

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022428.D
 Acq On : 27 May 2025 11:56
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052725

Quant Time: May 28 15:25:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	253507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	425137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	371169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	177242	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135927	50.905	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.800%	
35) Dibromofluoromethane	7.634	113	126788	50.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.840%	
50) Toluene-d8	10.109	98	516469	50.886	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.780%	
62) 4-Bromofluorobenzene	12.408	95	155747	50.731	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	103680	42.867	ug/l	98
3) Chloromethane	2.068	50	343646	57.762	ug/l	96
4) Vinyl Chloride	2.202	62	378150	52.322	ug/l	99
5) Bromomethane	2.598	94	378531	57.634	ug/l	100
6) Chloroethane	2.733	64	272398	57.677	ug/l	99
7) Trichlorofluoromethane	3.050	101	341076	55.933	ug/l	98
8) Diethyl Ether	3.458	74	74240	52.801	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	125740	47.001	ug/l	99
10) Methyl Iodide	4.007	142	147302	48.805	ug/l	100
11) Tert butyl alcohol	4.891	59	53913	286.443	ug/l	98
12) 1,1-Dichloroethene	3.787	96	129146	48.624	ug/l	96
13) Acrolein	3.653	56	75220	266.723	ug/l	100
14) Allyl chloride	4.385	41	206704	51.736	ug/l	99
15) Acrylonitrile	5.061	53	157491	277.887	ug/l	100
16) Acetone	3.885	43	127318	290.164	ug/l	93
17) Carbon Disulfide	4.110	76	422273	49.820	ug/l	100
18) Methyl Acetate	4.385	43	98344	59.833	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	376709	53.423	ug/l	99
20) Methylene Chloride	4.616	84	147382	47.566	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	149045	51.401	ug/l	96
22) Diisopropyl ether	6.025	45	453438	51.423	ug/l	98
23) Vinyl Acetate	5.964	43	1330055	262.697	ug/l	100
24) 1,1-Dichloroethane	5.915	63	270725	51.958	ug/l	99
25) 2-Butanone	6.896	43	208354	285.123	ug/l	98
26) 2,2-Dichloropropane	6.890	77	238523	50.556	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	171895	51.208	ug/l	99
28) Bromochloromethane	7.250	49	114068	52.427	ug/l	99
29) Tetrahydrofuran	7.268	42	136796	280.691	ug/l	99
30) Chloroform	7.427	83	263982	51.416	ug/l	99
31) Cyclohexane	7.701	56	228904	44.566	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	234335	50.290	ug/l	98
36) 1,1-Dichloropropene	7.835	75	198705	50.295	ug/l	99
37) Ethyl Acetate	6.988	43	91969	54.775	ug/l	98
38) Carbon Tetrachloride	7.823	117	204881	49.782	ug/l	99
39) Methylcyclohexane	9.109	83	253073	48.189	ug/l	99
40) Benzene	8.079	78	609847	51.876	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	81207	79.687	ug/l #	50
42) 1,2-Dichloroethane	8.158	62	162203	52.242	ug/l	99
43) Isopropyl Acetate	8.201	43	199246	54.305	ug/l	99
44) Trichloroethene	8.866	130	151238	52.041	ug/l	98
45) 1,2-Dichloropropane	9.146	63	140797	50.975	ug/l	100
46) Dibromomethane	9.231	93	81139	52.586	ug/l	99
47) Bromodichloromethane	9.426	83	205314	51.745	ug/l	99
48) Methyl methacrylate	9.225	41	95846	56.276	ug/l	97
49) 1,4-Dioxane	9.244	88	17918	1051.366	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	519609	287.032	ug/l	100
52) Toluene	10.170	92	387936	52.832	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	199925	54.094	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	228509	52.618	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	103722	53.168	ug/l	99
56) Ethyl methacrylate	10.438	69	156757	55.994	ug/l	100
57) 1,3-Dichloropropane	10.719	76	180948	52.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	362054	259.493	ug/l	100
59) 2-Hexanone	10.762	43	347563	292.964	ug/l	99
60) Dibromochloromethane	10.914	129	133735	53.666	ug/l	99
61) 1,2-Dibromoethane	11.018	107	96584	54.130	ug/l	98
64) Tetrachloroethene	10.646	164	153515	48.564	ug/l	95
65) Chlorobenzene	11.444	112	409198	51.703	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	137345	51.219	ug/l	100
67) Ethyl Benzene	11.524	91	749047	50.971	ug/l	98
68) m/p-Xylenes	11.633	106	571164	102.513	ug/l	100
69) o-Xylene	11.957	106	268131	51.205	ug/l	100
70) Styrene	11.969	104	456865	52.397	ug/l	100
71) Bromoform	12.133	173	73628	52.420	ug/l #	98
73) Isopropylbenzene	12.255	105	698311	50.060	ug/l	100
74) N-amyl acetate	12.072	43	182818	53.559	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	117150	53.303	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	164872	92.866	ug/l #	100
77) Bromobenzene	12.536	156	151539	50.481	ug/l	98
78) n-propylbenzene	12.597	91	853326	50.973	ug/l	99
79) 2-Chlorotoluene	12.682	91	455944	50.314	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	559964	51.376	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	40088	51.064	ug/l	98
82) 4-Chlorotoluene	12.780	91	475462	50.944	ug/l	100
83) tert-Butylbenzene	12.999	119	505382	51.321	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	562945	51.325	ug/l	100
85) sec-Butylbenzene	13.176	105	755958	51.763	ug/l	99
86) p-Isopropyltoluene	13.292	119	638231	52.334	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	310435	51.396	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	298140	51.622	ug/l	100
89) n-Butylbenzene	13.615	91	601455	52.600	ug/l	100
90) Hexachloroethane	13.883	117	125908	51.881	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	255789	50.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17817	52.462	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	146574	52.407	ug/l	98
94) Hexachlorobutadiene	15.023	225	76816	52.335	ug/l	97
95) Naphthalene	15.145	128	283477	54.826	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	123635	53.900	ug/l	98

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ClientSampleId :
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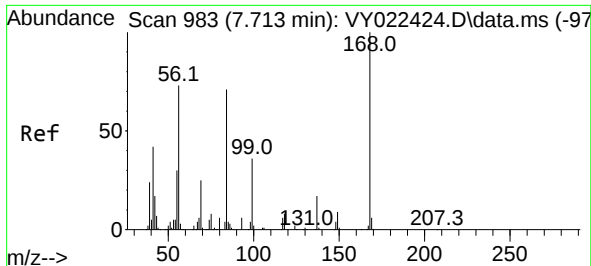
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QLast Update : Wed May 28 10:34:06 2025
Response via : Initial Calibration

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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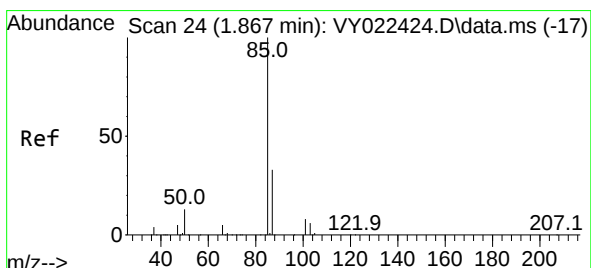
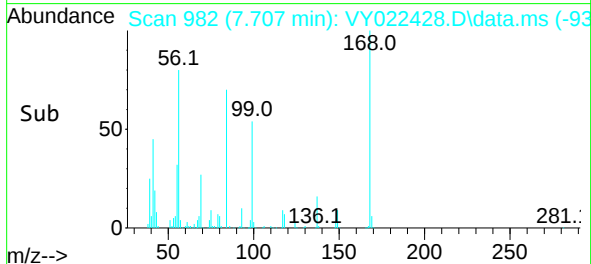
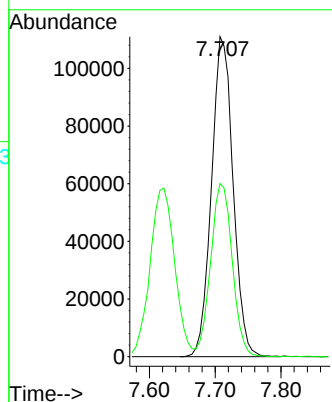
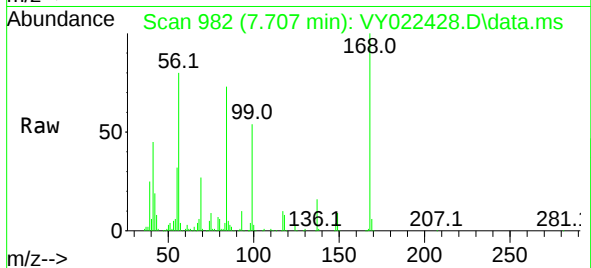




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
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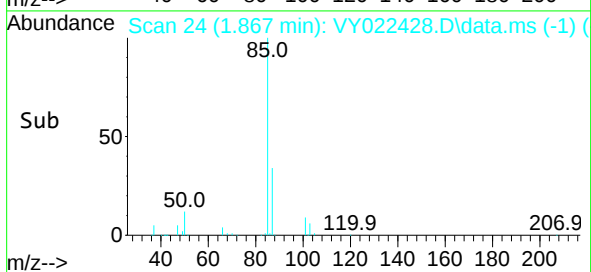
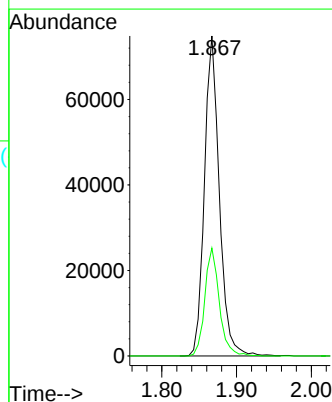
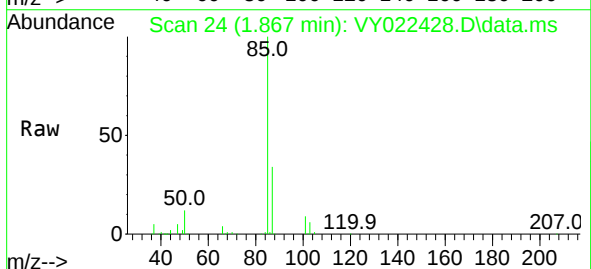
Instrument :
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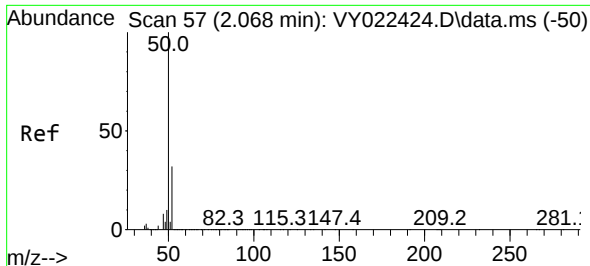
Tgt Ion:168 Resp: 253507
Ion Ratio Lower Upper
168 100
99 54.1 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 42.867 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 85 Resp: 103680
Ion Ratio Lower Upper
85 100
87 33.7 16.4 49.2

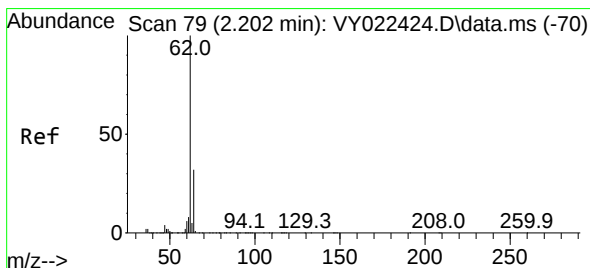
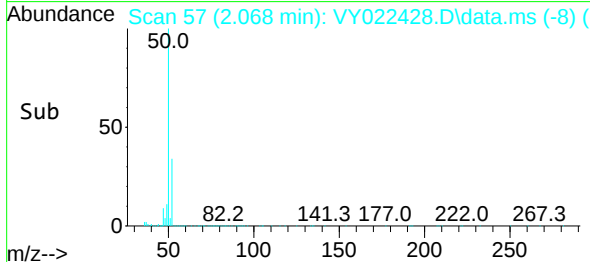
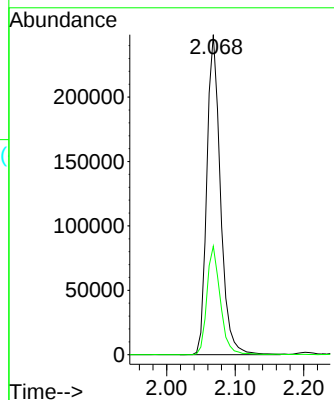
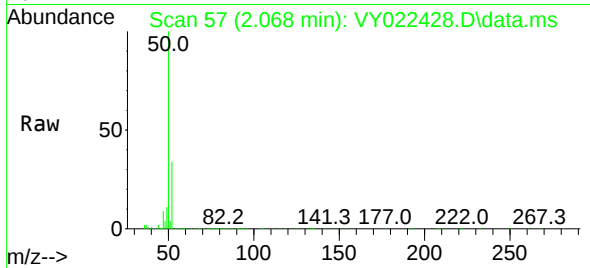




#3
Chloromethane
Concen: 57.762 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

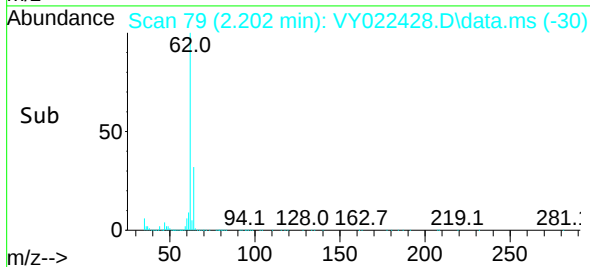
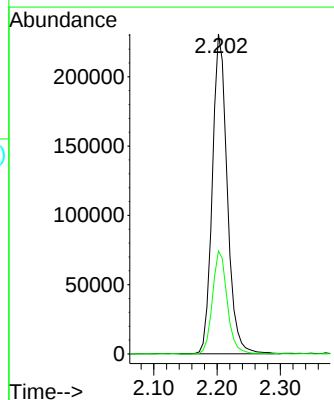
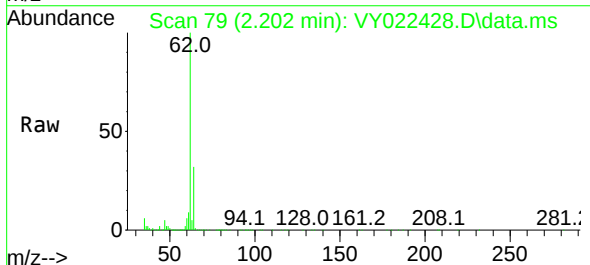
Instrument :
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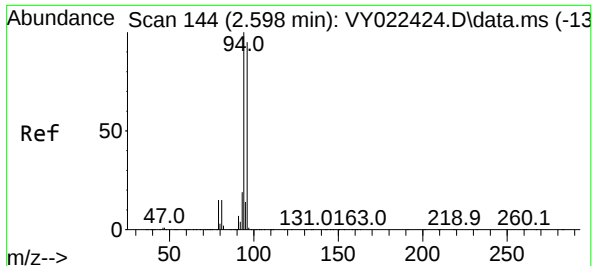
Tgt Ion: 50 Resp: 343646
Ion Ratio Lower Upper
50 100
52 33.9 25.5 38.3



#4
Vinyl Chloride
Concen: 52.322 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 62 Resp: 378150
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

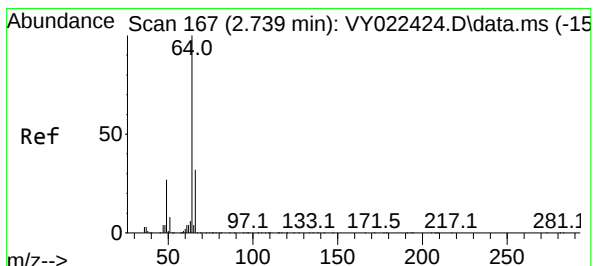
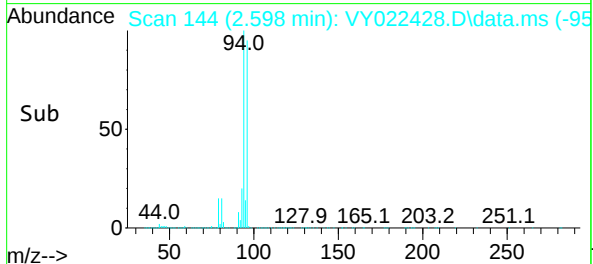
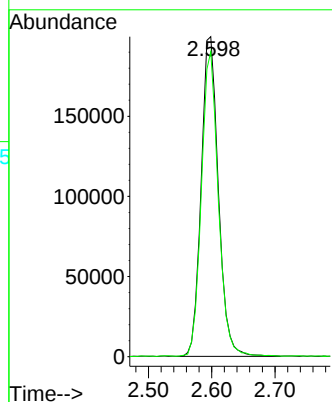
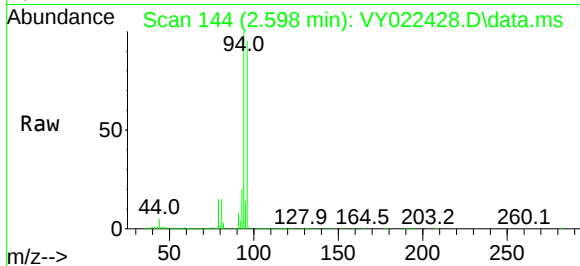




#5
Bromomethane
Concen: 57.634 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

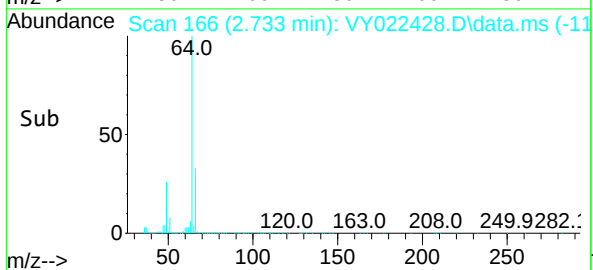
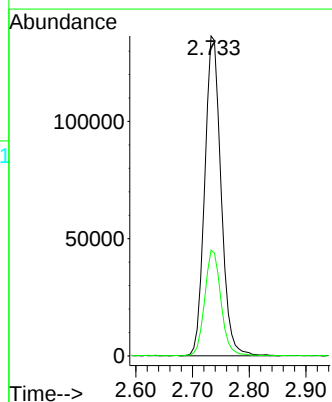
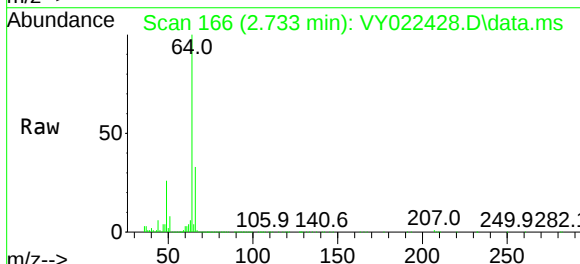
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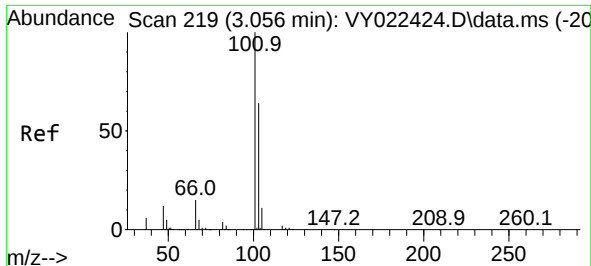
Tgt Ion: 94 Resp: 378531
Ion Ratio Lower Upper
94 100
96 95.2 76.0 114.0



#6
Chloroethane
Concen: 57.677 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 64 Resp: 272398
Ion Ratio Lower Upper
64 100
66 33.1 25.9 38.9

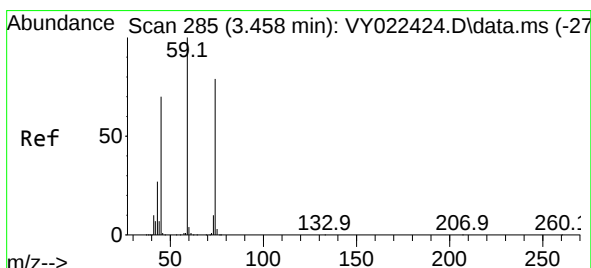
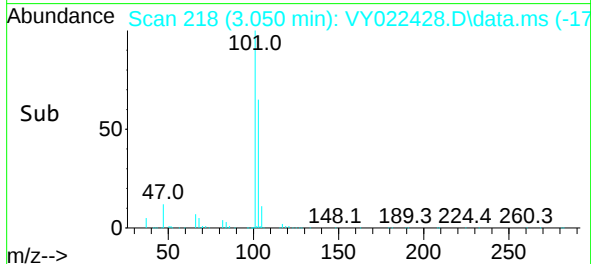
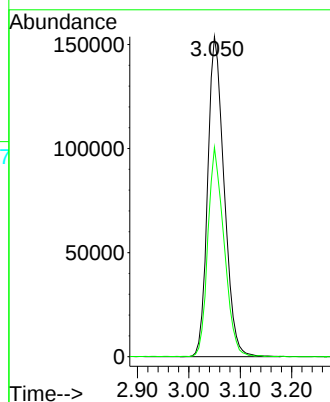
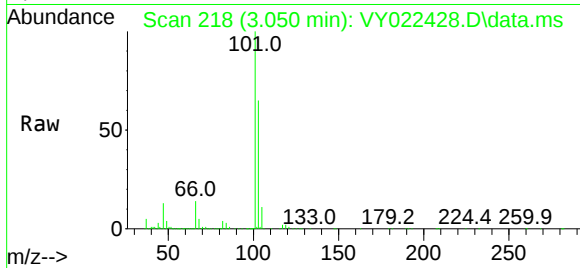




#7
 Trichlorofluoromethane
 Concen: 55.933 ug/l
 RT: 3.050 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022428.D
 Acq: 27 May 2025 11:56

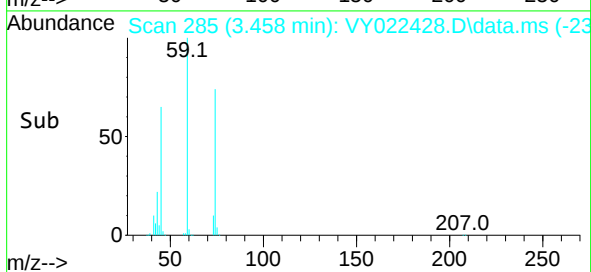
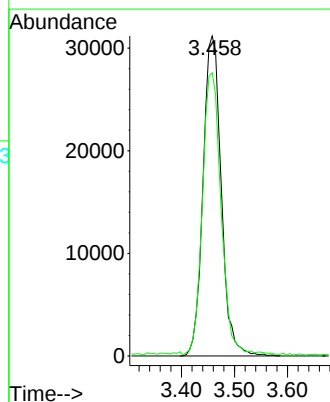
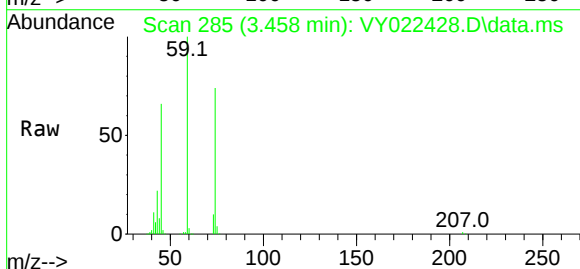
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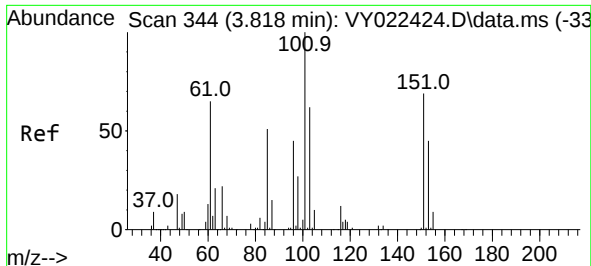
Tgt Ion:101 Resp: 341076
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.9 76.3



#8
 Diethyl Ether
 Concen: 52.801 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY022428.D
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Tgt Ion: 74 Resp: 74240
 Ion Ratio Lower Upper
 74 100
 45 90.9 44.9 134.5

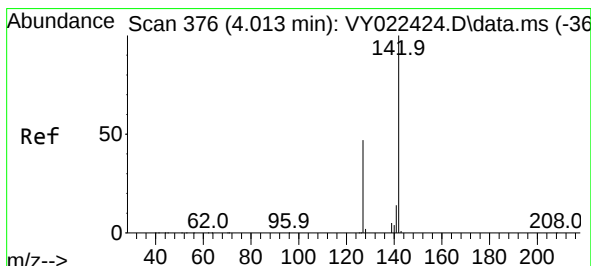
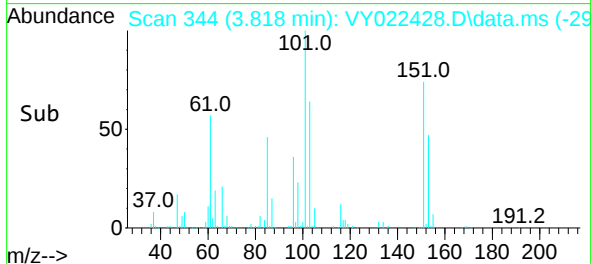
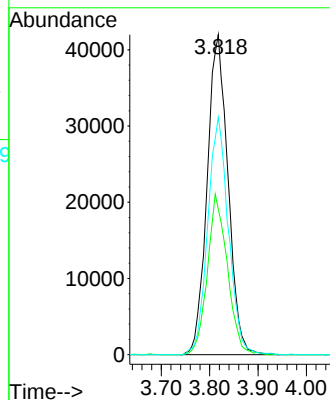
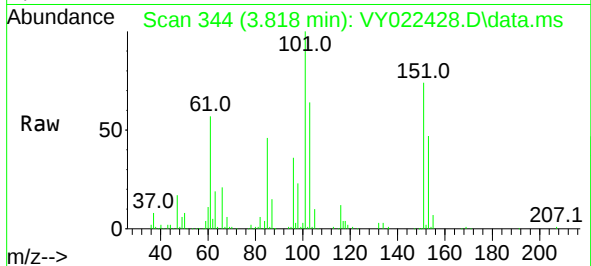




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.001 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

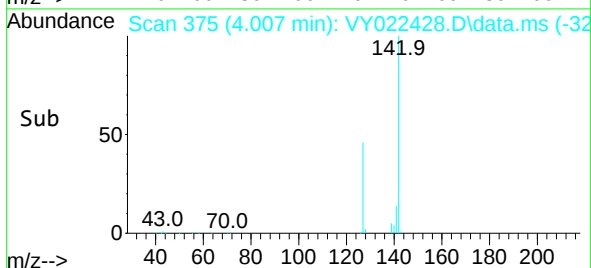
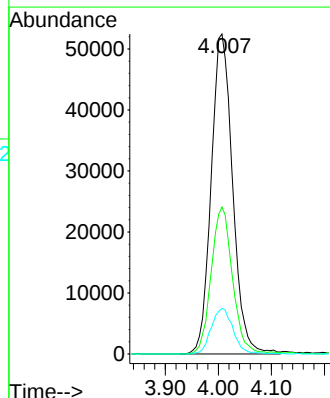
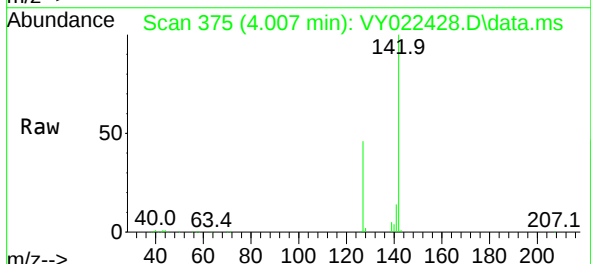
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052725

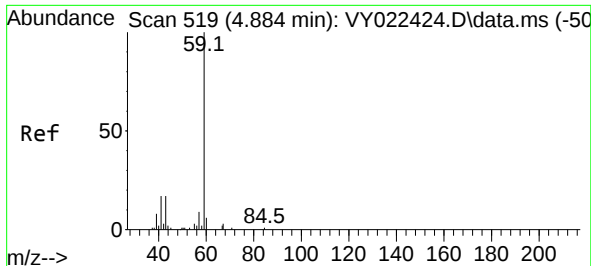
Tgt Ion:101 Resp: 125740
Ion Ratio Lower Upper
101 100
85 48.1 39.2 58.8
151 73.8 58.8 88.2



#10
Methyl Iodide
Concen: 48.805 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion:142 Resp: 147302
Ion Ratio Lower Upper
142 100
127 45.5 36.2 54.4
141 14.6 11.6 17.4

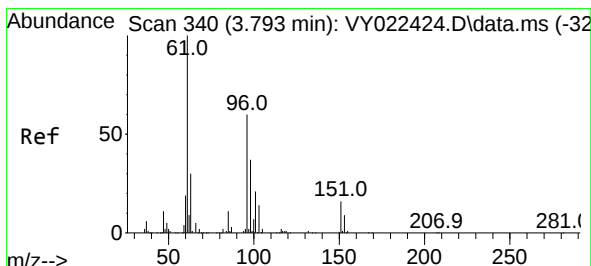
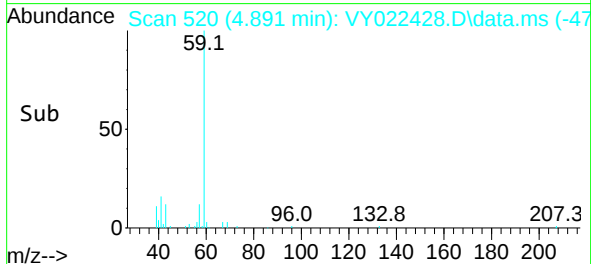
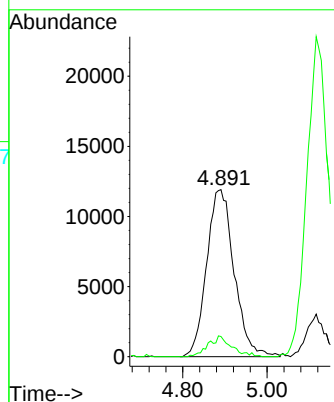
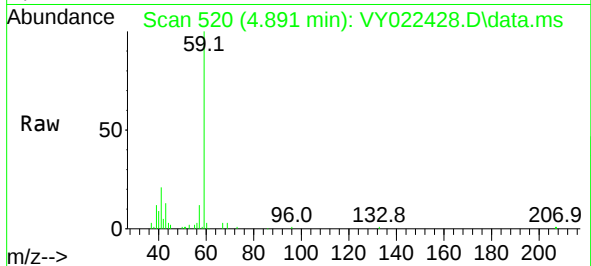




#11
Tert butyl alcohol
Concen: 286.443 ug/l
RT: 4.891 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

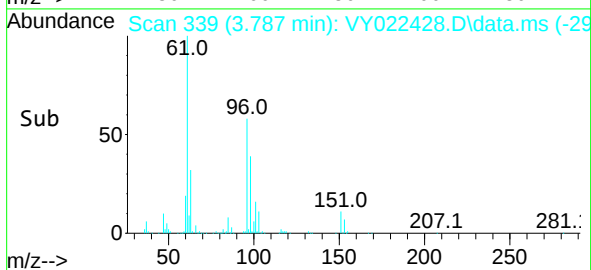
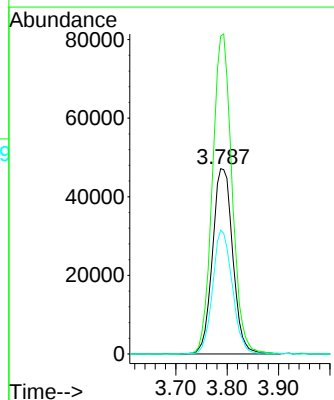
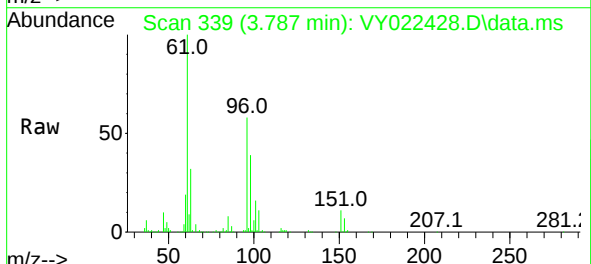
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052725

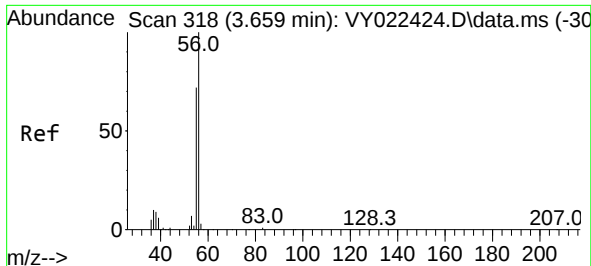
Tgt Ion: 59 Resp: 53913
Ion Ratio Lower Upper
59 100
57 10.6 9.1 13.7



#12
1,1-Dichloroethene
Concen: 48.624 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.006 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 96 Resp: 129146
Ion Ratio Lower Upper
96 100
61 171.6 134.1 201.1
98 66.8 50.2 75.2

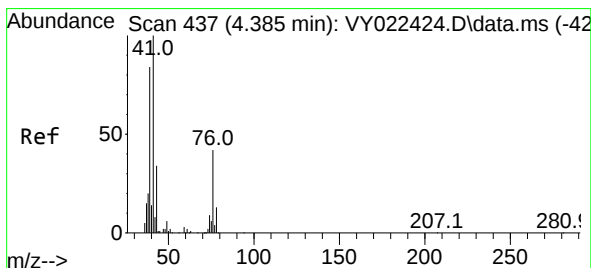
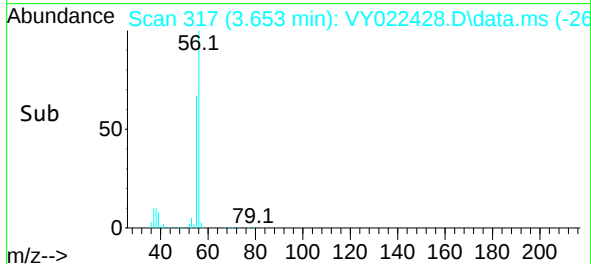
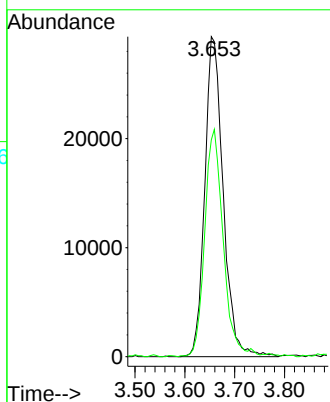
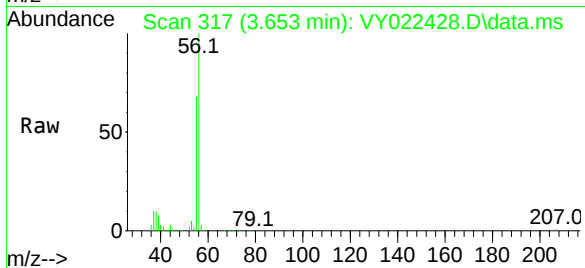




#13
Acrolein
Concen: 266.723 ug/l
RT: 3.653 min Scan# 318
Delta R.T. -0.006 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

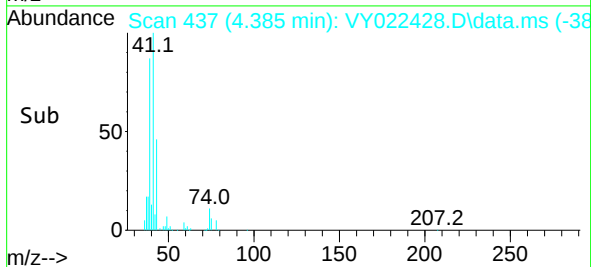
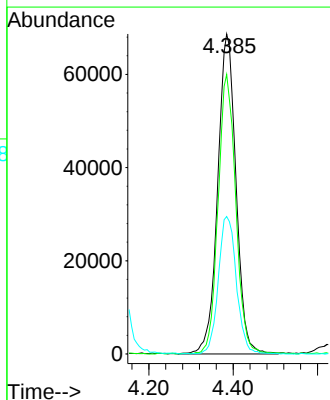
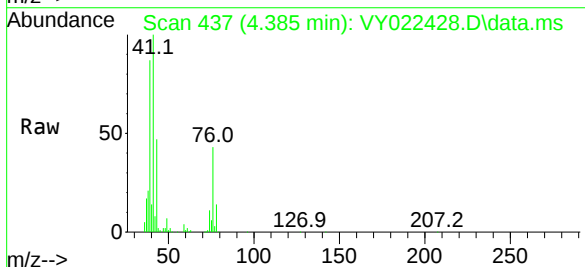
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052725

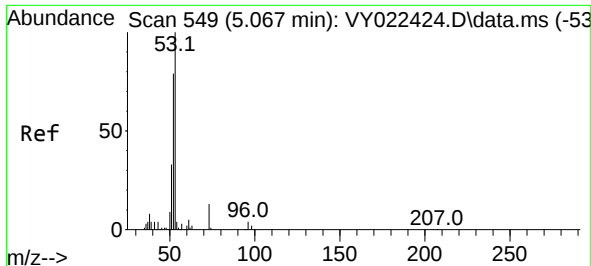
Tgt Ion: 56 Resp: 75220
Ion Ratio Lower Upper
56 100
55 70.6 56.5 84.7



#14
Allyl chloride
Concen: 51.736 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 41 Resp: 206704
Ion Ratio Lower Upper
41 100
39 84.3 66.6 100.0
76 42.4 33.7 50.5

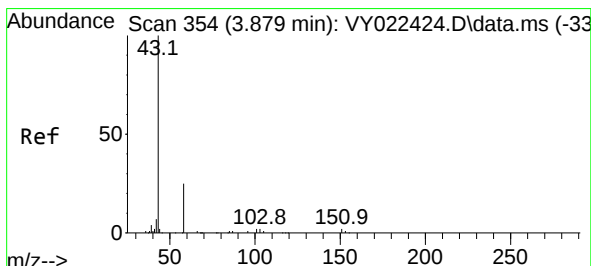
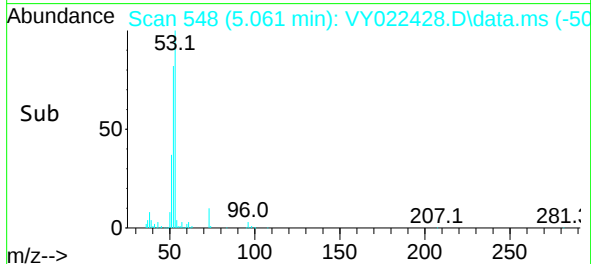
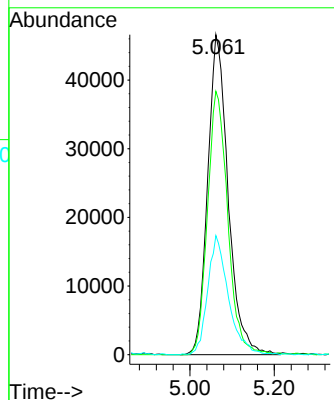
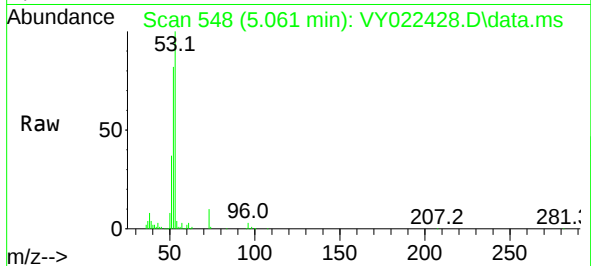




#15
Acrylonitrile
Concen: 277.887 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

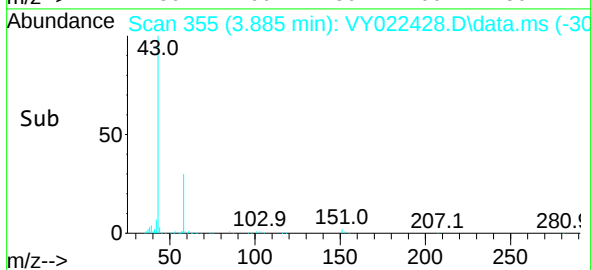
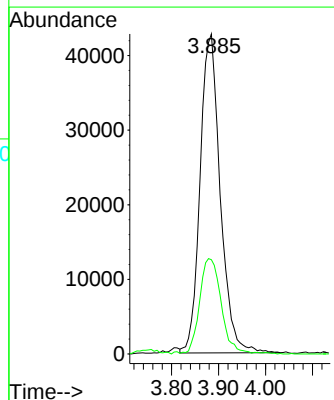
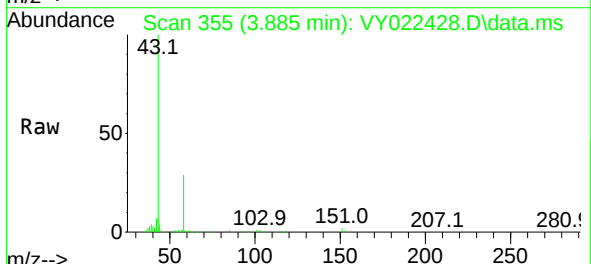
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052725

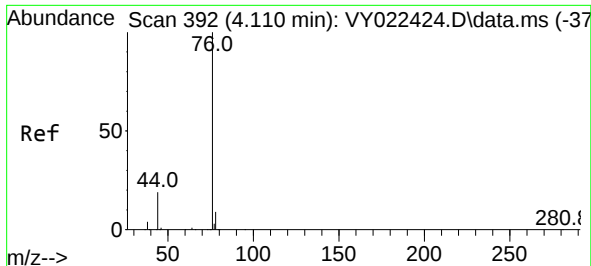
Tgt Ion: 53 Resp: 157491
Ion Ratio Lower Upper
53 100
52 81.3 65.1 97.7
51 37.7 30.0 45.0



#16
Acetone
Concen: 290.164 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 43 Resp: 127318
Ion Ratio Lower Upper
43 100
58 29.4 20.6 30.8

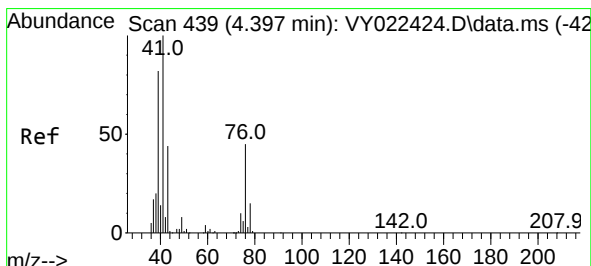
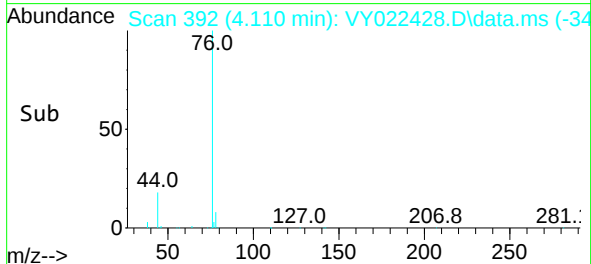
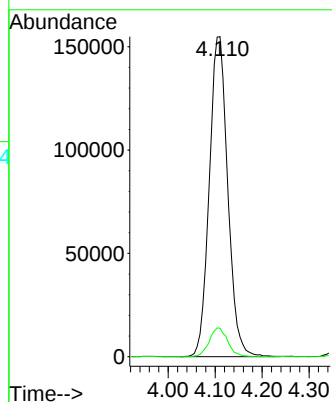
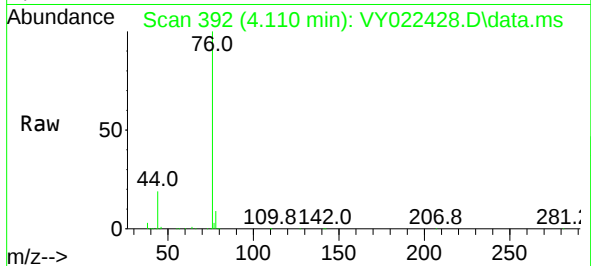




#17
Carbon Disulfide
Concen: 49.820 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

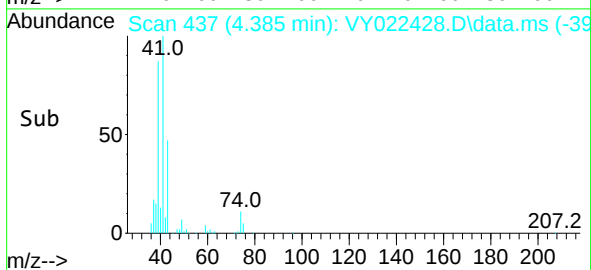
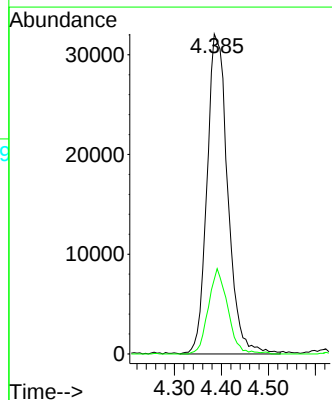
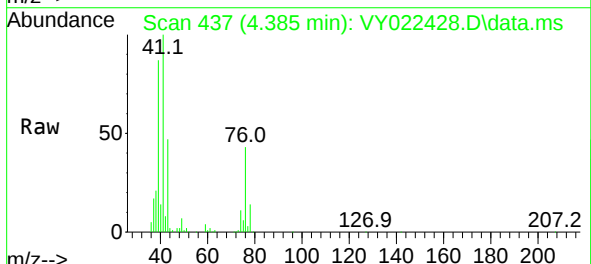
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052725

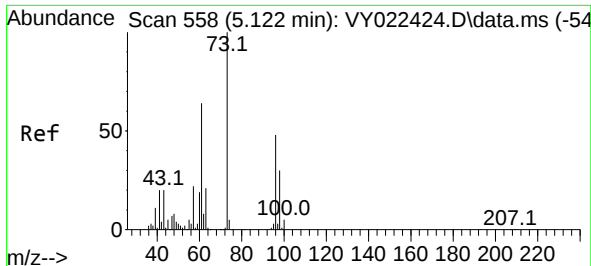
Tgt Ion: 76 Resp: 422273
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 59.833 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 43 Resp: 98344
Ion Ratio Lower Upper
43 100
74 24.8 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 53.423 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

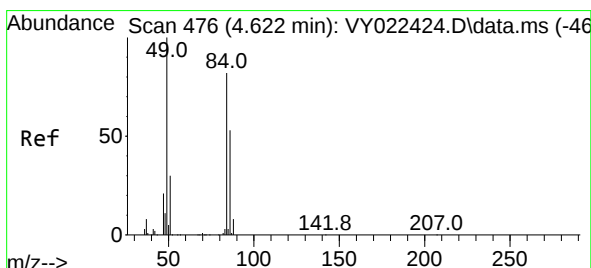
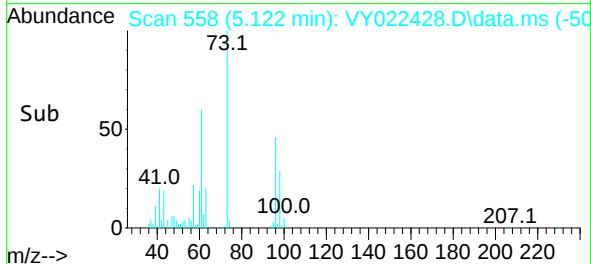
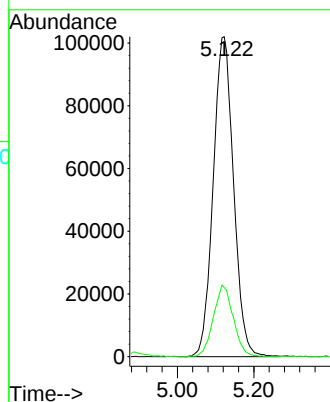
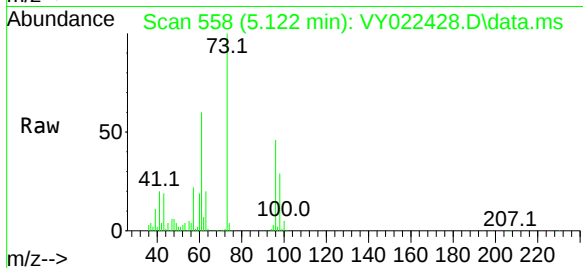
ICVVY052725

Tgt Ion: 73 Resp: 376709

Ion Ratio Lower Upper

73 100

57 21.6 17.7 26.5



#20

Methylene Chloride

Concen: 47.566 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Tgt Ion: 84 Resp: 147382

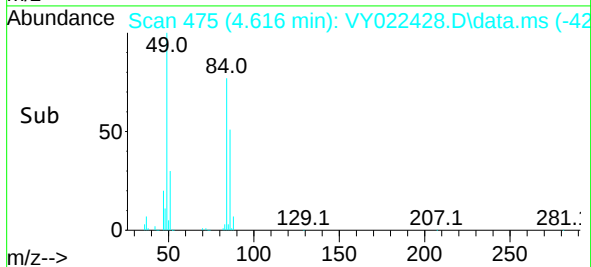
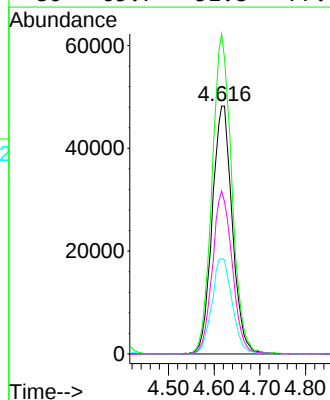
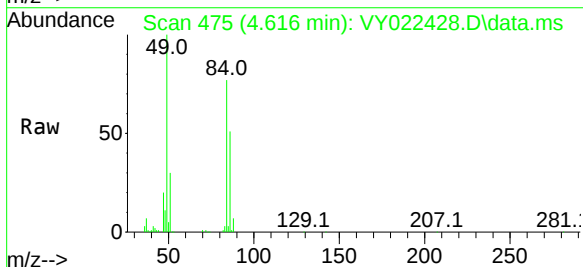
Ion Ratio Lower Upper

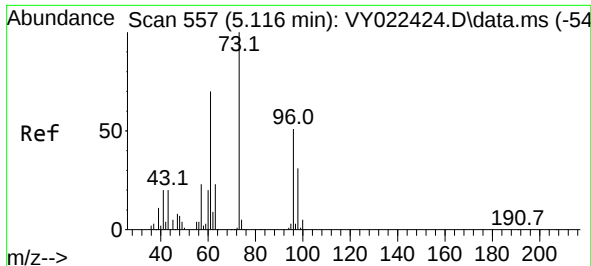
84 100

49 128.9 97.8 146.8

51 38.5 29.5 44.3

86 65.7 51.8 77.6

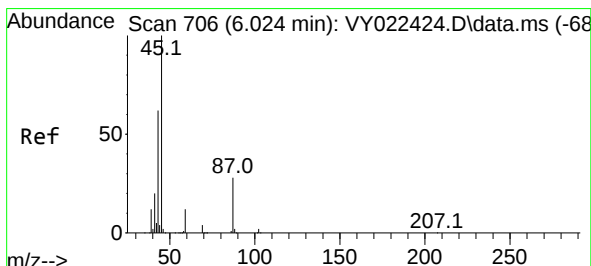
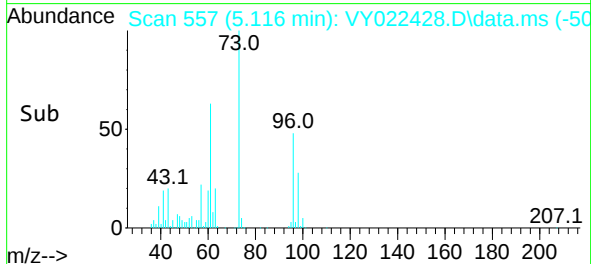
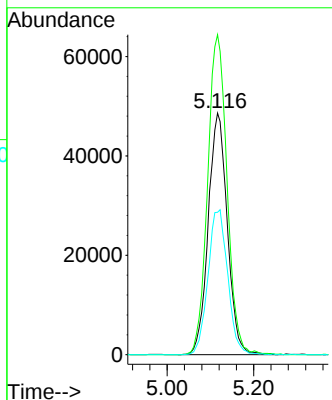
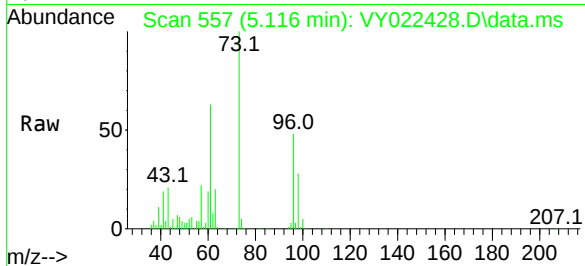




#21
trans-1,2-Dichloroethene
Concen: 51.401 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

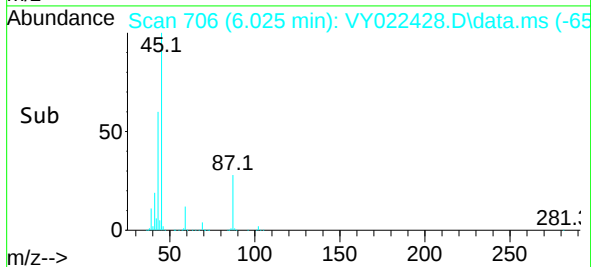
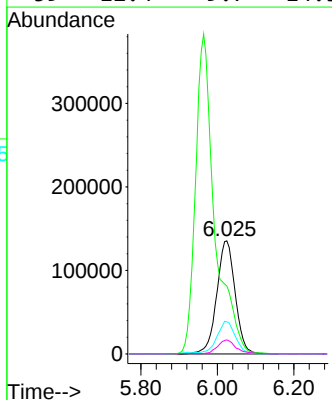
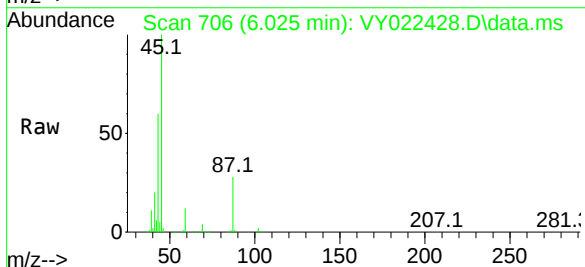
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052725

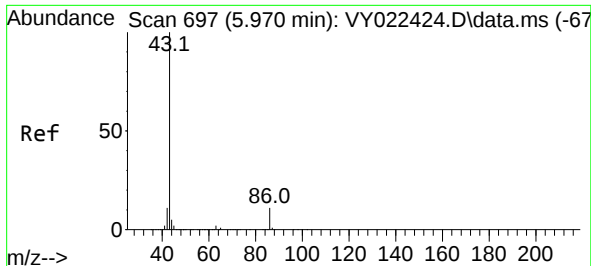
Tgt Ion: 96 Resp: 149045
Ion Ratio Lower Upper
96 100
61 132.4 110.4 165.6
98 59.0 48.6 73.0



#22
Diisopropyl ether
Concen: 51.423 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 45 Resp: 453438
Ion Ratio Lower Upper
45 100
43 59.8 49.8 74.8
87 28.4 23.0 34.6
59 12.4 9.7 14.5

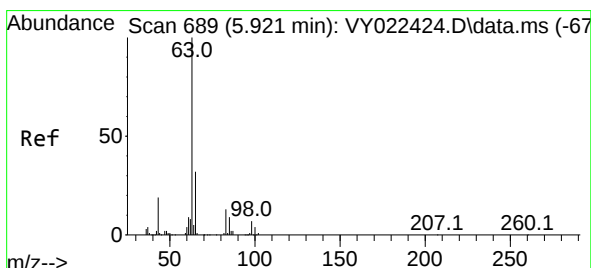
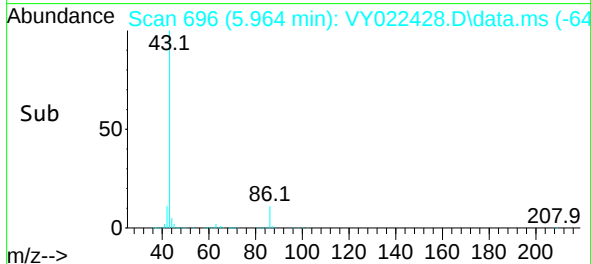
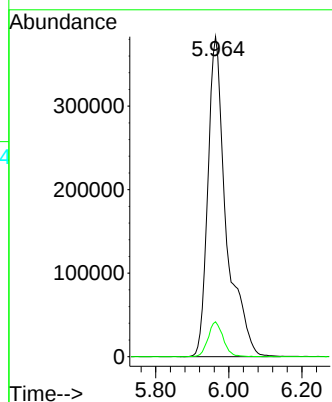
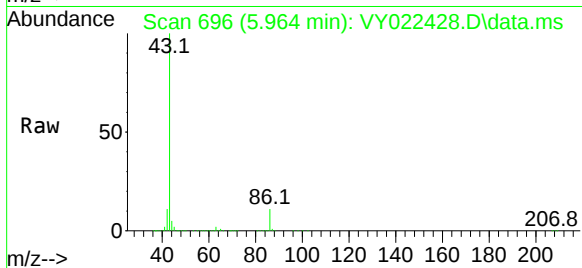




#23
 Vinyl Acetate
 Concen: 262.697 ug/l
 RT: 5.964 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY022428.D
 Acq: 27 May 2025 11:56

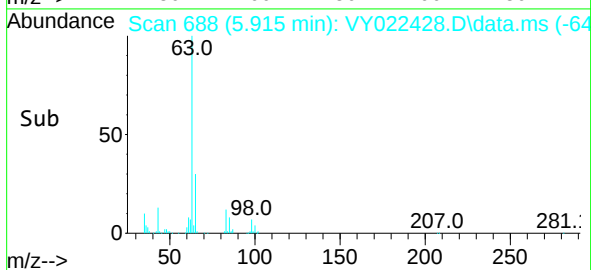
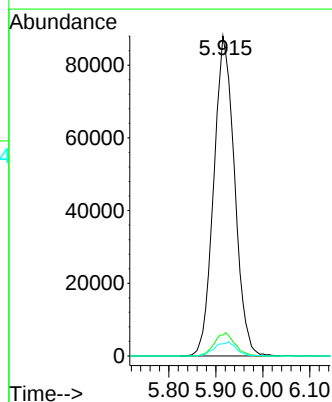
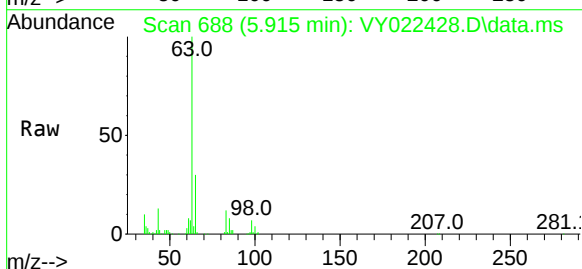
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052725

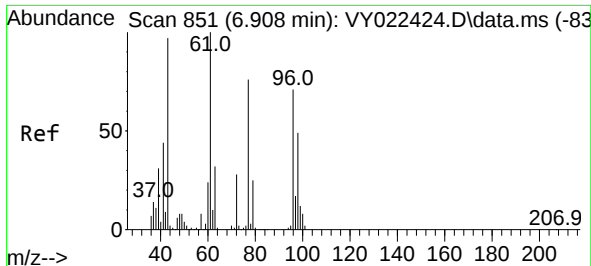
Tgt Ion: 43 Resp: 1330055
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 51.958 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY022428.D
 Acq: 27 May 2025 11:56

Tgt Ion: 63 Resp: 270725
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 3.8 2.1 6.5

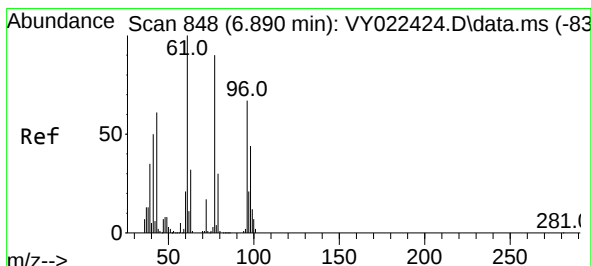
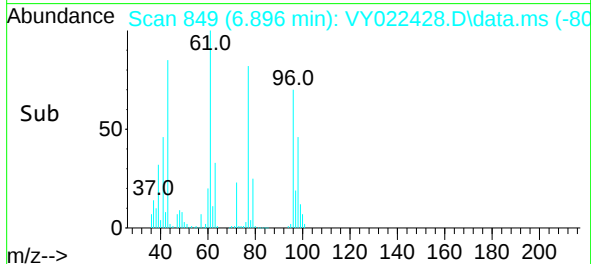
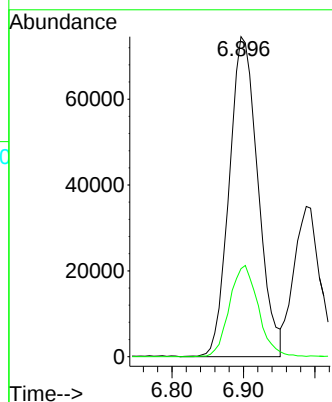
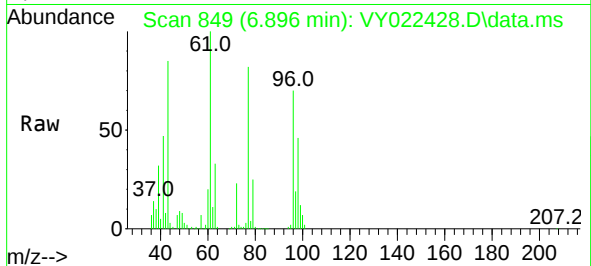




#25
2-Butanone
Concen: 285.123 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.012 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

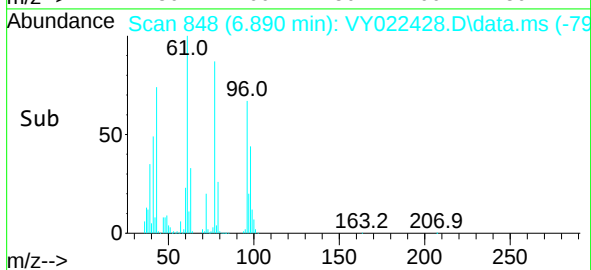
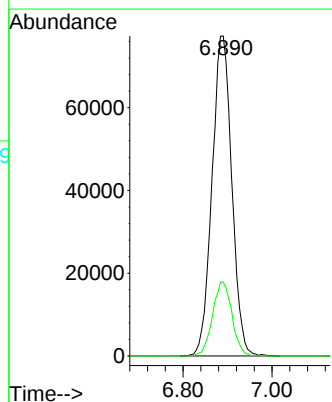
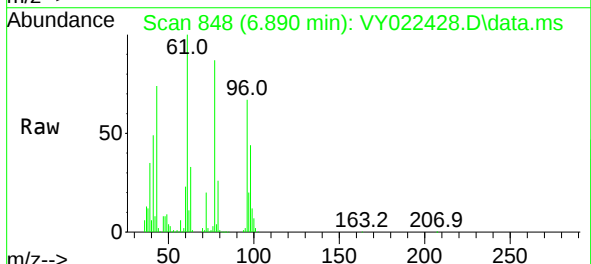
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052725

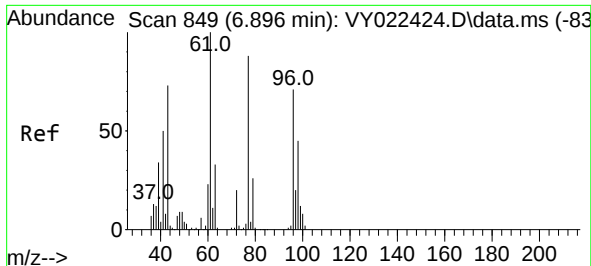
Tgt Ion: 43 Resp: 208354
Ion Ratio Lower Upper
43 100
72 27.5 22.8 34.2



#26
2,2-Dichloropropane
Concen: 50.556 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 77 Resp: 238523
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.7

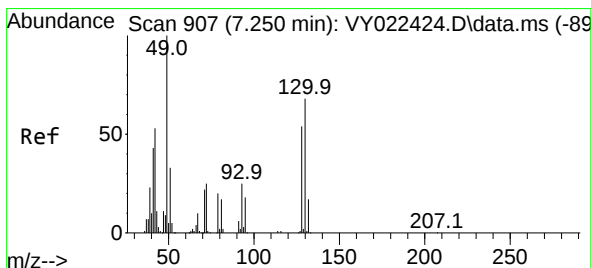
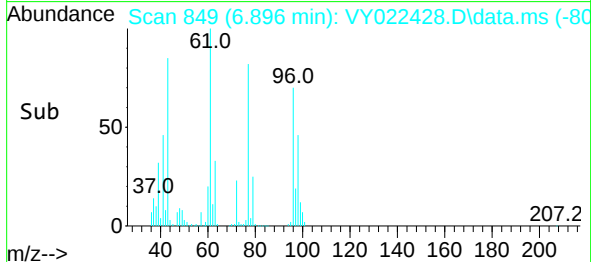
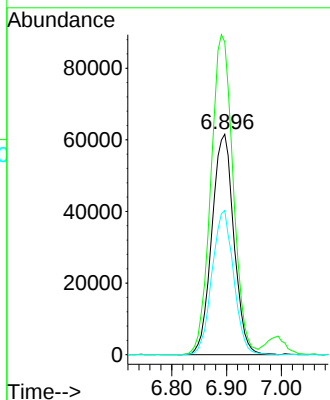
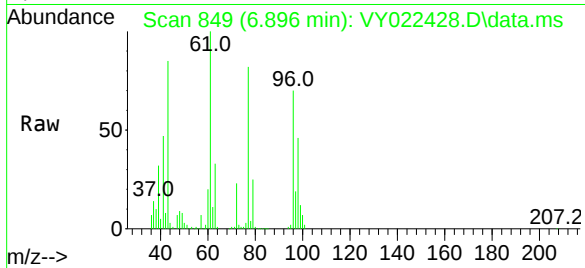




#27
 cis-1,2-Dichloroethene
 Concen: 51.208 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY022428.D
 Acq: 27 May 2025 11:56

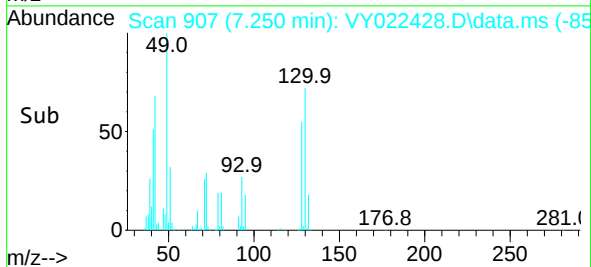
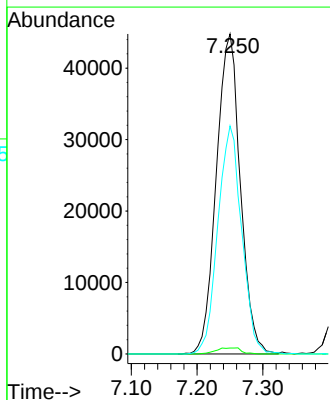
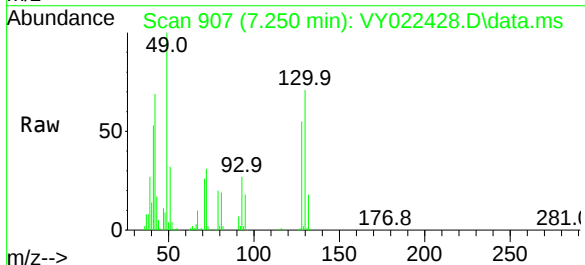
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052725

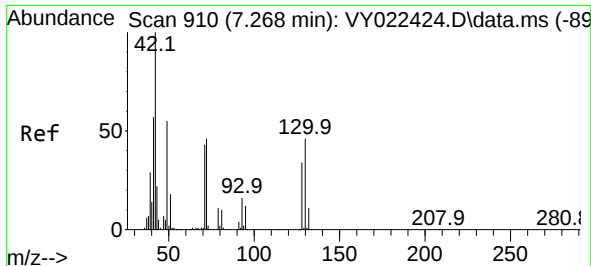
Tgt Ion: 96 Resp: 171895
 Ion Ratio Lower Upper
 96 100
 61 146.7 0.0 292.0
 98 64.2 0.0 131.0



#28
 Bromochloromethane
 Concen: 52.427 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY022428.D
 Acq: 27 May 2025 11:56

Tgt Ion: 49 Resp: 114068
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 70.5 56.9 85.3





#29

Tetrahydrofuran

Concen: 280.691 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052725

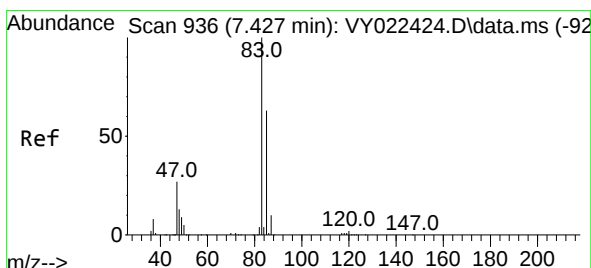
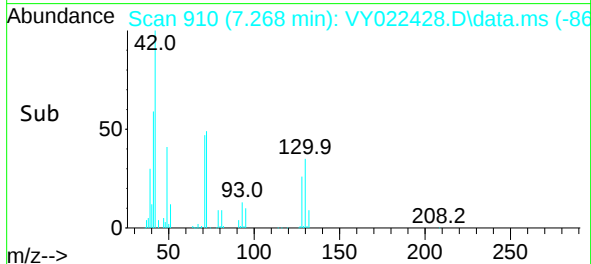
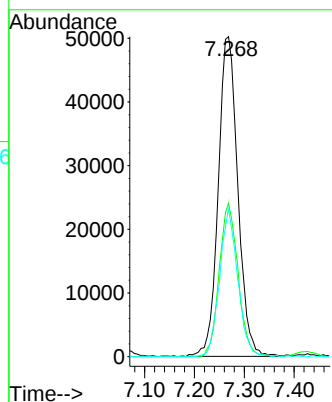
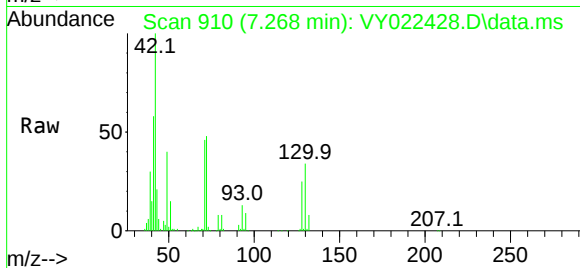
Tgt Ion: 42 Resp: 136796

Ion Ratio Lower Upper

42 100

72 46.3 37.7 56.5

71 43.0 34.7 52.1



#30

Chloroform

Concen: 51.416 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY022428.D

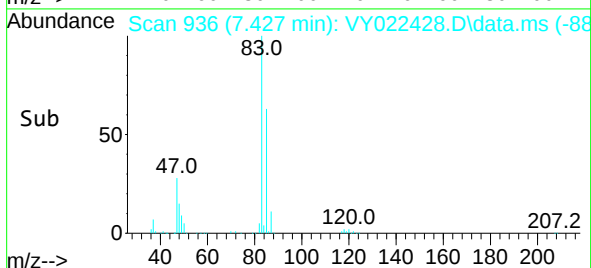
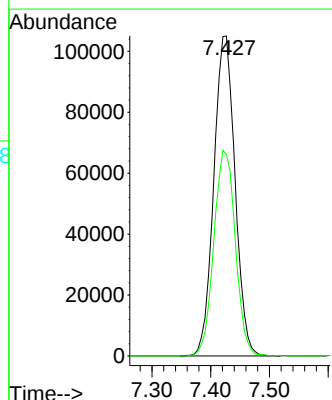
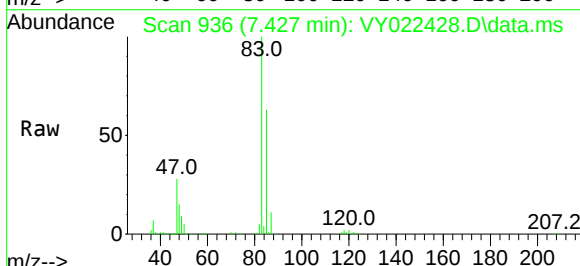
Acq: 27 May 2025 11:56

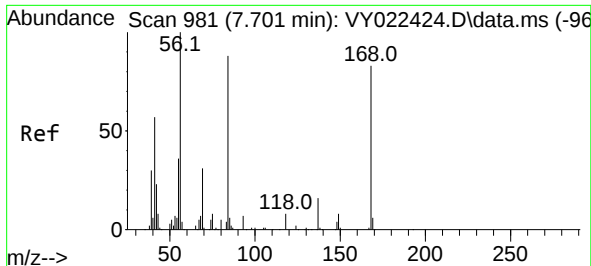
Tgt Ion: 83 Resp: 263982

Ion Ratio Lower Upper

83 100

85 63.0 50.1 75.1

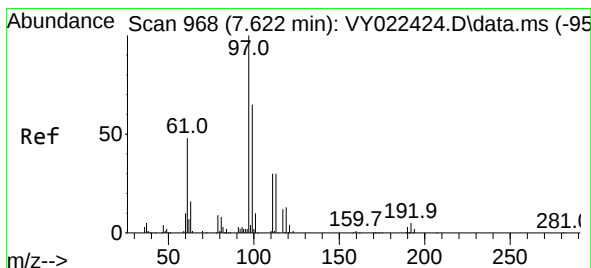
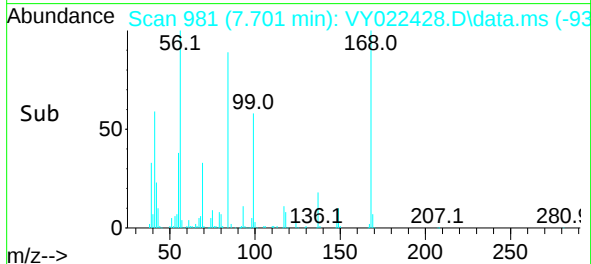
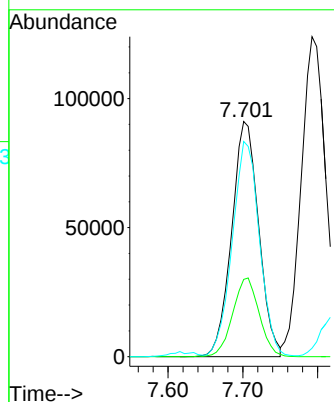
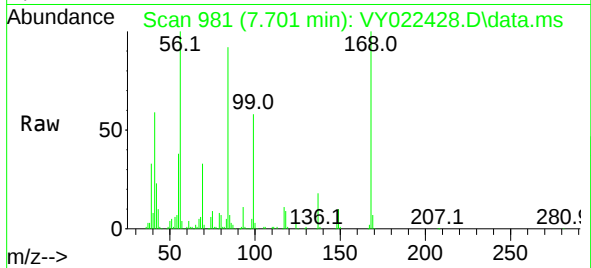




#31
Cyclohexane
Concen: 44.566 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

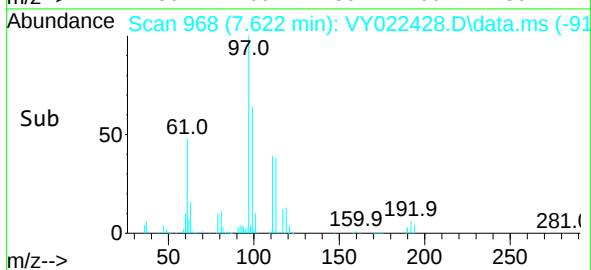
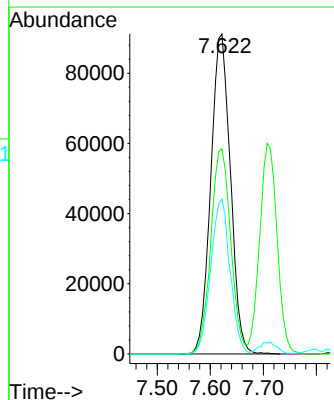
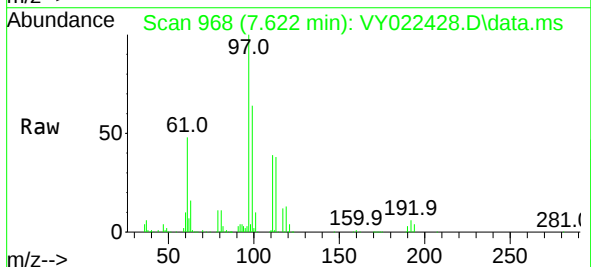
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052725

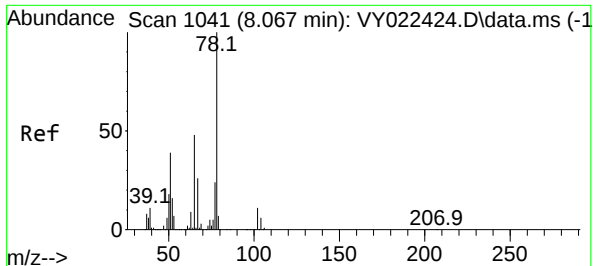
Tgt Ion: 56 Resp: 228904
Ion Ratio Lower Upper
56 100
69 32.8 24.6 36.8
84 89.3 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 50.290 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 97 Resp: 234335
Ion Ratio Lower Upper
97 100
99 65.5 51.3 76.9
61 47.8 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 50.905 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

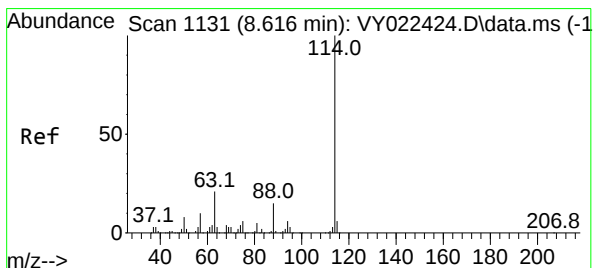
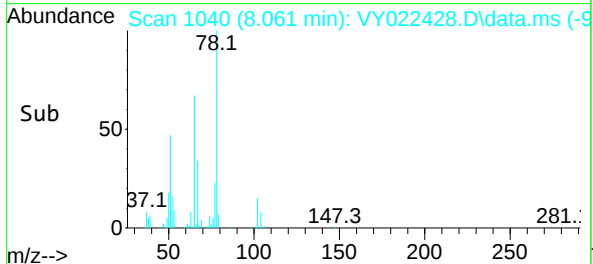
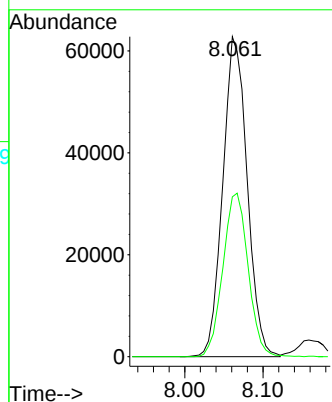
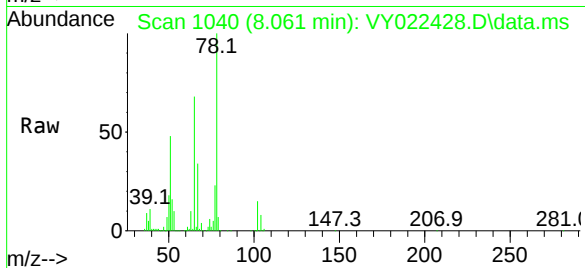
ICVVY052725

Tgt Ion: 65 Resp: 135927

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

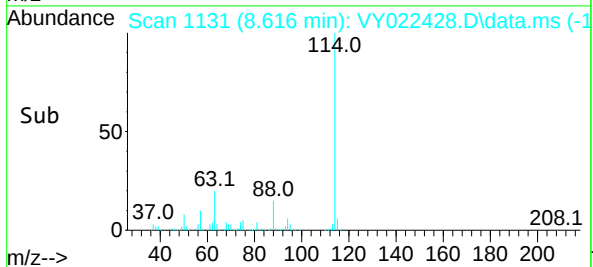
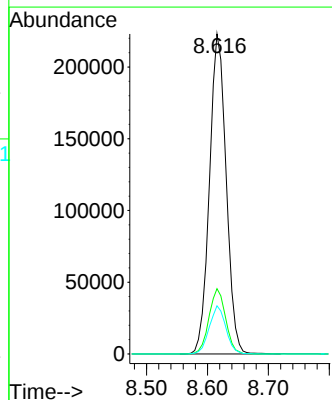
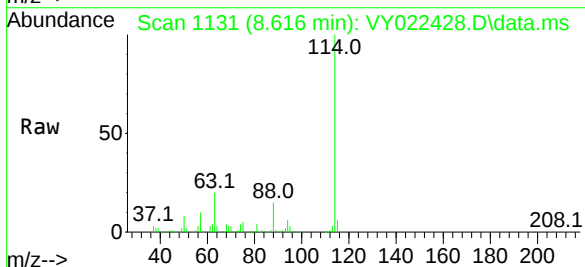
Tgt Ion: 114 Resp: 425137

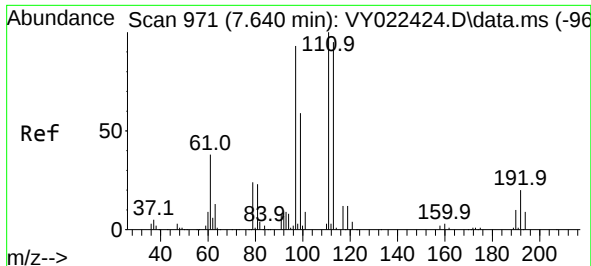
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 15.0 0.0 29.4

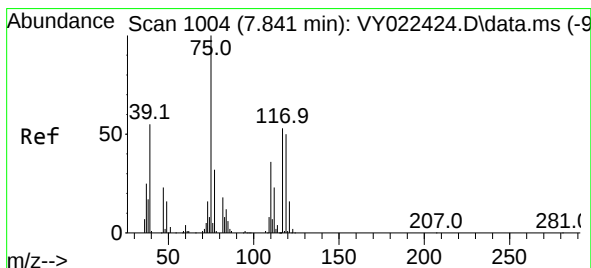
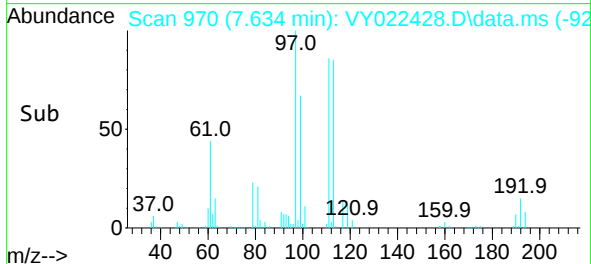
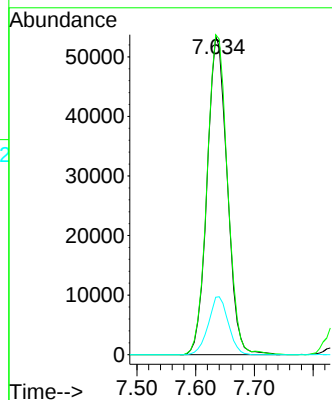
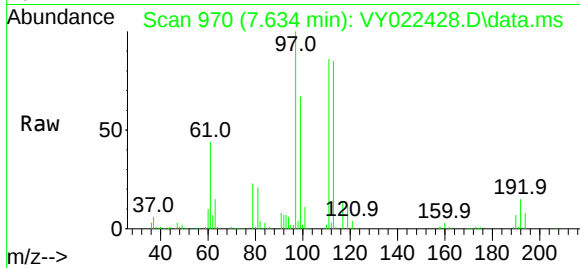




#35
Dibromofluoromethane
Concen: 50.924 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

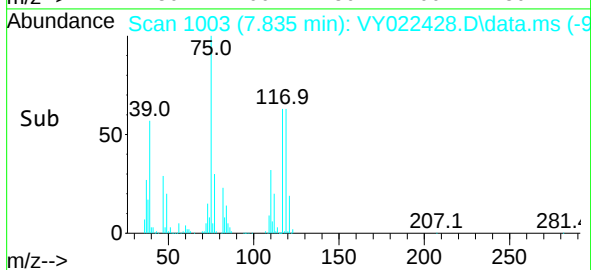
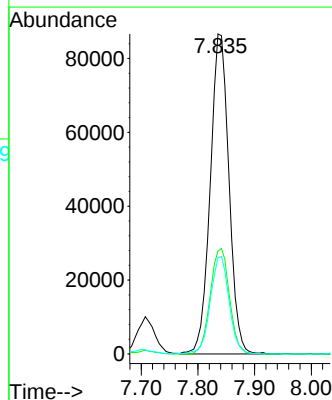
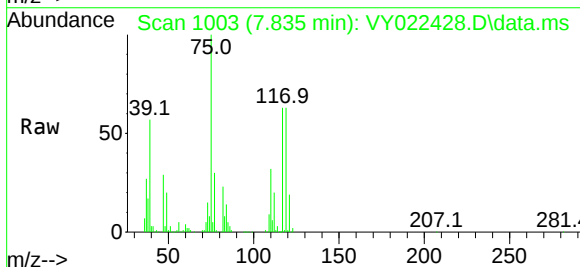
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052725

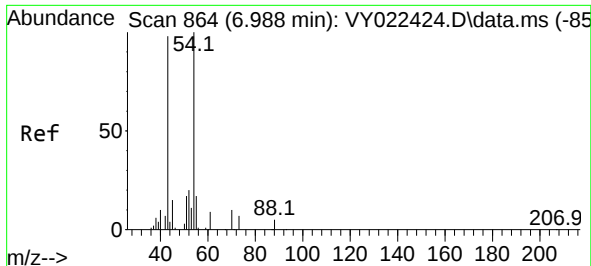
Tgt Ion:113 Resp: 126788
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 18.1 15.2 22.8



#36
1,1-Dichloropropene
Concen: 50.295 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 75 Resp: 198705
Ion Ratio Lower Upper
75 100
110 33.8 17.1 51.2
77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 54.775 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052725

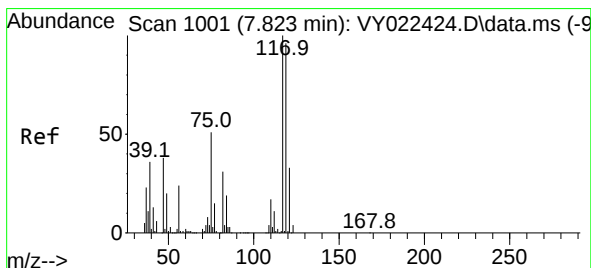
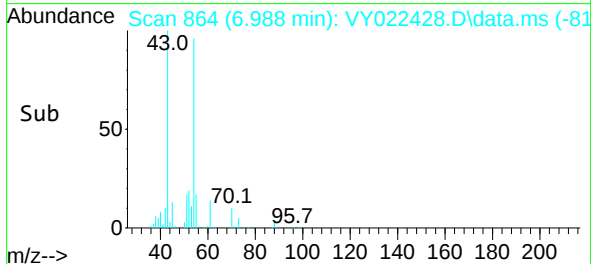
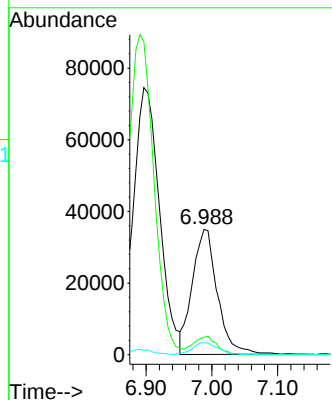
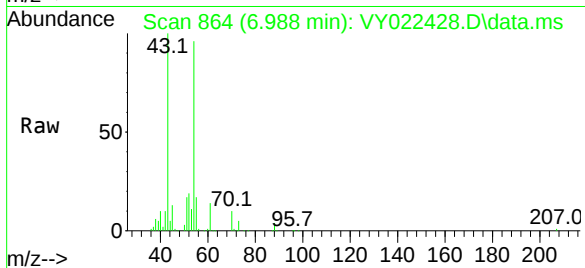
Tgt Ion: 43 Resp: 91969

Ion Ratio Lower Upper

43 100

61 13.2 11.7 17.5

70 9.8 7.8 11.6



#38

Carbon Tetrachloride

Concen: 49.782 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

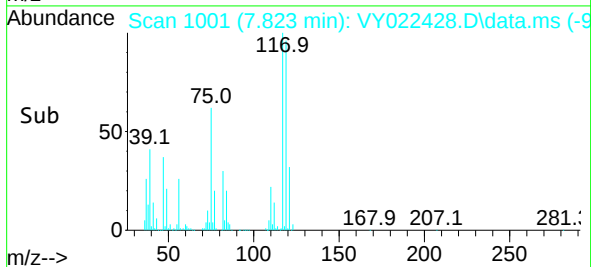
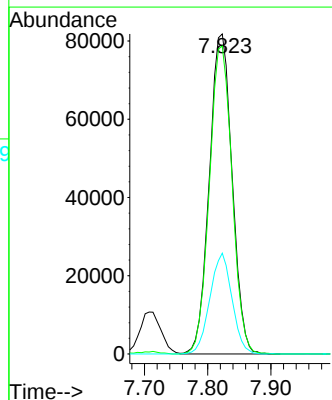
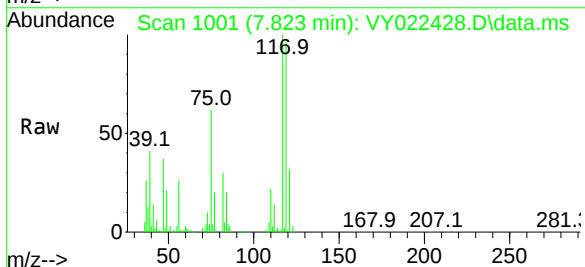
Tgt Ion: 117 Resp: 204881

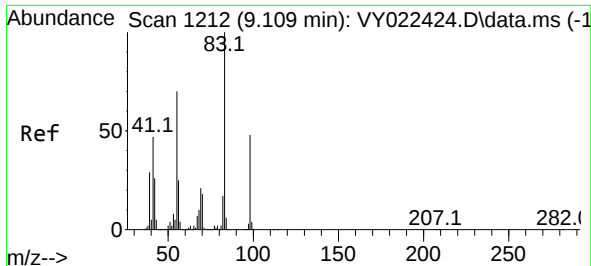
Ion Ratio Lower Upper

117 100

119 96.2 76.3 114.5

121 31.5 26.1 39.1





#39

Methylcyclohexane

Concen: 48.189 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052725

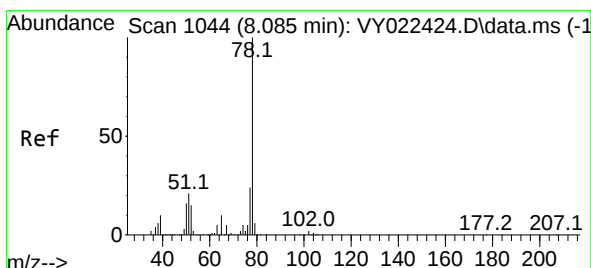
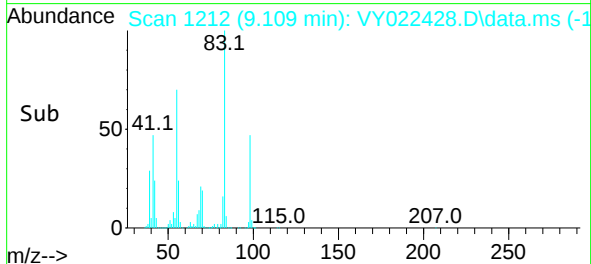
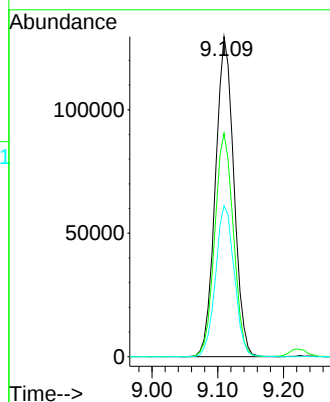
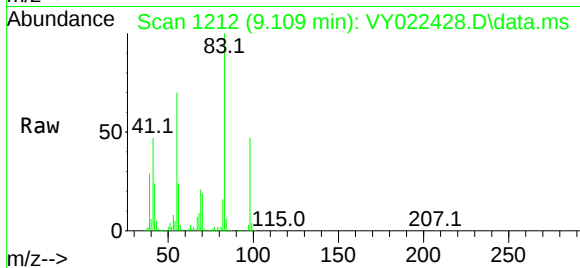
Tgt Ion: 83 Resp: 253073

Ion Ratio Lower Upper

83 100

55 69.7 56.2 84.2

98 47.1 38.4 57.6



#40

Benzene

Concen: 51.876 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022428.D

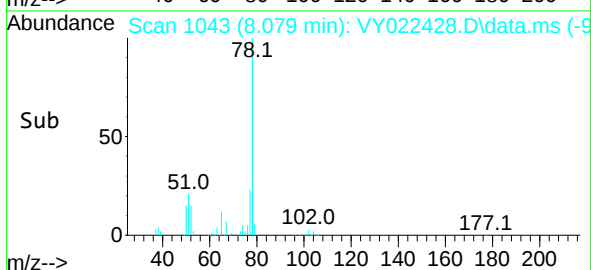
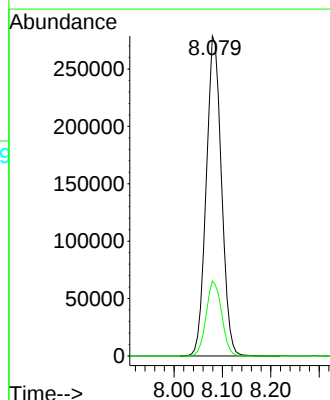
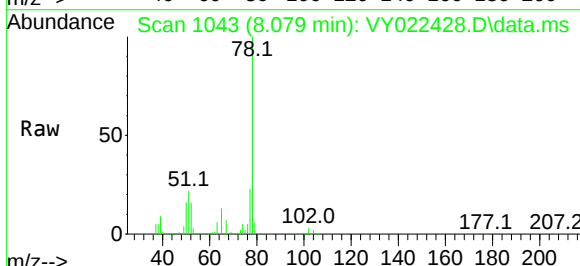
Acq: 27 May 2025 11:56

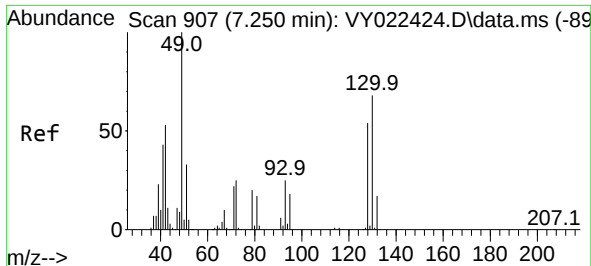
Tgt Ion: 78 Resp: 609847

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.2

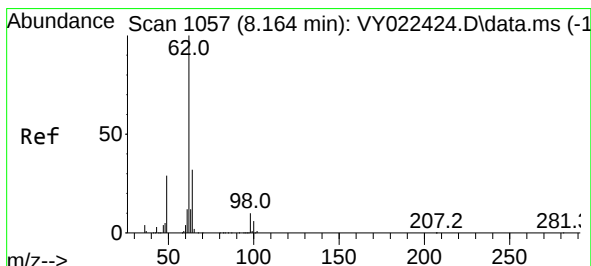
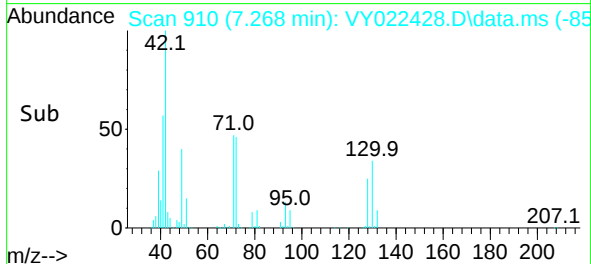
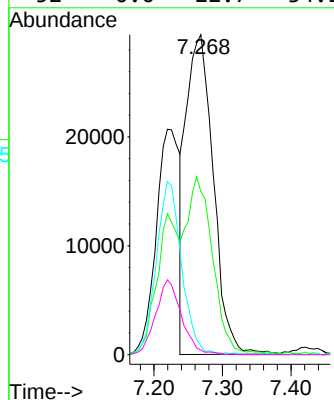
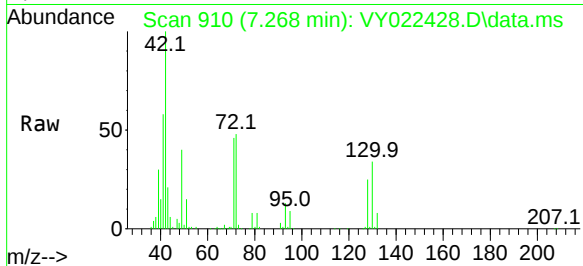




#41
Methacrylonitrile
Concen: 79.687 ug/l
RT: 7.268 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

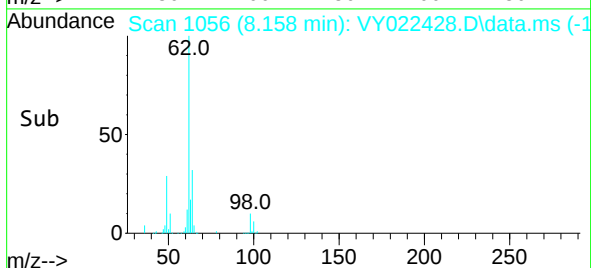
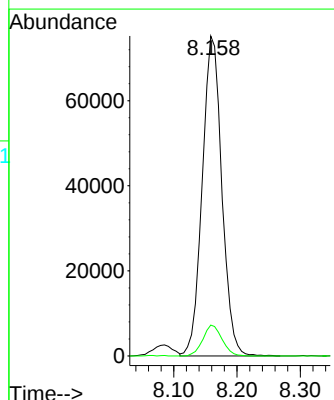
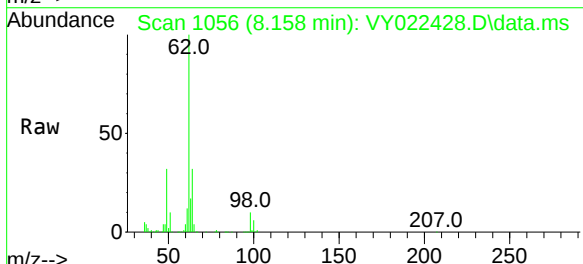
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052725

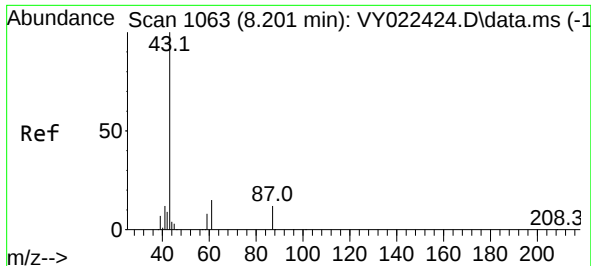
Tgt Ion: 41 Resp: 81207
Ion Ratio Lower Upper
41 100
39 48.3 40.4 60.6
67 0.0 53.0 79.4#
52 0.0 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 52.242 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 62 Resp: 162203
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4

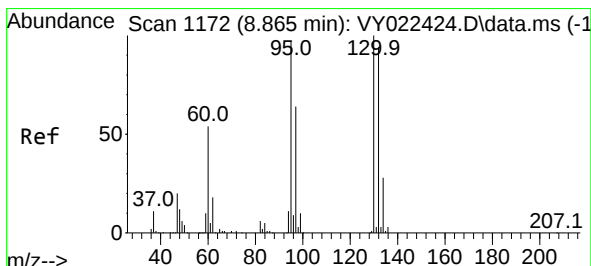
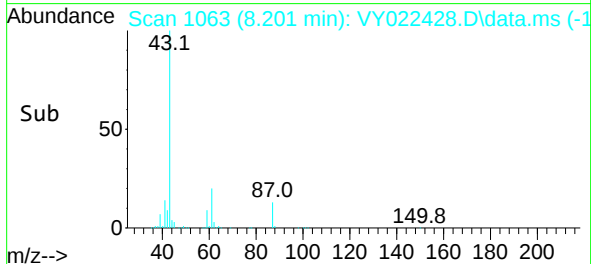
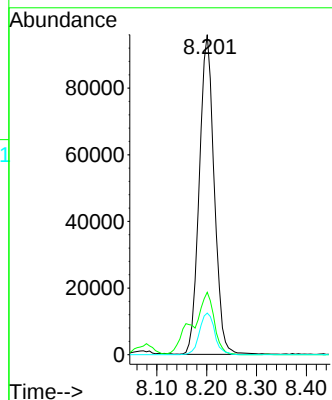
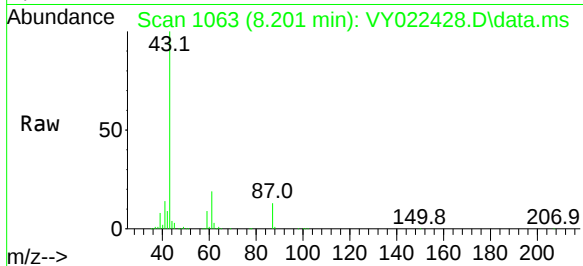




#43
Isopropyl Acetate
Concen: 54.305 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

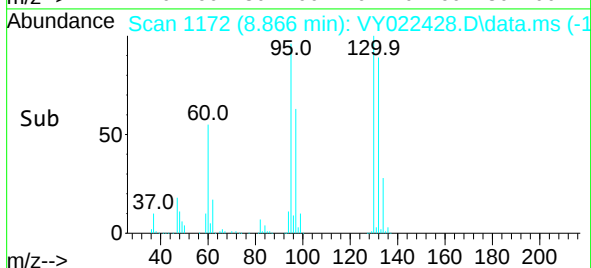
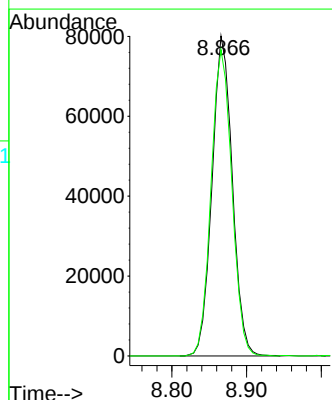
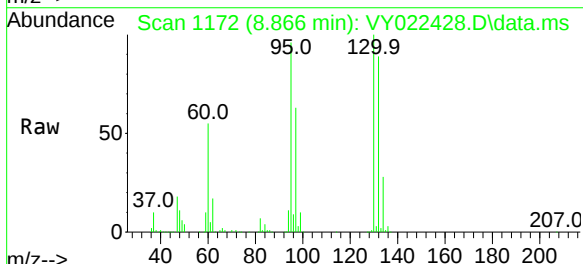
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052725

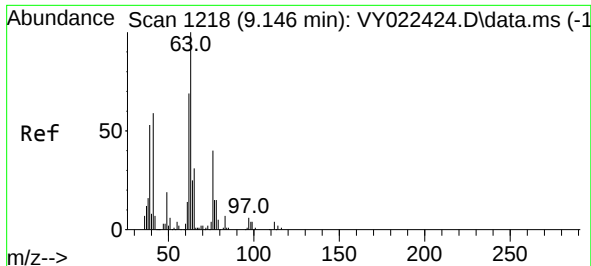
Tgt Ion: 43 Resp: 199246
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0
87 13.3 10.6 15.8



#44
Trichloroethene
Concen: 52.041 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion:130 Resp: 151238
Ion Ratio Lower Upper
130 100
95 95.7 0.0 194.8





#45

1,2-Dichloropropane

Concen: 50.975 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

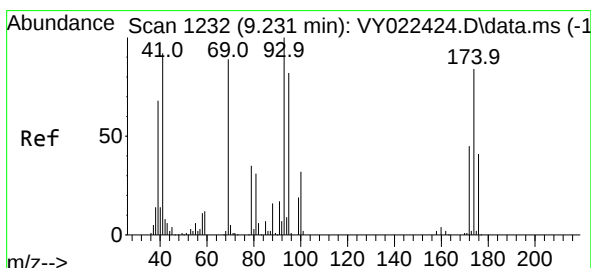
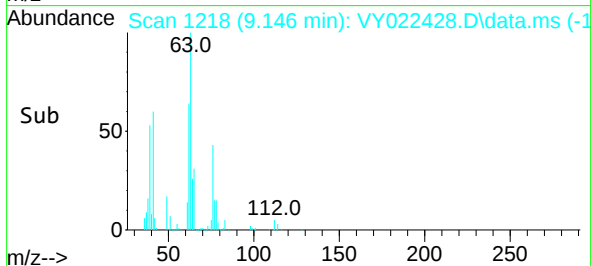
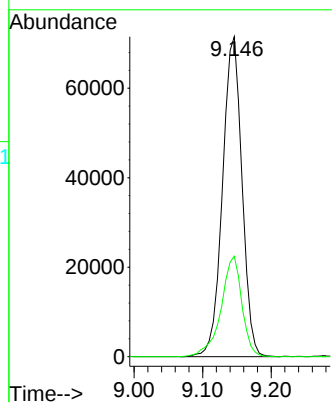
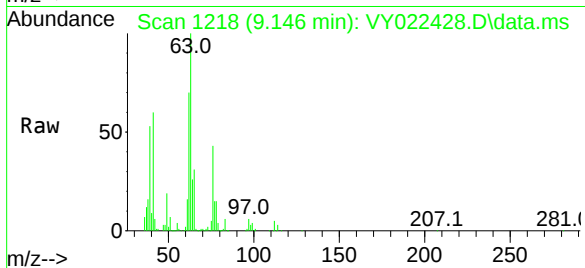
ICVY052725

Tgt Ion: 63 Resp: 140797

Ion Ratio Lower Upper

63 100

65 31.4 25.1 37.7



#46

Dibromomethane

Concen: 52.586 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

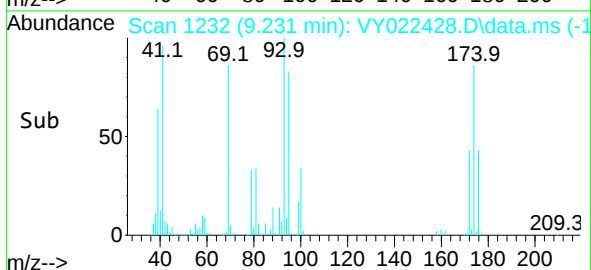
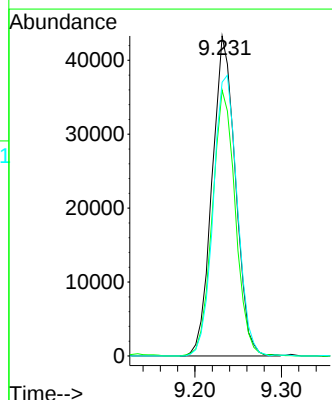
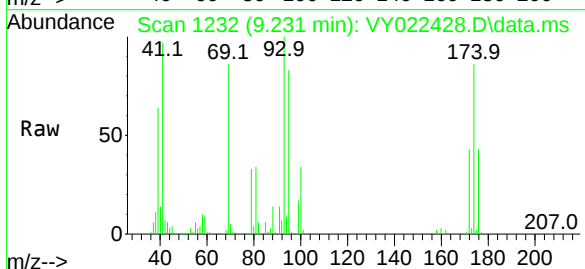
Tgt Ion: 93 Resp: 81139

Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.2

174 89.9 71.1 106.7

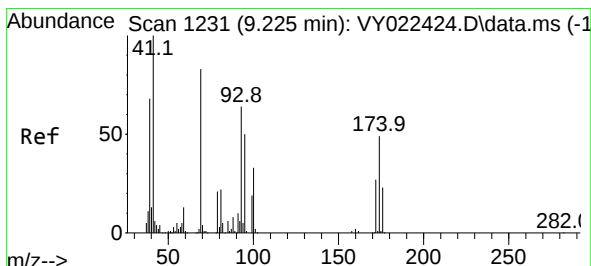
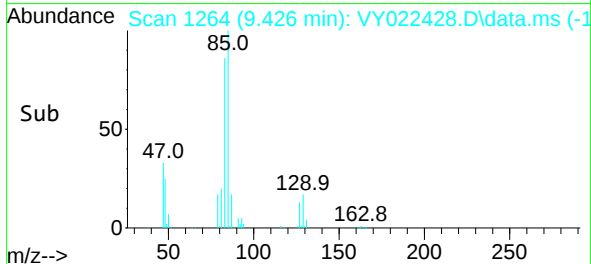
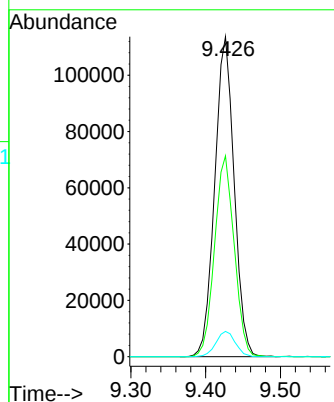
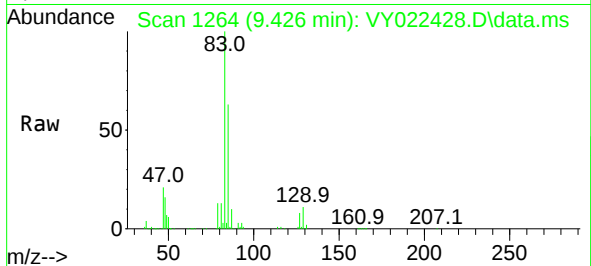




#47
Bromodichloromethane
Concen: 51.745 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

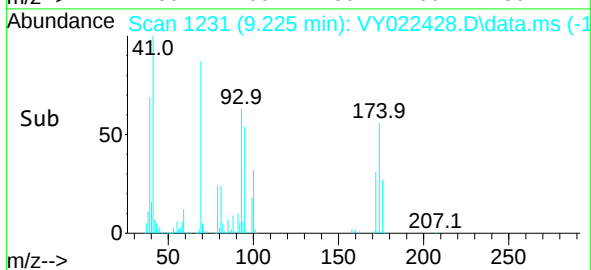
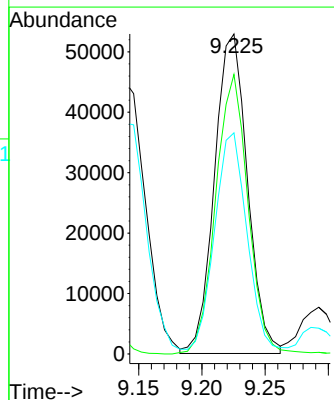
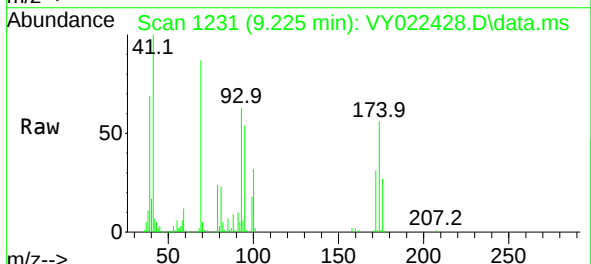
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052725

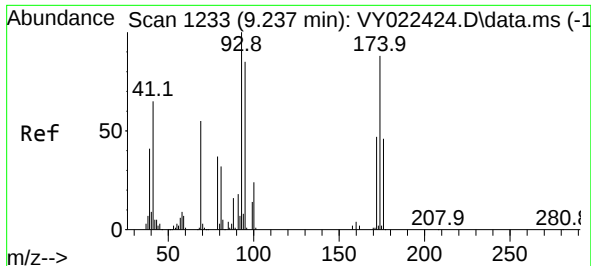
Tgt Ion: 83 Resp: 205314
Ion Ratio Lower Upper
83 100
85 62.8 49.8 74.6
127 7.9 6.6 9.8



#48
Methyl methacrylate
Concen: 56.276 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 41 Resp: 95846
Ion Ratio Lower Upper
41 100
69 86.1 70.3 105.5
39 66.0 55.4 83.0





#49

1,4-Dioxane

Concen: 1051.366 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052725

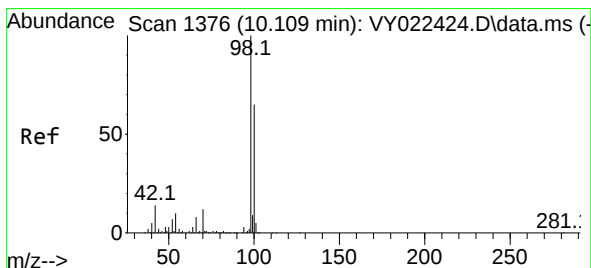
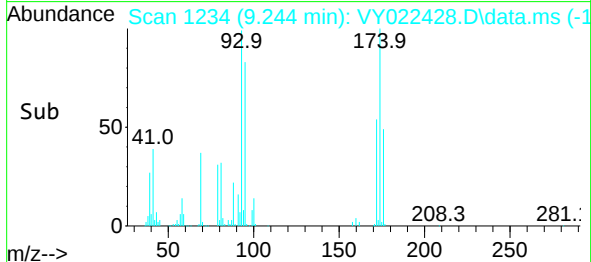
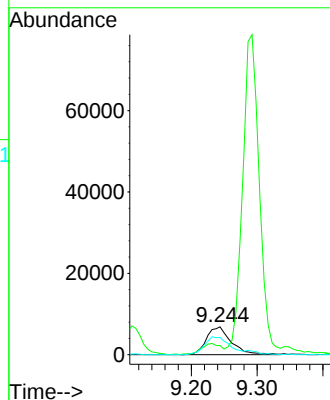
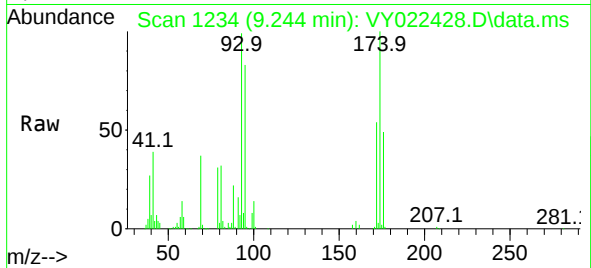
Tgt Ion: 88 Resp: 17918

Ion Ratio Lower Upper

88 100

43 30.9 26.9 40.3

58 64.5 55.8 83.6



#50

Toluene-d8

Concen: 50.886 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022428.D

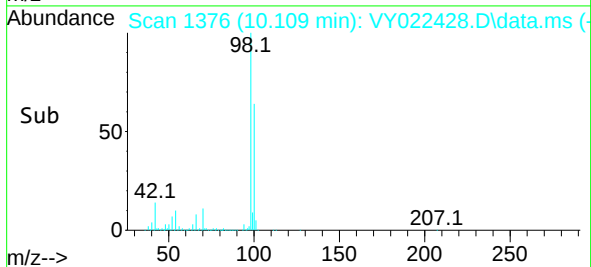
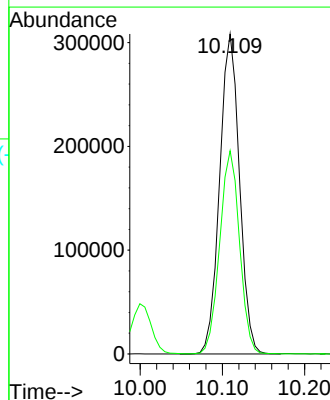
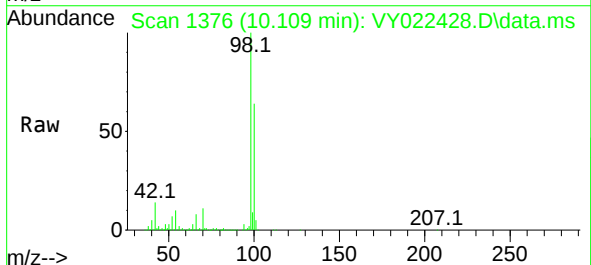
Acq: 27 May 2025 11:56

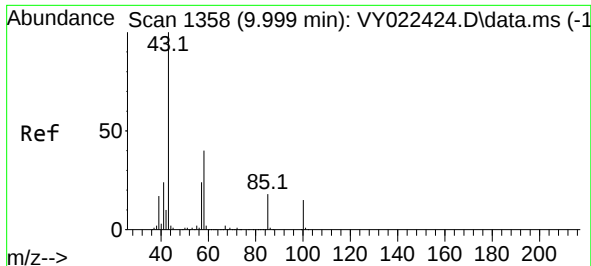
Tgt Ion: 98 Resp: 516469

Ion Ratio Lower Upper

98 100

100 63.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 287.032 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

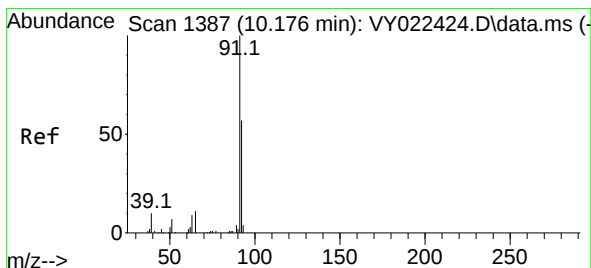
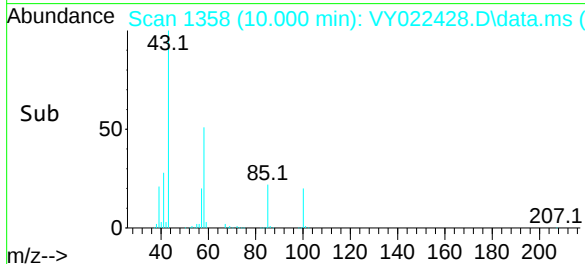
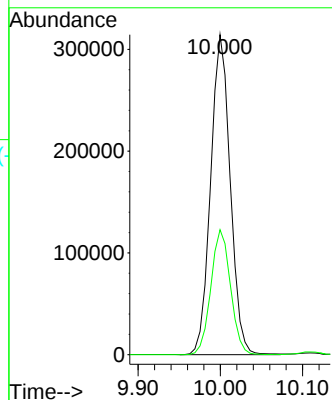
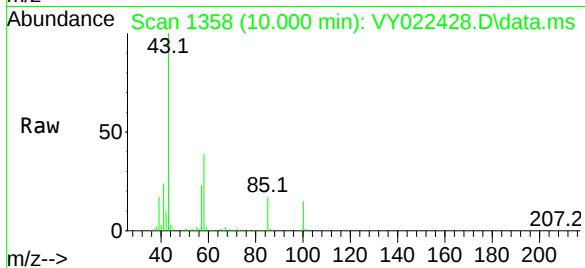
ICVVY052725

Tgt Ion: 43 Resp: 519609

Ion Ratio Lower Upper

43 100

58 39.2 31.2 46.8



#52

Toluene

Concen: 52.832 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.006 min

Lab File: VY022428.D

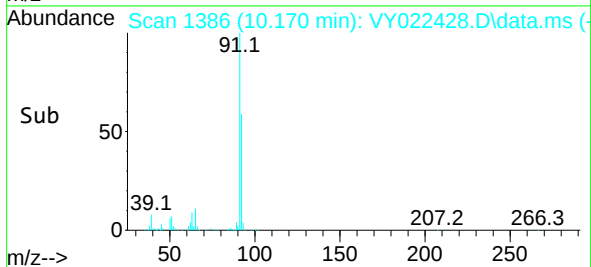
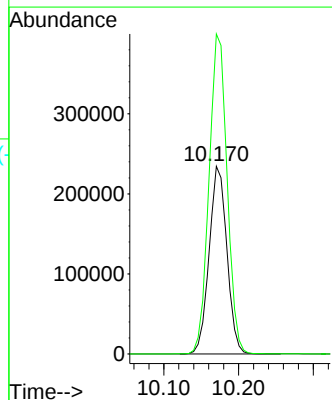
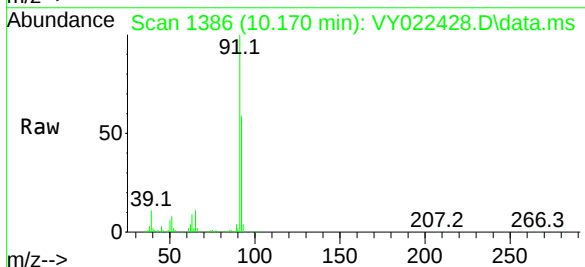
Acq: 27 May 2025 11:56

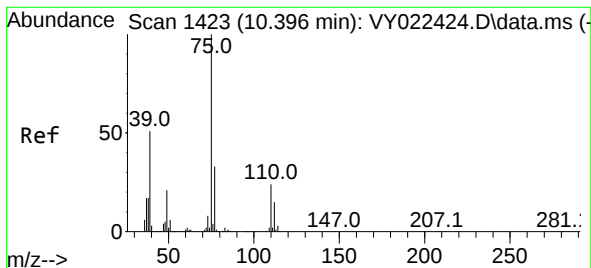
Tgt Ion: 92 Resp: 387936

Ion Ratio Lower Upper

92 100

91 173.4 139.8 209.6

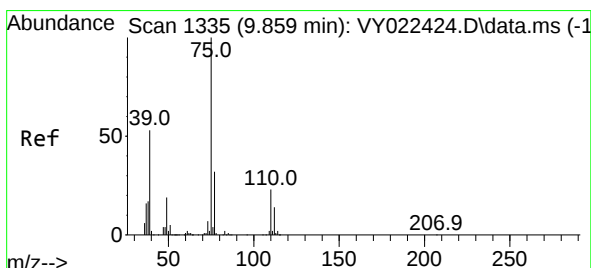
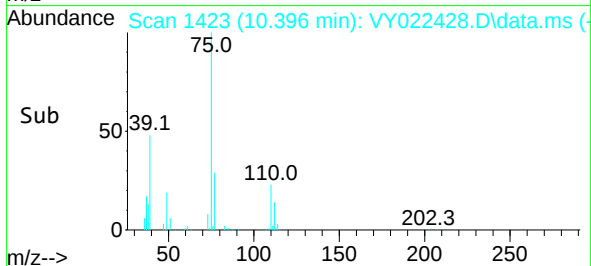
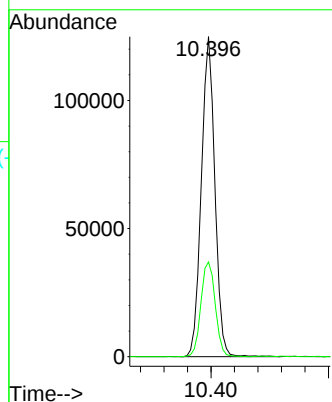
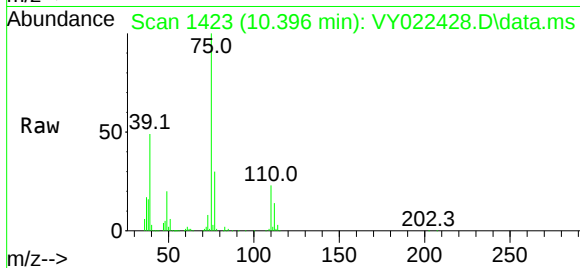




#53
 t-1,3-Dichloropropene
 Concen: 54.094 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY022428.D
 Acq: 27 May 2025 11:56

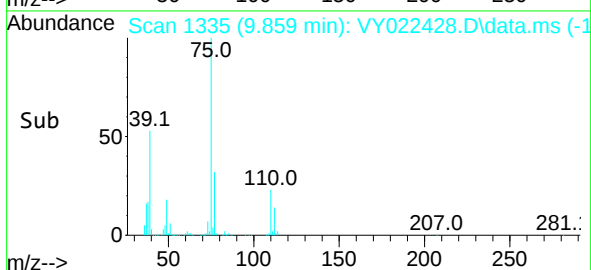
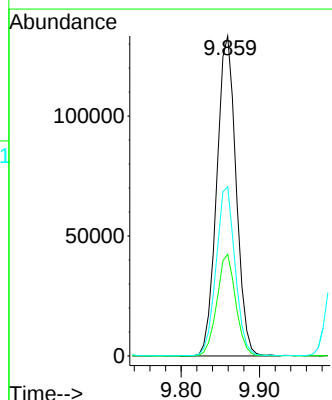
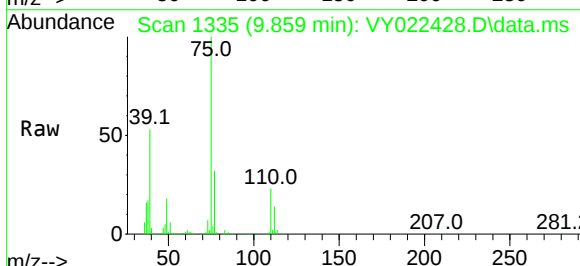
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052725

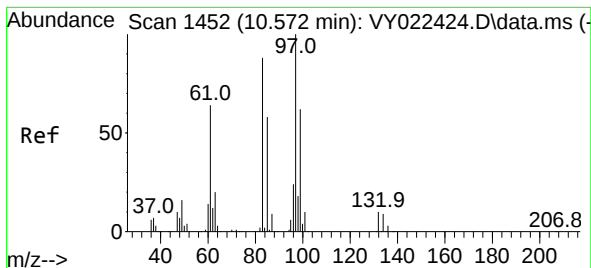
Tgt Ion: 75 Resp: 199925
 Ion Ratio Lower Upper
 75 100
 77 29.5 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 52.618 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY022428.D
 Acq: 27 May 2025 11:56

Tgt Ion: 75 Resp: 228509
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 52.8 42.5 63.7



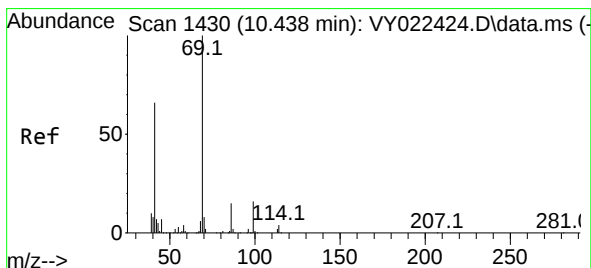
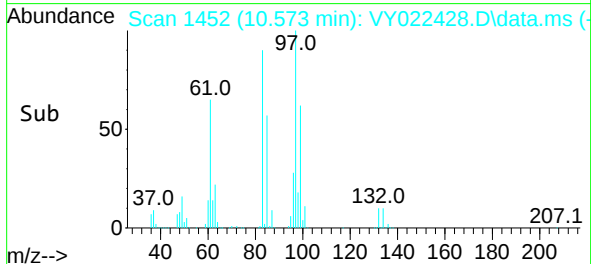
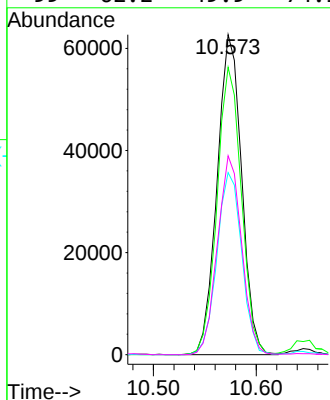
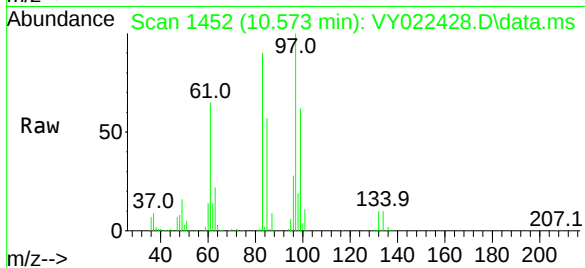


#55
1,1,2-Trichloroethane
Concen: 53.168 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Instrument : MSVOA_Y
ClientSampleId : ICVVY052725

Tgt Ion: 97 Resp: 103722

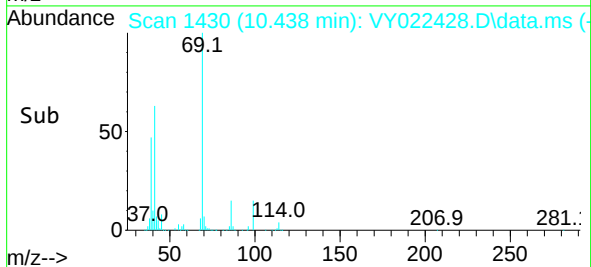
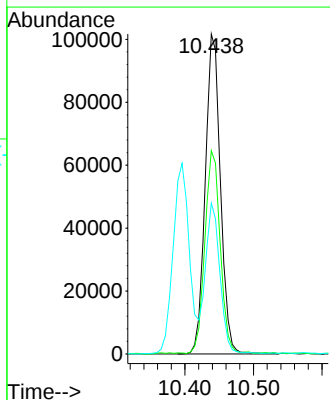
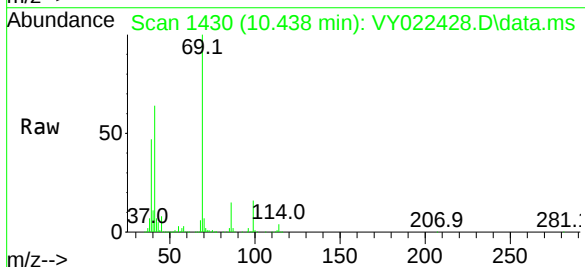
Ion	Ratio	Lower	Upper
97	100		
83	89.8	70.2	105.4
85	56.9	46.1	69.1
99	62.2	49.9	74.9

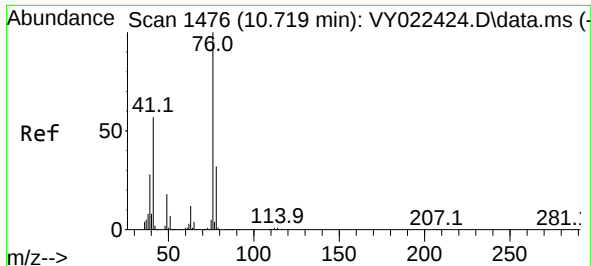


#56
Ethyl methacrylate
Concen: 55.994 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 69 Resp: 156757

Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.2	76.8
39	44.3	35.2	52.8





#57

1,3-Dichloropropane

Concen: 52.634 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

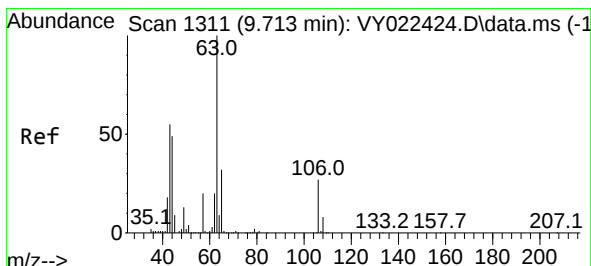
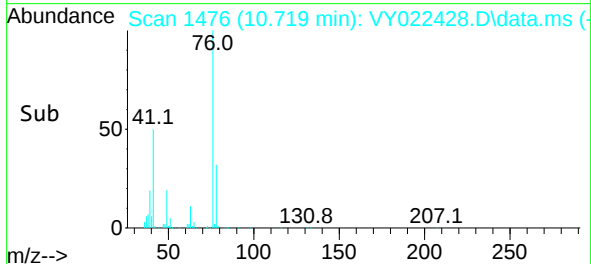
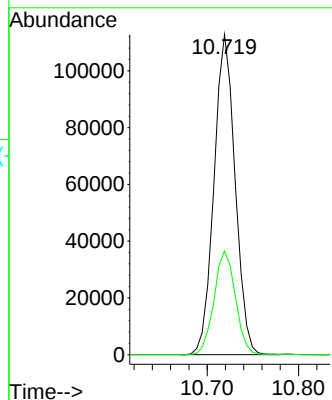
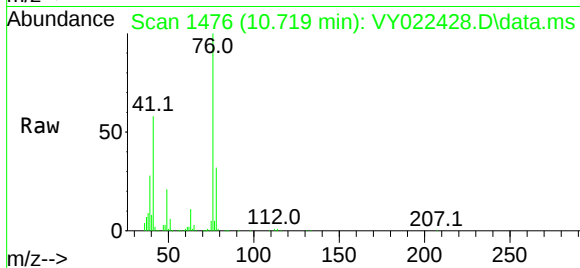
ICVVY052725

Tgt Ion: 76 Resp: 180948

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 259.493 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022428.D

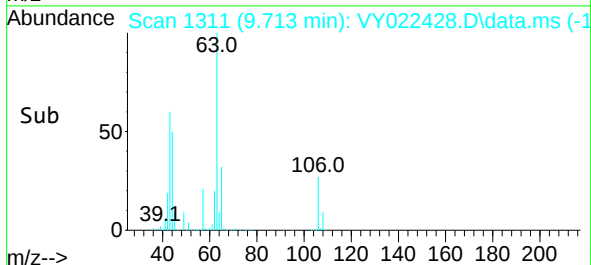
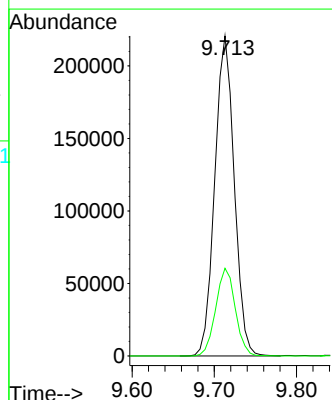
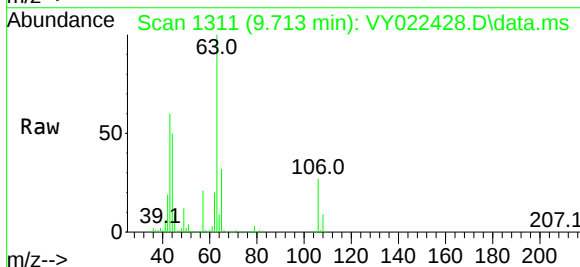
Acq: 27 May 2025 11:56

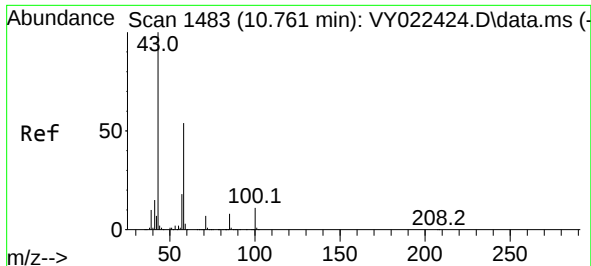
Tgt Ion: 63 Resp: 362054

Ion Ratio Lower Upper

63 100

106 27.5 22.2 33.2

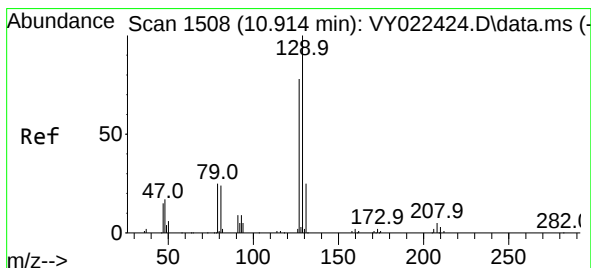
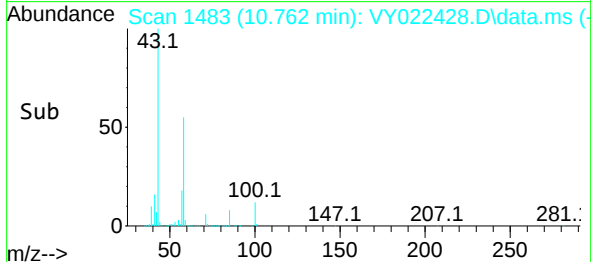
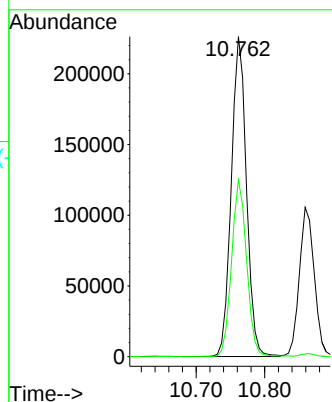
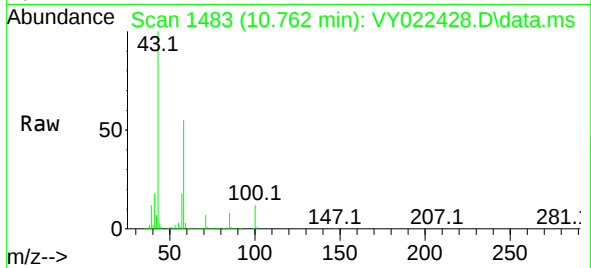




#59
2-Hexanone
Concen: 292.964 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

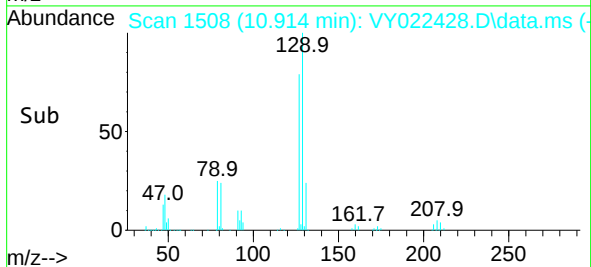
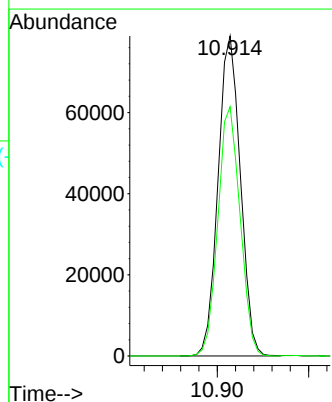
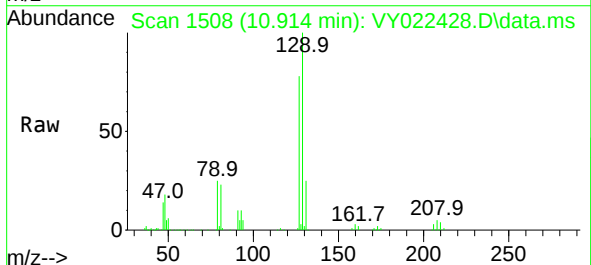
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052725

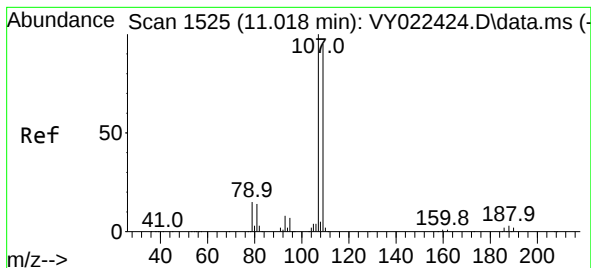
Tgt Ion: 43 Resp: 347563
Ion Ratio Lower Upper
43 100
58 54.8 27.1 81.2



#60
Dibromochloromethane
Concen: 53.666 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 129 Resp: 133735
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 54.130 ug/l

RT: 11.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

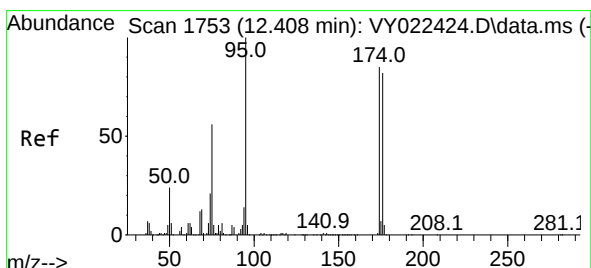
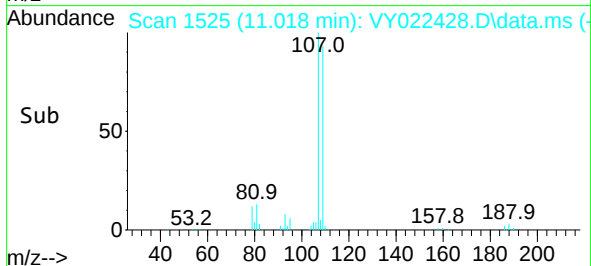
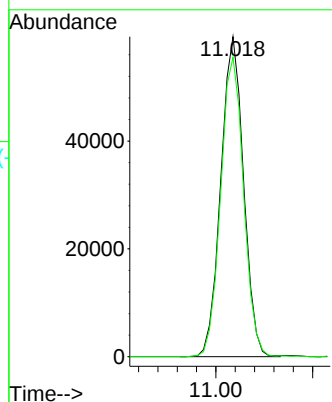
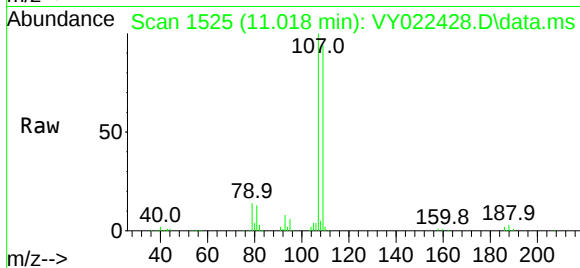
ICVY052725

Tgt Ion:107 Resp: 96584

Ion Ratio Lower Upper

107 100

109 94.3 74.0 111.0



#62

4-Bromofluorobenzene

Concen: 50.731 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

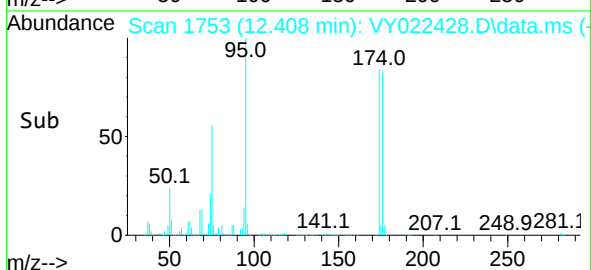
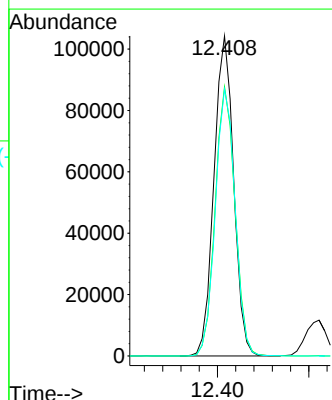
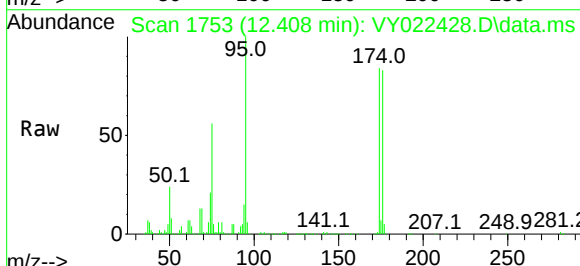
Tgt Ion: 95 Resp: 155747

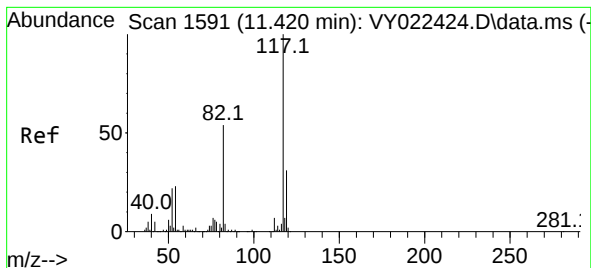
Ion Ratio Lower Upper

95 100

174 85.0 0.0 171.6

176 84.3 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052725

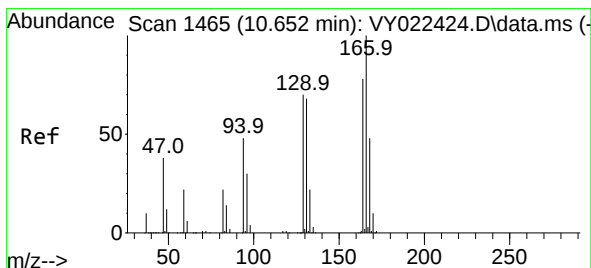
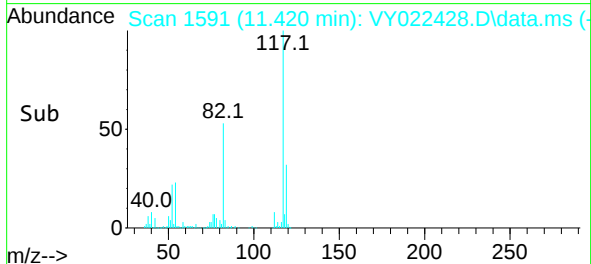
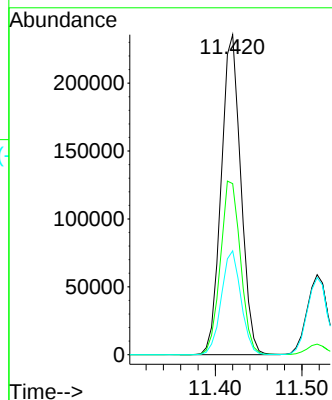
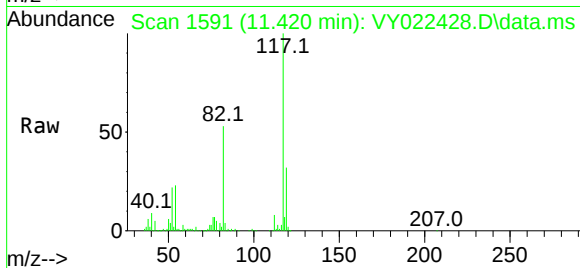
Tgt Ion:117 Resp: 371169

Ion Ratio Lower Upper

117 100

82 53.5 43.3 64.9

119 32.5 24.5 36.7



#64

Tetrachloroethene

Concen: 48.564 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Tgt Ion:164 Resp: 153515

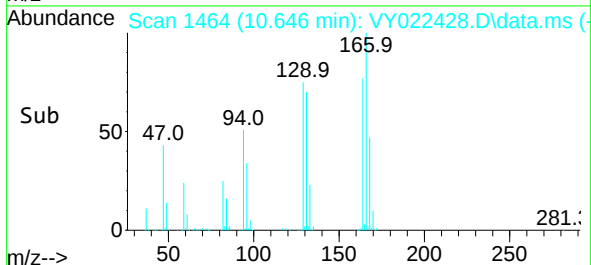
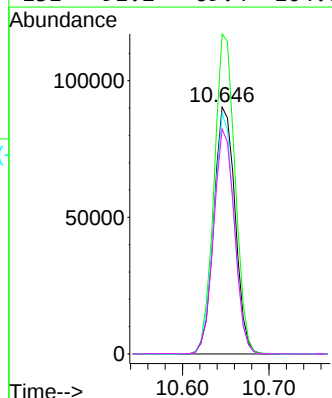
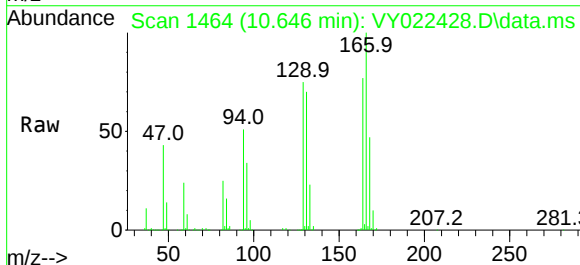
Ion Ratio Lower Upper

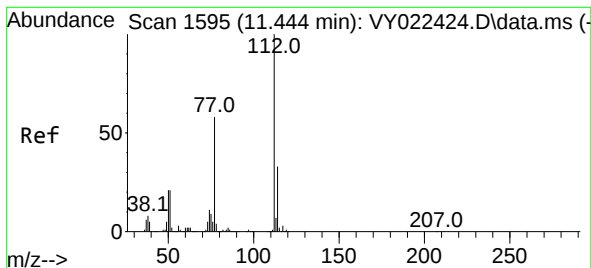
164 100

166 129.7 102.0 153.0

129 97.4 71.3 106.9

131 91.2 69.4 104.0





#65

Chlorobenzene

Concen: 51.703 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

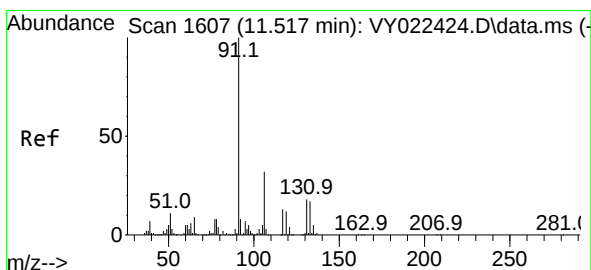
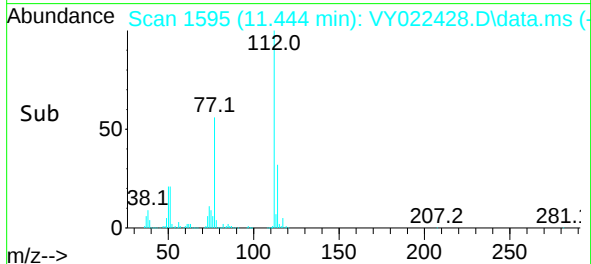
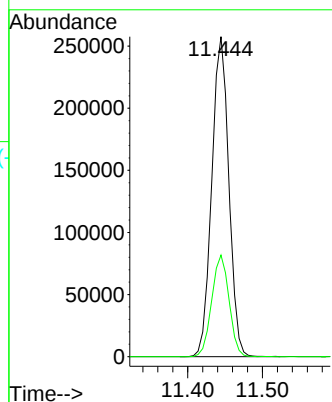
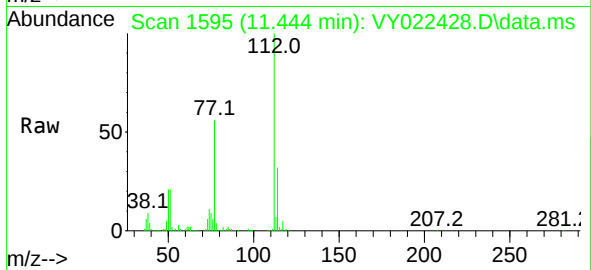
ICVVY052725

Tgt Ion:112 Resp: 409198

Ion Ratio Lower Upper

112 100

114 31.7 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 51.219 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

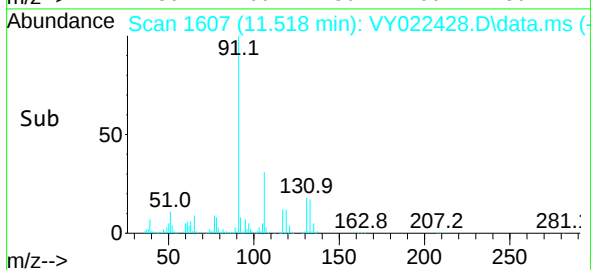
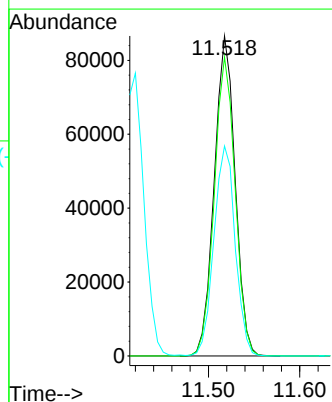
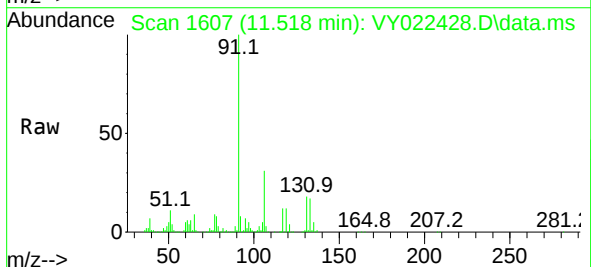
Tgt Ion:131 Resp: 137345

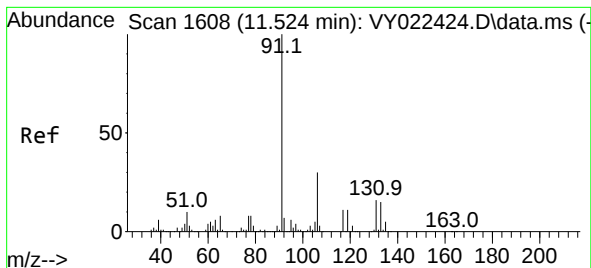
Ion Ratio Lower Upper

131 100

133 93.5 46.6 139.8

119 67.0 33.3 99.8





#67

Ethyl Benzene

Concen: 50.971 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

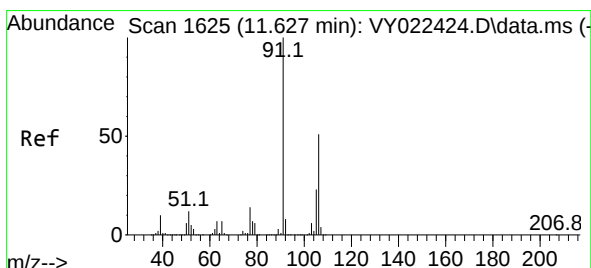
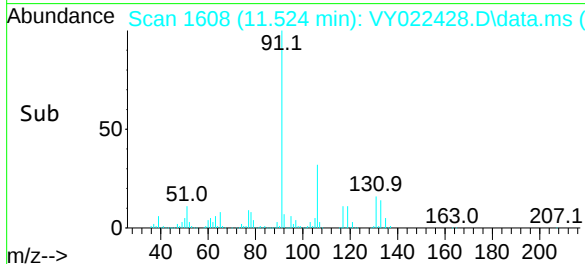
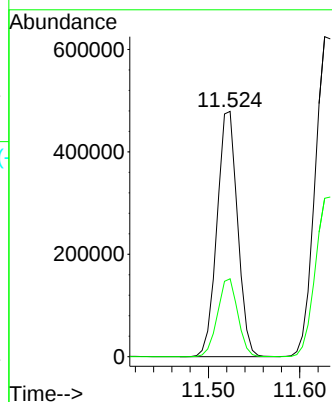
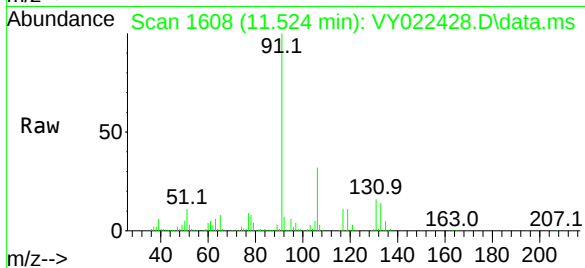
ICVY052725

Tgt Ion: 91 Resp: 749047

Ion Ratio Lower Upper

91 100

106 31.7 24.4 36.6



#68

m/p-Xylenes

Concen: 102.513 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022428.D

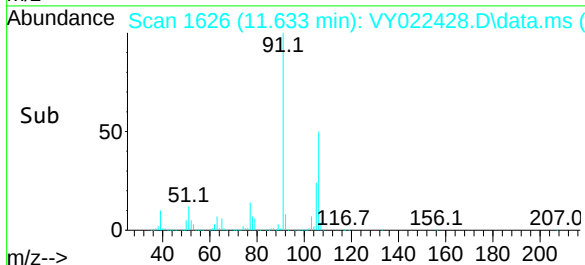
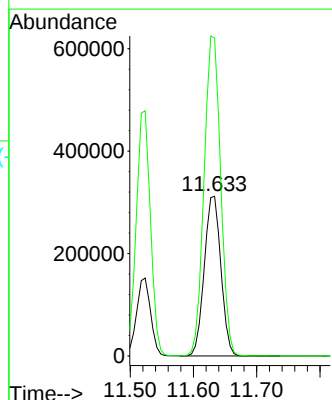
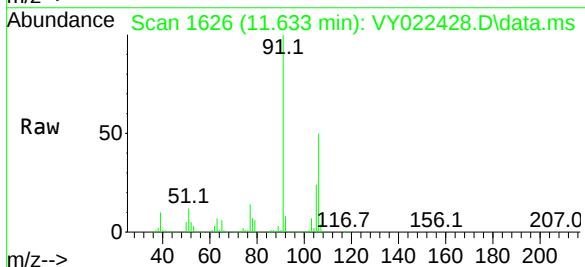
Acq: 27 May 2025 11:56

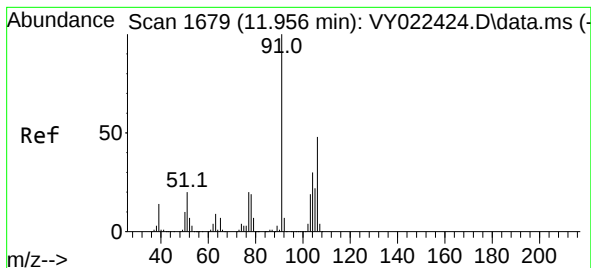
Tgt Ion:106 Resp: 571164

Ion Ratio Lower Upper

106 100

91 199.8 159.8 239.8





#69

o-Xylene

Concen: 51.205 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

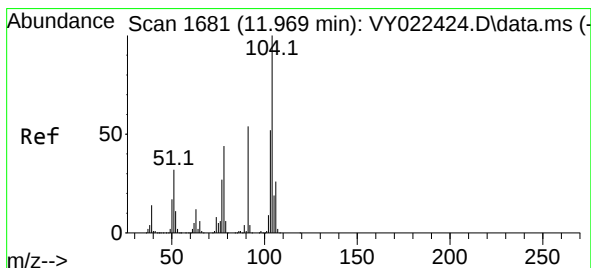
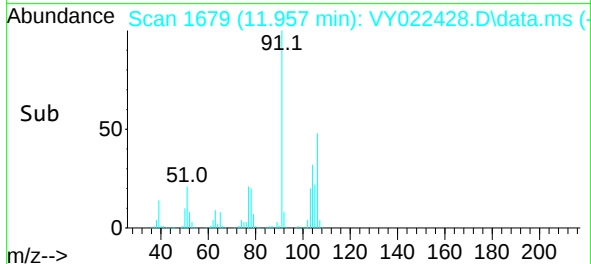
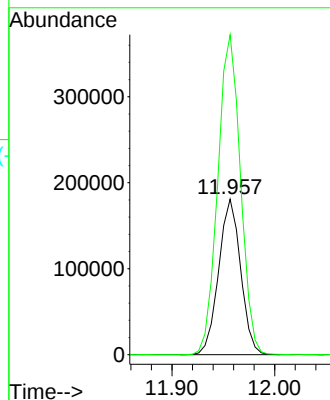
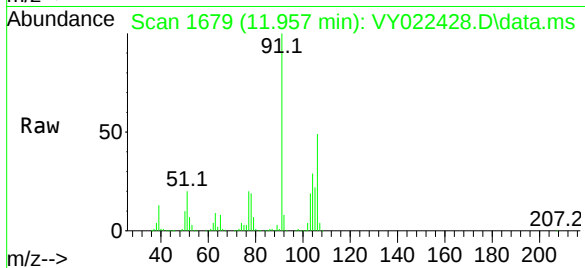
ICVVY052725

Tgt Ion:106 Resp: 268131

Ion Ratio Lower Upper

106 100

91 212.5 106.3 318.9



#70

Styrene

Concen: 52.397 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

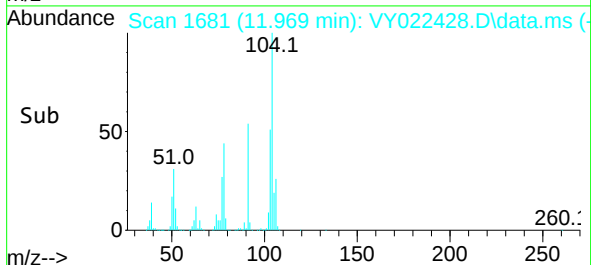
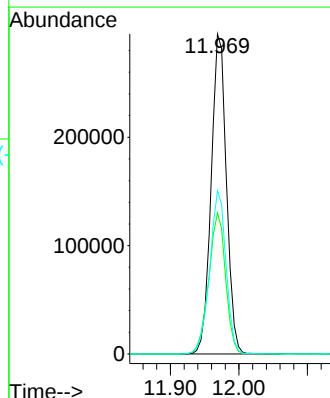
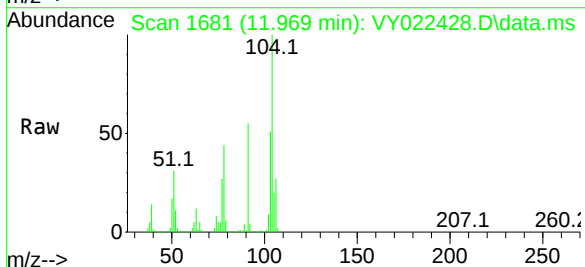
Tgt Ion:104 Resp: 456865

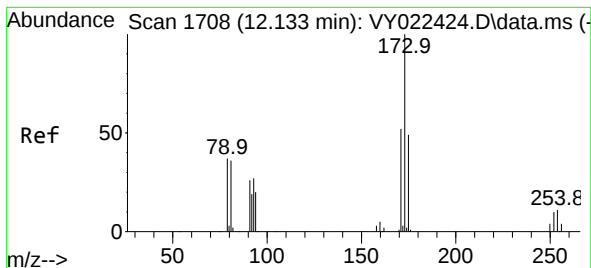
Ion Ratio Lower Upper

104 100

78 48.6 38.8 58.2

103 54.6 43.4 65.2





#71

Bromoform

Concen: 52.420 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052725

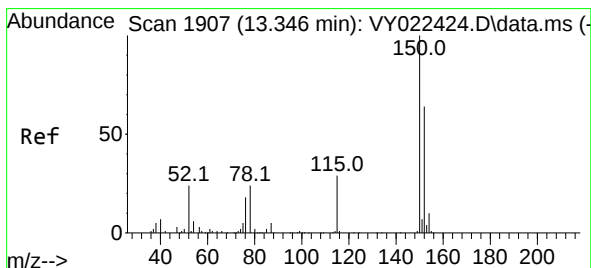
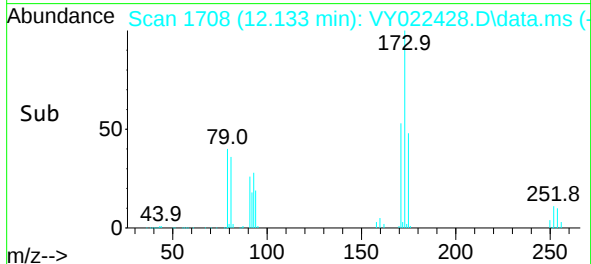
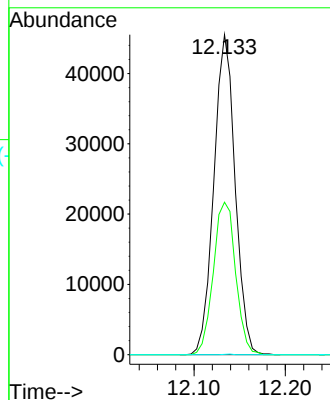
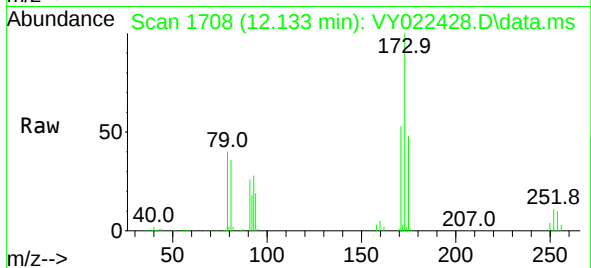
Tgt Ion:173 Resp: 73628

Ion Ratio Lower Upper

173 100

175 50.0 24.3 73.0

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

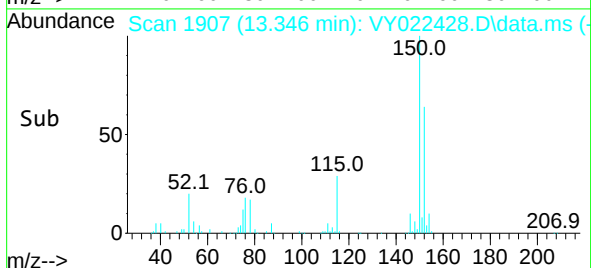
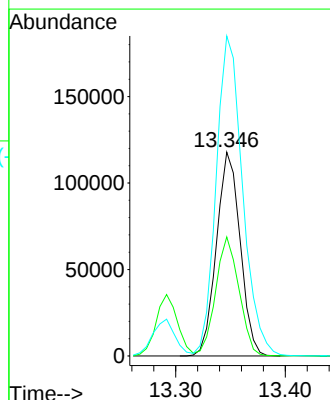
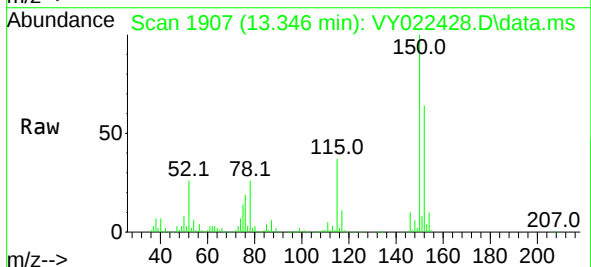
Tgt Ion:152 Resp: 177242

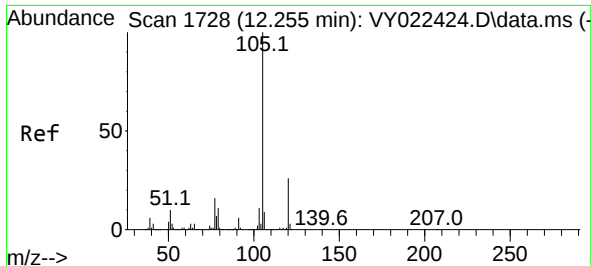
Ion Ratio Lower Upper

152 100

115 57.4 28.4 85.3

150 175.4 0.0 345.8

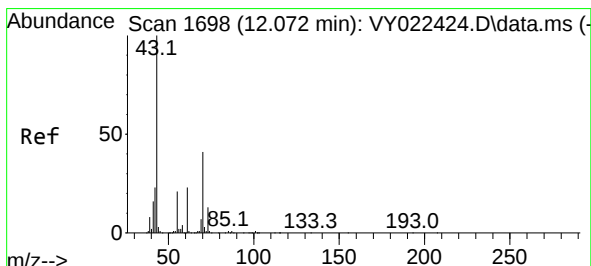
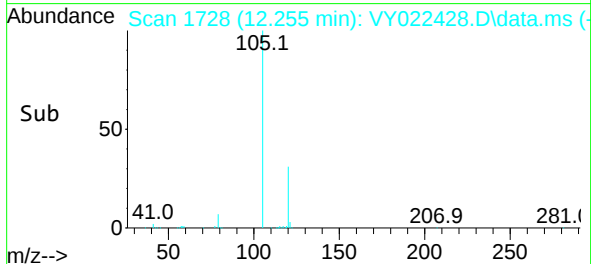
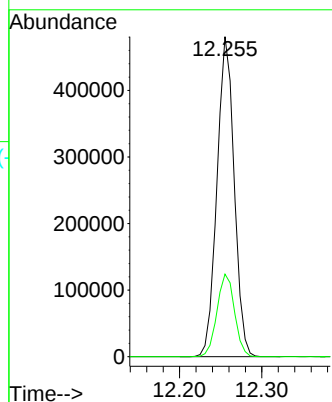
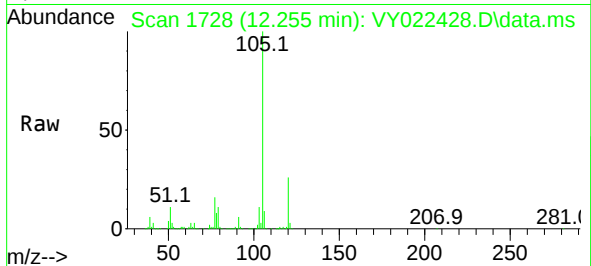




#73
Isopropylbenzene
Concen: 50.060 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

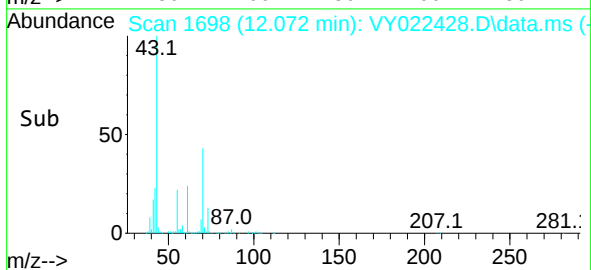
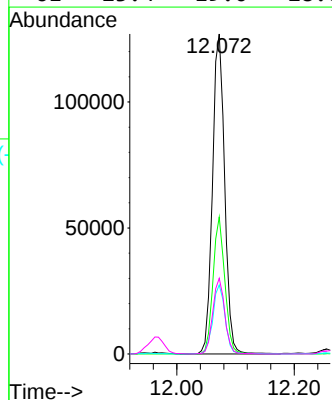
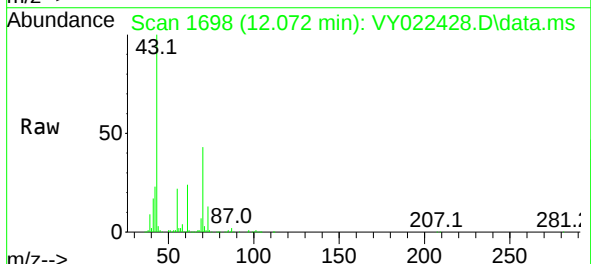
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052725

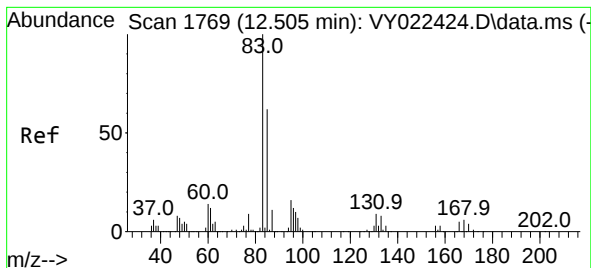
Tgt Ion:105 Resp: 698311
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#74
N-ethyl acetate
Concen: 53.559 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 43 Resp: 182818
Ion Ratio Lower Upper
43 100
70 41.6 33.0 49.4
55 21.9 17.5 26.3
61 23.4 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 53.303 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVY052725

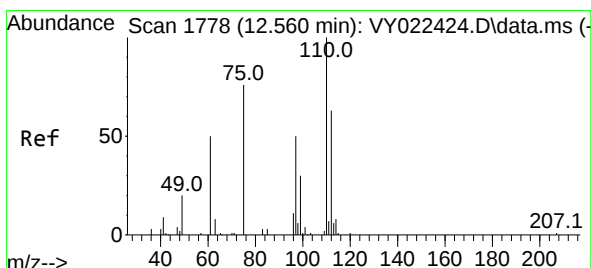
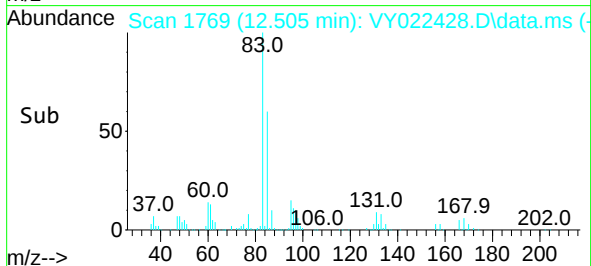
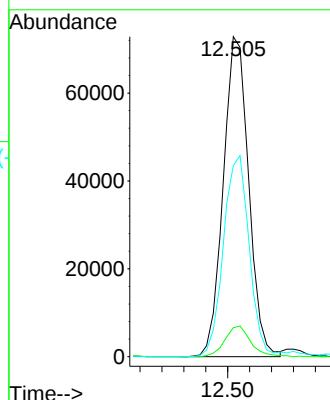
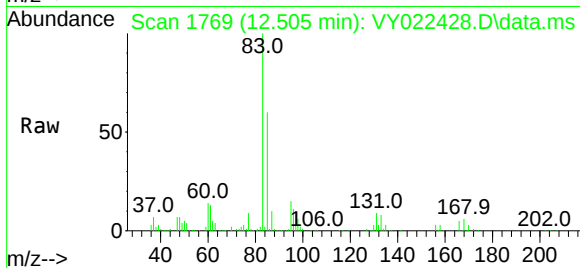
Tgt Ion: 83 Resp: 117150

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.4

85 65.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 92.866 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY022428.D

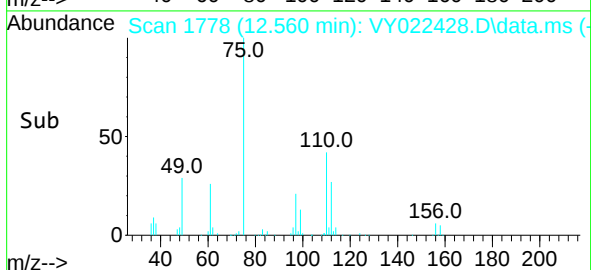
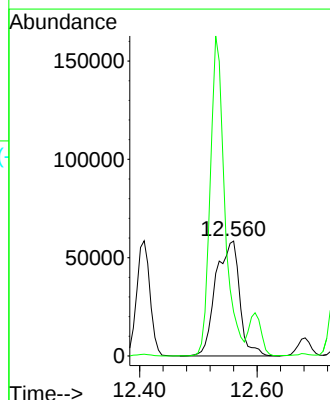
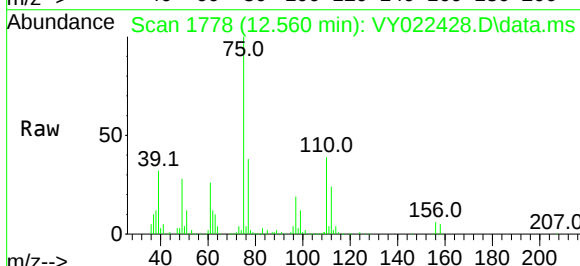
Acq: 27 May 2025 11:56

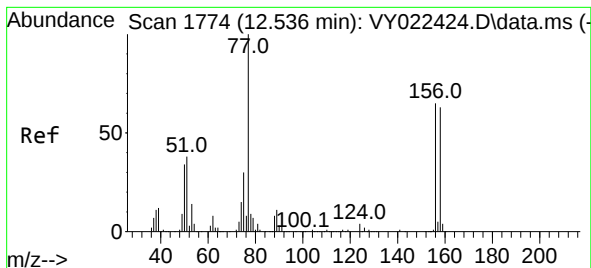
Tgt Ion: 75 Resp: 164872

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.481 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052725

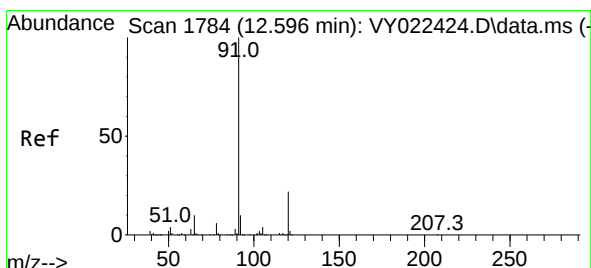
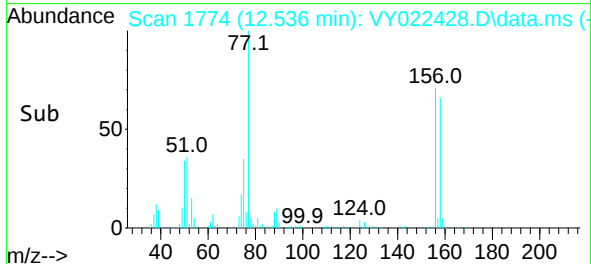
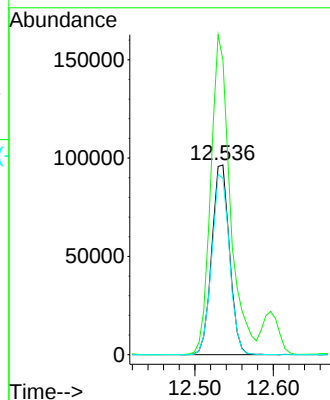
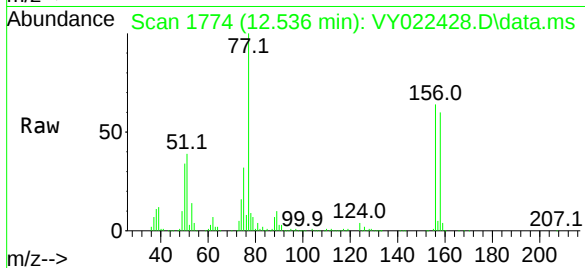
Tgt Ion:156 Resp: 151539

Ion Ratio Lower Upper

156 100

77 185.5 91.4 274.2

158 95.2 48.1 144.3



#78

n-propylbenzene

Concen: 50.973 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022428.D

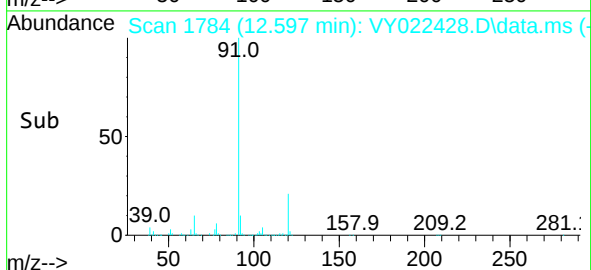
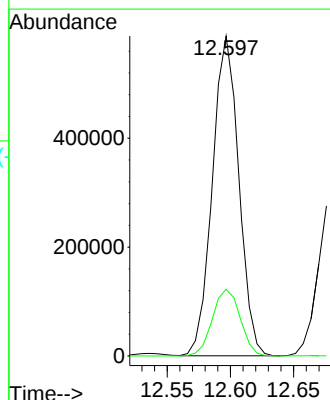
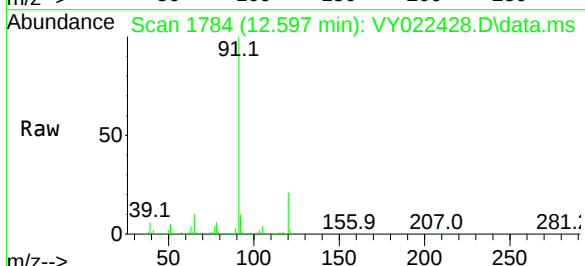
Acq: 27 May 2025 11:56

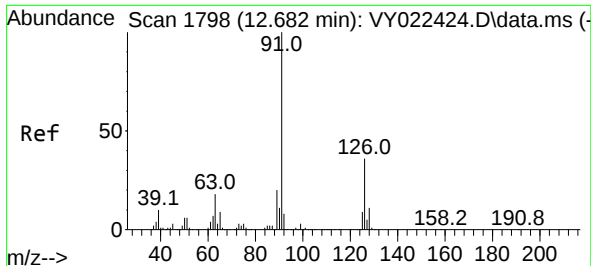
Tgt Ion: 91 Resp: 853326

Ion Ratio Lower Upper

91 100

120 21.9 11.2 33.5

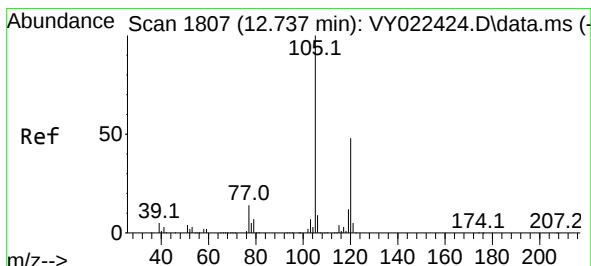
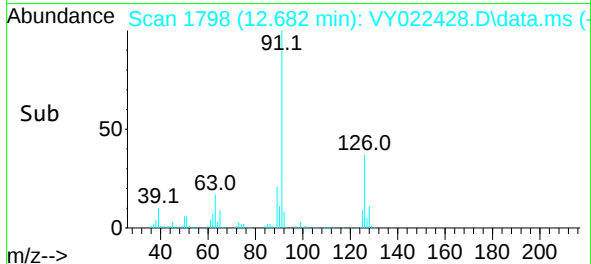
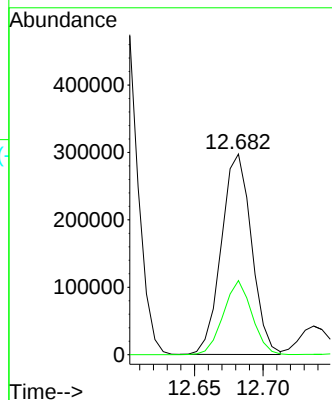
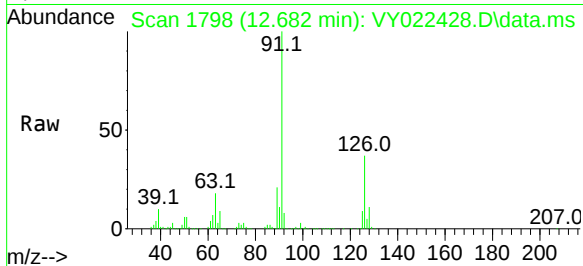




#79
2-Chlorotoluene
Concen: 50.314 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

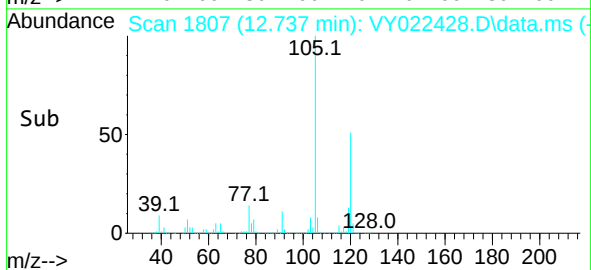
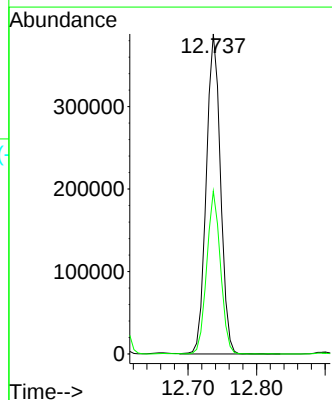
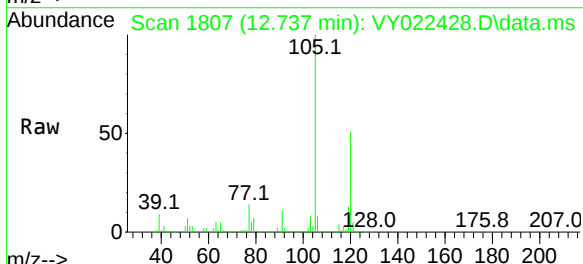
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052725

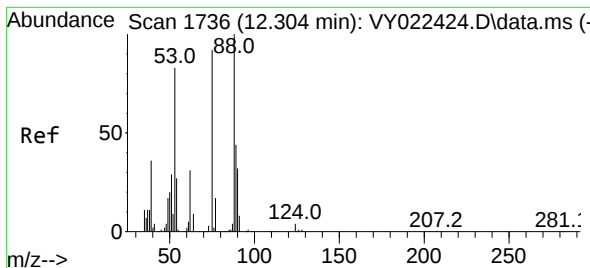
Tgt Ion: 91 Resp: 455944
Ion Ratio Lower Upper
91 100
126 35.0 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 51.376 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion:105 Resp: 559964
Ion Ratio Lower Upper
105 100
120 49.2 24.3 73.0

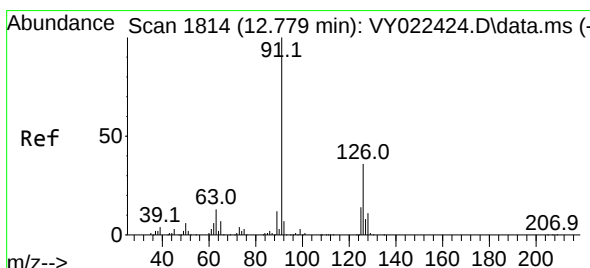
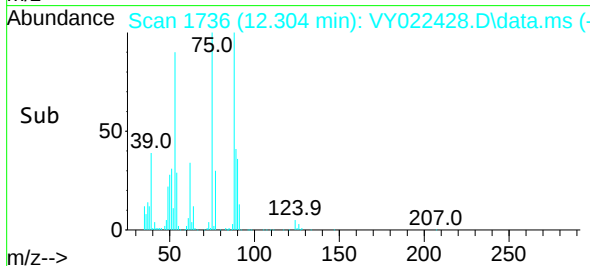
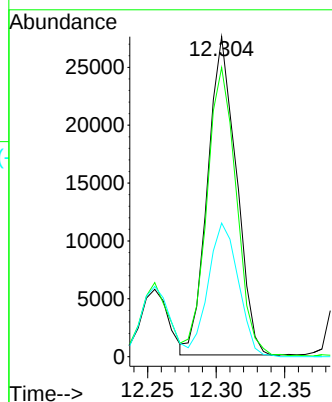
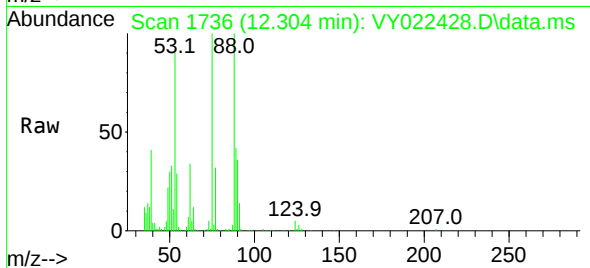




#81
trans-1,4-Dichloro-2-butene
Concen: 51.064 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

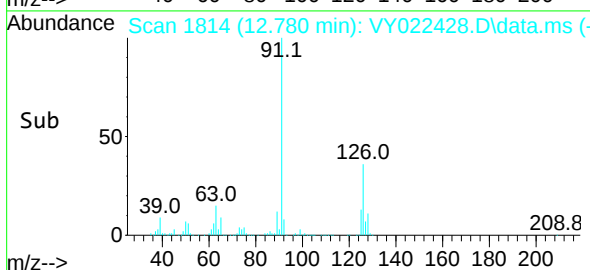
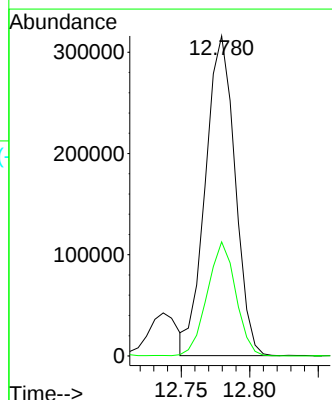
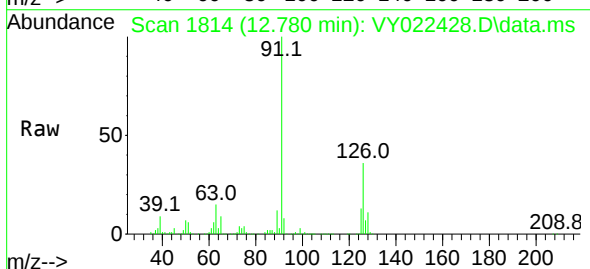
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052725

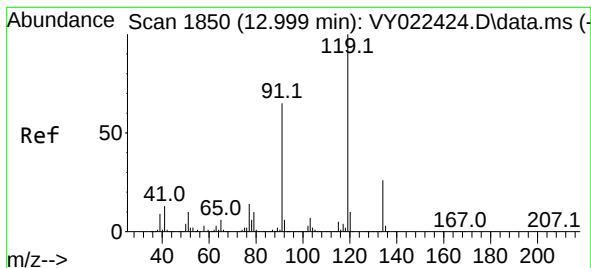
Tgt Ion: 75 Resp: 40088
Ion Ratio Lower Upper
75 100
53 93.6 75.1 112.7
89 44.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.944 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 91 Resp: 475462
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.321 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052725

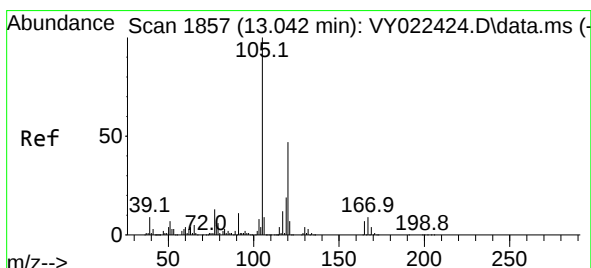
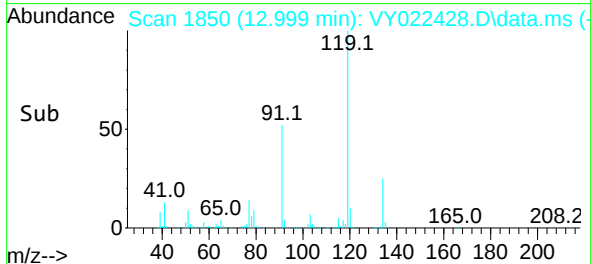
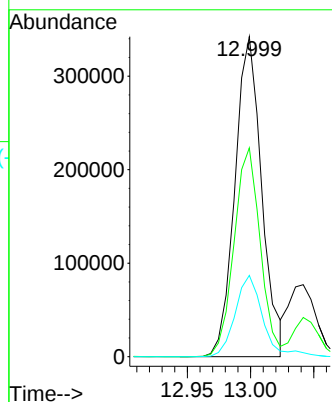
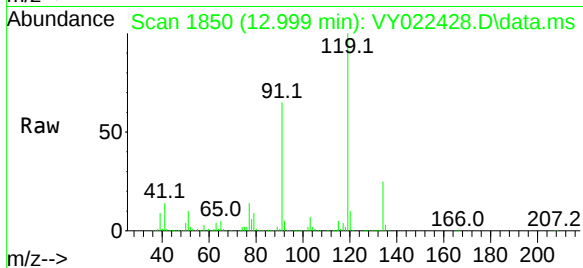
Tgt Ion:119 Resp: 505382

Ion Ratio Lower Upper

119 100

91 63.7 31.8 95.3

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.325 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022428.D

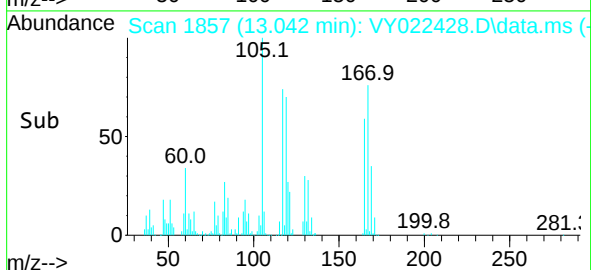
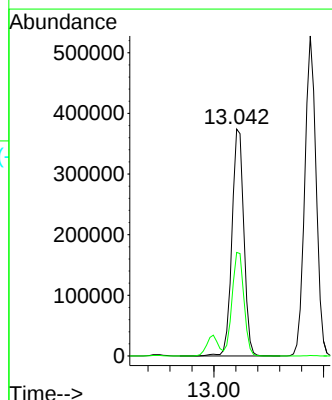
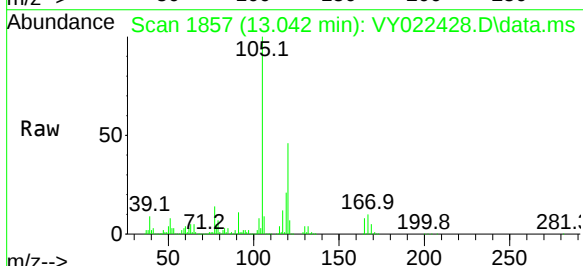
Acq: 27 May 2025 11:56

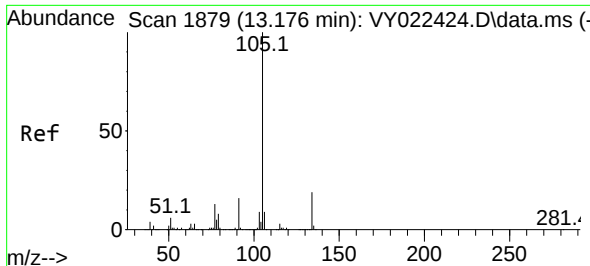
Tgt Ion:105 Resp: 562945

Ion Ratio Lower Upper

105 100

120 45.4 22.9 68.5

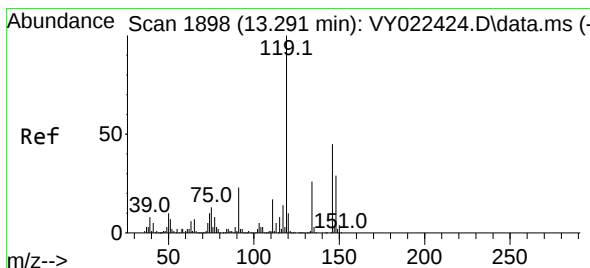
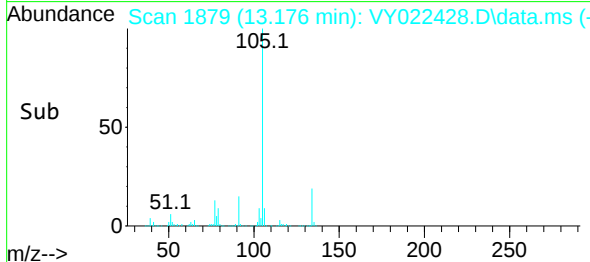
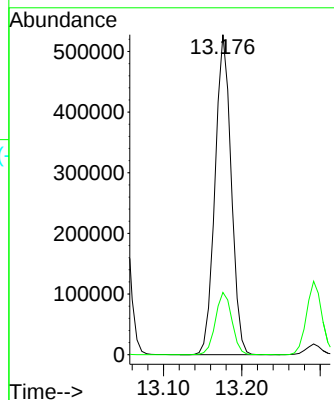
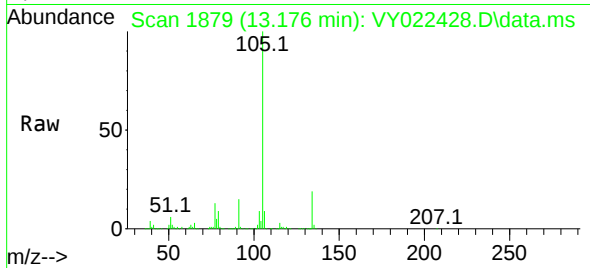




#85
 sec-Butylbenzene
 Concen: 51.763 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022428.D
 Acq: 27 May 2025 11:56

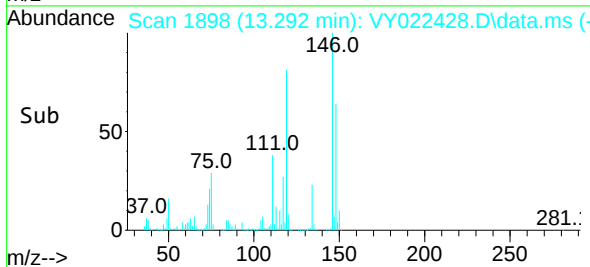
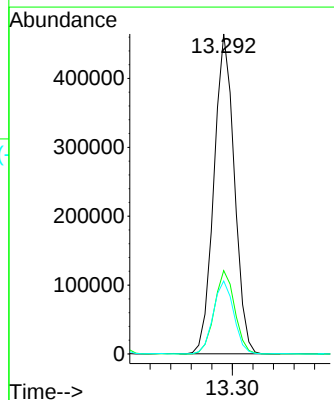
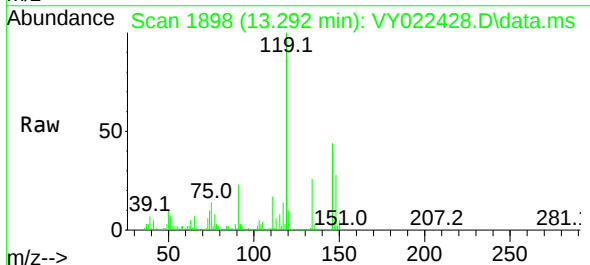
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY052725

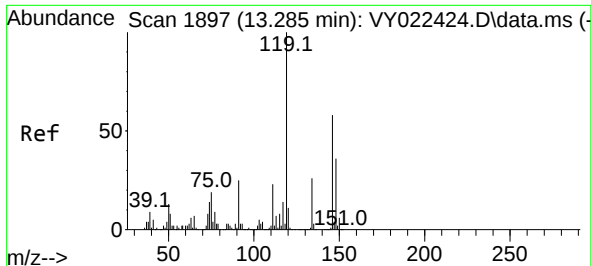
Tgt Ion:105 Resp: 755958
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 52.334 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022428.D
 Acq: 27 May 2025 11:56

Tgt Ion:119 Resp: 638231
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 22.9 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 51.396 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052725

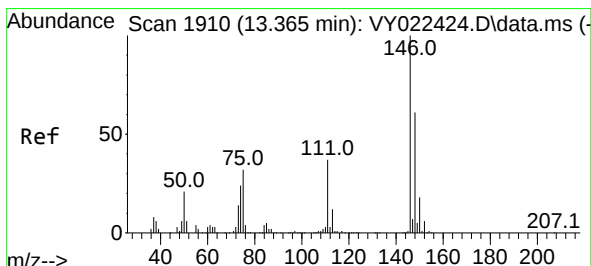
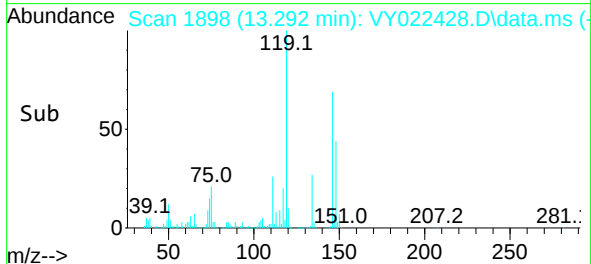
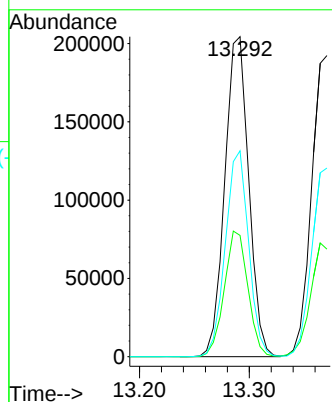
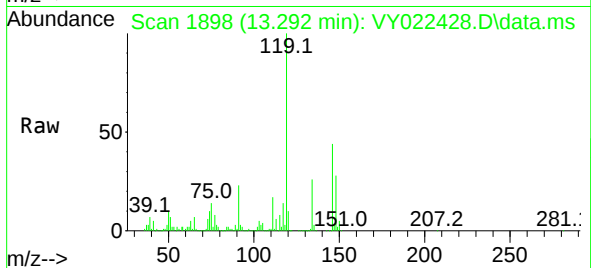
Tgt Ion:146 Resp: 310435

Ion Ratio Lower Upper

146 100

111 38.7 19.6 58.8

148 62.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 51.622 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

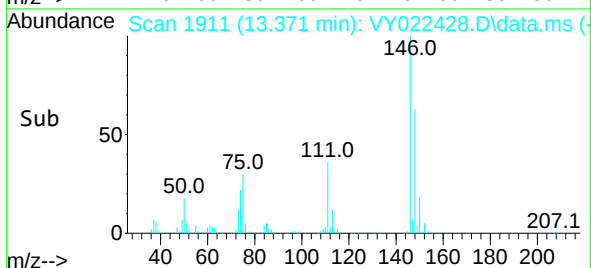
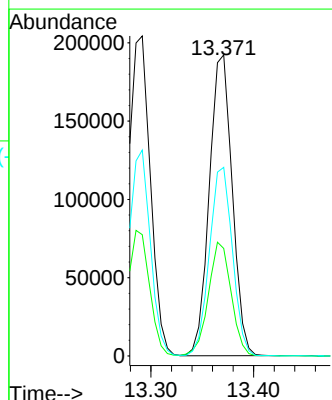
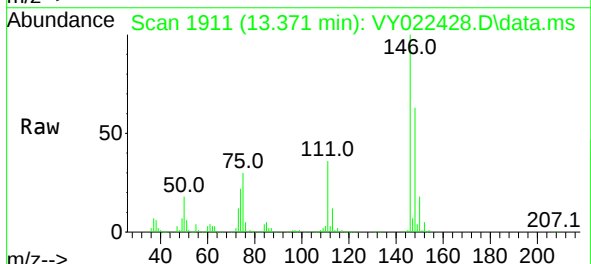
Tgt Ion:146 Resp: 298140

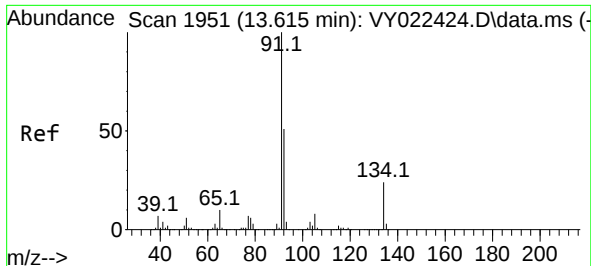
Ion Ratio Lower Upper

146 100

111 37.6 18.7 56.1

148 63.1 31.4 94.3

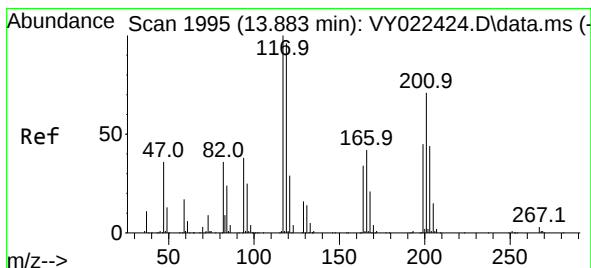
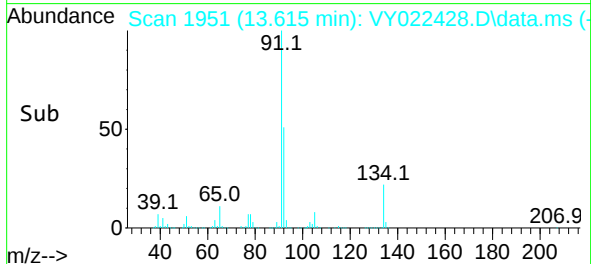
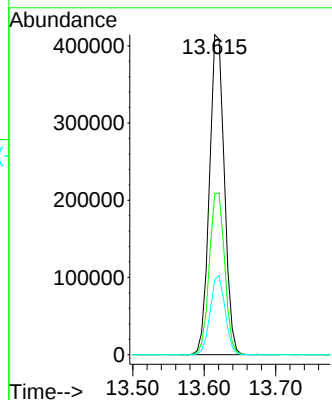
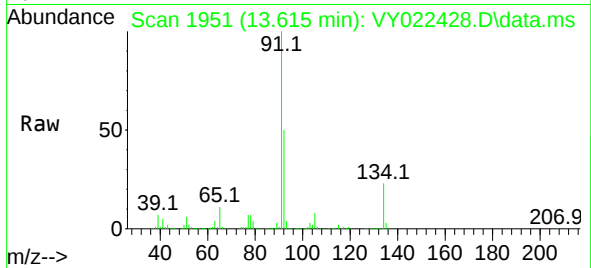




#89
n-Butylbenzene
Concen: 52.600 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

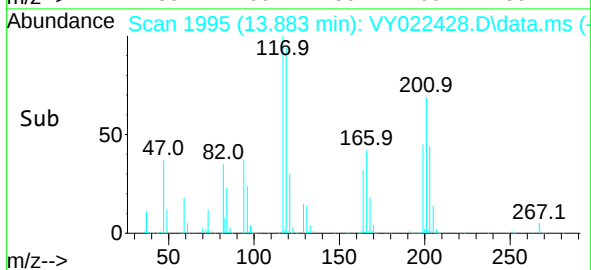
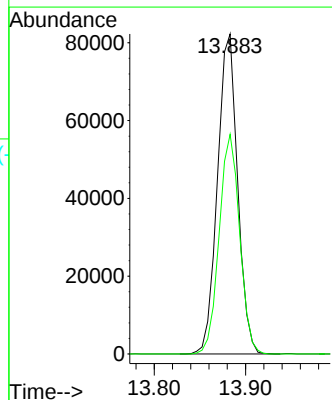
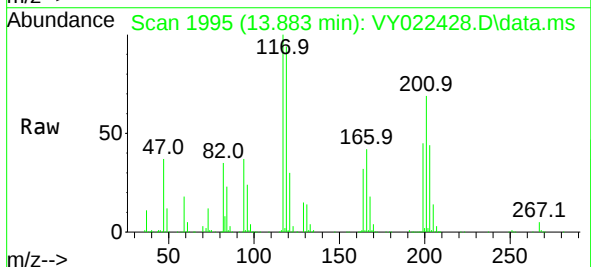
Instrument :
MSVOA_Y
ClientSampleId :
ICVY052725

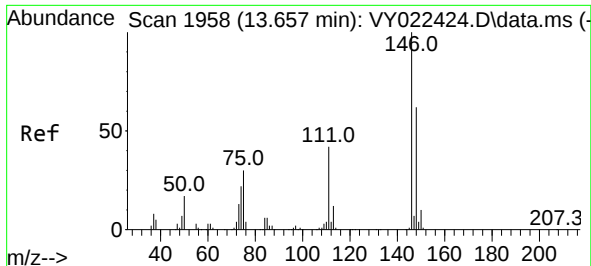
Tgt Ion: 91 Resp: 601455
Ion Ratio Lower Upper
91 100
92 51.9 25.9 77.6
134 24.7 12.4 37.0



#90
Hexachloroethane
Concen: 51.881 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 117 Resp: 125908
Ion Ratio Lower Upper
117 100
201 69.7 35.0 105.0

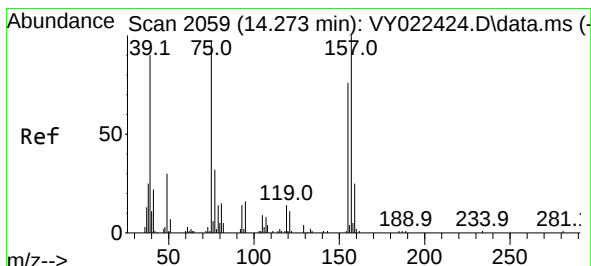
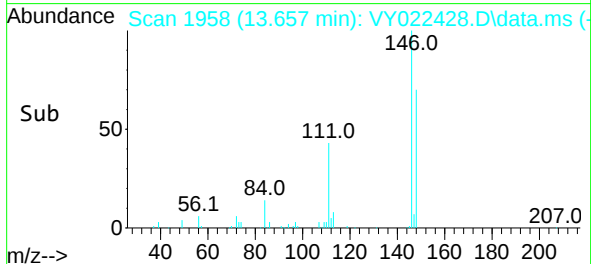
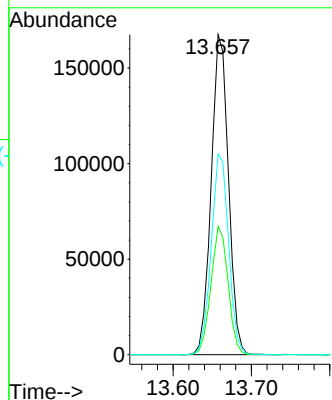
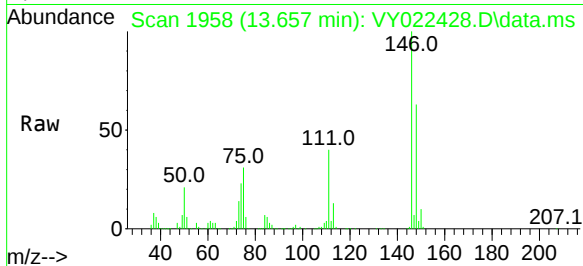




#91
1,2-Dichlorobenzene
Concen: 50.701 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

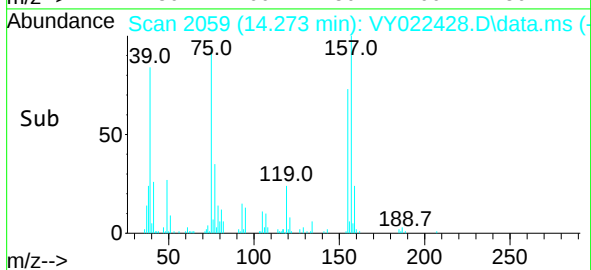
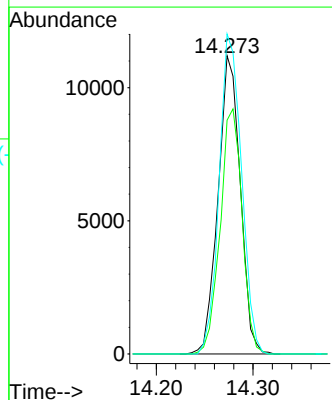
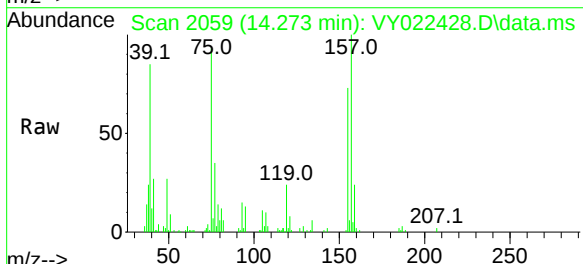
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY052725

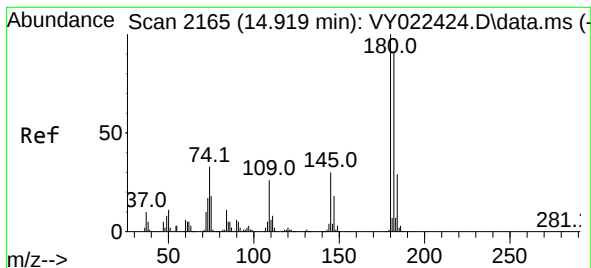
Tgt Ion:146 Resp: 255789
Ion Ratio Lower Upper
146 100
111 39.8 20.5 61.6
148 63.5 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.462 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022428.D
Acq: 27 May 2025 11:56

Tgt Ion: 75 Resp: 17817
Ion Ratio Lower Upper
75 100
155 81.1 42.3 126.8
157 108.0 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 52.407 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052725

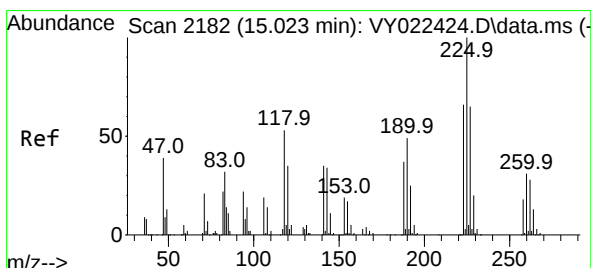
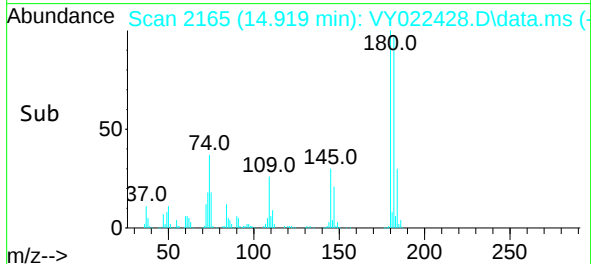
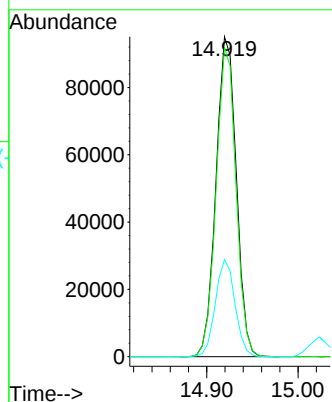
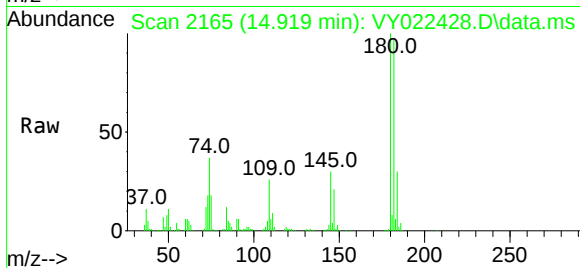
Tgt Ion:180 Resp: 146574

Ion Ratio Lower Upper

180 100

182 94.6 46.2 138.6

145 29.4 14.2 42.8



#94

Hexachlorobutadiene

Concen: 52.335 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

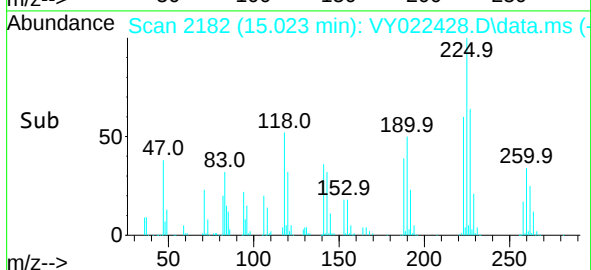
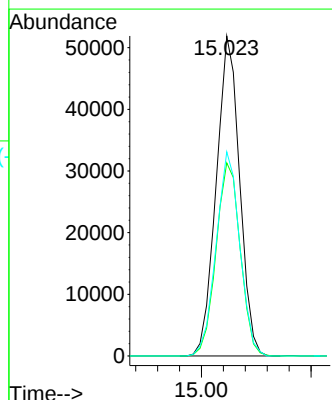
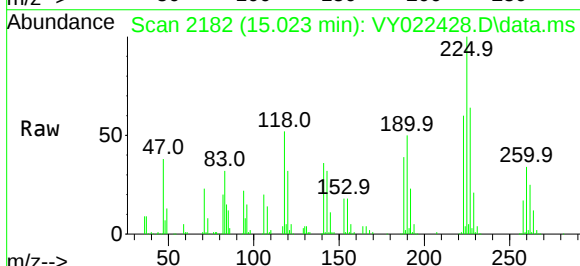
Tgt Ion:225 Resp: 76816

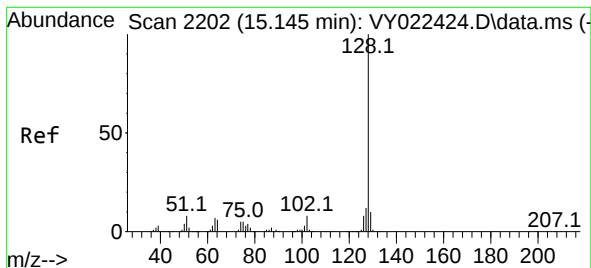
Ion Ratio Lower Upper

225 100

223 62.3 32.6 97.7

227 64.5 33.0 99.0





#95

Naphthalene

Concen: 54.826 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY052725

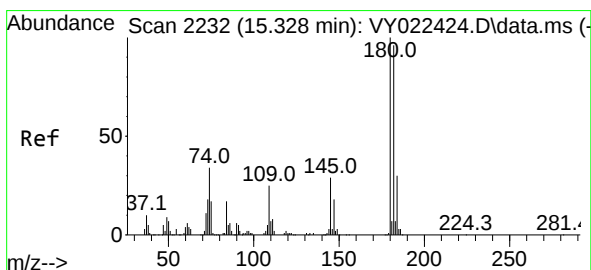
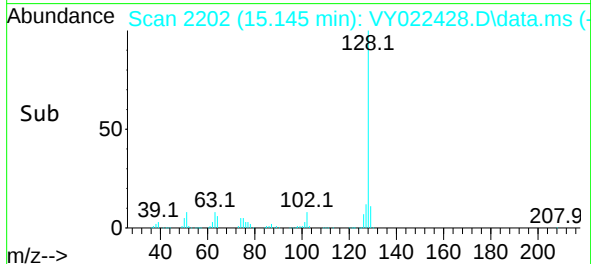
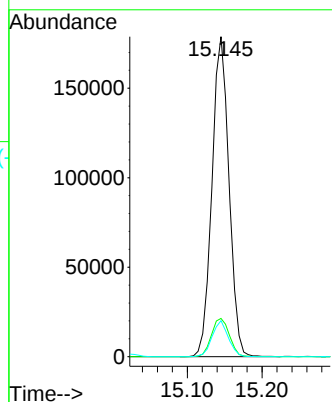
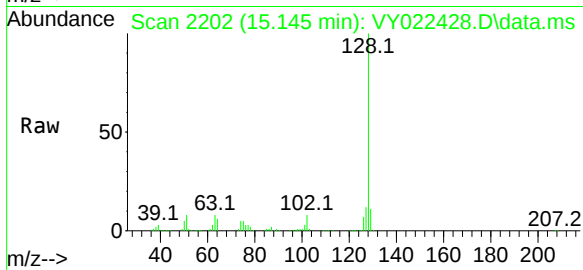
Tgt Ion:128 Resp: 283477

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 53.900 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022428.D

Acq: 27 May 2025 11:56

Tgt Ion:180 Resp: 123635

Ion Ratio Lower Upper

180 100

182 94.8 48.1 144.3

145 31.8 14.9 44.5

