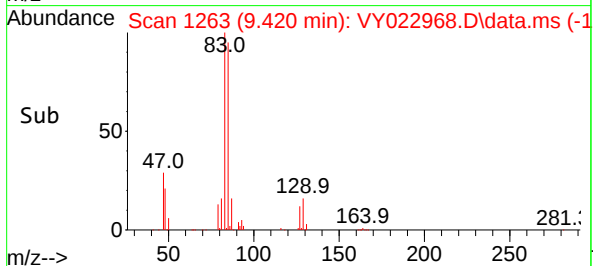
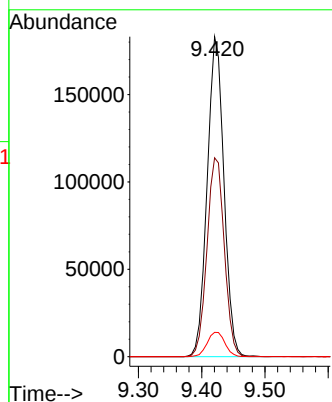
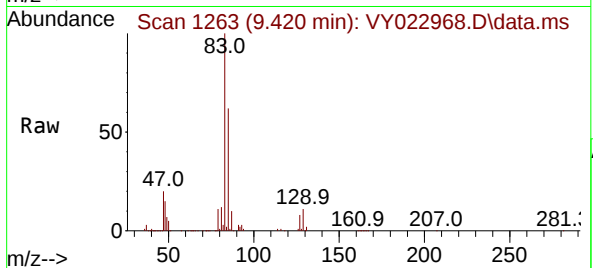
Tgt Ion: 83 Resp: 337139

Ion Ratio Lower Upper

83 100

85 62.2 49.1 73.7

127 7.6 6.2 9.4



#48

Methyl methacrylate

Concen: 53.055 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

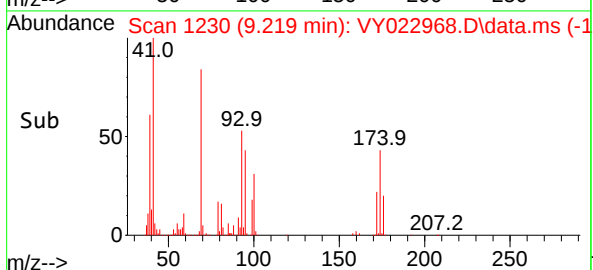
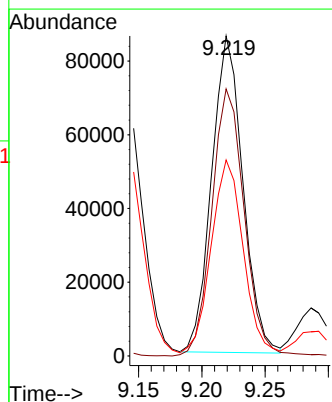
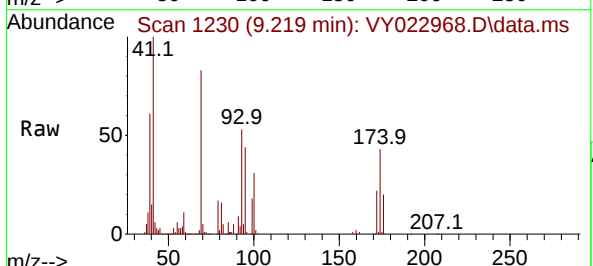
Tgt Ion: 41 Resp: 147422

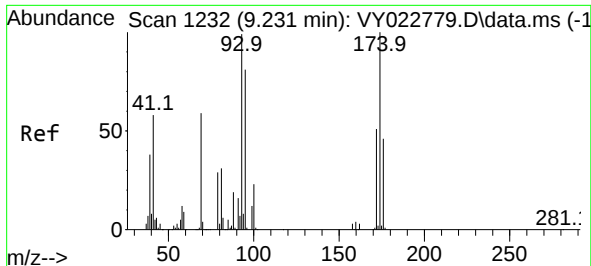
Ion Ratio Lower Upper

41 100

69 87.4 67.8 101.8

39 62.1 55.0 82.4





#49

1,4-Dioxane

Concen: 935.983 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

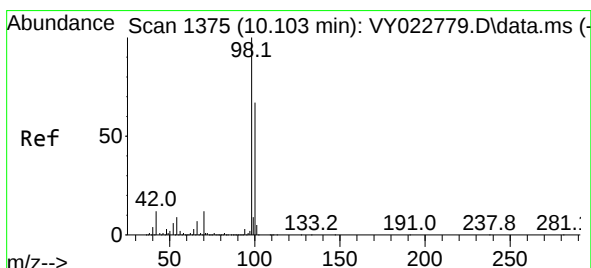
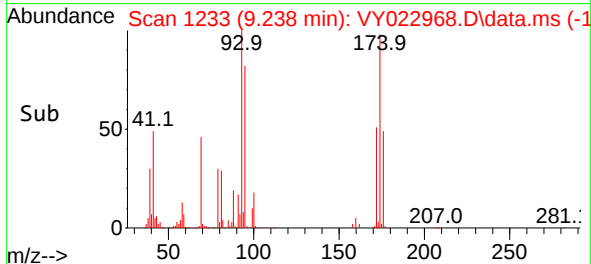
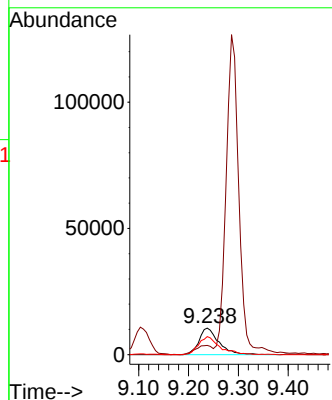
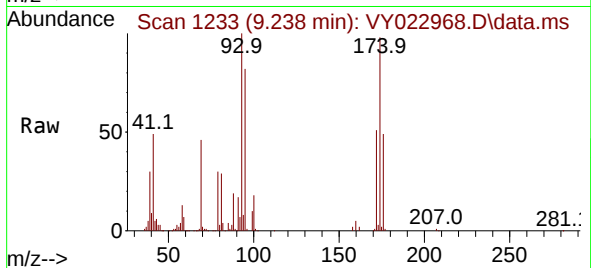
Tgt Ion: 88 Resp: 29112

Ion Ratio Lower Upper

88 100

43 30.1 25.4 38.2

58 72.3 54.9 82.3



#50

Toluene-d8

Concen: 49.563 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022968.D

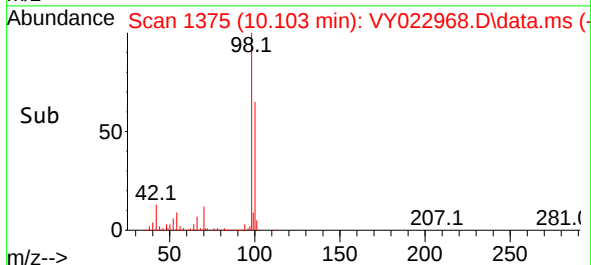
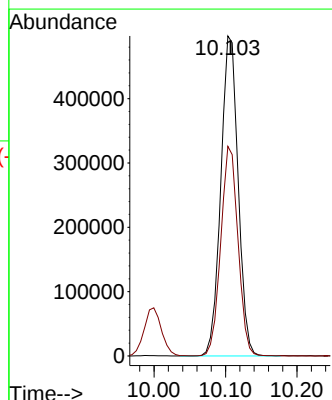
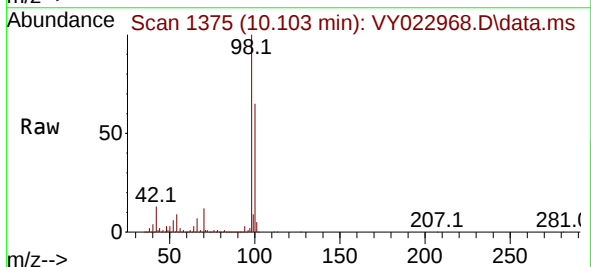
Acq: 08 Jul 2025 11:15

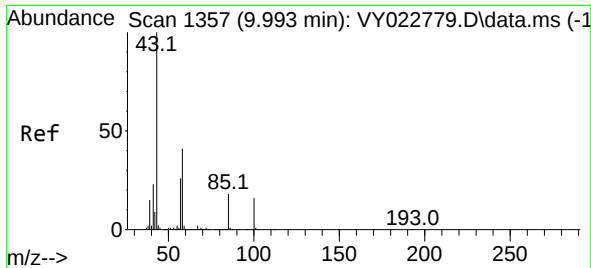
Tgt Ion: 98 Resp: 836224

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0

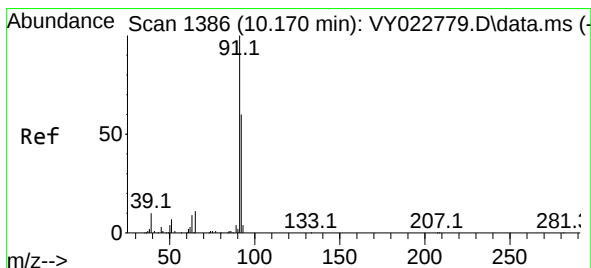
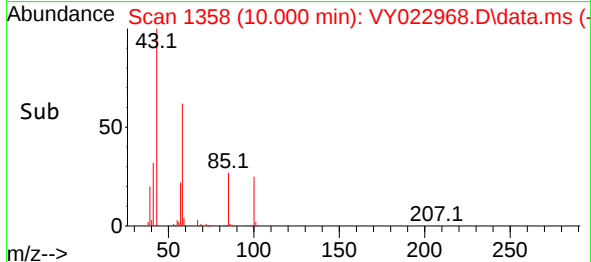
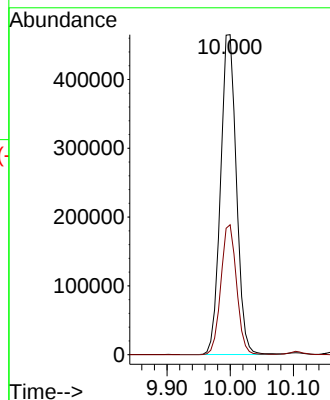
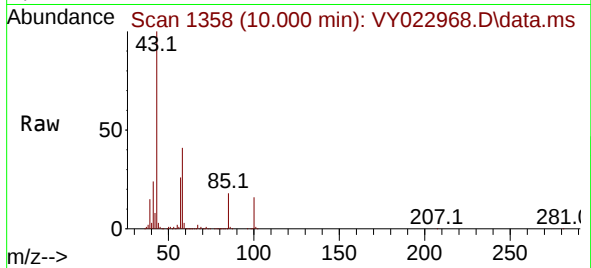




#51
4-Methyl-2-Pentanone
Concen: 274.263 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

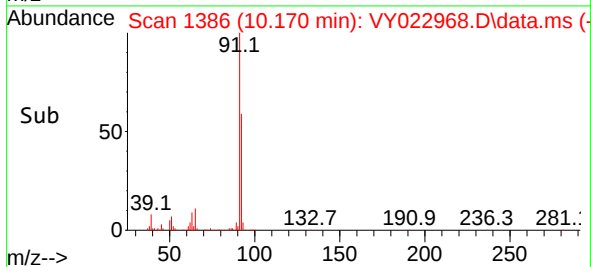
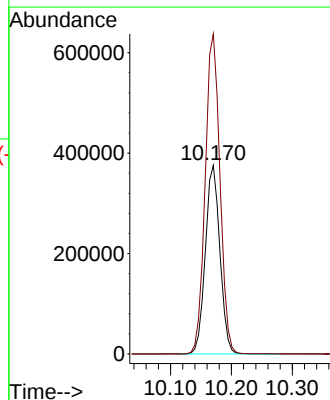
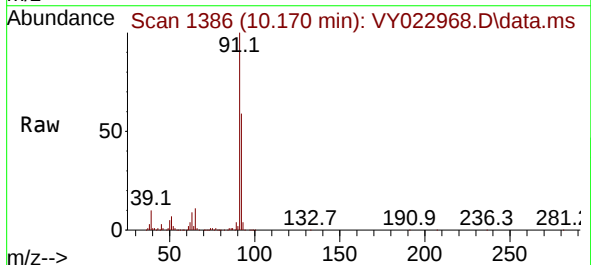
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

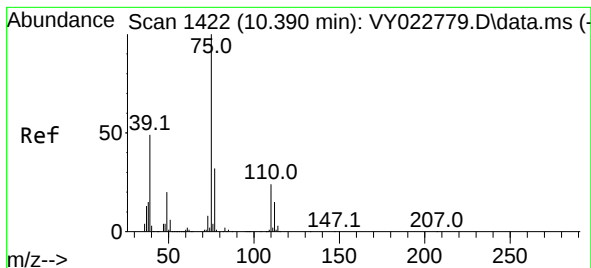
Tgt Ion: 43 Resp: 805586
Ion Ratio Lower Upper
43 100
58 40.2 30.4 45.6



#52
Toluene
Concen: 49.927 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 92 Resp: 624132
Ion Ratio Lower Upper
92 100
91 172.1 139.0 208.4

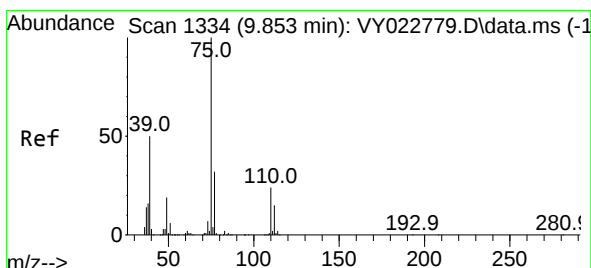
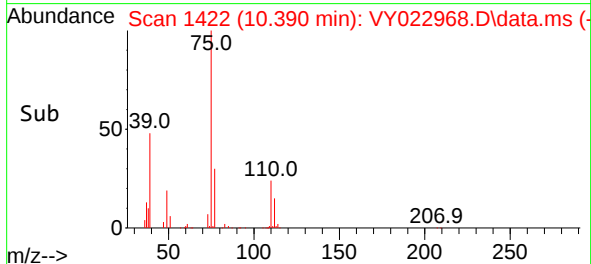
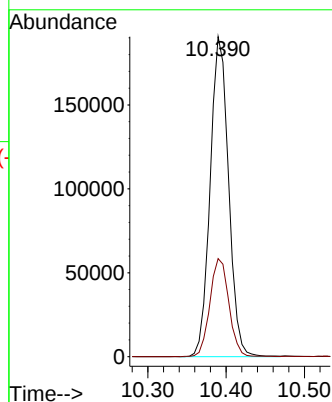
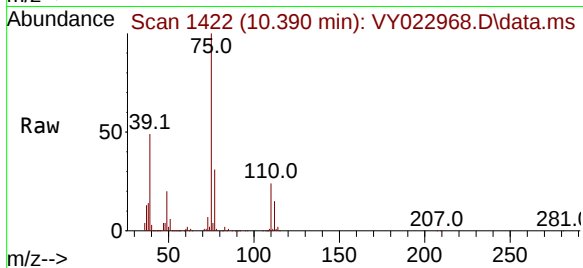




#53
t-1,3-Dichloropropene
Concen: 50.875 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

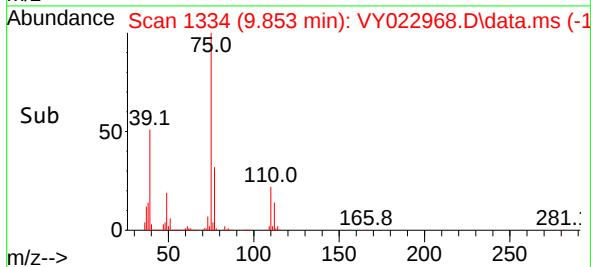
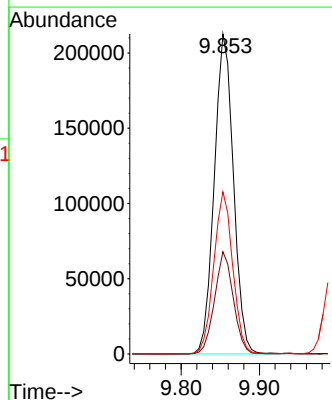
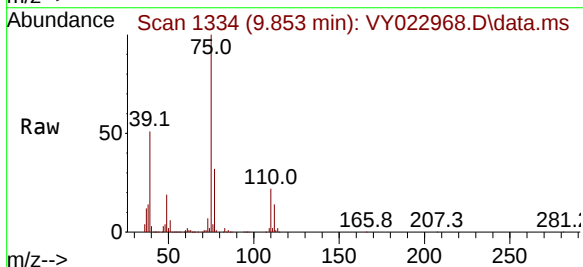
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

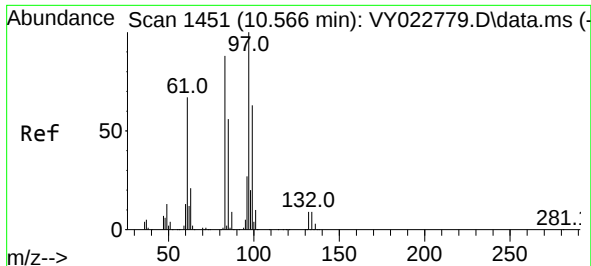
Tgt Ion: 75 Resp: 310743
Ion Ratio Lower Upper
75 100
77 30.6 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 51.096 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 75 Resp: 361870
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 50.6 42.7 64.1

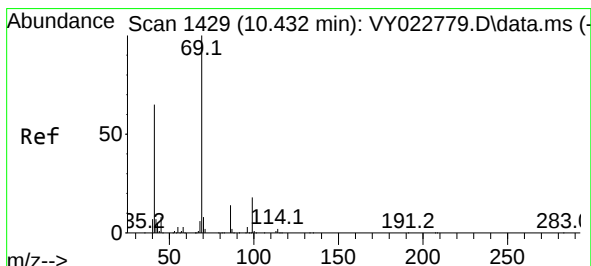
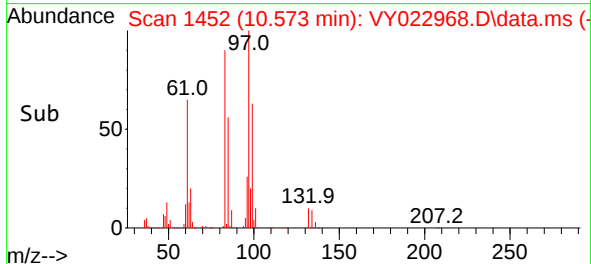
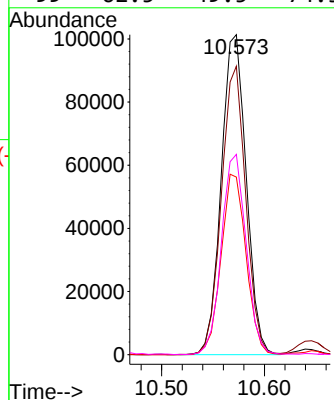
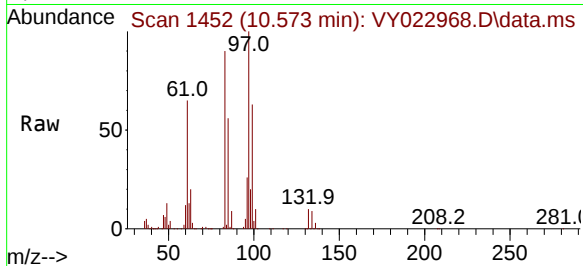




#55
1,1,2-Trichloroethane
Concen: 50.234 ug/l
RT: 10.573 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

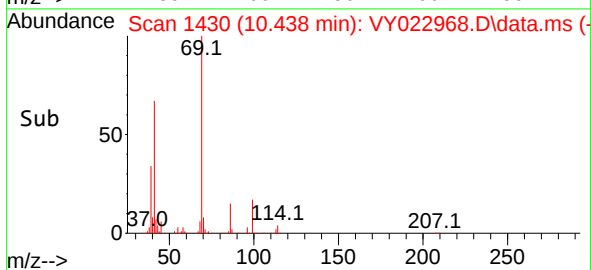
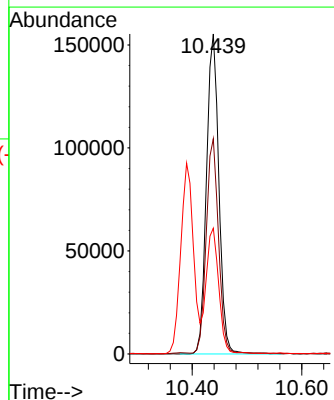
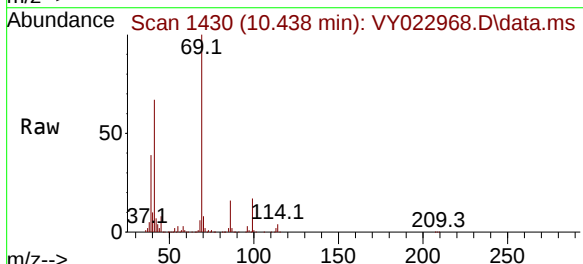
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

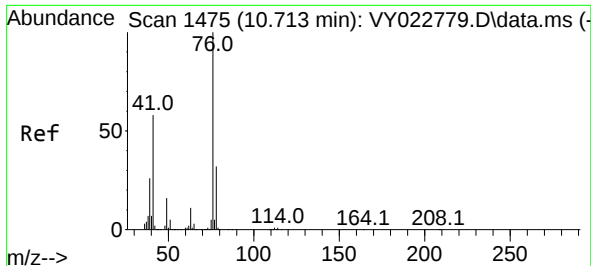
Tgt Ion: 97	Resp: 171246
Ion Ratio	Lower Upper
97 100	
83 90.0	68.1 102.1
85 55.5	48.2 72.2
99 62.5	49.5 74.3



#56
Ethyl methacrylate
Concen: 52.806 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 69	Resp: 242187
Ion Ratio	Lower Upper
69 100	
41 66.2	52.2 78.2
39 39.9	36.7 55.1





#57

1,3-Dichloropropane

Concen: 50.936 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

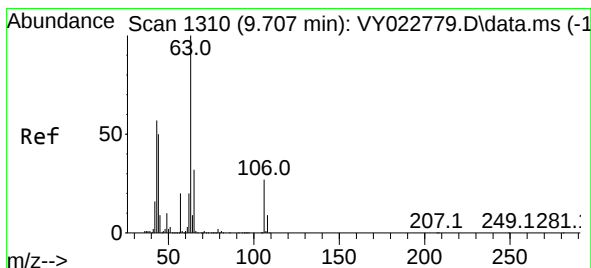
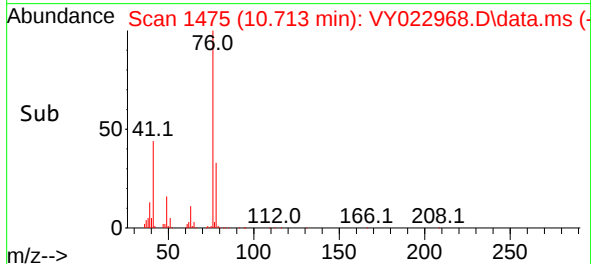
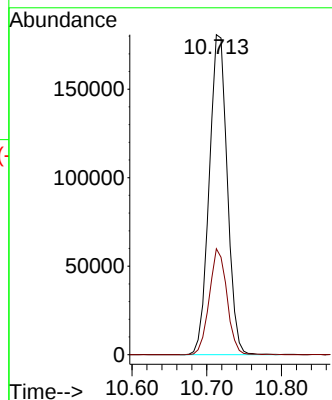
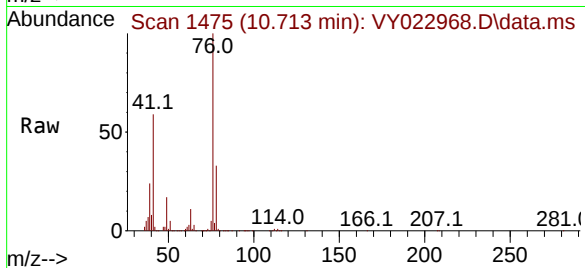
VSTDCCC050

Tgt Ion: 76 Resp: 302943

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 250.384 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022968.D

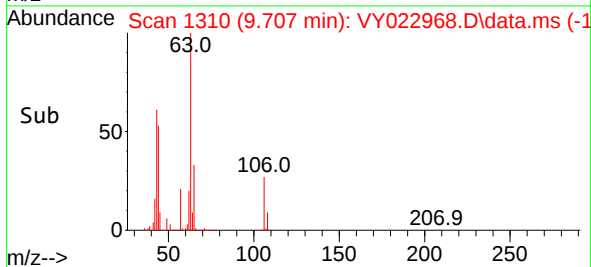
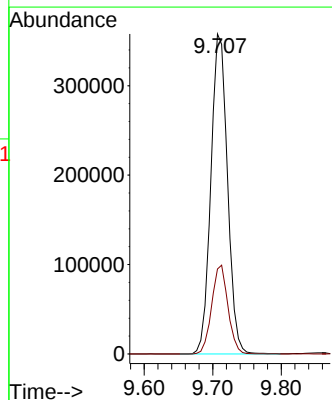
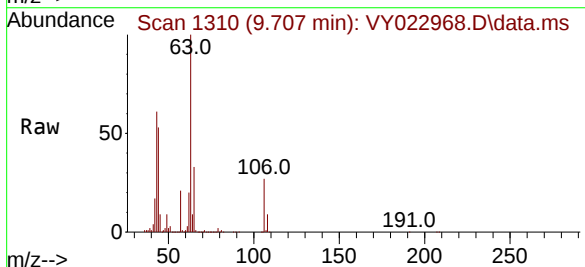
Acq: 08 Jul 2025 11:15

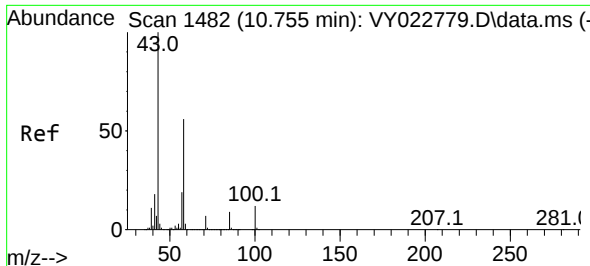
Tgt Ion: 63 Resp: 603617

Ion Ratio Lower Upper

63 100

106 27.1 21.6 32.4

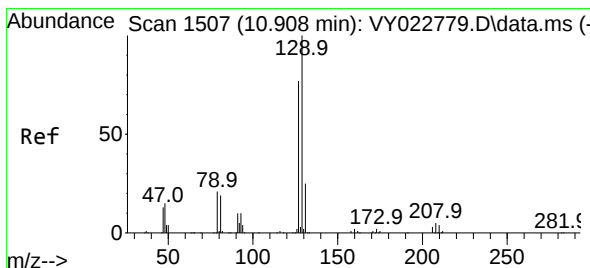
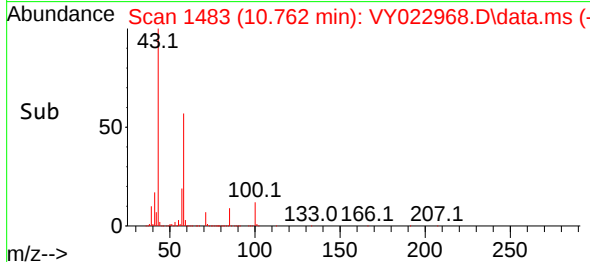
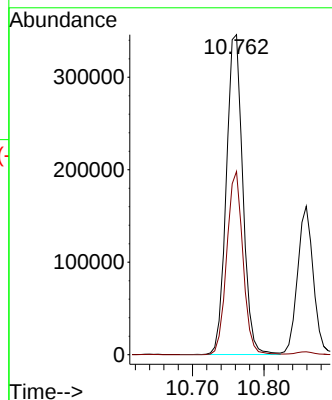
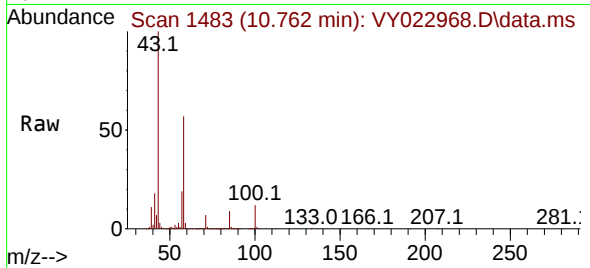




#59
2-Hexanone
Concen: 277.252 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

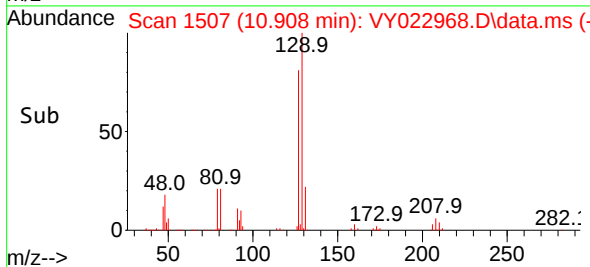
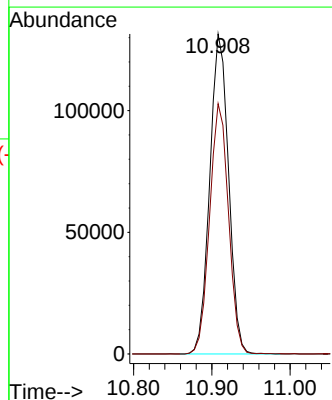
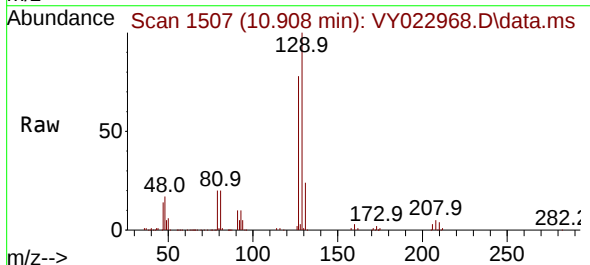
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

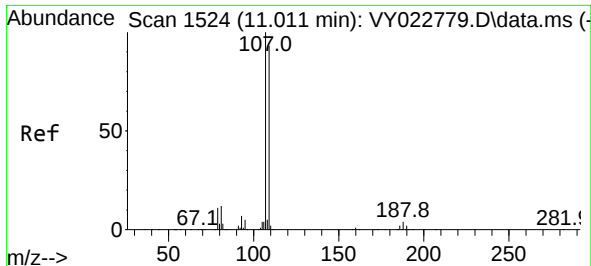
Tgt Ion: 43 Resp: 553668
Ion Ratio Lower Upper
43 100
58 56.2 27.3 81.8



#60
Dibromochloromethane
Concen: 49.752 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 129 Resp: 219069
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2

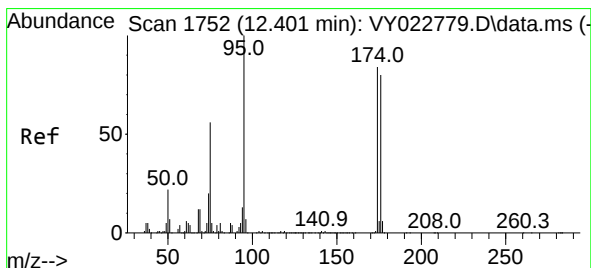
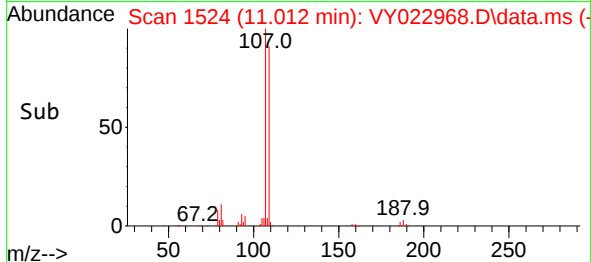
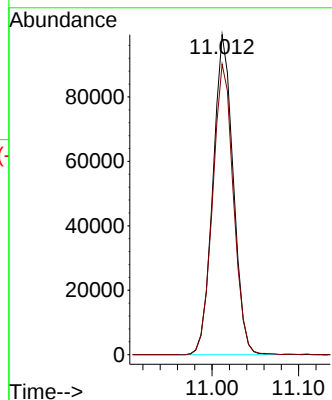
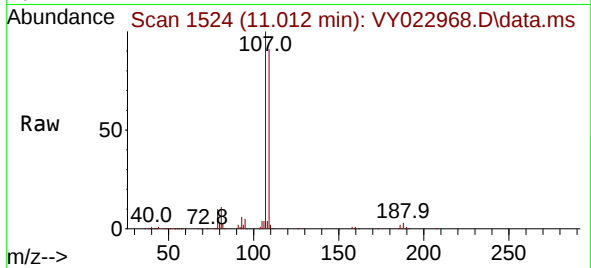




#61
1,2-Dibromoethane
Concen: 50.571 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

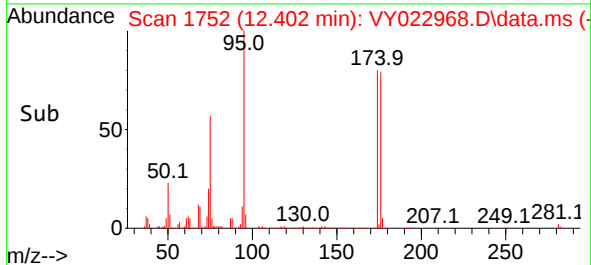
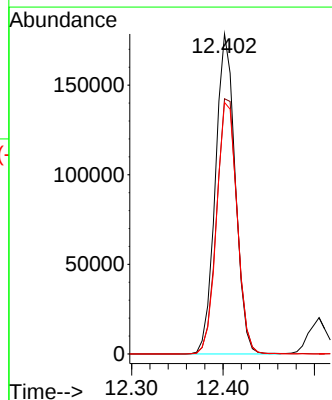
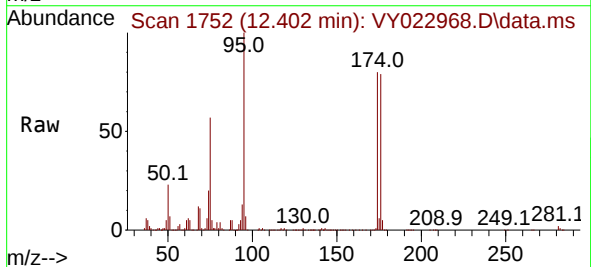
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

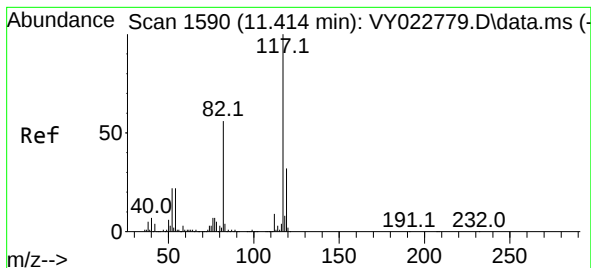
Tgt Ion:107 Resp: 161320
Ion Ratio Lower Upper
107 100
109 93.1 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 49.655 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 95 Resp: 269321
Ion Ratio Lower Upper
95 100
174 82.3 0.0 170.0
176 81.0 0.0 166.2

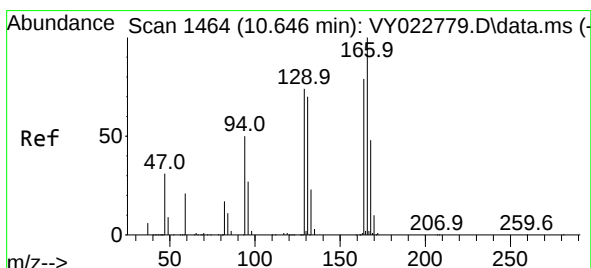
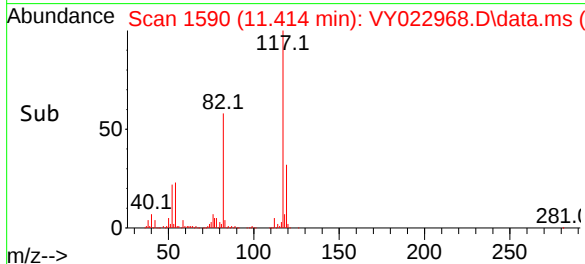
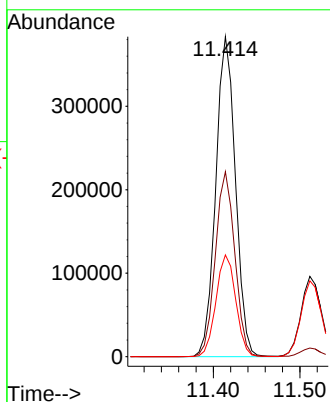
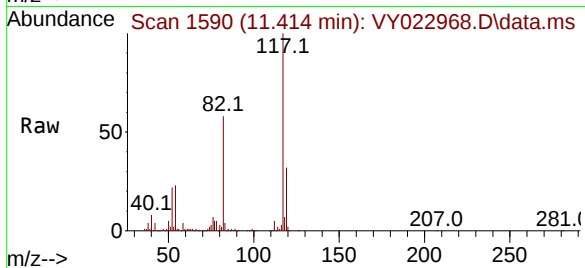




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

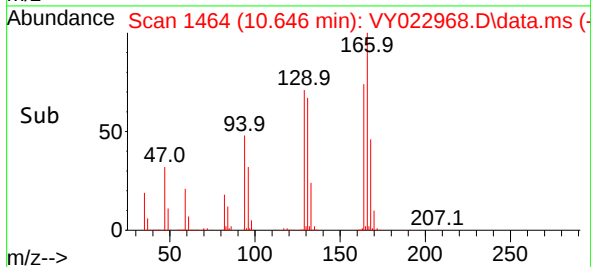
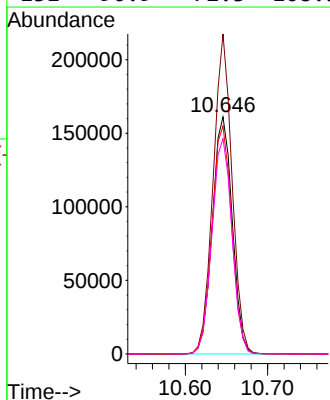
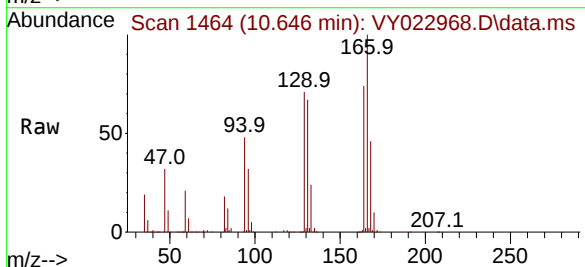
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

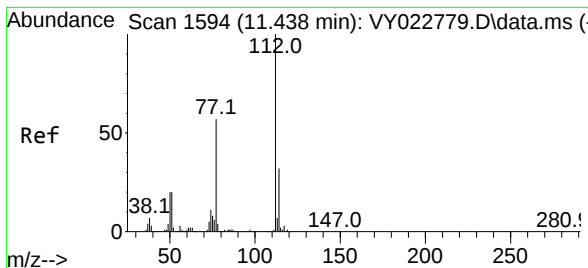
Tgt Ion:117 Resp: 604420
Ion Ratio Lower Upper
117 100
82 57.8 44.6 66.8
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 47.532 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion:164 Resp: 271407
Ion Ratio Lower Upper
164 100
166 135.1 104.0 156.0
129 96.2 74.5 111.7
131 90.9 72.3 108.5

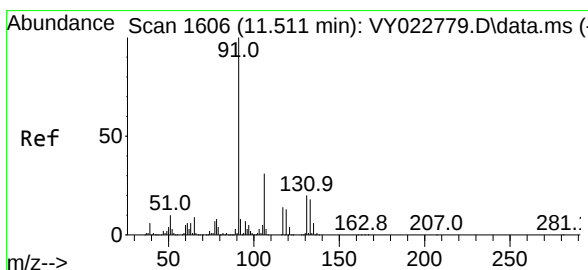
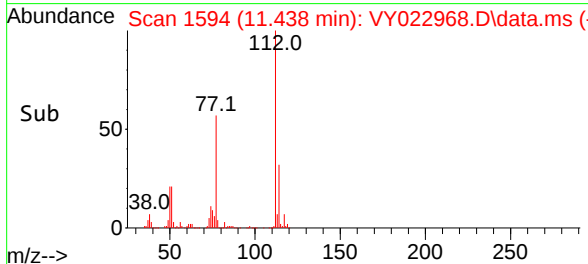
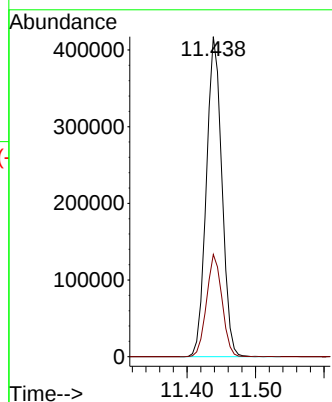
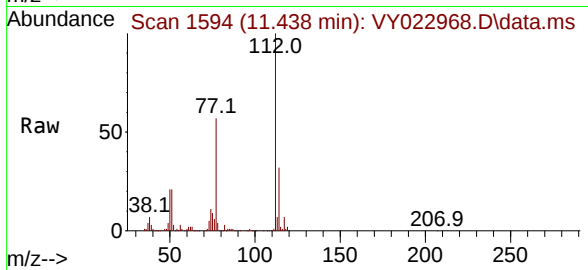




#65
Chlorobenzene
Concen: 49.587 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

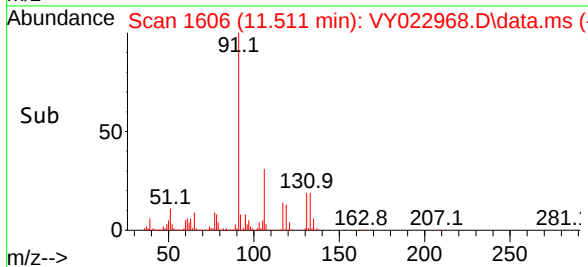
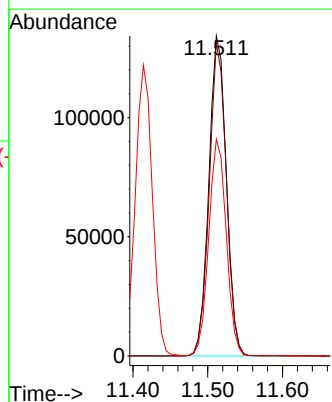
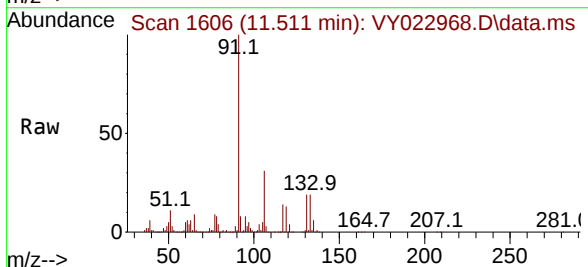
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

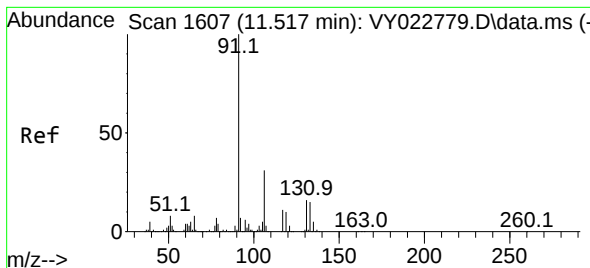
Tgt Ion:112 Resp: 658562
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 48.613 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion:131 Resp: 218679
Ion Ratio Lower Upper
131 100
133 95.7 47.3 141.8
119 67.8 33.1 99.3

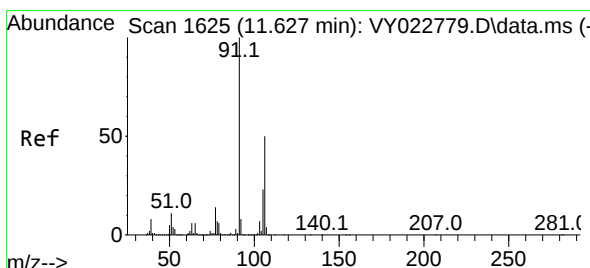
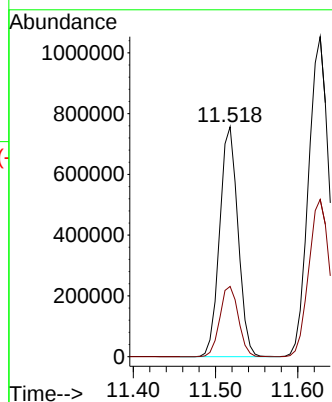
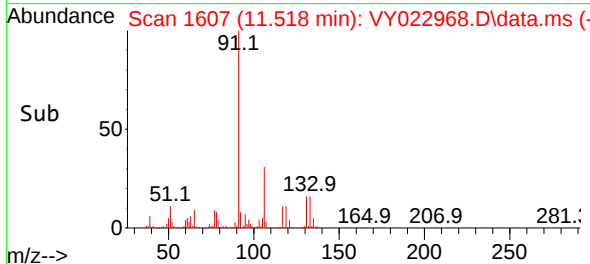
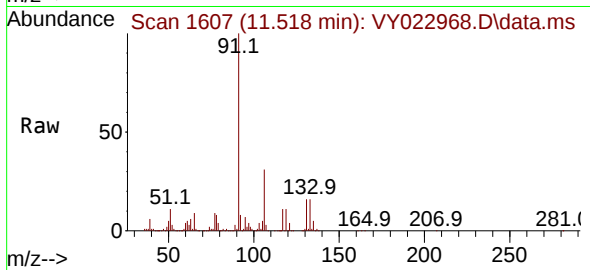




#67
Ethyl Benzene
Concen: 50.283 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

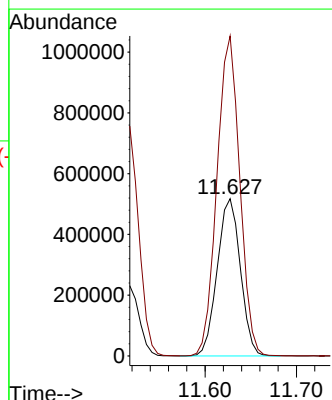
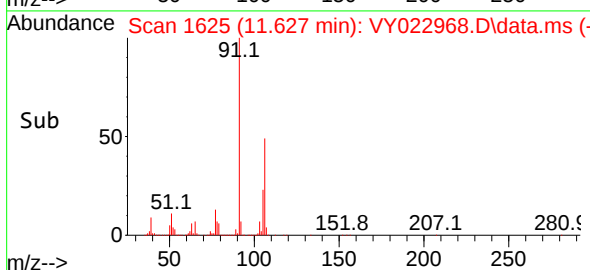
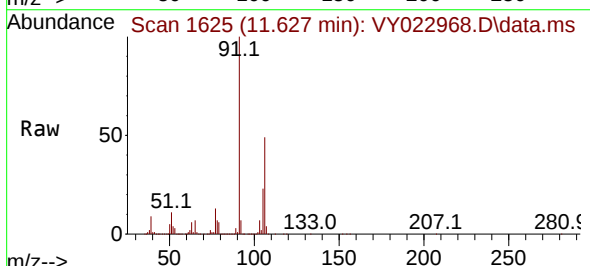
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

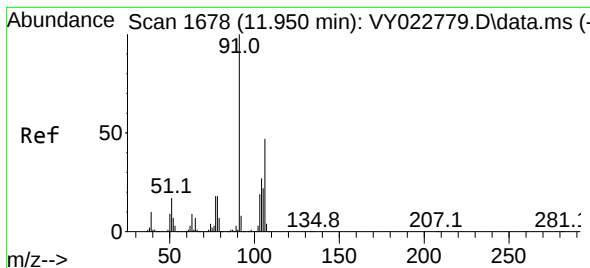
Tgt Ion: 91 Resp: 1173329
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4



#68
m/p-Xylenes
Concen: 100.827 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion:106 Resp: 909491
Ion Ratio Lower Upper
106 100
91 200.7 159.4 239.0

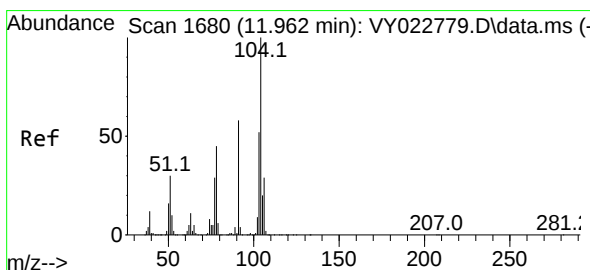
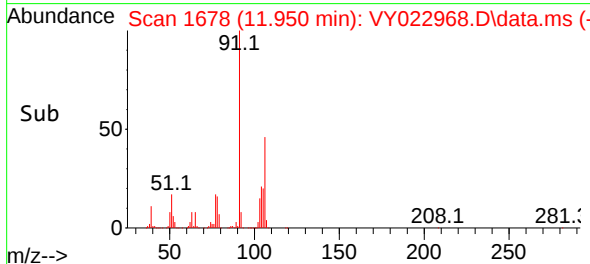
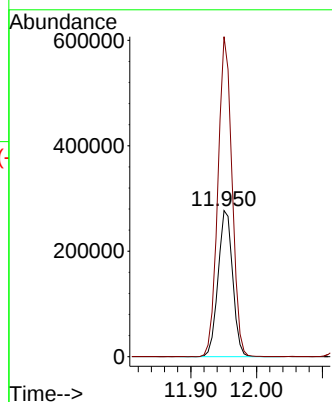
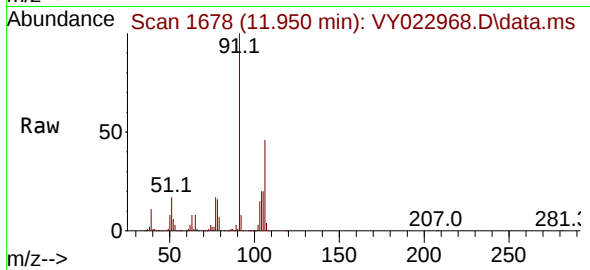




#69
o-Xylene
Concen: 50.241 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

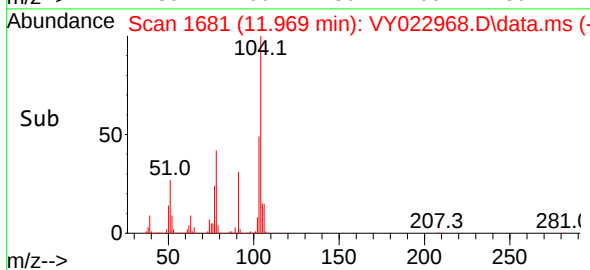
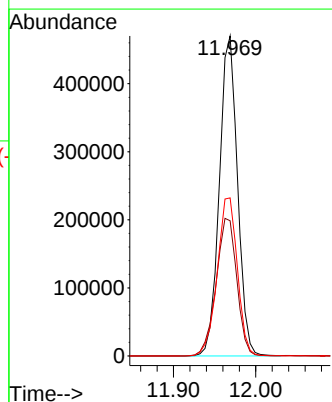
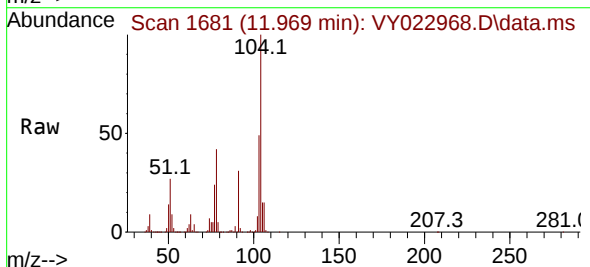
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

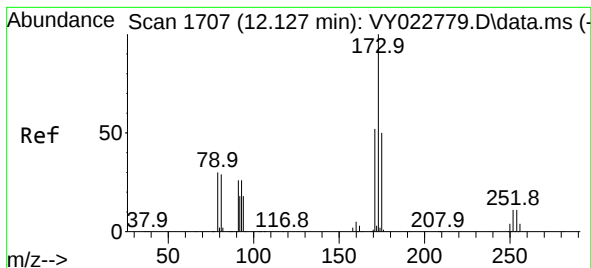
Tgt Ion:106 Resp: 427017
Ion Ratio Lower Upper
106 100
91 212.4 105.8 317.3



#70
Styrene
Concen: 50.745 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion:104 Resp: 722455
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 54.9 44.1 66.1





#71

Bromoform

Concen: 50.562 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

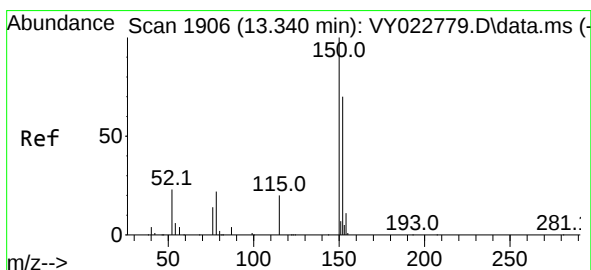
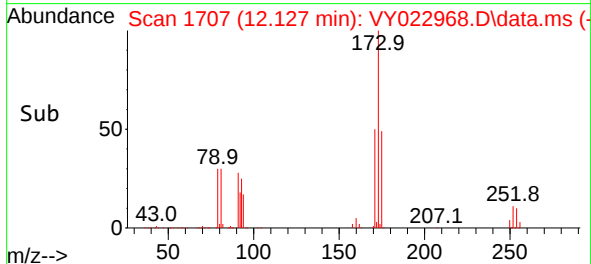
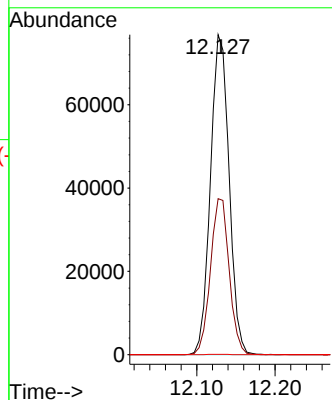
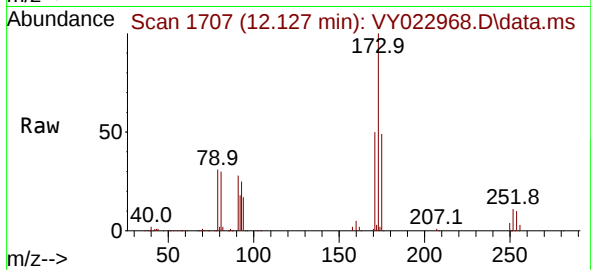
Tgt Ion:173 Resp: 126644

Ion Ratio Lower Upper

173 100

175 49.1 23.8 71.5

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

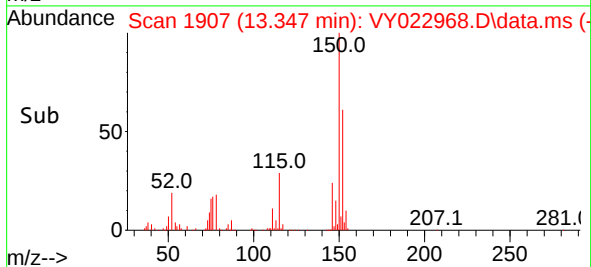
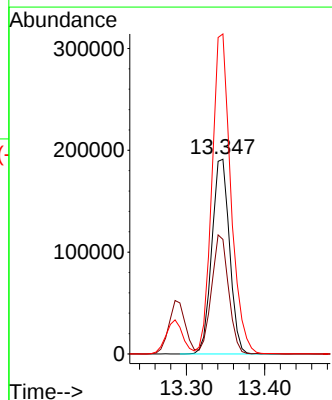
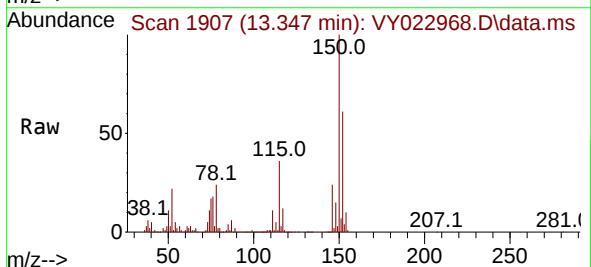
Tgt Ion:152 Resp: 299896

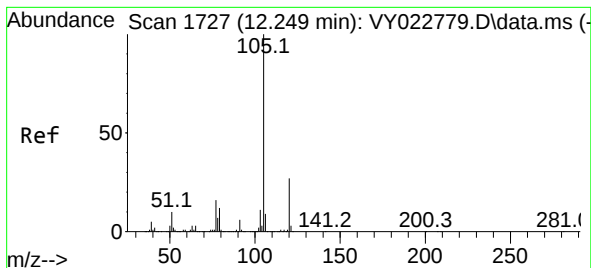
Ion Ratio Lower Upper

152 100

115 58.6 28.9 86.7

150 175.3 0.0 349.6





#73

Isopropylbenzene

Concen: 49.876 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. -0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

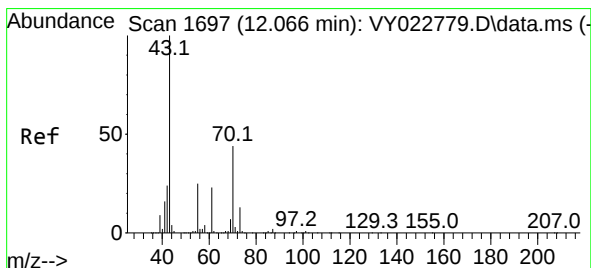
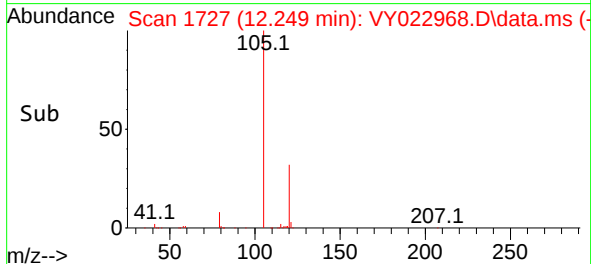
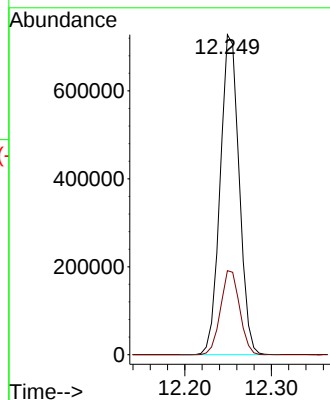
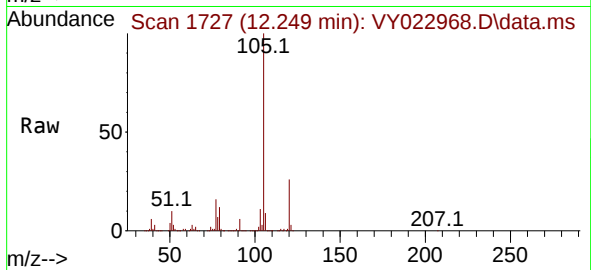
VSTDCCC050

Tgt Ion:105 Resp: 1106215

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



#74

N-ethyl acetate

Concen: 55.468 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Tgt Ion: 43 Resp: 276141

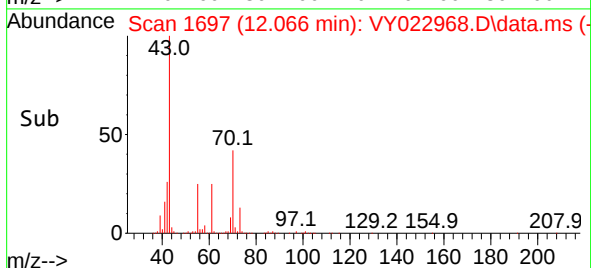
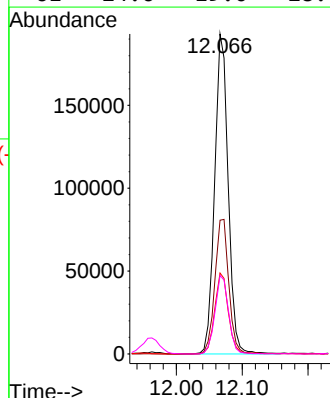
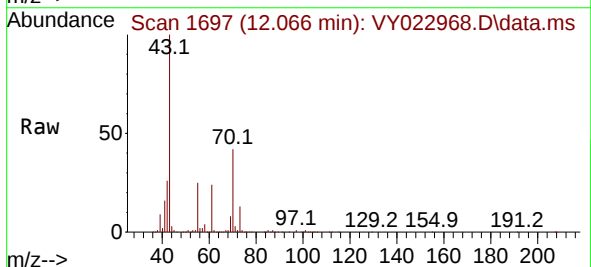
Ion Ratio Lower Upper

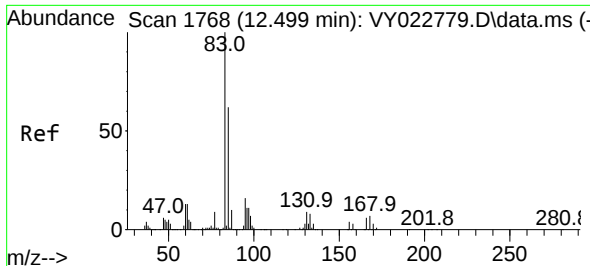
43 100

70 43.6 34.2 51.2

55 25.7 18.2 27.4

61 24.6 19.0 28.6

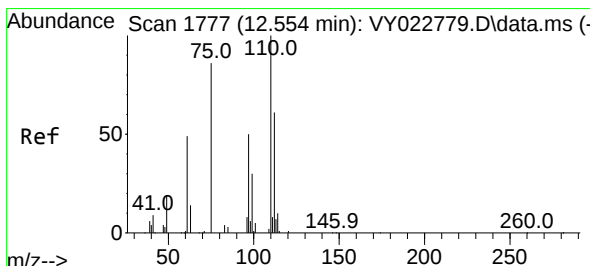
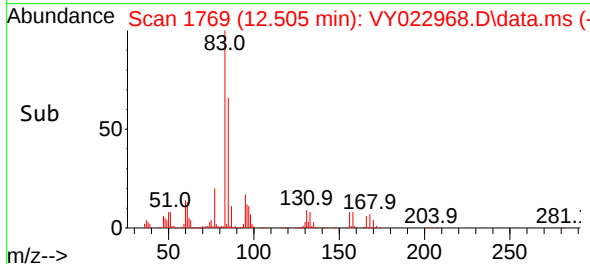
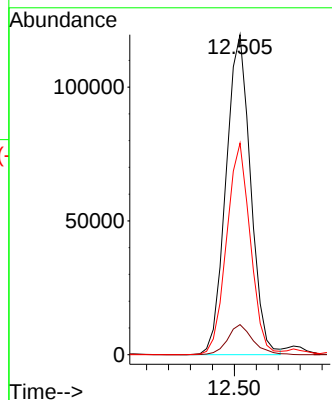
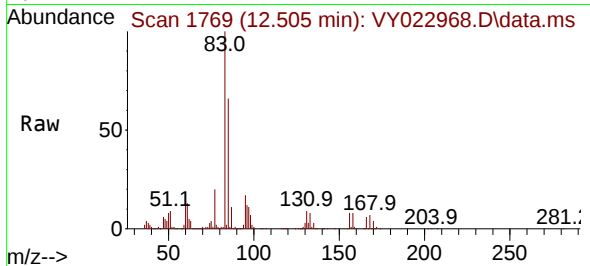




#75
1,1,2,2-Tetrachloroethane
Concen: 52.075 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

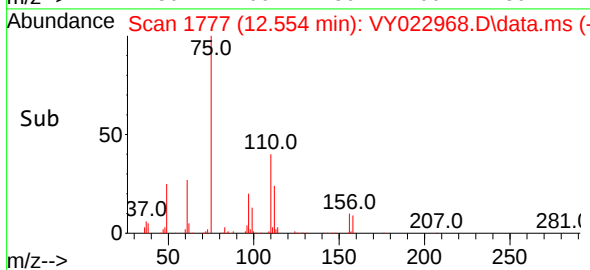
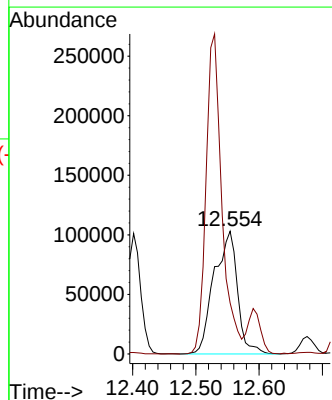
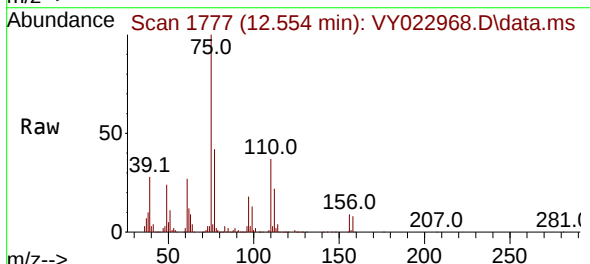
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

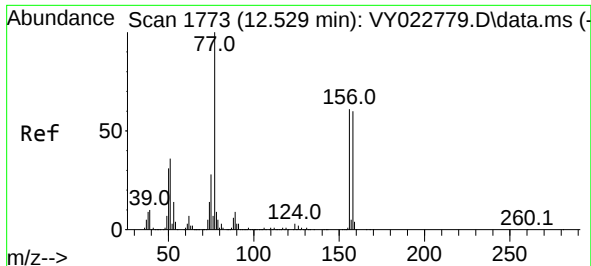
Tgt Ion: 83 Resp: 186145
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 63.8 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 86.335 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 75 Resp: 264331
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

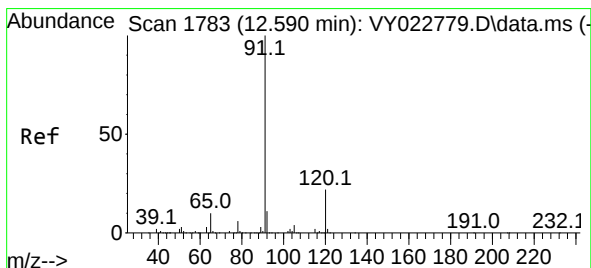
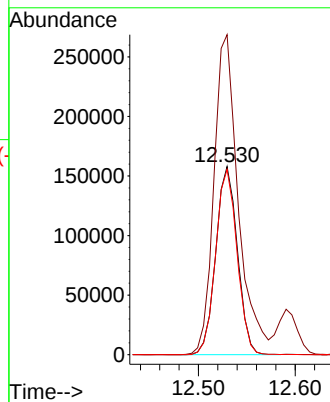
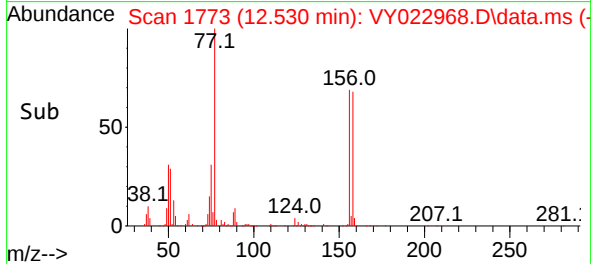
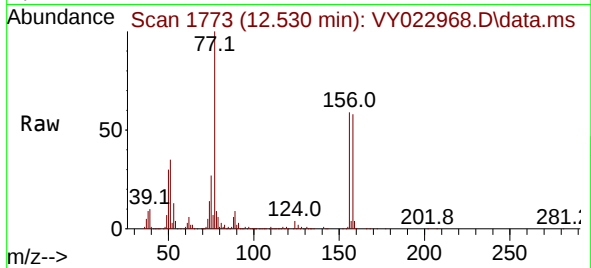




#77
Bromobenzene
Concen: 48.689 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

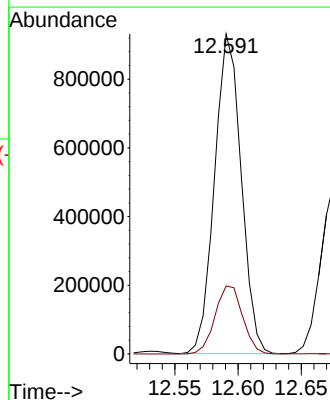
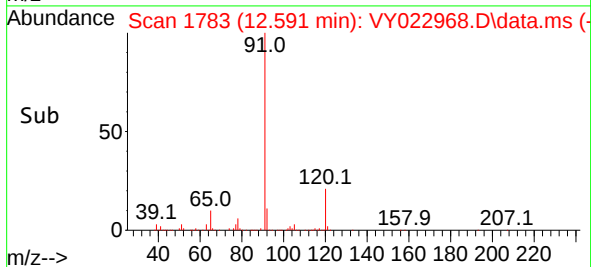
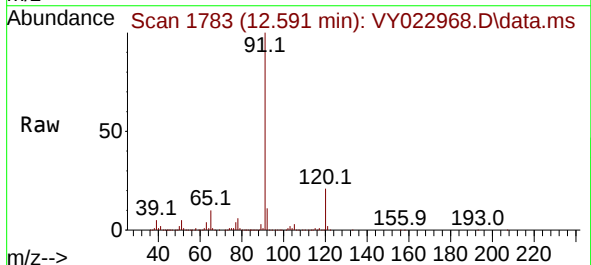
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

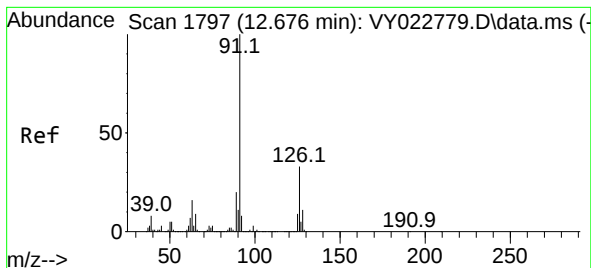
Tgt Ion:156 Resp: 244775
Ion Ratio Lower Upper
156 100
77 191.5 94.0 282.1
158 97.8 48.2 144.6



#78
n-propylbenzene
Concen: 50.851 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 91 Resp: 1361710
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4

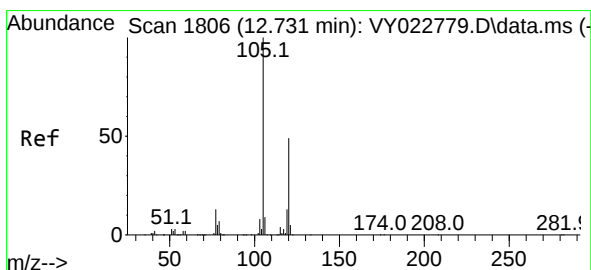
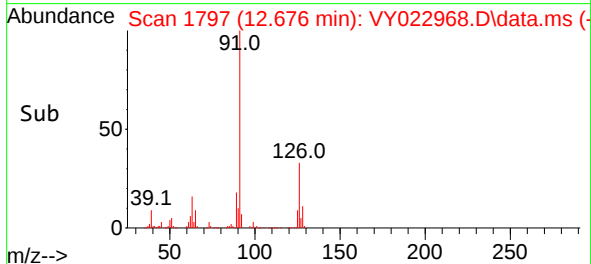
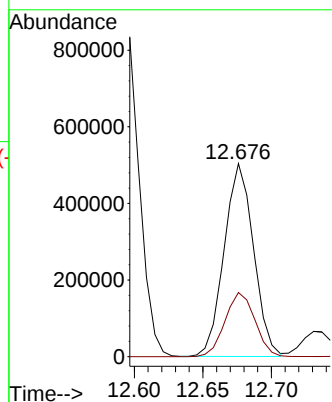
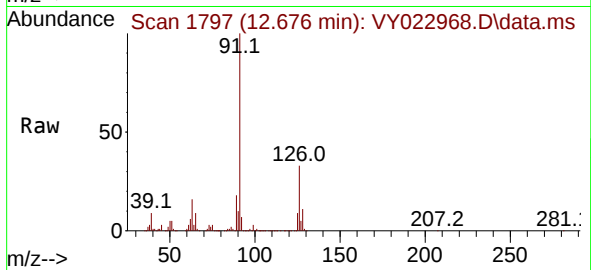




#79
2-Chlorotoluene
Concen: 49.747 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

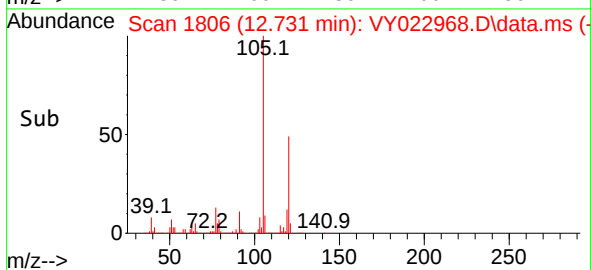
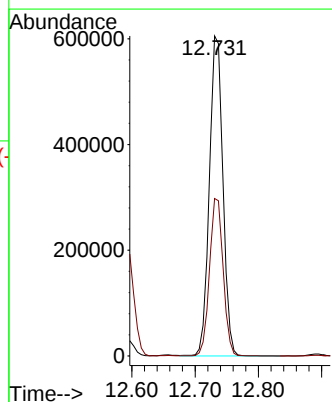
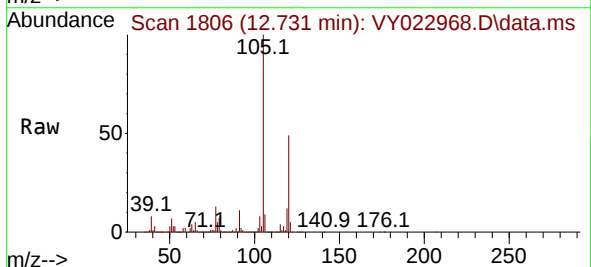
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

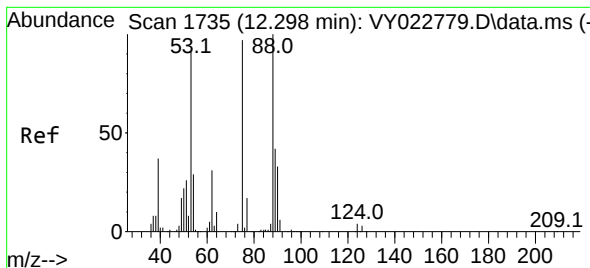
Tgt Ion: 91 Resp: 752647
Ion Ratio Lower Upper
91 100
126 33.9 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 50.436 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 105 Resp: 903028
Ion Ratio Lower Upper
105 100
120 49.5 24.1 72.4

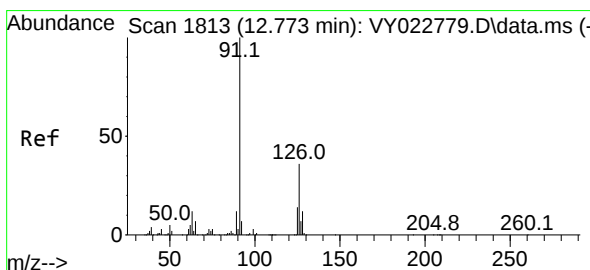
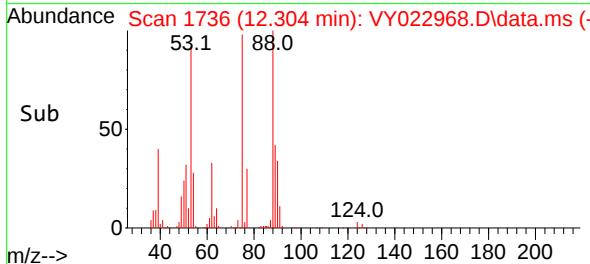
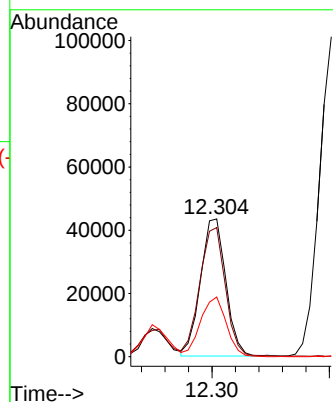
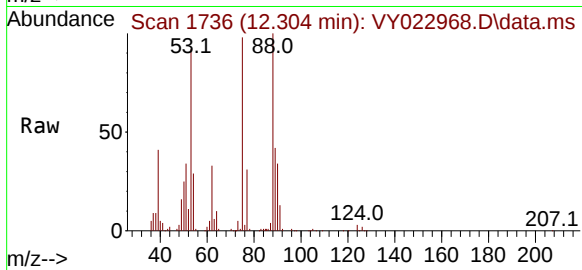




#81
trans-1,4-Dichloro-2-butene
Concen: 53.600 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

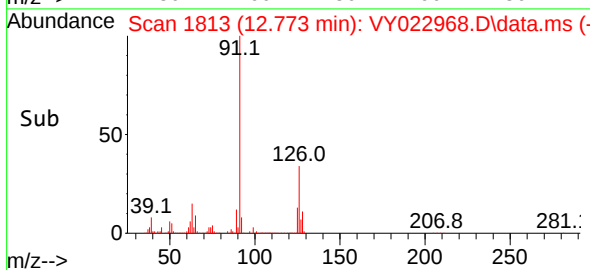
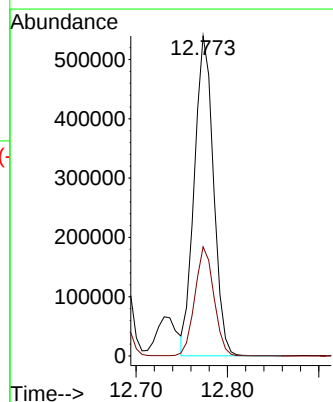
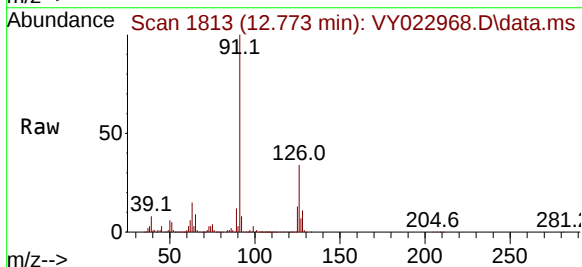
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

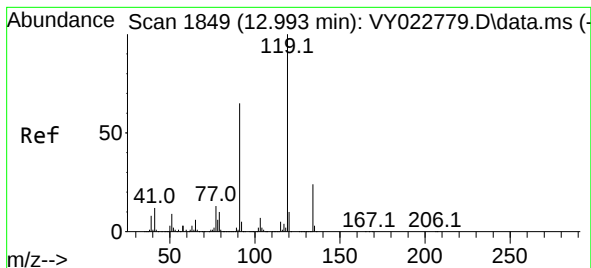
Tgt Ion: 75 Resp: 64957
Ion Ratio Lower Upper
75 100
53 95.2 78.5 117.7
89 44.5 35.7 53.5



#82
4-Chlorotoluene
Concen: 49.348 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 91 Resp: 784229
Ion Ratio Lower Upper
91 100
126 34.0 17.0 50.9





#83

tert-Butylbenzene

Concen: 51.713 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

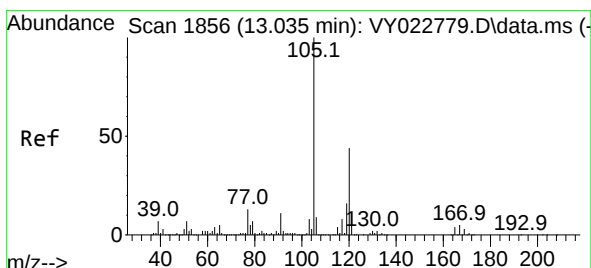
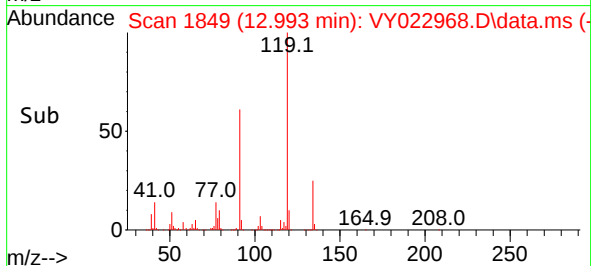
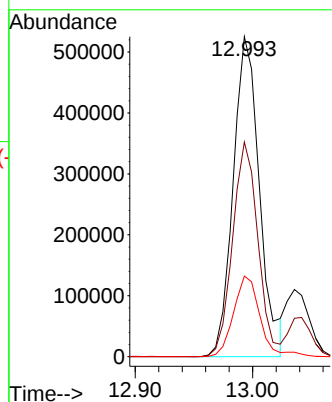
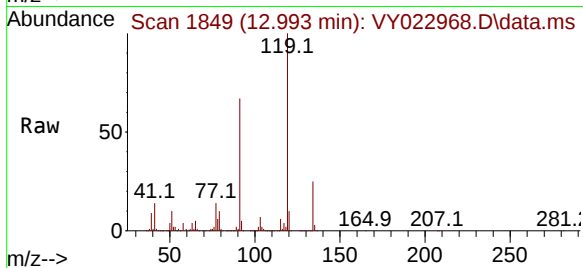
Tgt Ion:119 Resp: 816569

Ion Ratio Lower Upper

119 100

91 64.7 32.1 96.3

134 25.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.709 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022968.D

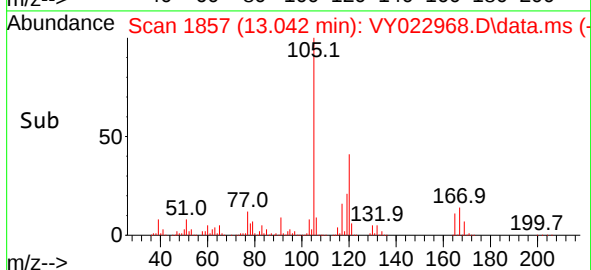
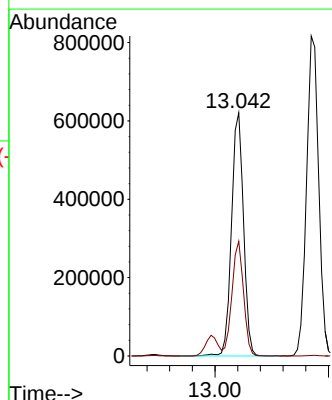
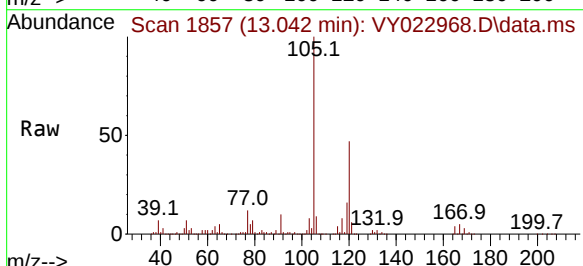
Acq: 08 Jul 2025 11:15

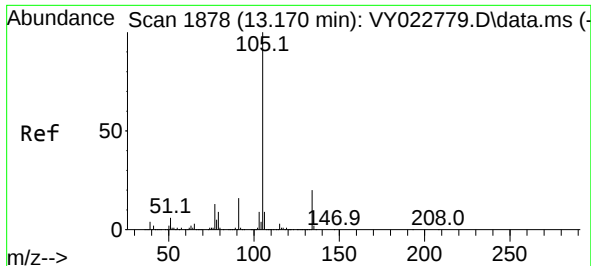
Tgt Ion:105 Resp: 909008

Ion Ratio Lower Upper

105 100

120 45.6 22.7 68.1

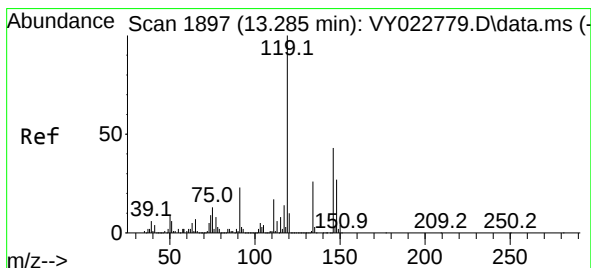
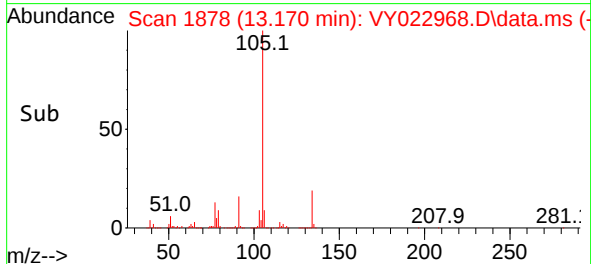
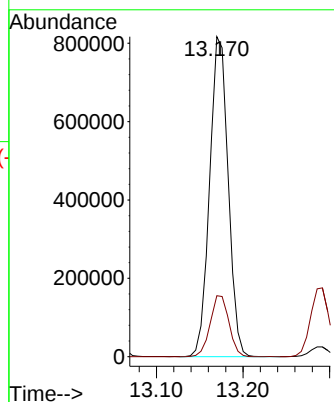
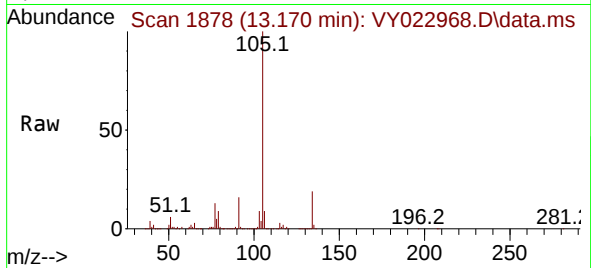




#85
 sec-Butylbenzene
 Concen: 51.047 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. -0.006 min
 Lab File: VY022968.D
 Acq: 08 Jul 2025 11:15

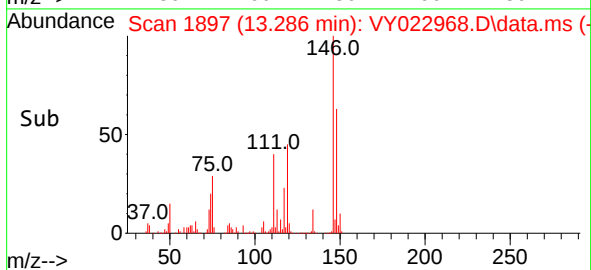
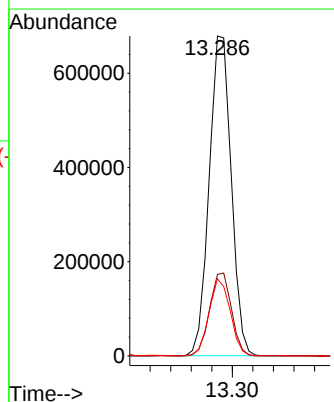
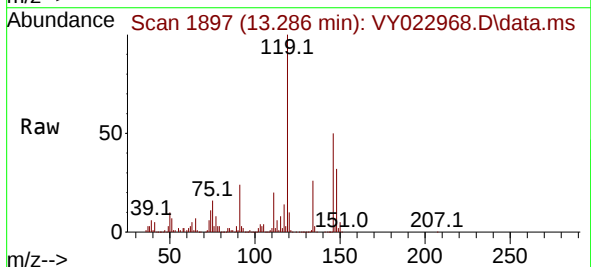
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

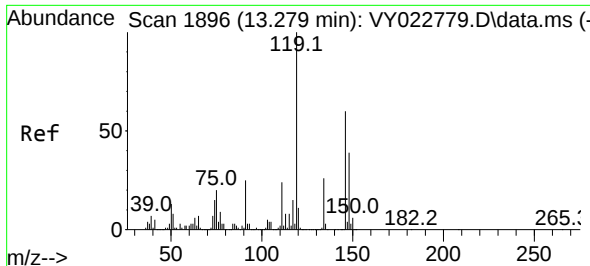
Tgt Ion:105 Resp: 1212780
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 51.071 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022968.D
 Acq: 08 Jul 2025 11:15

Tgt Ion:119 Resp: 1009710
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 23.3 11.6 34.8

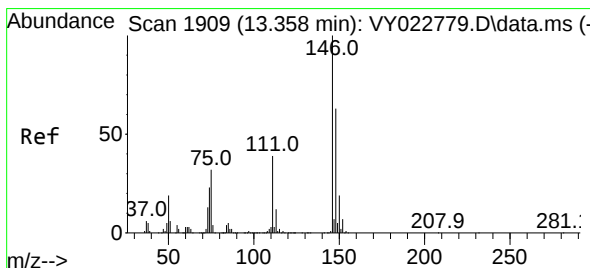
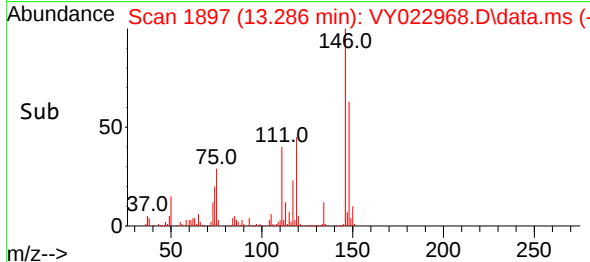
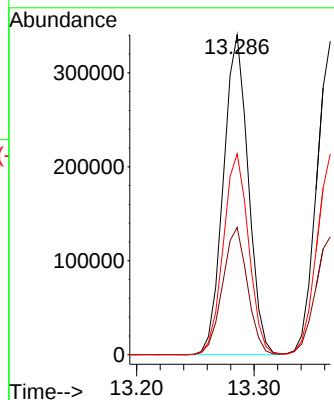
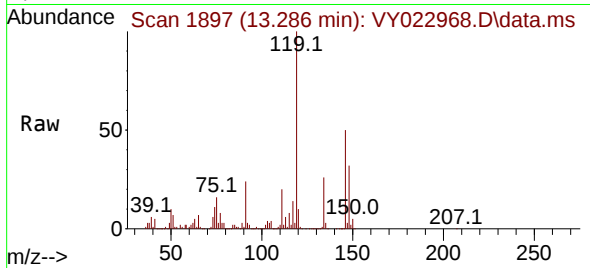




#87
 1,3-Dichlorobenzene
 Concen: 49.630 ug/l
 RT: 13.286 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022968.D
 Acq: 08 Jul 2025 11:15

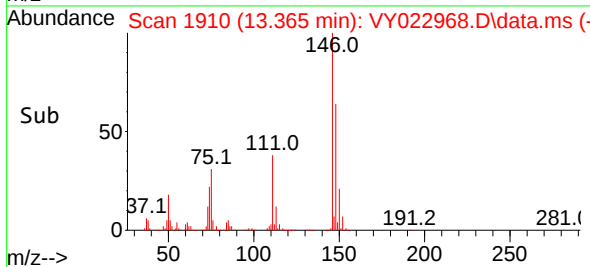
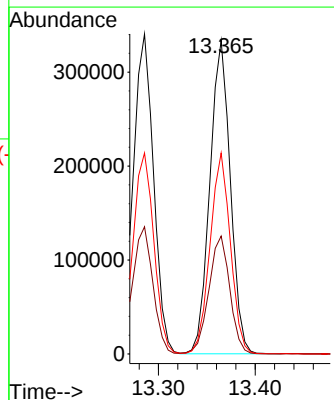
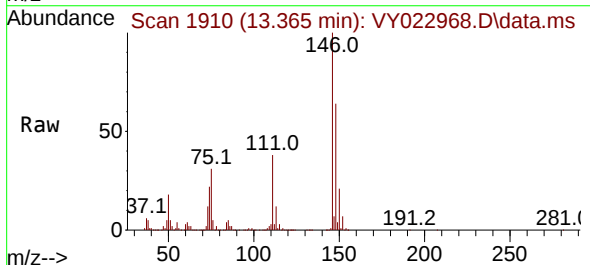
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

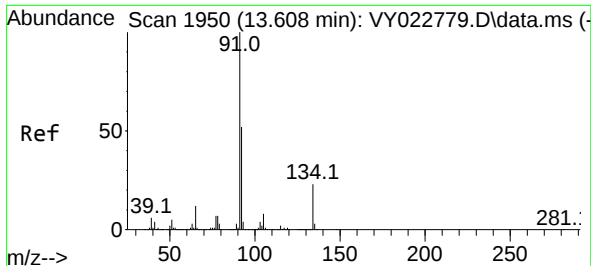
Tgt Ion:146 Resp: 501096
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.1 60.2
 148 64.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.945 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022968.D
 Acq: 08 Jul 2025 11:15

Tgt Ion:146 Resp: 490881
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.2
 148 63.6 31.6 94.8

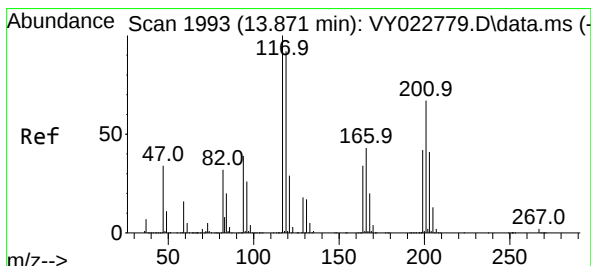
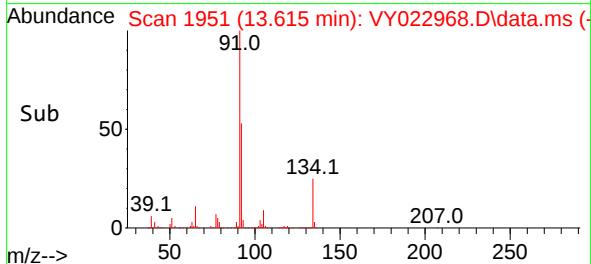
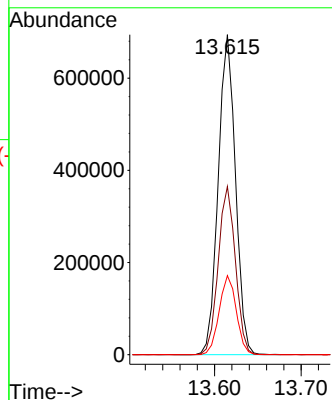
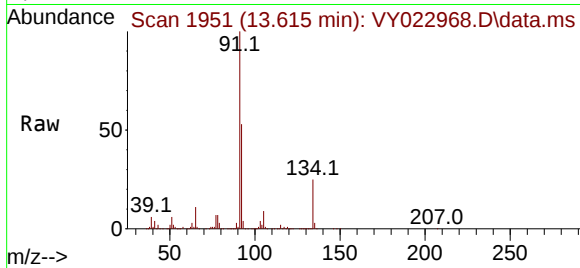




#89
n-Butylbenzene
Concen: 51.532 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

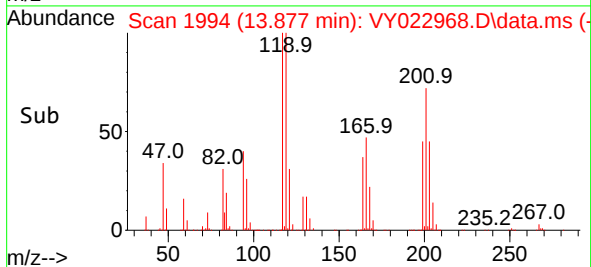
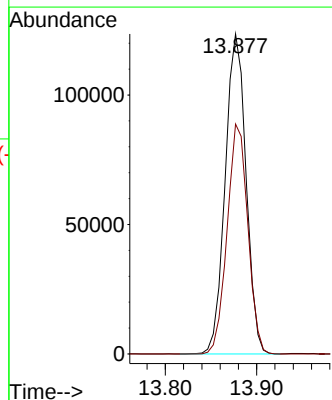
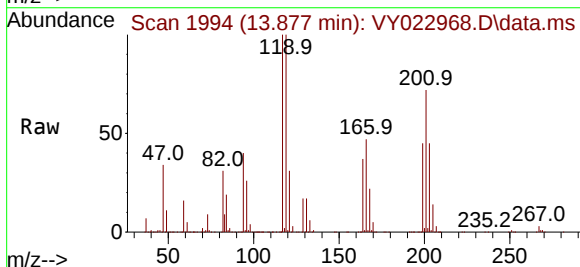
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

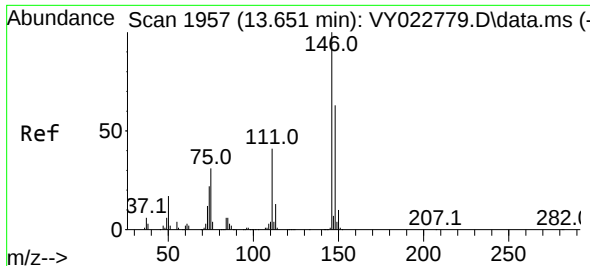
Tgt Ion: 91 Resp: 958353
Ion Ratio Lower Upper
91 100
92 52.5 25.9 77.8
134 24.6 12.0 36.1



#90
Hexachloroethane
Concen: 49.824 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY022968.D
Acq: 08 Jul 2025 11:15

Tgt Ion: 117 Resp: 196196
Ion Ratio Lower Upper
117 100
201 71.3 34.0 102.0

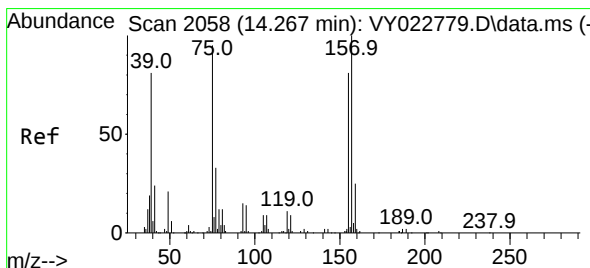
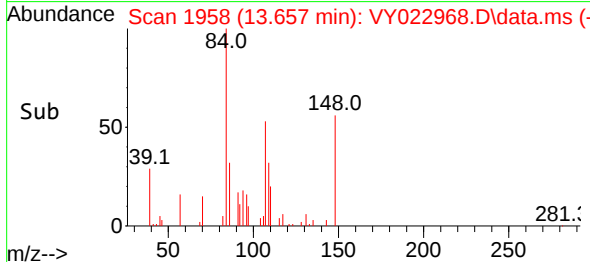
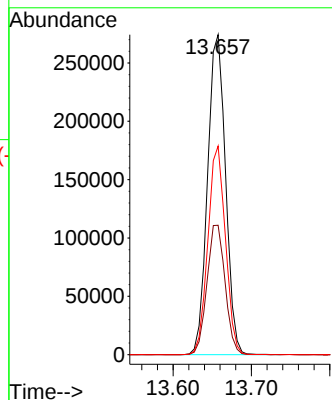
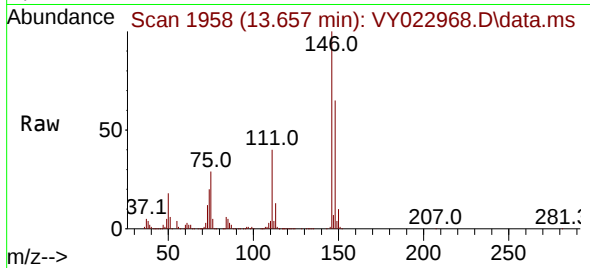




#91
 1,2-Dichlorobenzene
 Concen: 49.040 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022968.D
 Acq: 08 Jul 2025 11:15

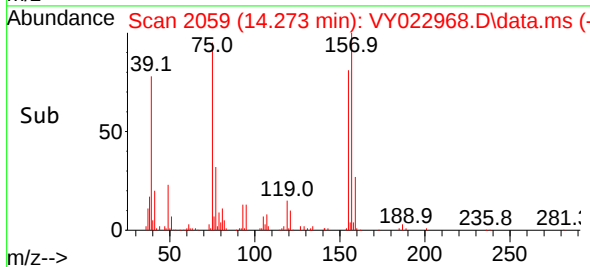
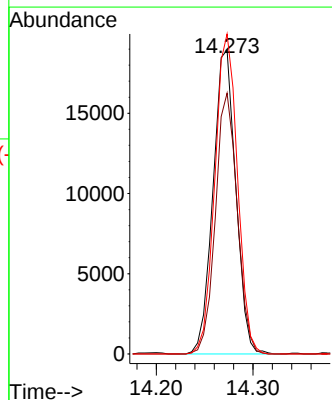
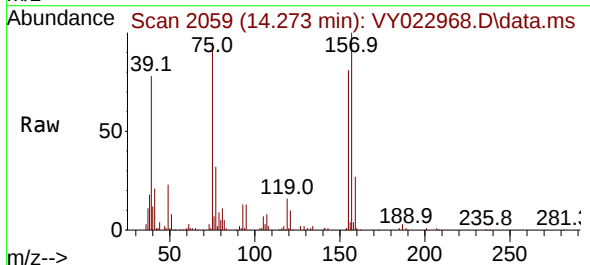
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

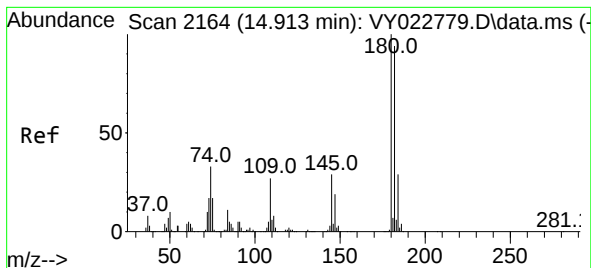
Tgt Ion:146 Resp: 436344
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.2 60.6
 148 63.7 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.996 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022968.D
 Acq: 08 Jul 2025 11:15

Tgt Ion: 75 Resp: 30913
 Ion Ratio Lower Upper
 75 100
 155 82.3 39.9 119.6
 157 104.6 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 48.159 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

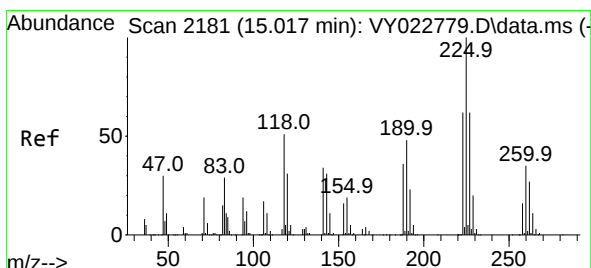
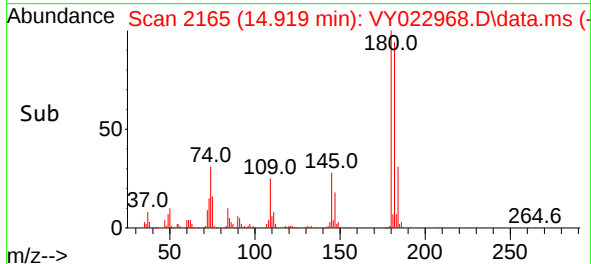
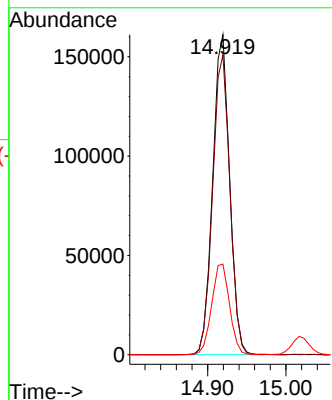
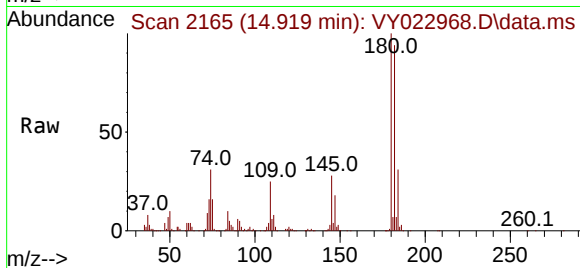
Tgt Ion:180 Resp: 241936

Ion Ratio Lower Upper

180 100

182 95.3 48.4 145.3

145 29.9 15.5 46.5



#94

Hexachlorobutadiene

Concen: 47.395 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

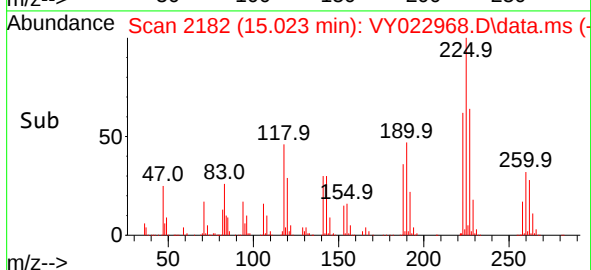
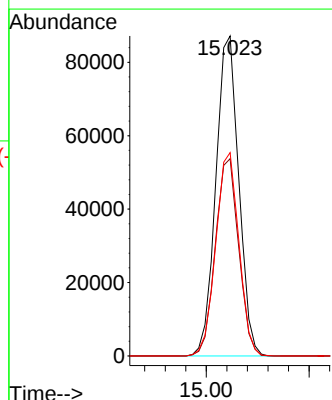
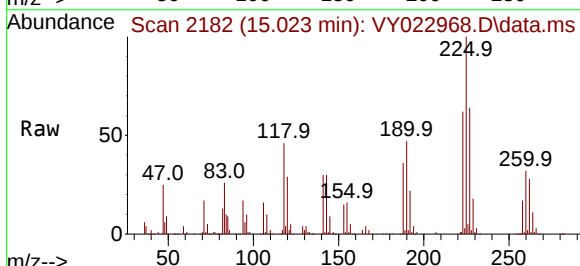
Tgt Ion:225 Resp: 134640

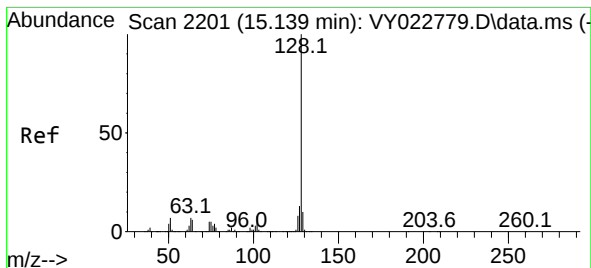
Ion Ratio Lower Upper

225 100

223 62.7 32.5 97.4

227 64.2 32.3 96.9





#95

Naphthalene

Concen: 50.229 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

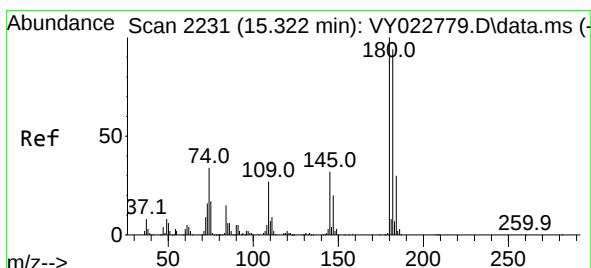
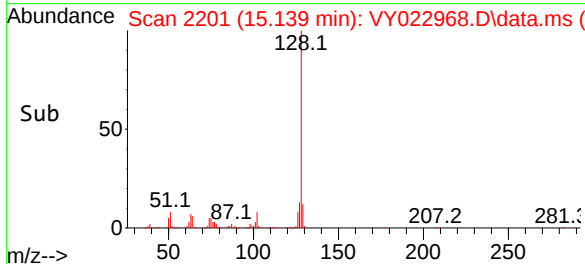
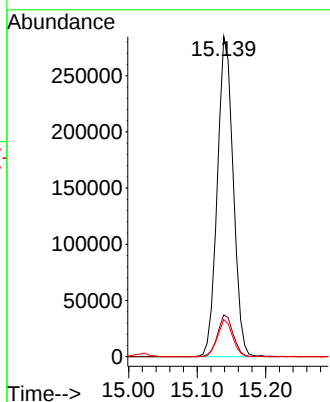
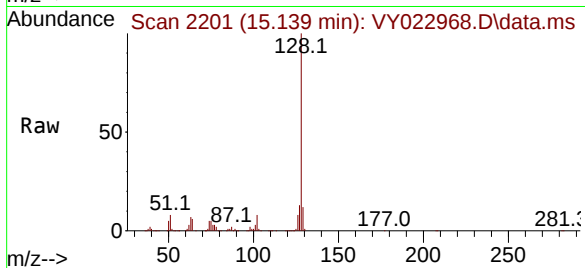
Tgt Ion:128 Resp: 456314

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 47.831 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022968.D

Acq: 08 Jul 2025 11:15

Tgt Ion:180 Resp: 207639

Ion Ratio Lower Upper

180 100

182 96.1 47.1 141.3

145 31.1 15.2 45.6

