

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062725\
 Data File : VV038825.D
 Acq On : 27 Jun 2025 09:40
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 28 03:57:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 28 03:44:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	467440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	774711	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	733153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	408820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	120917	20.094	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.180%	
35) Dibromofluoromethane	4.503	113	104278	20.746	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.500%	
50) Toluene-d8	7.236	98	351635	20.475	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.940%	
62) 4-Bromofluorobenzene	10.001	95	128089	20.260	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.520%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	90428	20.378	ug/l	100
3) Chloromethane	1.230	50	110778	19.269	ug/l	97
4) Vinyl Chloride	1.297	62	118460	19.311	ug/l	99
5) Bromomethane	1.497	94	88043	20.143	ug/l	99
6) Chloroethane	1.561	64	79331	19.986	ug/l	100
7) Trichlorofluoromethane	1.725	101	174117	19.076	ug/l	97
8) Diethyl Ether	1.918	74	65850	18.883	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.082	101	108456	19.731	ug/l	98
10) Methyl Iodide	2.195	142	94588	18.669	ug/l	99
11) Tert butyl alcohol	2.558	59	96554	94.095	ug/l	99
12) 1,1-Dichloroethene	2.082	96	98136	20.000	ug/l	97
13) Acrolein	2.008	56	39337	101.520	ug/l	98
14) Allyl chloride	2.358	41	169544	19.017	ug/l	98
15) Acrylonitrile	2.674	53	352019	100.746	ug/l	99
16) Acetone	2.117	43	275453	101.783	ug/l	99
17) Carbon Disulfide	2.252	76	256442	20.146	ug/l	100
18) Methyl Acetate	2.381	43	178894	20.631	ug/l	100
19) Methyl tert-butyl Ether	2.706	73	318372	19.108	ug/l	100
20) Methylene Chloride	2.455	84	121297	19.257	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	103086	18.814	ug/l	98
22) Diisopropyl ether	3.211	45	369141	20.460	ug/l	79
23) Vinyl Acetate	3.188	43	1468568	102.466	ug/l	99
24) 1,1-Dichloroethane	3.121	63	213352	19.718	ug/l	99
25) 2-Butanone	3.860	43	423958	104.739	ug/l	99
26) 2,2-Dichloropropane	3.809	77	173606	19.050	ug/l	98
27) cis-1,2-Dichloroethene	3.825	96	118618	18.677	ug/l	99
28) Bromochloromethane	4.146	49	101479	20.095	ug/l	97
29) Tetrahydrofuran	4.230	42	287143	97.452	ug/l	98
30) Chloroform	4.278	83	215763	19.406	ug/l	98
31) Cyclohexane	4.587	56	166168	19.752	ug/l	98
32) 1,1,1-Trichloroethane	4.513	97	186018	19.461	ug/l	100
36) 1,1-Dichloropropene	4.747	75	133840	18.175	ug/l	100
37) Ethyl Acetate	3.976	43	169044	17.102	ug/l	99
38) Carbon Tetrachloride	4.735	117	156345	19.947	ug/l	99
39) Methylcyclohexane	6.046	83	147742	17.880	ug/l	96
40) Benzene	5.011	78	429796	19.727	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	68633	17.957	ug/l #	88
42) 1,2-Dichloroethane	5.040	62	154177	19.619	ug/l	99
43) Isopropyl Acetate	5.191	43	245440	20.427	ug/l	99
44) Trichloroethene	5.834	130	103665	19.826	ug/l	99
45) 1,2-Dichloropropane	6.088	63	118943	20.765	ug/l	100
46) Dibromomethane	6.226	93	84538	20.120	ug/l	99
47) Bromodichloromethane	6.426	83	168236	19.826	ug/l	99
48) Methyl methacrylate	6.297	41	109021	19.144	ug/l	99
49) 1,4-Dioxane	6.288	88	28237	308.025	ug/l	94
51) 4-Methyl-2-Pentanone	7.146	43	967968	109.419	ug/l	98
52) Toluene	7.310	92	268827	20.241	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	162484	20.085	ug/l	97
54) cis-1,3-Dichloropropene	6.950	75	178859	19.989	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	119694	20.886	ug/l	98
56) Ethyl methacrylate	7.715	69	144770	18.543	ug/l	99
57) 1,3-Dichloropropane	7.934	76	191931	20.352	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.812	63	518335	104.353	ug/l	99
59) 2-Hexanone	8.062	43	700181	112.363	ug/l	97
60) Dibromochloromethane	8.169	129	131082	19.728	ug/l	98
61) 1,2-Dibromoethane	8.275	107	122095	20.641	ug/l	97
64) Tetrachloroethene	7.898	164	102438	20.020	ug/l	97
65) Chlorobenzene	8.805	112	308567	19.247	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	110789	19.542	ug/l	99
67) Ethyl Benzene	8.937	91	476268	18.875	ug/l	99
68) m/p-Xylenes	9.062	106	388153	40.844	ug/l	98
69) o-Xylene	9.468	106	170029	19.127	ug/l	100
70) Styrene	9.487	104	309117	20.591	ug/l	99
71) Bromoform	9.654	173	90058	19.716	ug/l #	100
73) Isopropylbenzene	9.857	105	481401	19.313	ug/l	99
74) N-amyl acetate	9.725	43	196003	18.035	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	198686	19.144	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	150813	19.191	ug/l	79
77) Bromobenzene	10.143	156	119866	19.074	ug/l	97
78) n-propylbenzene	10.278	91	589160	19.545	ug/l	100
79) 2-Chlorotoluene	10.349	91	355732	19.835	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	411937	19.889	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	64603	19.038	ug/l	96
82) 4-Chlorotoluene	10.464	91	418028	20.216	ug/l	99
83) tert-Butylbenzene	10.789	119	380621	18.429	ug/l	100
84) 1,2,4-Trimethylbenzene	10.840	105	400826	19.957	ug/l	100
85) sec-Butylbenzene	11.011	105	533754	19.594	ug/l	100
86) p-Isopropyltoluene	11.165	119	454971	19.548	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	245417	19.186	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	260979	18.837	ug/l	98
89) n-Butylbenzene	11.580	91	421656	18.705	ug/l	99
90) Hexachloroethane	11.818	117	97286	18.986	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	233024	18.791	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	39192	17.812	ug/l	97
93) 1,2,4-Trichlorobenzene	13.184	180	132958	18.174	ug/l	99
94) Hexachlorobutadiene	13.368	225	63828	17.940	ug/l	98
95) Naphthalene	13.426	128	425550	17.165	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	135841	18.075	ug/l	98

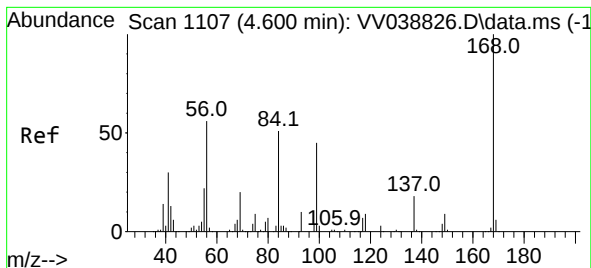
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062725\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

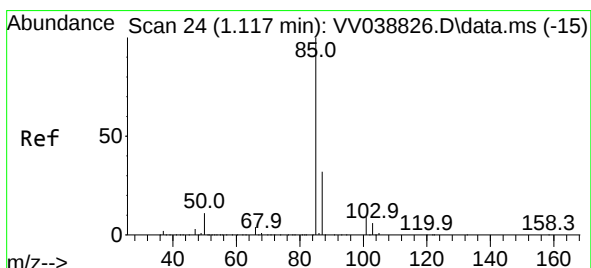
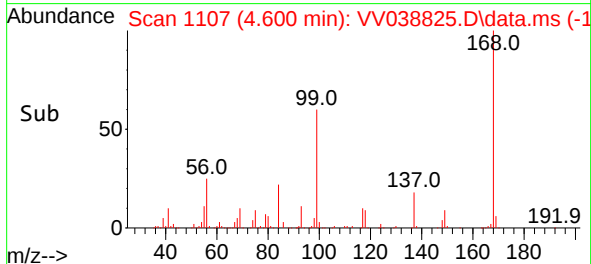
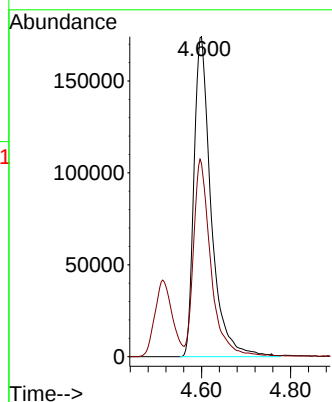
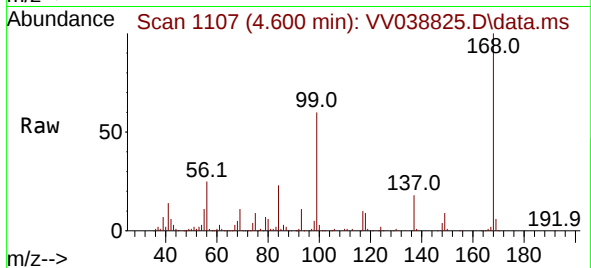
VSTDIC020

Tgt Ion:168 Resp: 467440

Ion Ratio Lower Upper

168 100

99 60.1 49.0 73.6



#2

Dichlorodifluoromethane

Concen: 20.378 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.003 min

Lab File: VV038825.D

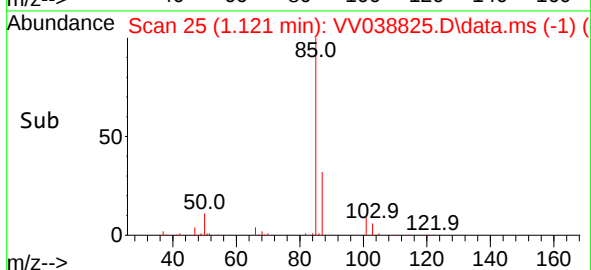
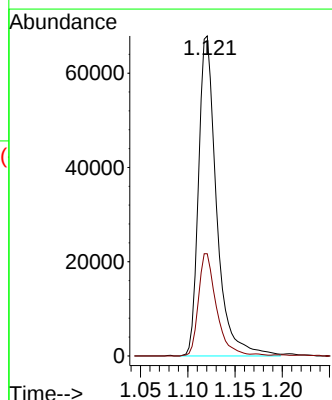
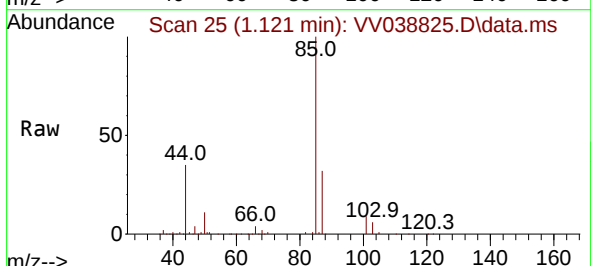
Acq: 27 Jun 2025 09:40

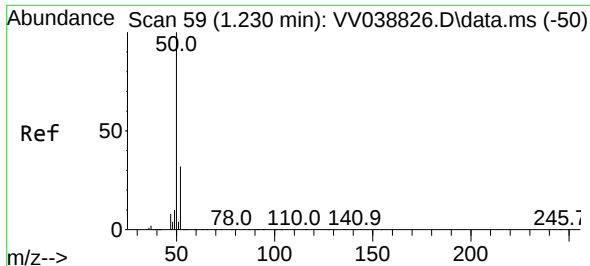
Tgt Ion: 85 Resp: 90428

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.3

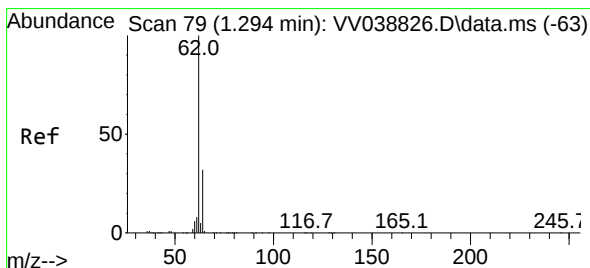
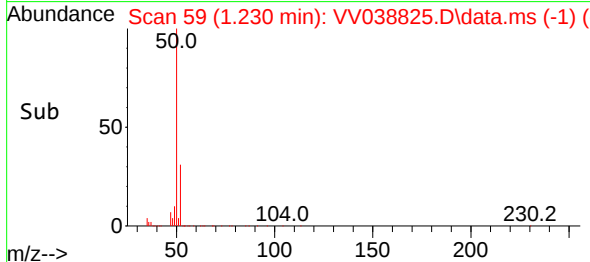
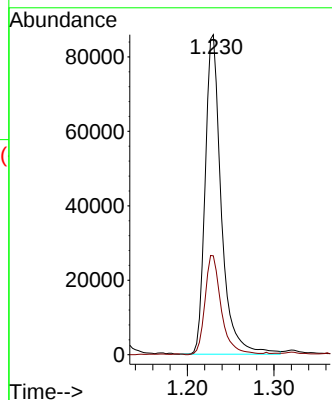
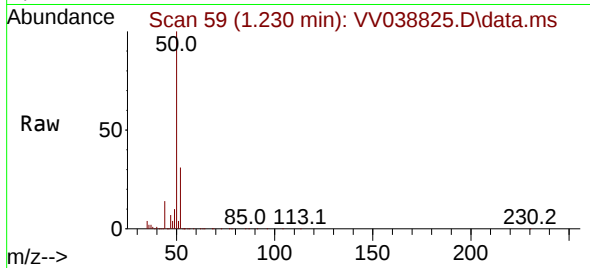




#3
Chloromethane
Concen: 19.269 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

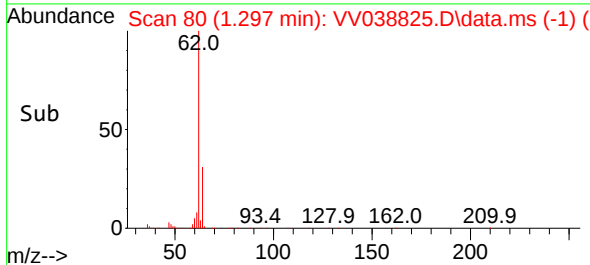
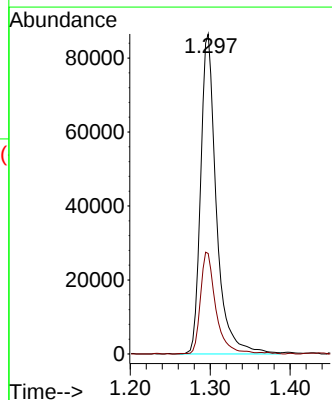
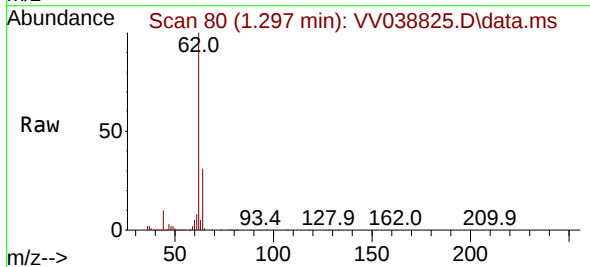
Instrument :
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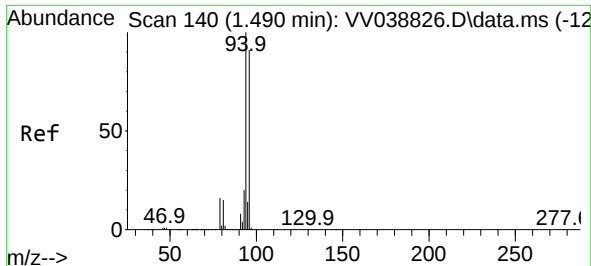
Tgt Ion: 50 Resp: 110778
Ion Ratio Lower Upper
50 100
52 30.7 25.8 38.6



#4
Vinyl Chloride
Concen: 19.311 ug/l
RT: 1.297 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 62 Resp: 118460
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9





#5

Bromomethane

Concen: 20.143 ug/l

RT: 1.497 min Scan# 140

Delta R.T. 0.007 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

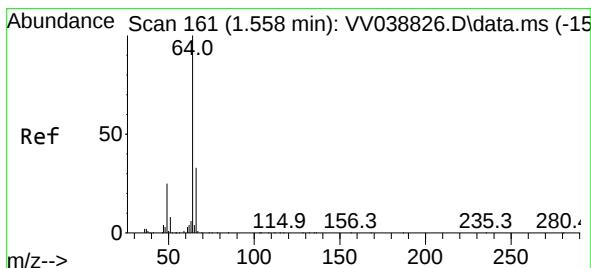
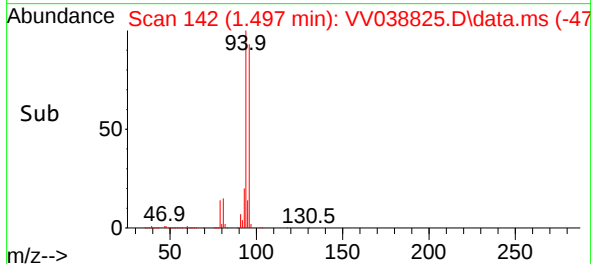
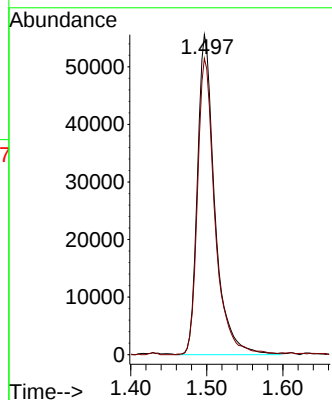
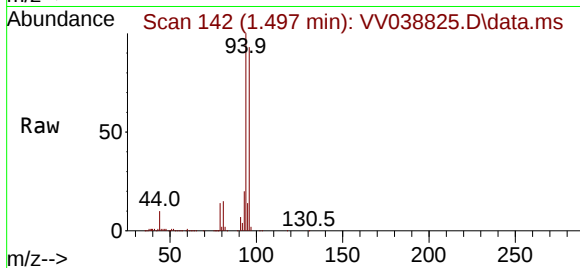
VSTDIC020

Tgt Ion: 94 Resp: 88043

Ion Ratio Lower Upper

94 100

96 92.3 72.9 109.3



#6

Chloroethane

Concen: 19.986 ug/l

RT: 1.561 min Scan# 162

Delta R.T. 0.003 min

Lab File: VV038825.D

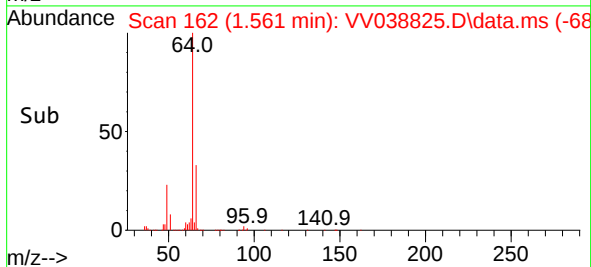
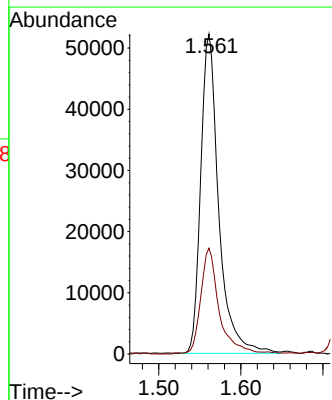
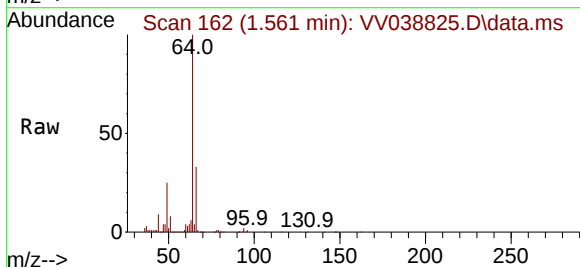
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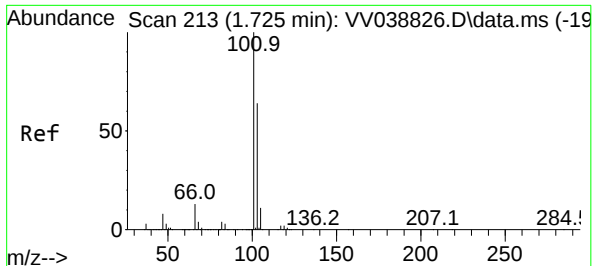
Tgt Ion: 64 Resp: 79331

Ion Ratio Lower Upper

64 100

66 32.9 26.3 39.5

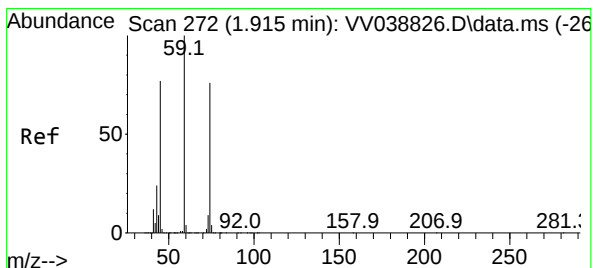
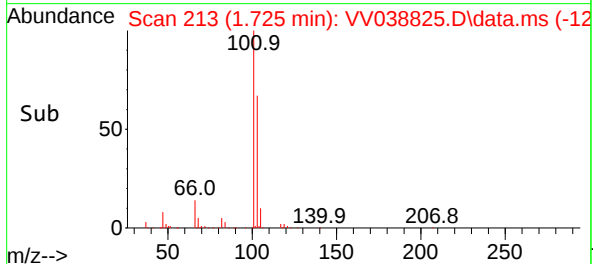
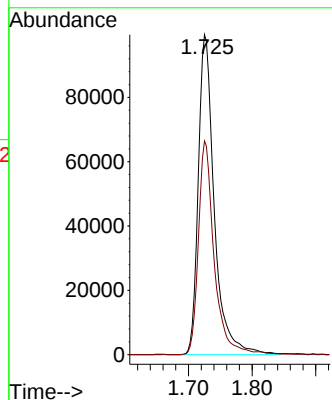
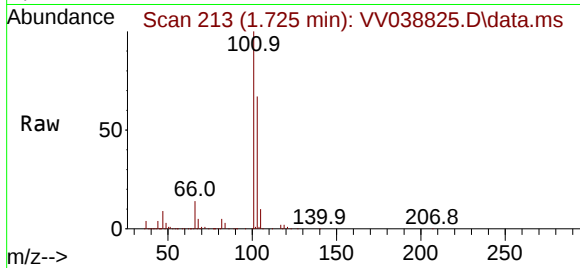




#7
 Trichlorofluoromethane
 Concen: 19.076 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV038825.D
 Acq: 27 Jun 2025 09:40

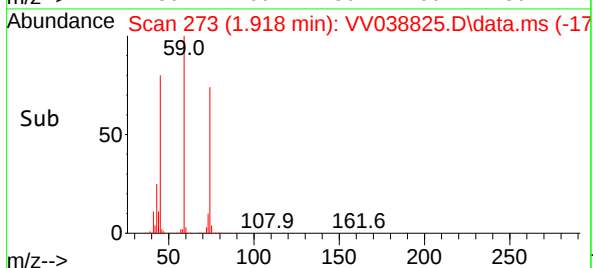
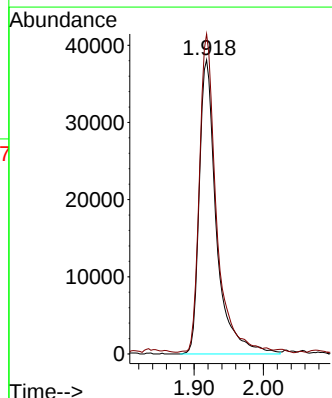
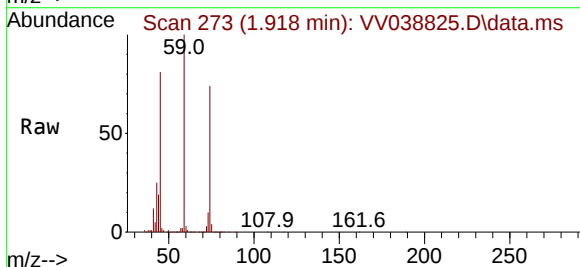
Instrument :
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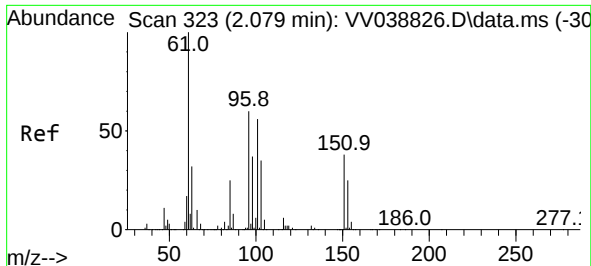
Tgt Ion:101 Resp: 174117
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.5 77.3



#8
 Diethyl Ether
 Concen: 18.883 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038825.D
 Acq: 27 Jun 2025 09:40

Tgt Ion: 74 Resp: 65850
 Ion Ratio Lower Upper
 74 100
 45 106.0 50.2 150.6

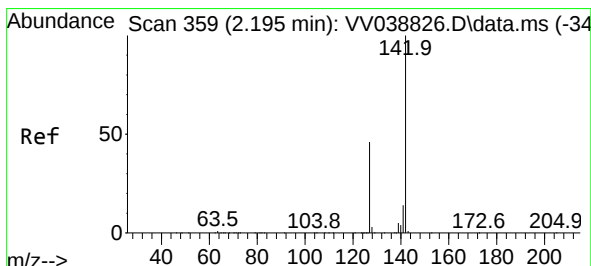
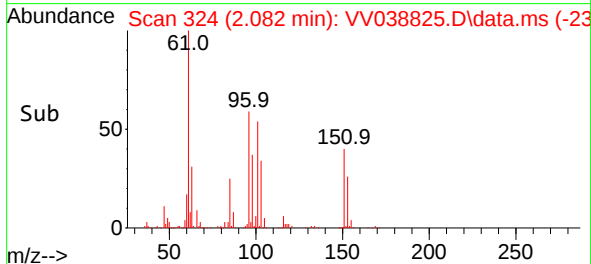
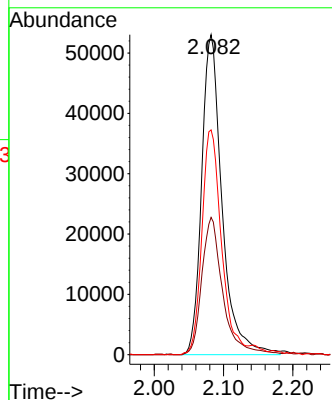
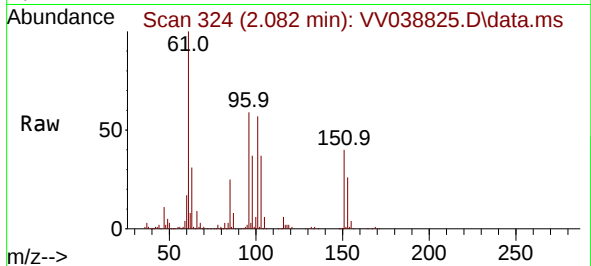




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.731 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

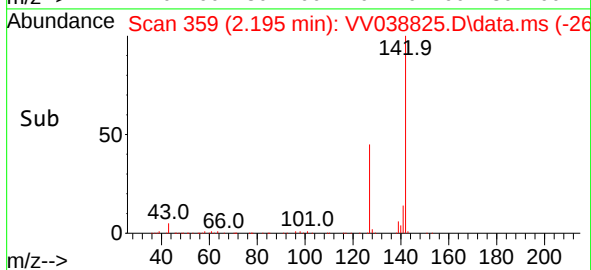
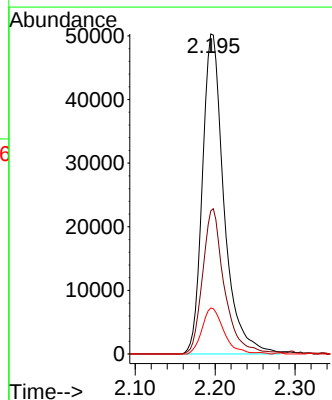
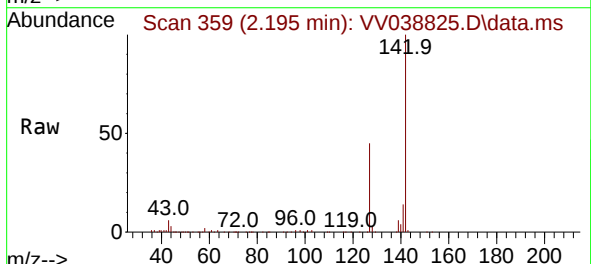
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

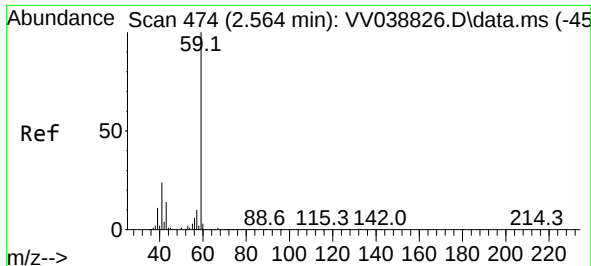
Tgt Ion:101 Resp: 108456
Ion Ratio Lower Upper
101 100
85 44.0 35.5 53.3
151 67.4 55.4 83.2



#10
Methyl Iodide
Concen: 18.669 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion:142 Resp: 94588
Ion Ratio Lower Upper
142 100
127 46.0 36.4 54.6
141 14.4 11.9 17.9

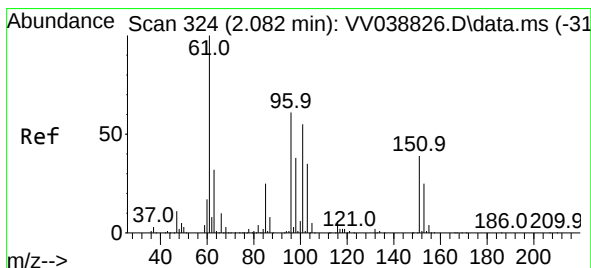
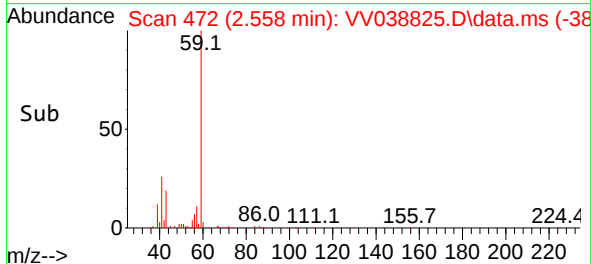
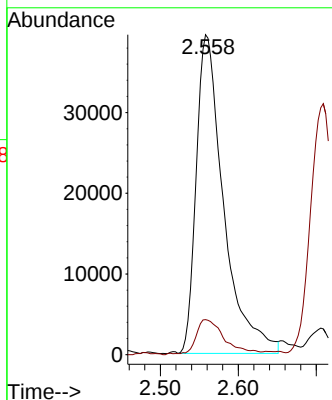
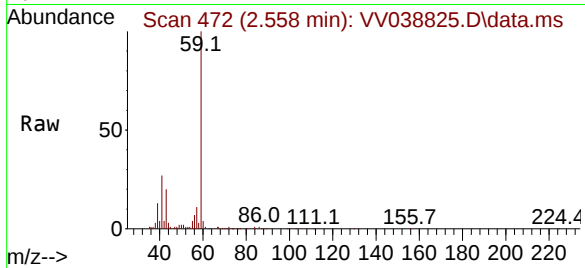




#11
Tert butyl alcohol
Concen: 94.095 ug/l
RT: 2.558 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

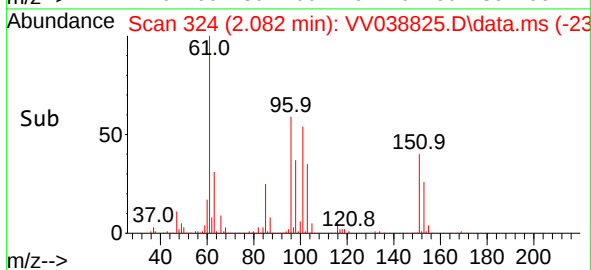
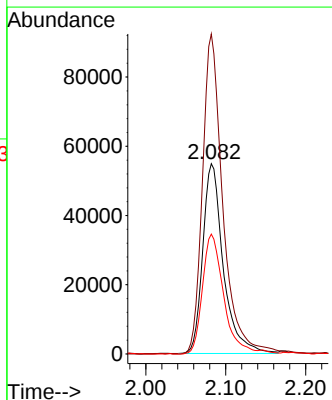
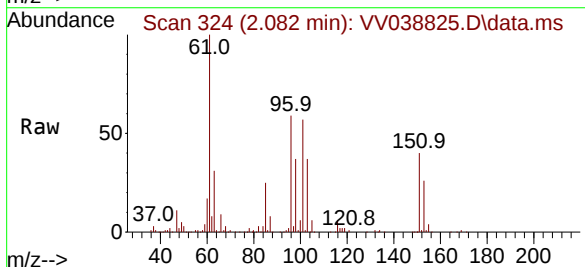
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

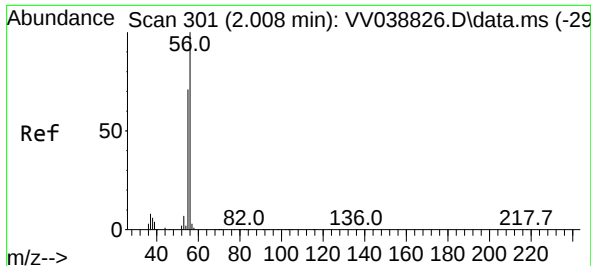
Tgt Ion: 59 Resp: 96554
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 20.000 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 96 Resp: 98136
Ion Ratio Lower Upper
96 100
61 168.7 131.5 197.3
98 63.2 50.0 75.0

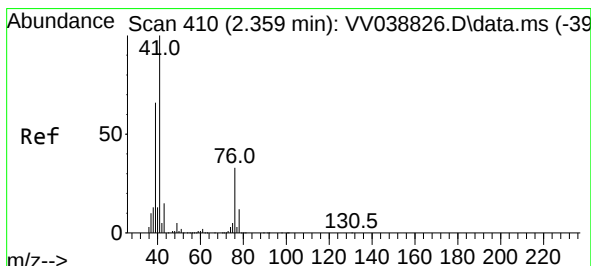
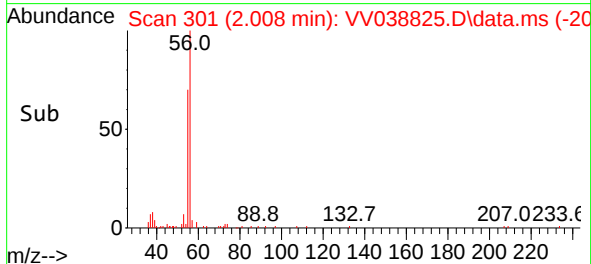
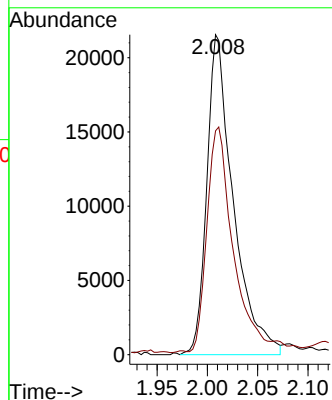
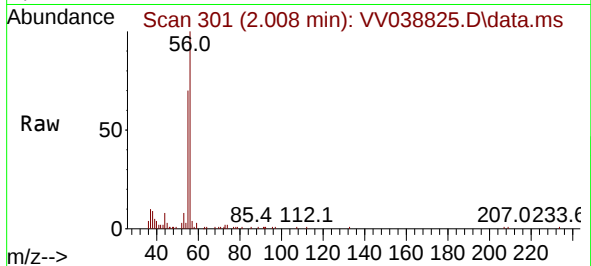




#13
Acrolein
Concen: 101.520 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

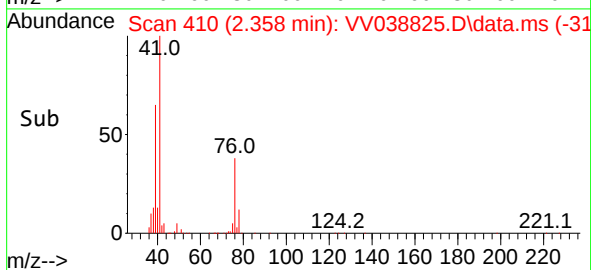
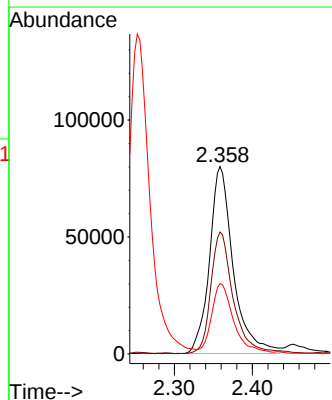
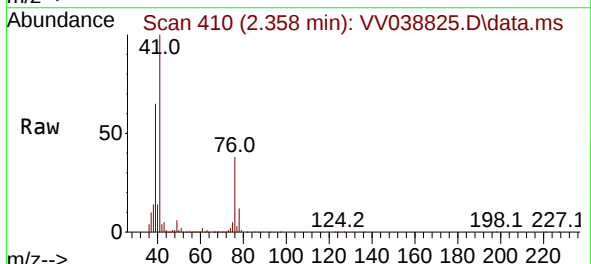
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

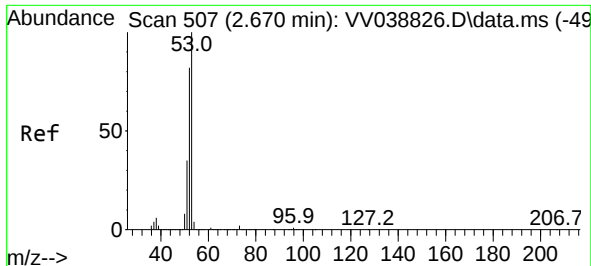
Tgt Ion: 56 Resp: 39337
Ion Ratio Lower Upper
56 100
55 68.6 56.0 84.0



#14
Allyl chloride
Concen: 19.017 ug/l
RT: 2.358 min Scan# 410
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 41 Resp: 169544
Ion Ratio Lower Upper
41 100
39 61.6 49.4 74.0
76 33.2 28.8 43.2

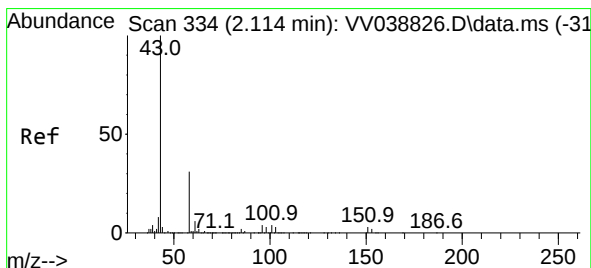
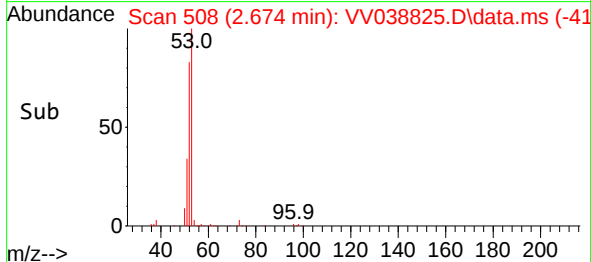
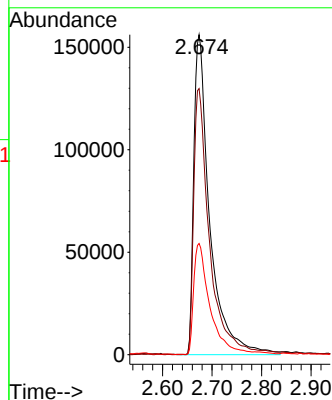
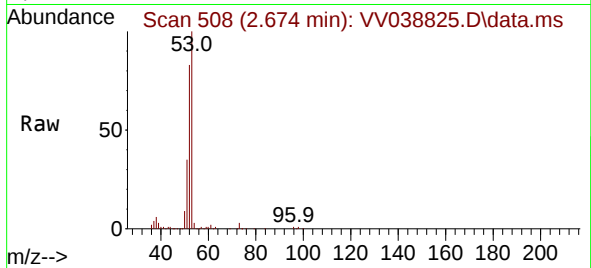




#15
Acrylonitrile
Concen: 100.746 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

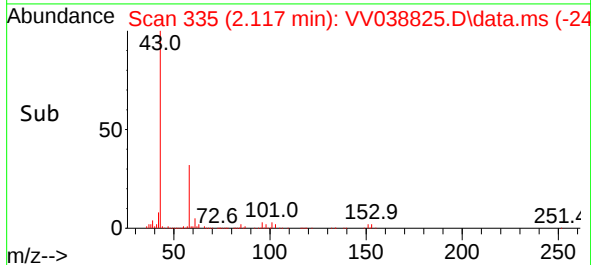
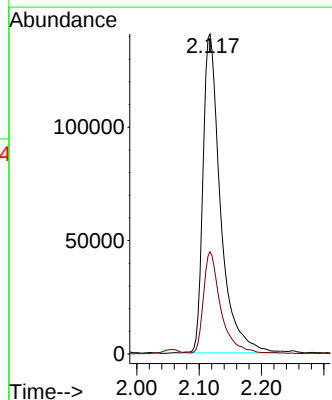
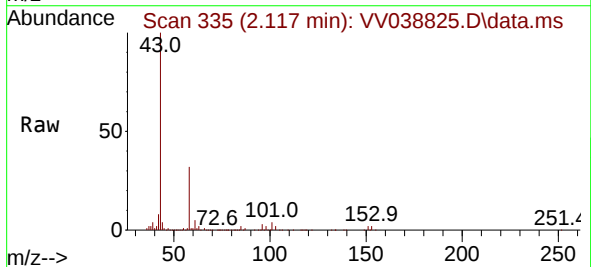
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

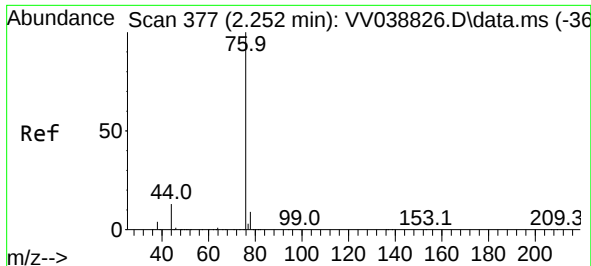
Tgt Ion: 53 Resp: 352019
Ion Ratio Lower Upper
53 100
52 81.0 65.5 98.3
51 35.4 28.3 42.5



#16
Acetone
Concen: 101.783 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 43 Resp: 275453
Ion Ratio Lower Upper
43 100
58 31.7 25.7 38.5

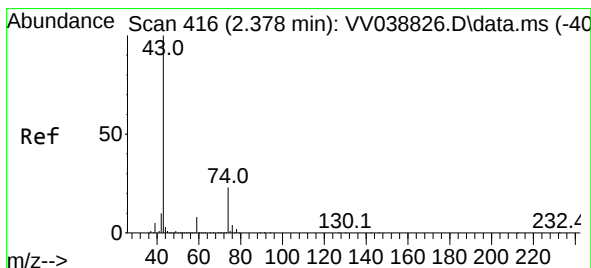
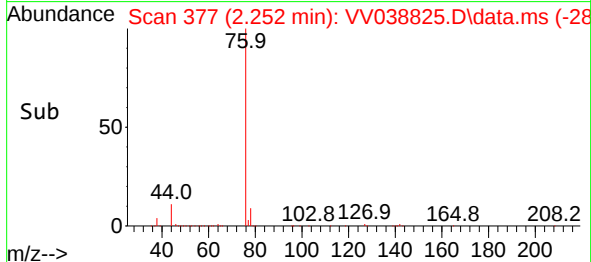
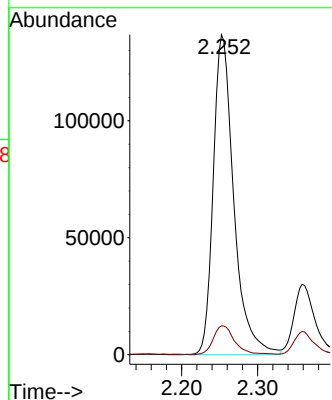
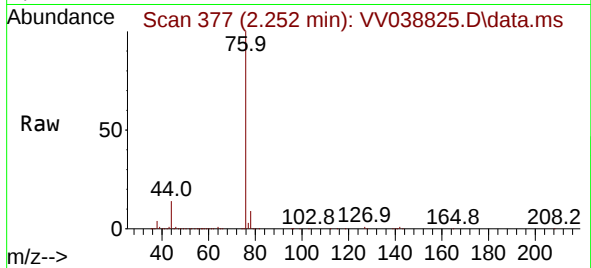




#17
Carbon Disulfide
Concen: 20.146 ug/l
RT: 2.252 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

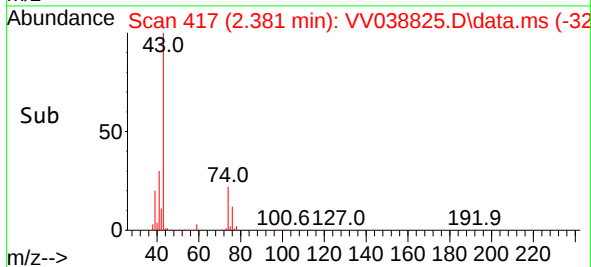
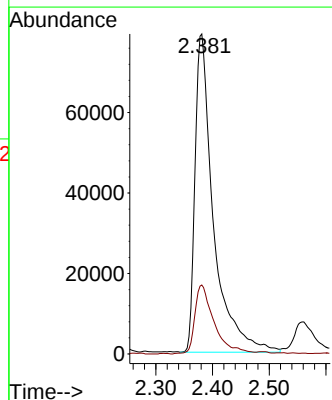
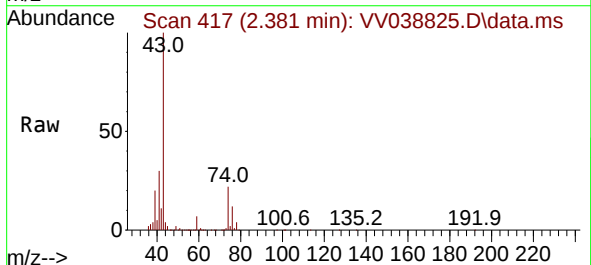
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

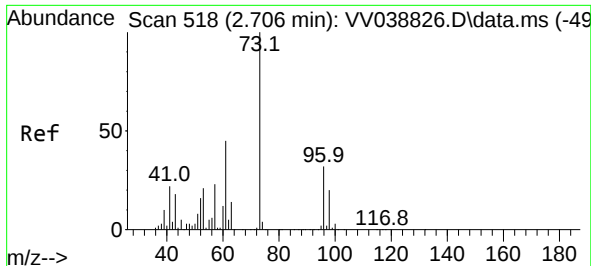
Tgt Ion: 76 Resp: 256442
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 20.631 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 43 Resp: 178894
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.2

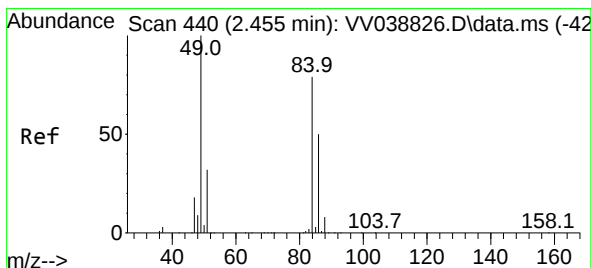
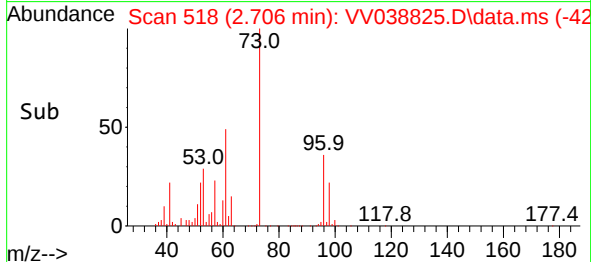
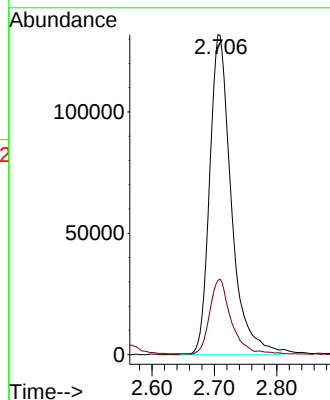
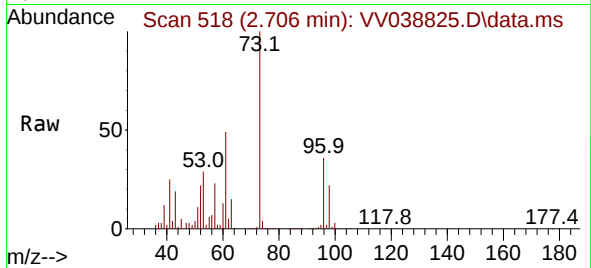




#19
Methyl tert-butyl Ether
Concen: 19.108 ug/l
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

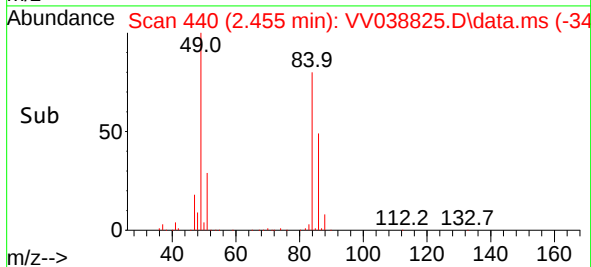
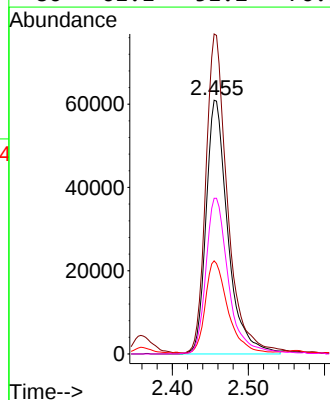
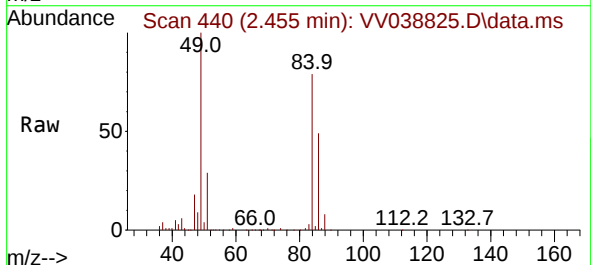
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

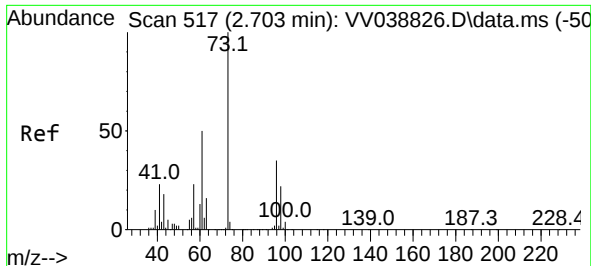
Tgt Ion: 73 Resp: 318372
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.4



#20
Methylene Chloride
Concen: 19.257 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 84 Resp: 121297
Ion Ratio Lower Upper
84 100
49 125.7 101.4 152.2
51 36.4 32.3 48.5
86 61.1 51.2 76.8

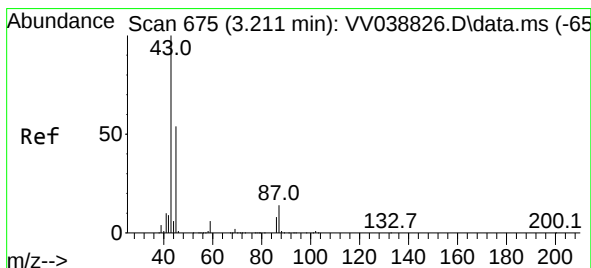
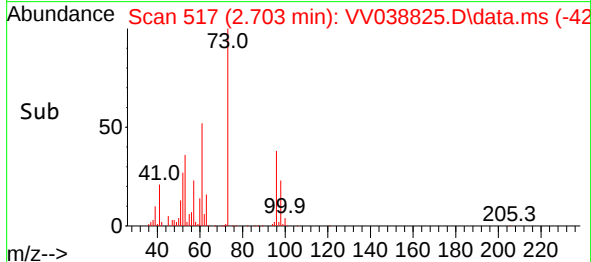
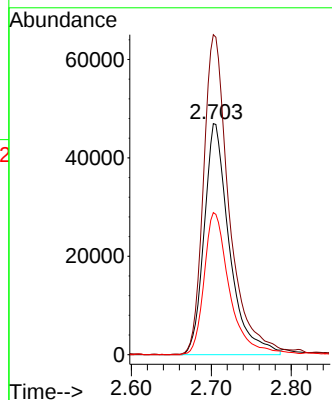
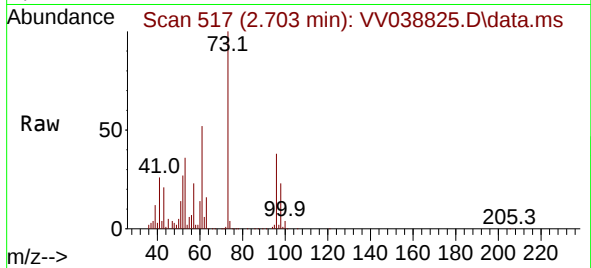




#21
trans-1,2-Dichloroethene
Concen: 18.814 ug/l
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

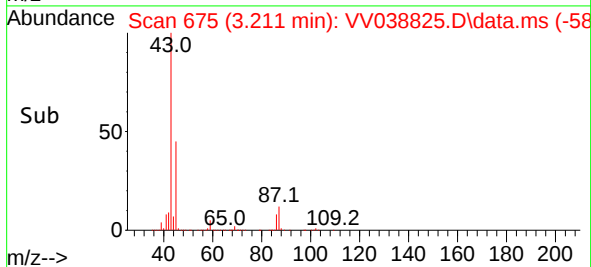
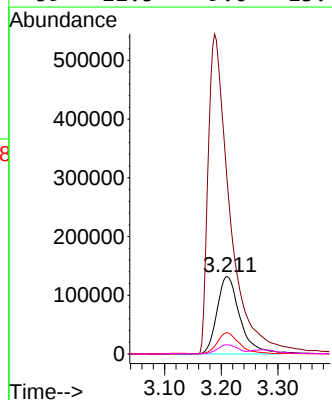
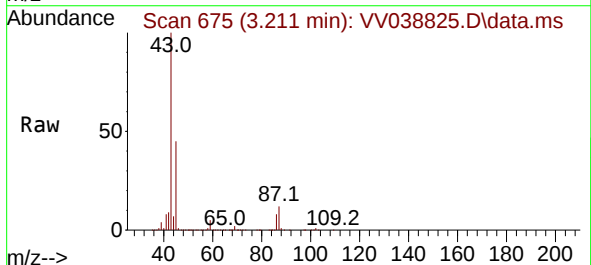
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

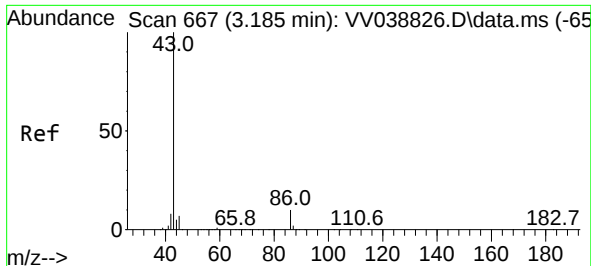
Tgt Ion: 96 Resp: 103086
Ion Ratio Lower Upper
96 100
61 138.3 112.6 169.0
98 61.5 49.6 74.4



#22
Diisopropyl ether
Concen: 20.460 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 45 Resp: 369141
Ion Ratio Lower Upper
45 100
43 221.5 148.7 223.1
87 27.1 21.0 31.4
59 11.5 9.0 13.4

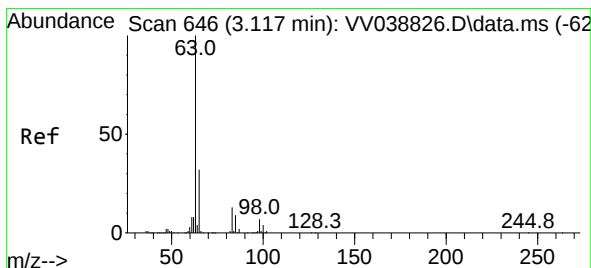
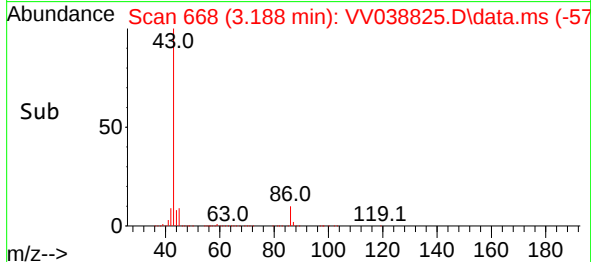
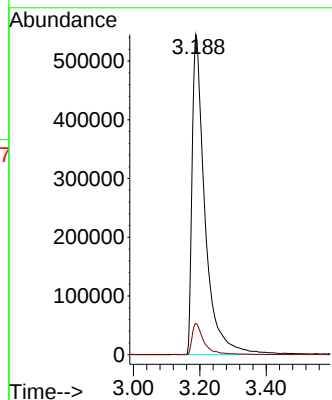
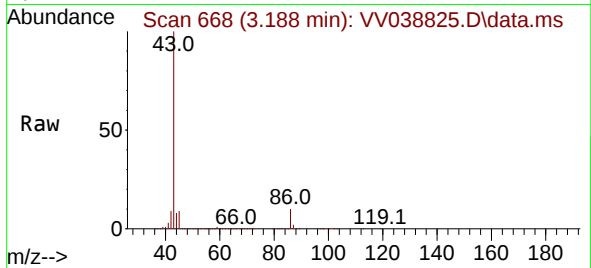




#23
 Vinyl Acetate
 Concen: 102.466 ug/l
 RT: 3.188 min Scan# 667
 Delta R.T. 0.003 min
 Lab File: VV038825.D
 Acq: 27 Jun 2025 09:40

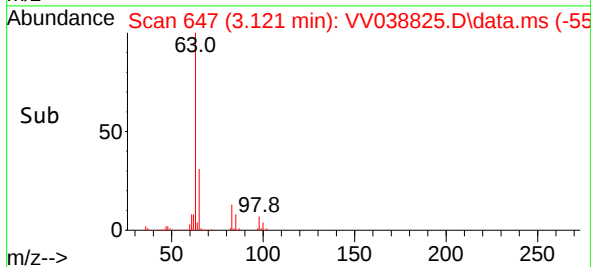
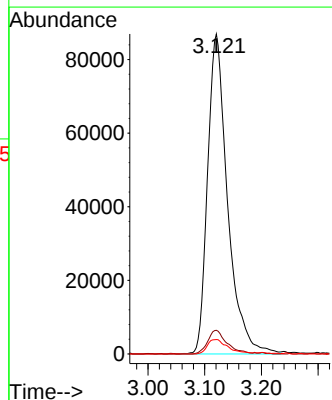
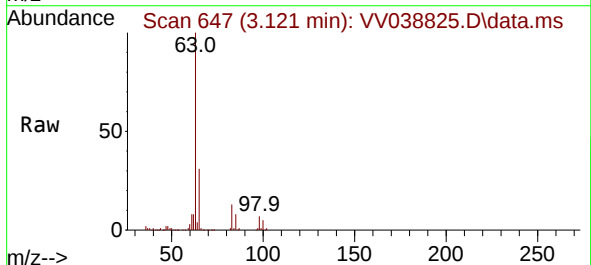
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

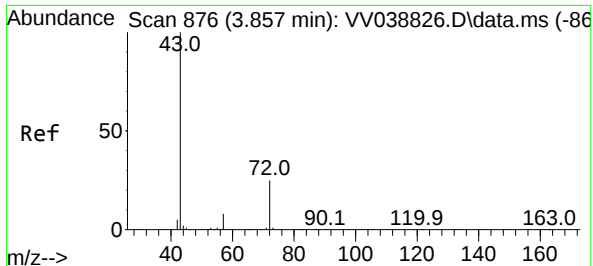
Tgt Ion: 43 Resp: 1468568
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.718 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038825.D
 Acq: 27 Jun 2025 09:40

Tgt Ion: 63 Resp: 213352
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.5 2.1 6.5

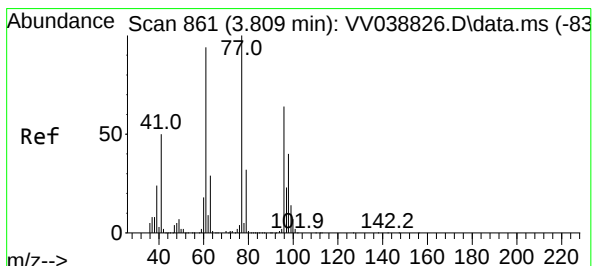
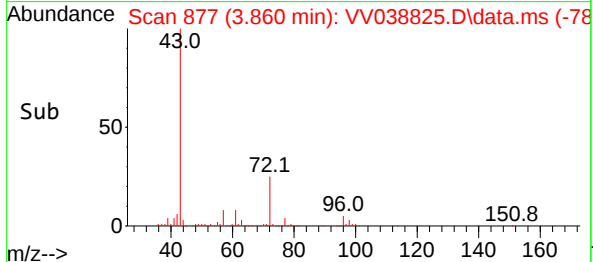
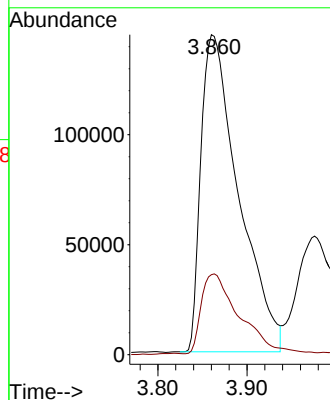
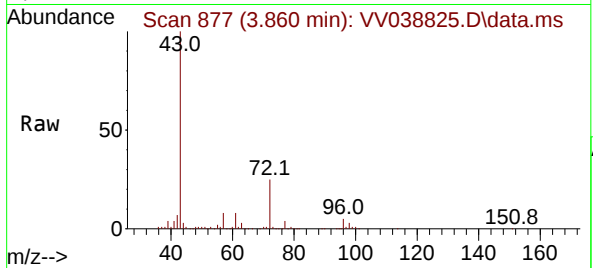




#25
2-Butanone
Concen: 104.739 ug/l
RT: 3.860 min Scan# 877
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

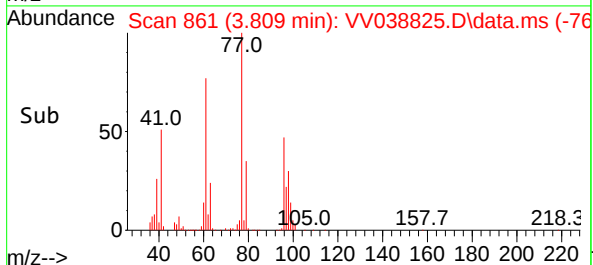
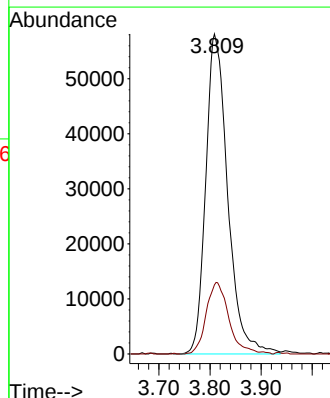
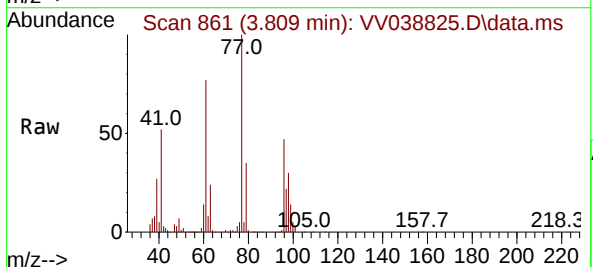
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

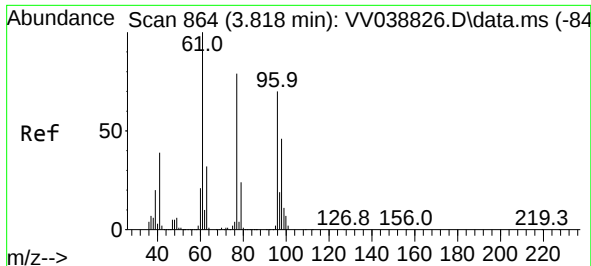
Tgt Ion: 43 Resp: 423958
Ion Ratio Lower Upper
43 100
72 24.9 20.2 30.4



#26
2,2-Dichloropropane
Concen: 19.050 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 77 Resp: 173606
Ion Ratio Lower Upper
77 100
97 22.9 11.1 33.1

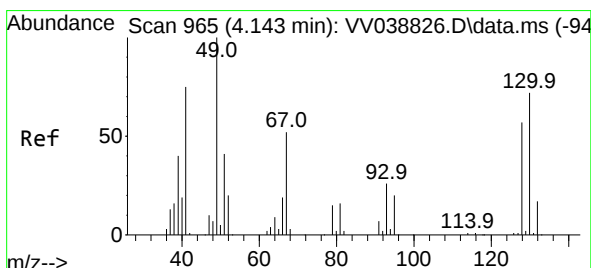
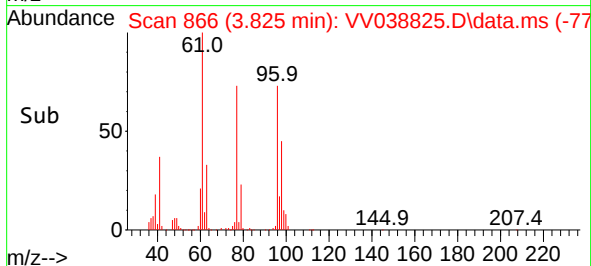
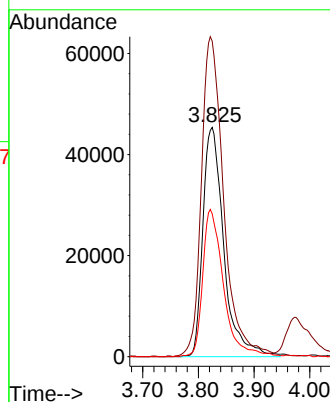
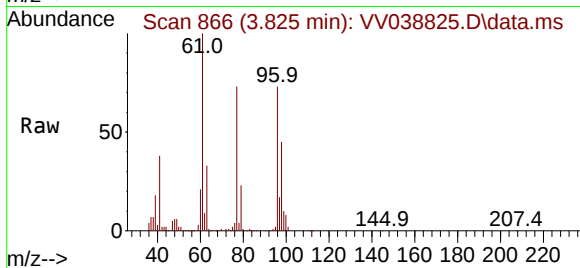




#27
 cis-1,2-Dichloroethene
 Concen: 18.677 ug/l
 RT: 3.825 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VV038825.D
 Acq: 27 Jun 2025 09:40

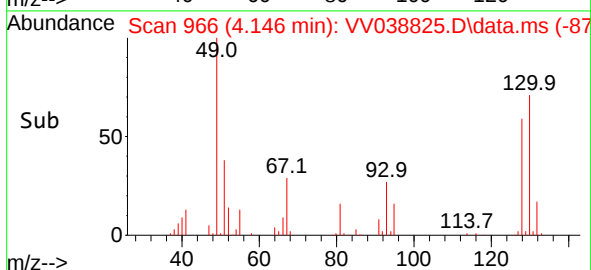
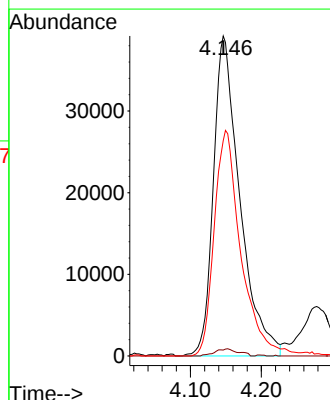
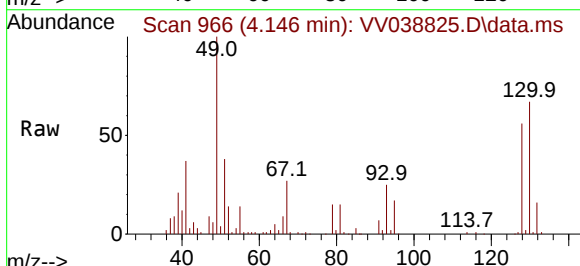
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

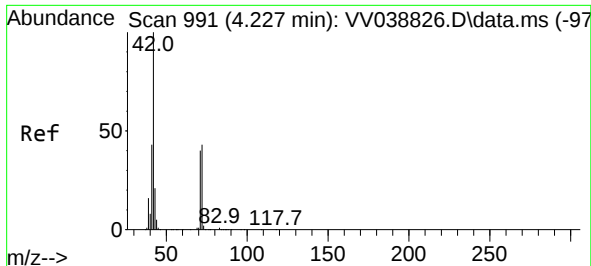
Tgt Ion: 96 Resp: 118618
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 292.4
 98 63.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 20.095 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV038825.D
 Acq: 27 Jun 2025 09:40

Tgt Ion: 49 Resp: 101479
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 71.1 58.8 88.2





#29

Tetrahydrofuran

Concen: 97.452 ug/l

RT: 4.230 min Scan# 991

Delta R.T. 0.003 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

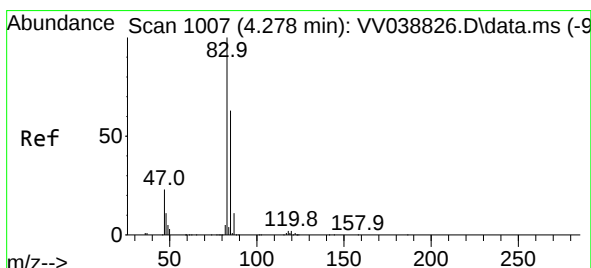
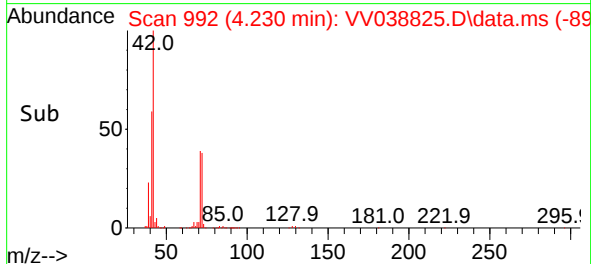
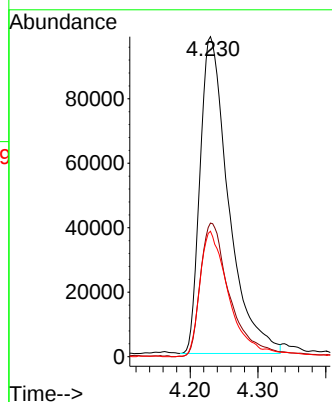
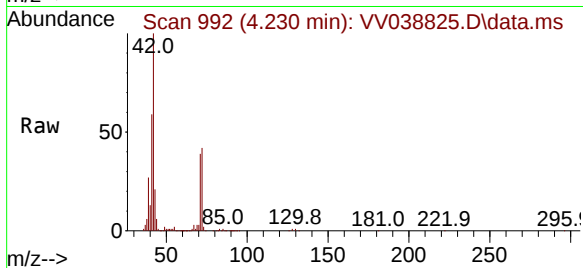
Tgt Ion: 42 Resp: 287143

Ion Ratio Lower Upper

42 100

72 44.7 34.8 52.2

71 41.7 32.6 49.0



#30

Chloroform

Concen: 19.406 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV038825.D

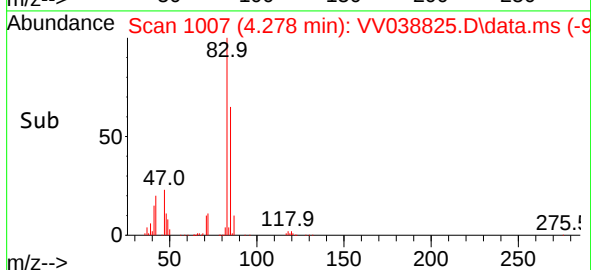
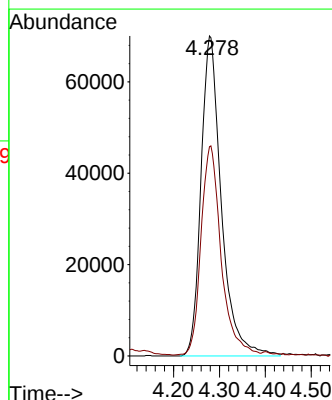
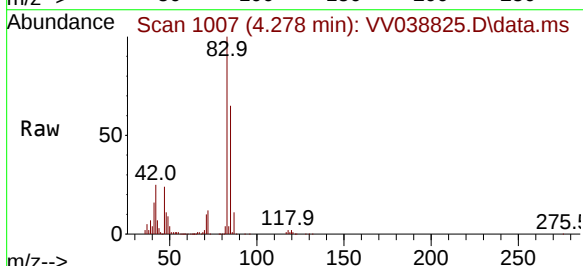
Acq: 27 Jun 2025 09:40

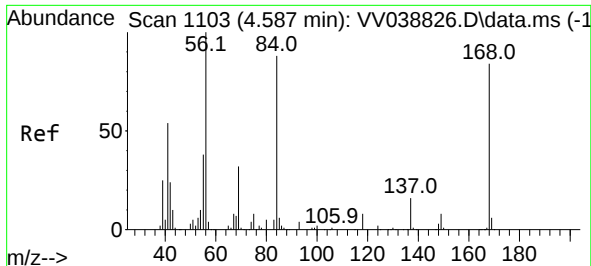
Tgt Ion: 83 Resp: 215763

Ion Ratio Lower Upper

83 100

85 64.9 50.6 76.0

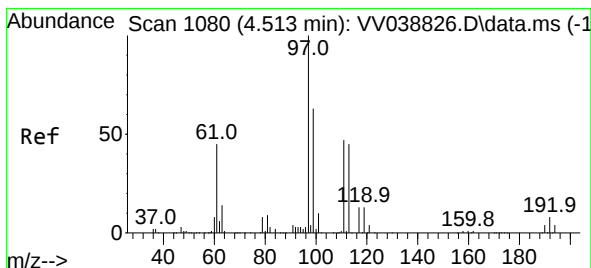
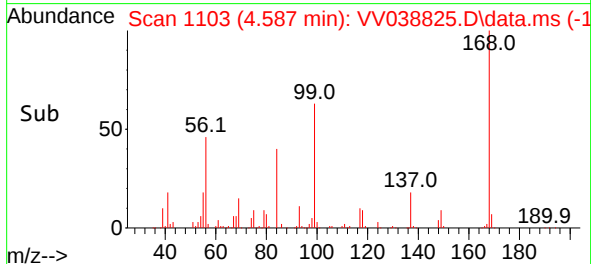
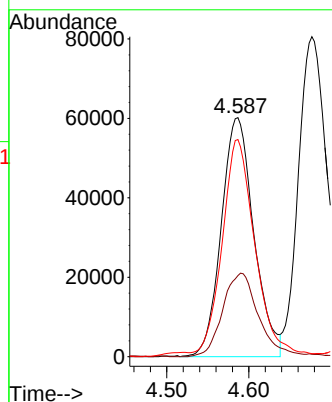
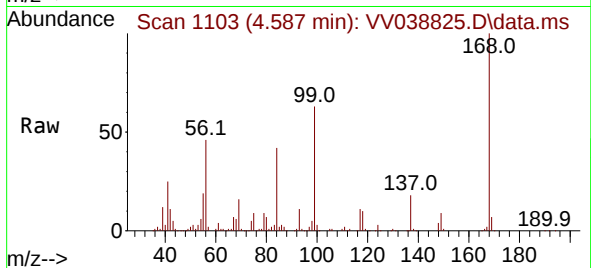




#31
Cyclohexane
Concen: 19.752 ug/l
RT: 4.587 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

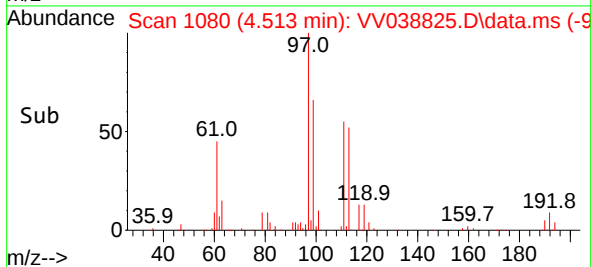
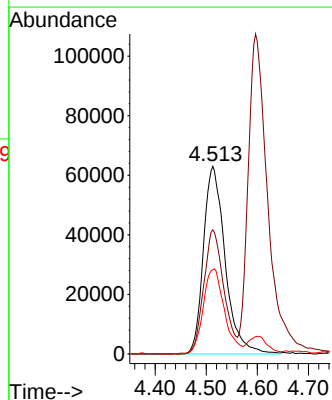
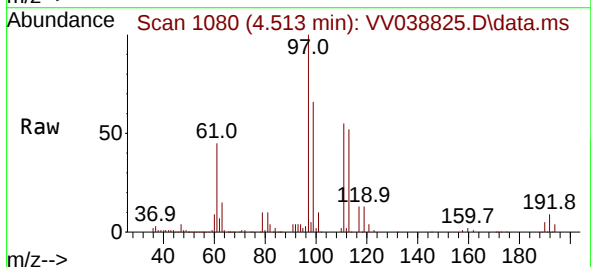
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

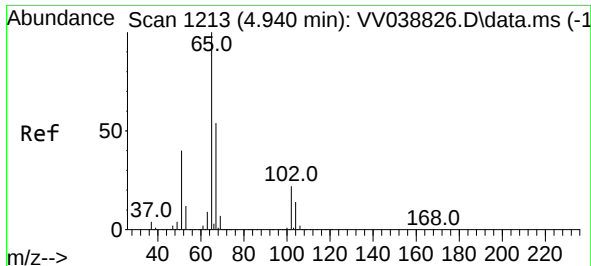
Tgt Ion: 56 Resp: 166168
Ion Ratio Lower Upper
56 100
69 34.1 25.4 38.0
84 89.4 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 19.461 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 97 Resp: 186018
Ion Ratio Lower Upper
97 100
99 60.9 48.9 73.3
61 43.4 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 20.094 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.003 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

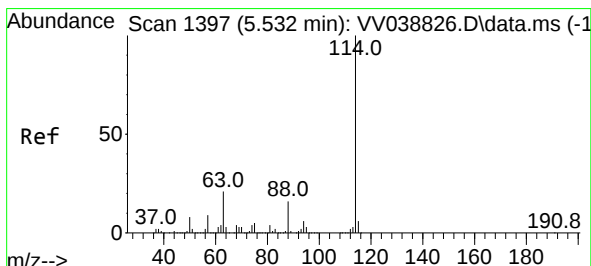
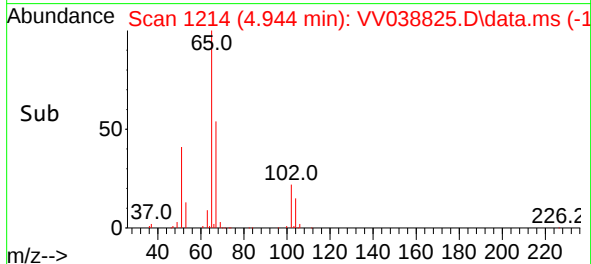
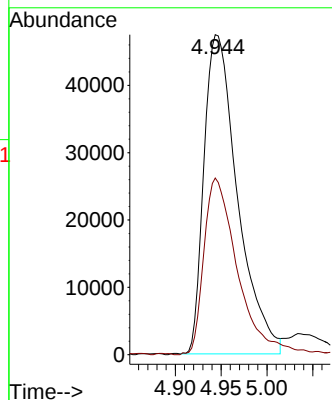
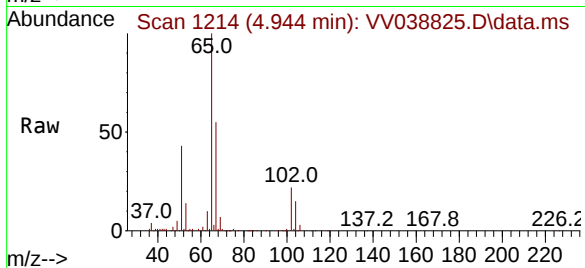
VSTDICC020

Tgt Ion: 65 Resp: 120917

Ion Ratio Lower Upper

65 100

67 55.5 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

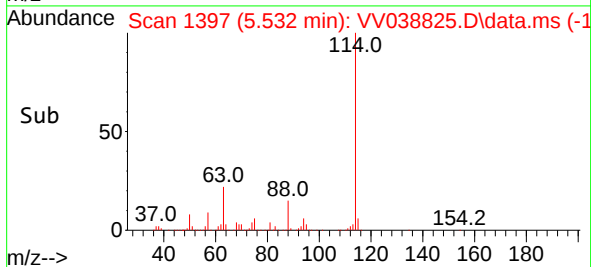
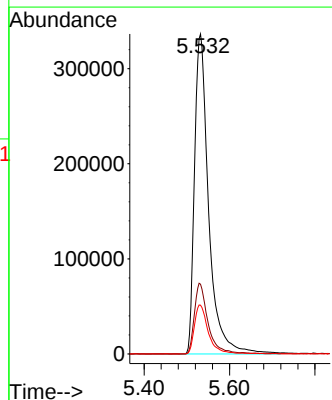
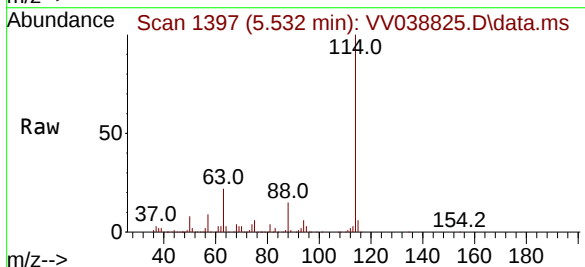
Tgt Ion: 114 Resp: 774711

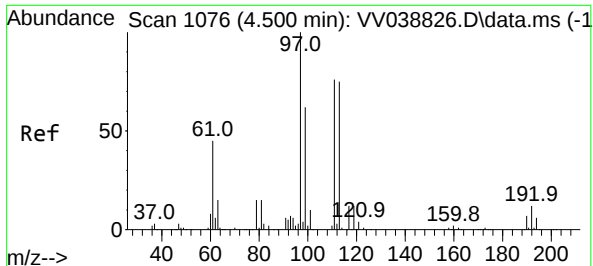
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.6

88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 20.746 ug/l

RT: 4.503 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

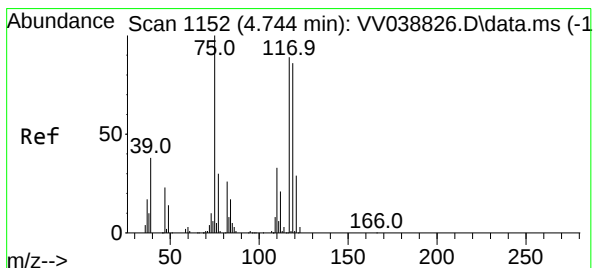
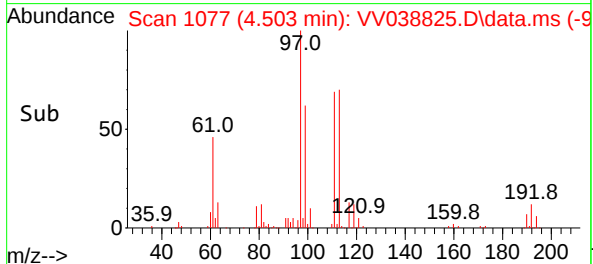
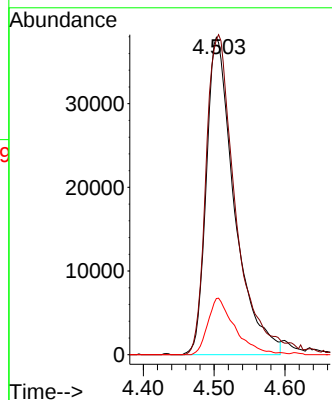
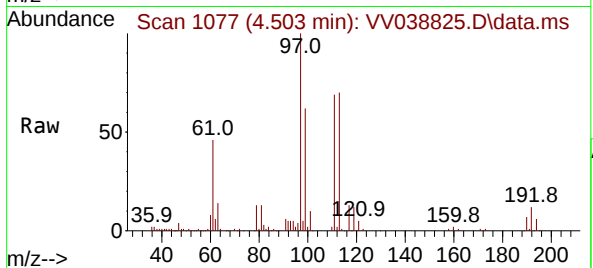
Tgt Ion:113 Resp: 104278

Ion Ratio Lower Upper

113 100

111 106.8 83.0 124.4

192 17.1 13.7 20.5



#36

1,1-Dichloropropene

Concen: 18.175 ug/l

RT: 4.747 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

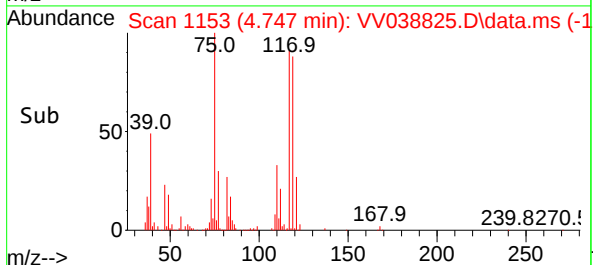
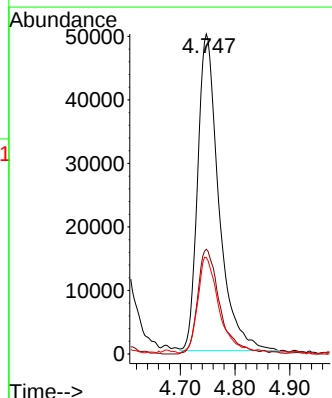
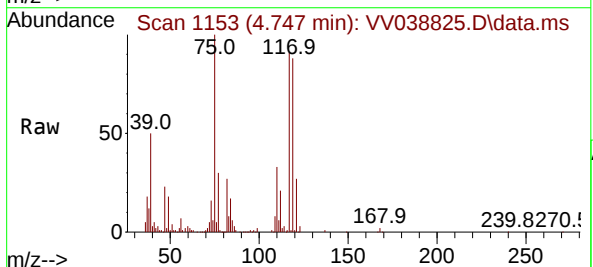
Tgt Ion: 75 Resp: 133840

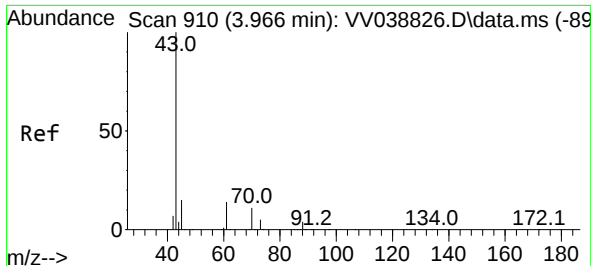
Ion Ratio Lower Upper

75 100

110 34.7 17.4 52.3

77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 17.102 ug/l

RT: 3.976 min Scan# 910

Delta R.T. 0.010 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

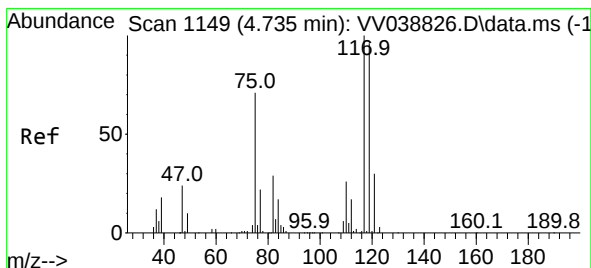
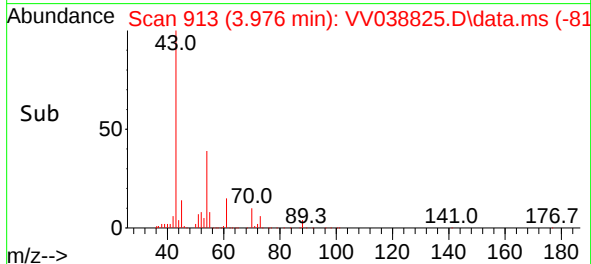
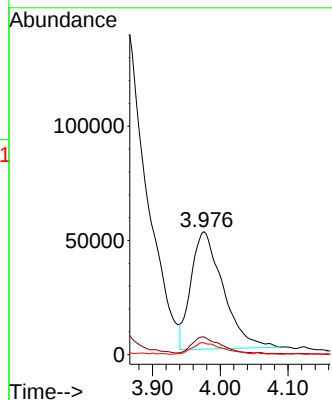
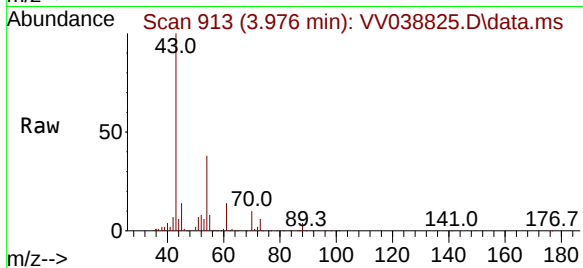
MSVOA_V

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 169044

Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.9	14.9
70	9.1	7.1	10.7



#38

Carbon Tetrachloride

Concen: 19.947 ug/l

RT: 4.735 min Scan# 1149

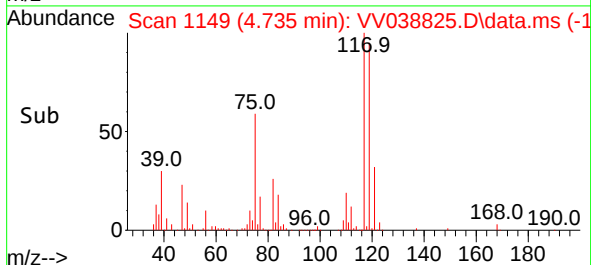
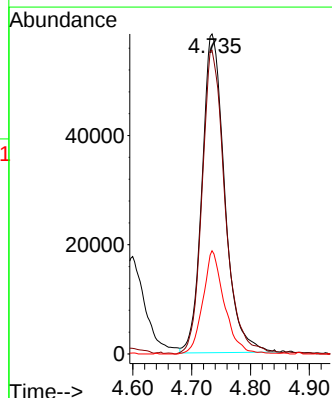
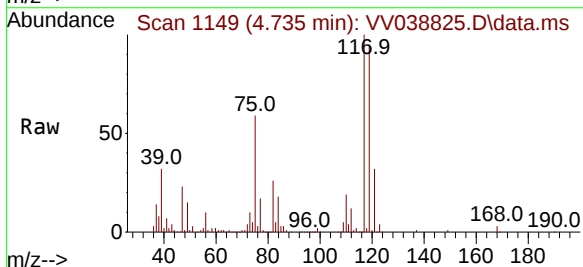
Delta R.T. -0.000 min

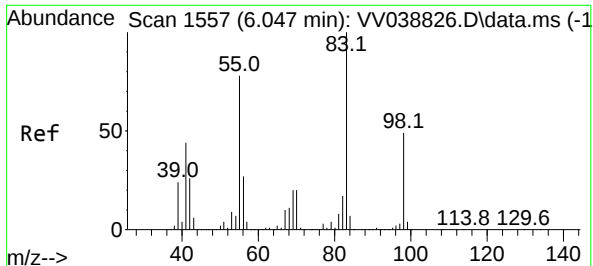
Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Tgt Ion: 117 Resp: 156345

Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.4	114.6
121	32.3	24.0	36.0





#39

Methylcyclohexane

Concen: 17.880 ug/l

RT: 6.046 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

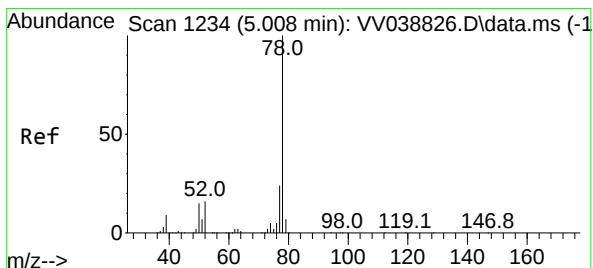
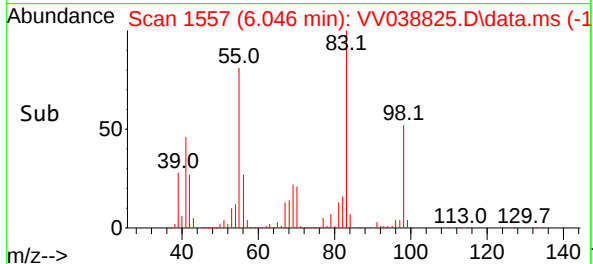
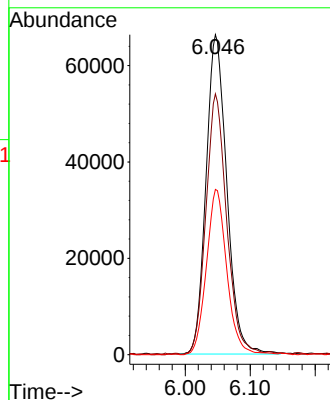
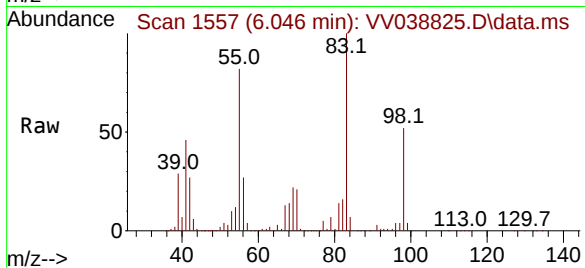
Tgt Ion: 83 Resp: 147742

Ion Ratio Lower Upper

83 100

55 81.5 62.4 93.6

98 51.7 39.1 58.7



#40

Benzene

Concen: 19.727 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV038825.D

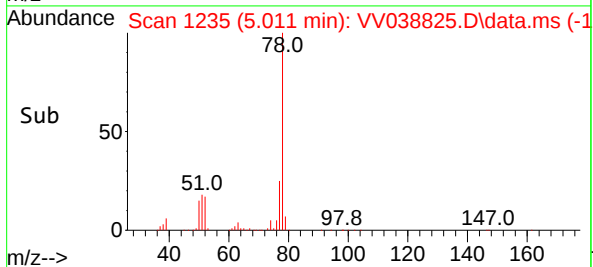
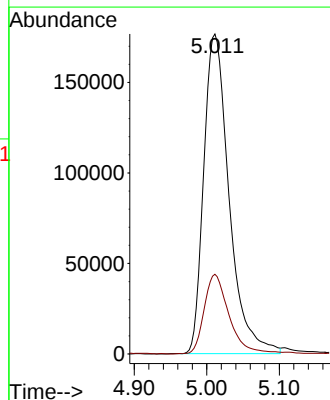
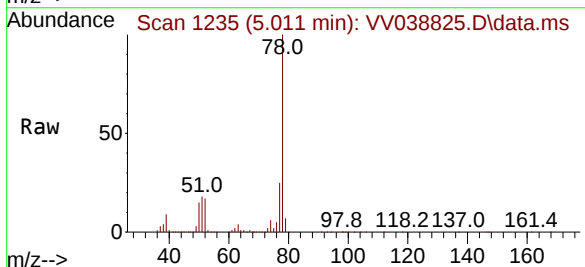
Acq: 27 Jun 2025 09:40

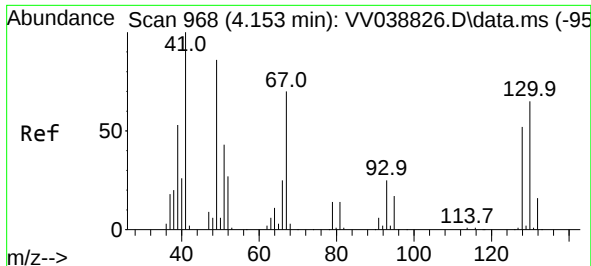
Tgt Ion: 78 Resp: 429796

Ion Ratio Lower Upper

78 100

77 24.8 19.3 28.9

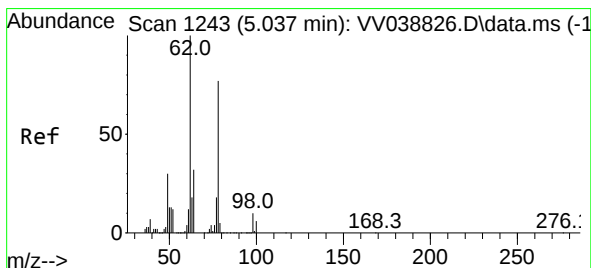
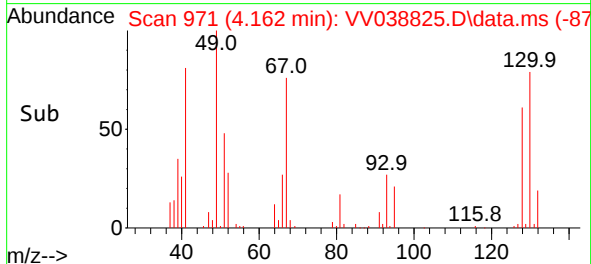
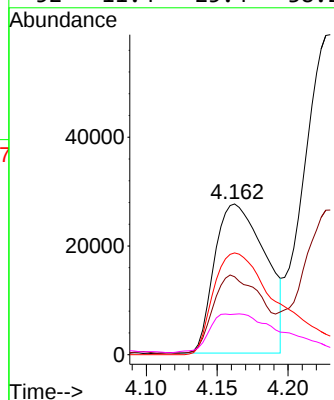
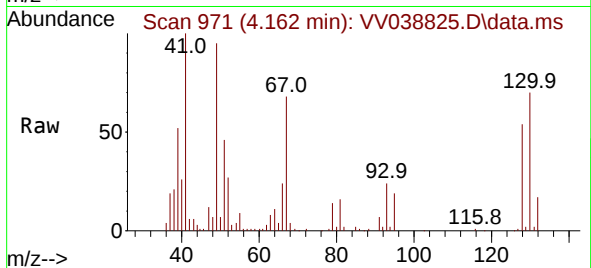




#41
Methacrylonitrile
Concen: 17.957 ug/l
RT: 4.162 min Scan# 91
Delta R.T. 0.009 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

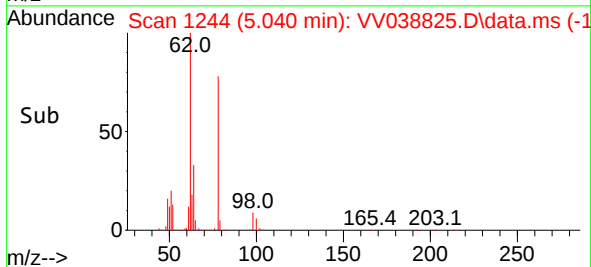
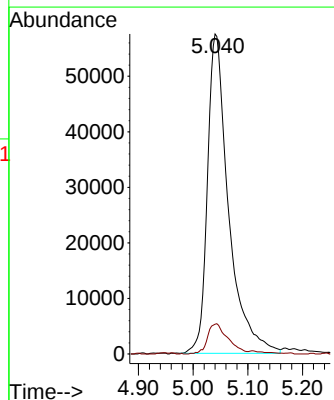
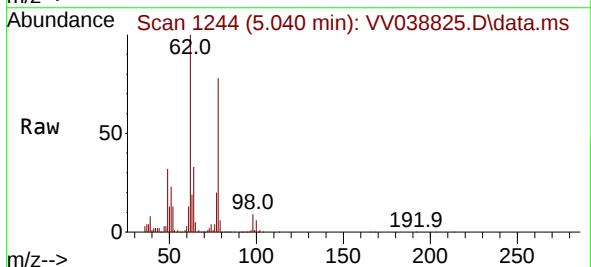
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

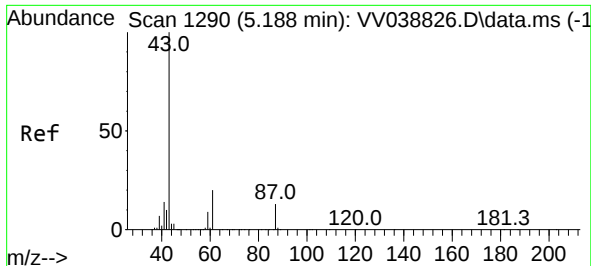
Tgt Ion: 41 Resp: 68633
Ion Ratio Lower Upper
41 100
39 50.1 42.2 63.2
67 91.8 68.2 102.4
52 11.4 25.4 38.2#



#42
1,2-Dichloroethane
Concen: 19.619 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 62 Resp: 154177
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.8

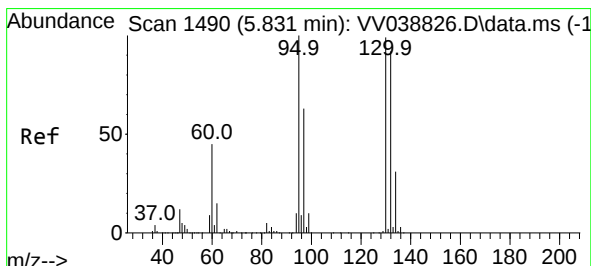
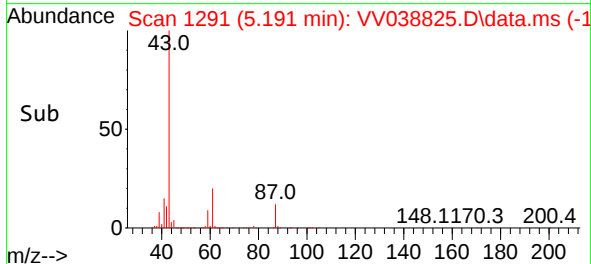
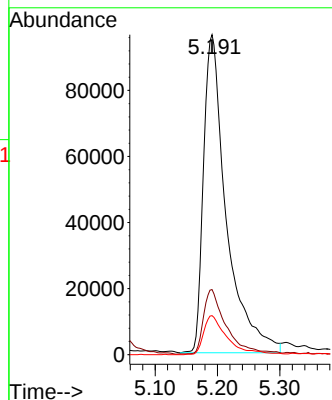
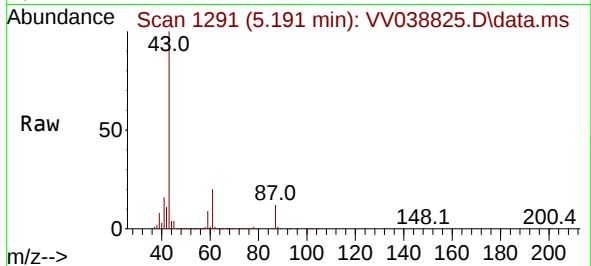




#43
Isopropyl Acetate
Concen: 20.427 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

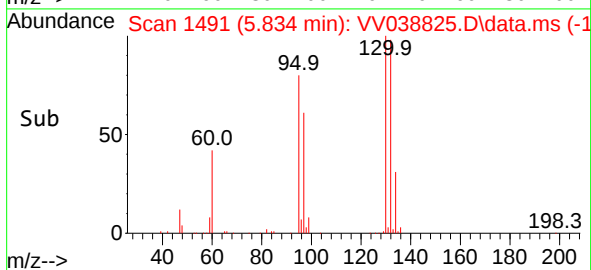
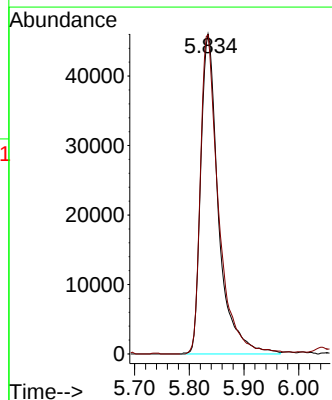
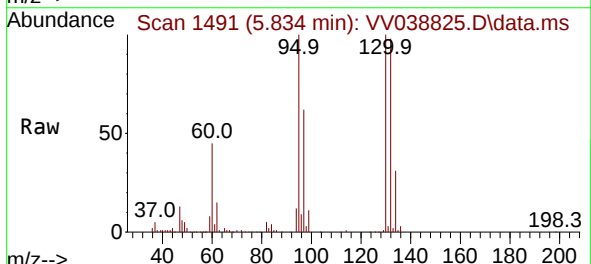
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

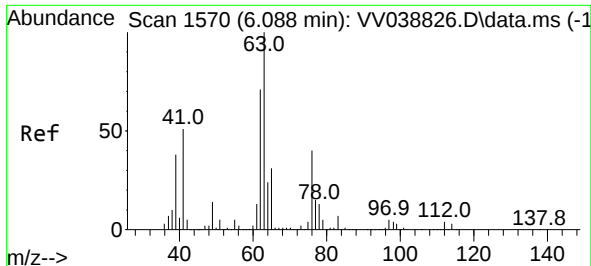
Tgt Ion: 43 Resp: 245440
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.2
87 12.7 10.1 15.1



#44
Trichloroethene
Concen: 19.826 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 130 Resp: 103665
Ion Ratio Lower Upper
130 100
95 99.7 0.0 201.6





#45

1,2-Dichloropropane

Concen: 20.765 ug/l

RT: 6.088 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

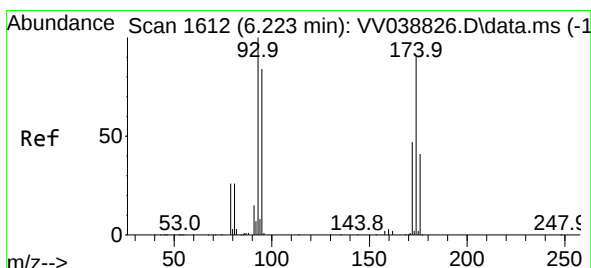
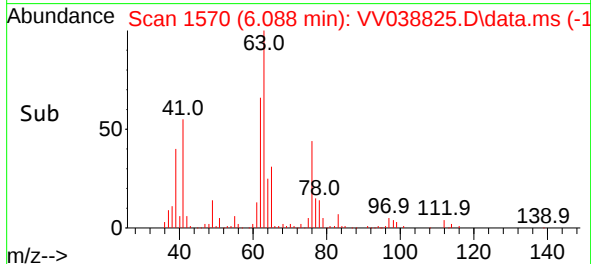
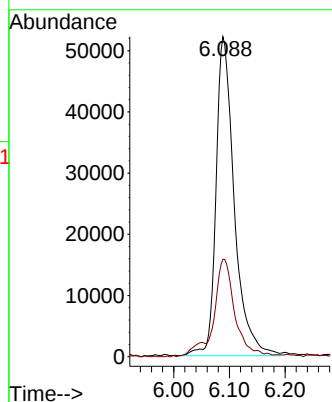
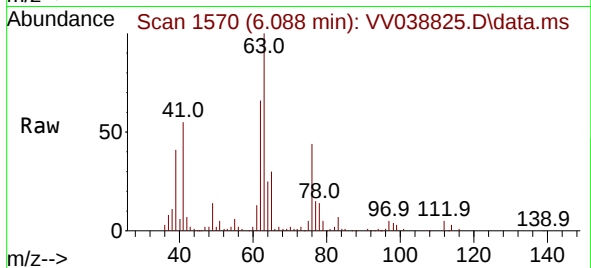
VSTDICC020

Tgt Ion: 63 Resp: 118943

Ion Ratio Lower Upper

63 100

65 30.2 24.3 36.5



#46

Dibromomethane

Concen: 20.120 ug/l

RT: 6.226 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

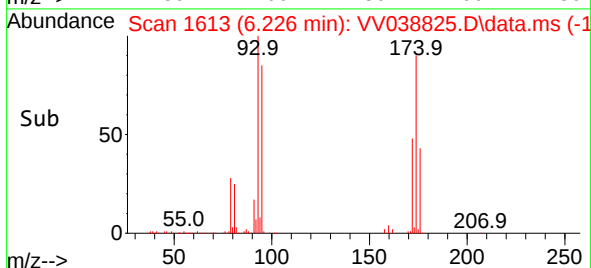
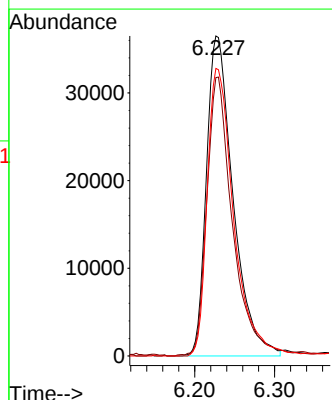
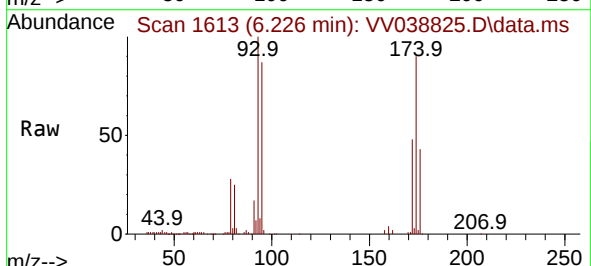
Tgt Ion: 93 Resp: 84538

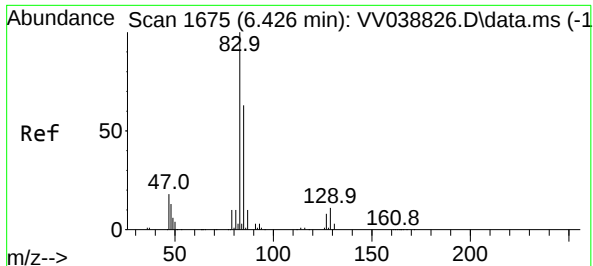
Ion Ratio Lower Upper

93 100

95 84.2 66.9 100.3

174 89.6 71.4 107.0





#47

Bromodichloromethane

Concen: 19.826 ug/l

RT: 6.426 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

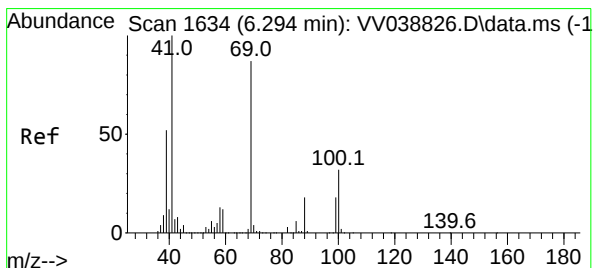
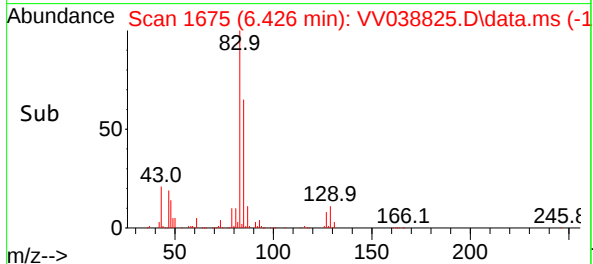
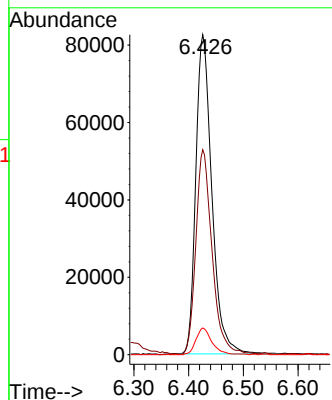
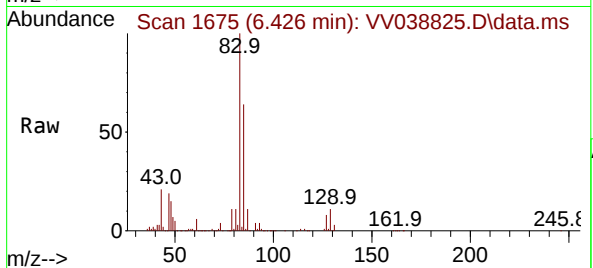
Tgt Ion: 83 Resp: 168236

Ion Ratio Lower Upper

83 100

85 64.0 50.7 76.1

127 8.4 6.2 9.2



#48

Methyl methacrylate

Concen: 19.144 ug/l

RT: 6.297 min Scan# 1635

Delta R.T. 0.003 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

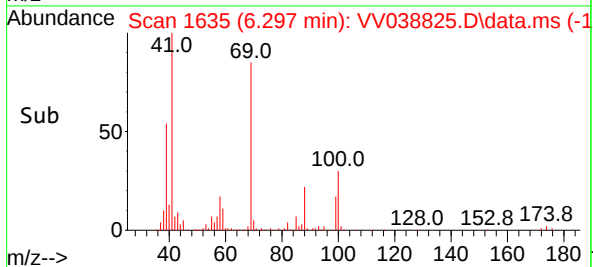
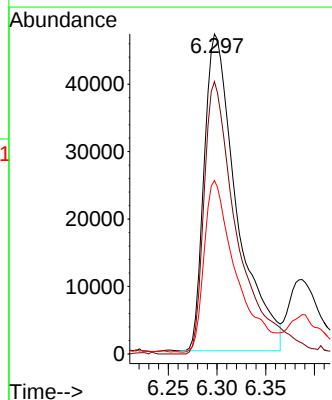
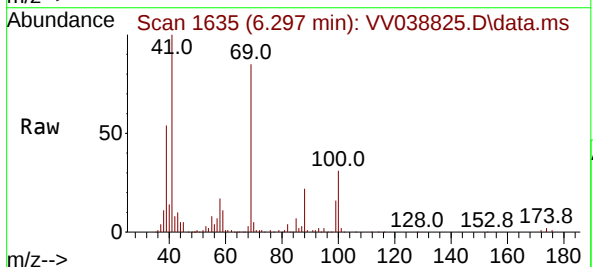
Tgt Ion: 41 Resp: 109021

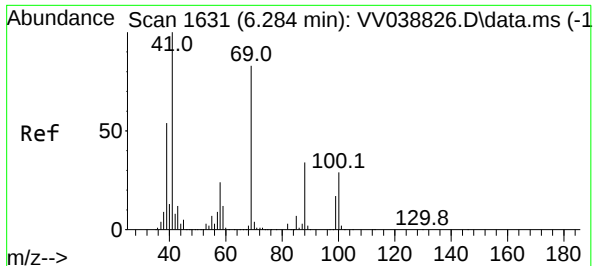
Ion Ratio Lower Upper

41 100

69 88.9 70.4 105.6

39 53.3 42.3 63.5





#49

1,4-Dioxane

Concen: 308.025 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

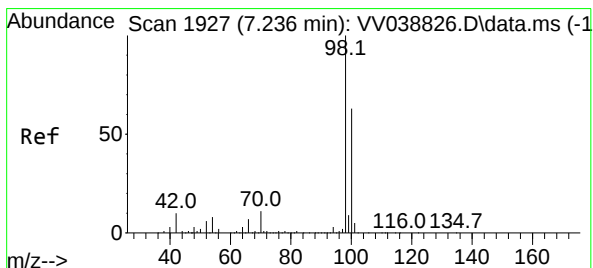
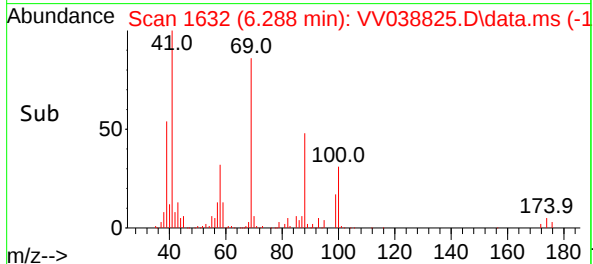
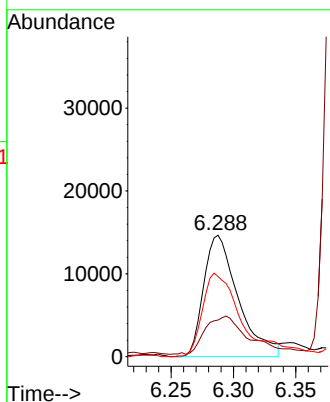
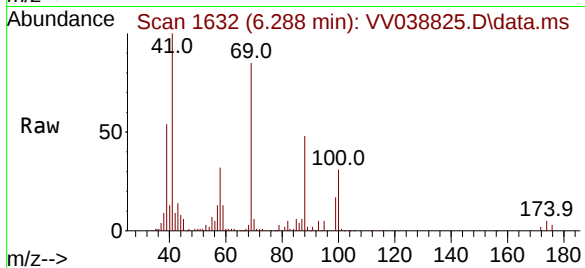
Tgt Ion: 88 Resp: 28237

Ion Ratio Lower Upper

88 100

43 40.6 30.4 45.6

58 80.7 59.6 89.4



#50

Toluene-d8

Concen: 20.475 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV038825.D

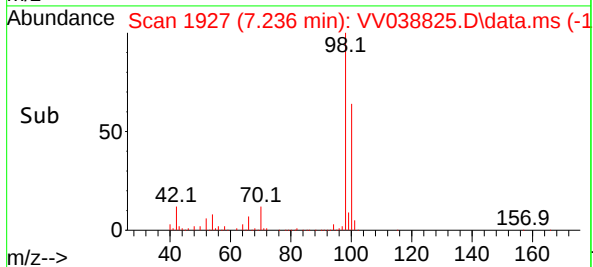
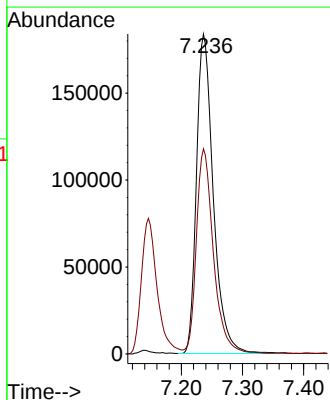
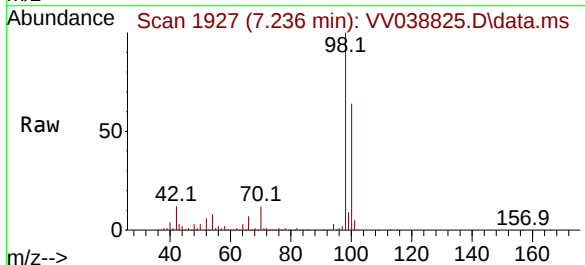
Acq: 27 Jun 2025 09:40

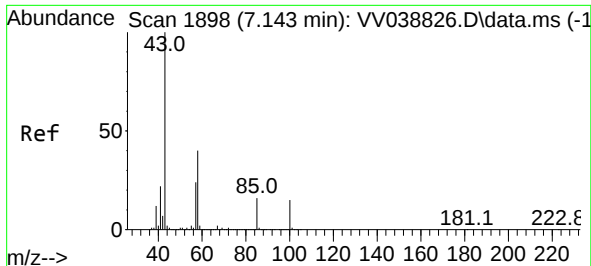
Tgt Ion: 98 Resp: 351635

Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 109.419 ug/l

RT: 7.146 min Scan# 1898

Delta R.T. 0.003 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

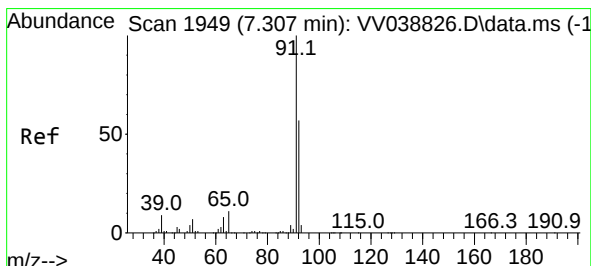
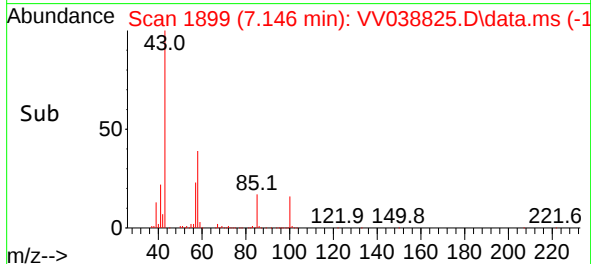
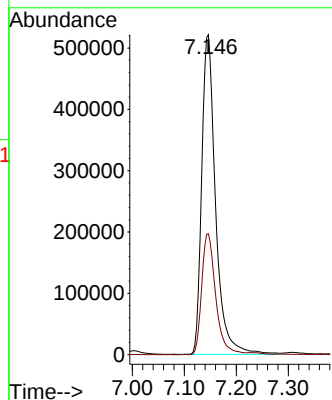
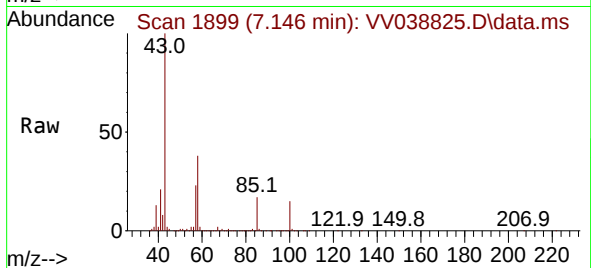
VSTDIC020

Tgt Ion: 43 Resp: 967968

Ion Ratio Lower Upper

43 100

58 38.0 31.4 47.2



#52

Toluene

Concen: 20.241 ug/l

RT: 7.310 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV038825.D

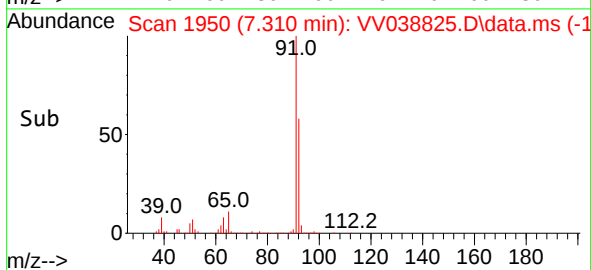
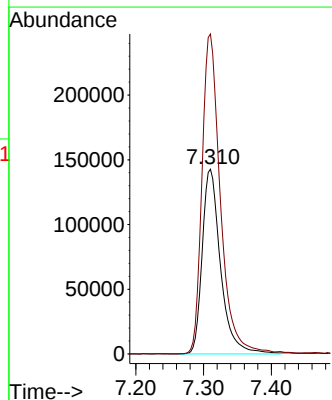
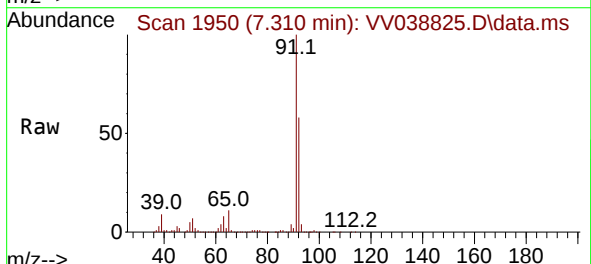
Acq: 27 Jun 2025 09:40

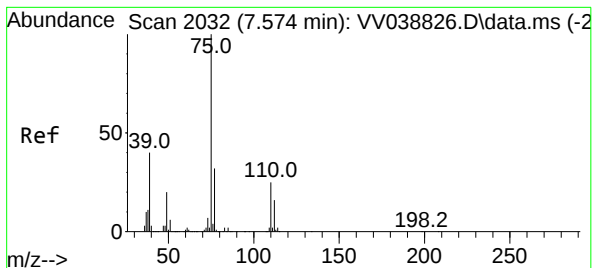
Tgt Ion: 92 Resp: 268827

Ion Ratio Lower Upper

92 100

91 173.3 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 20.085 ug/l

RT: 7.577 min Scan# 2032

Delta R.T. 0.003 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

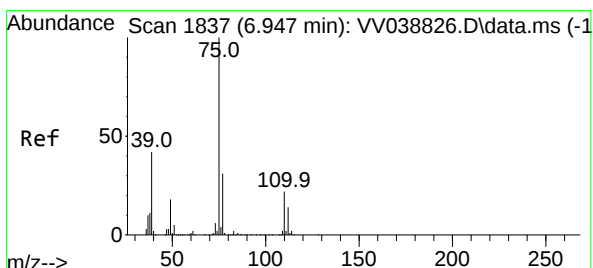
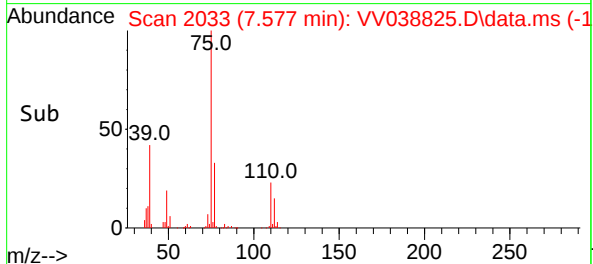
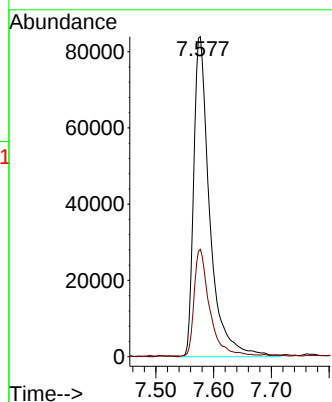
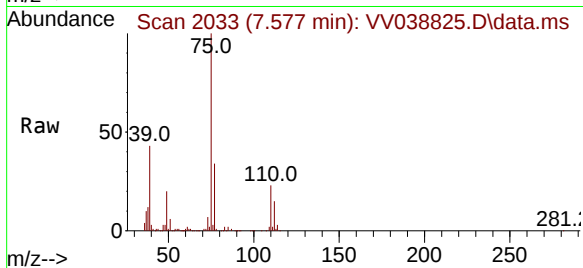
VSTDIC020

Tgt Ion: 75 Resp: 162484

Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.989 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

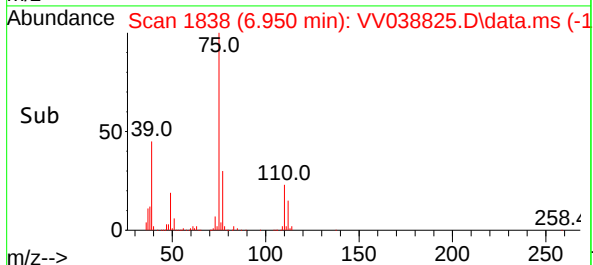
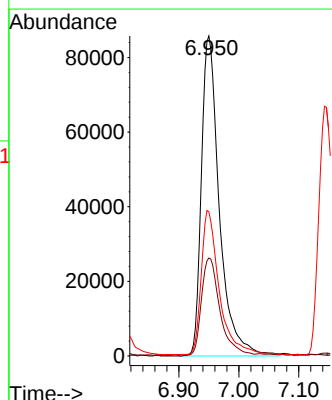
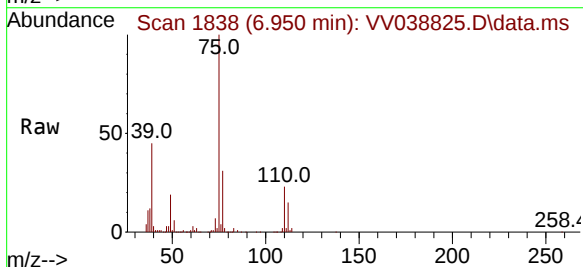
Tgt Ion: 75 Resp: 178859

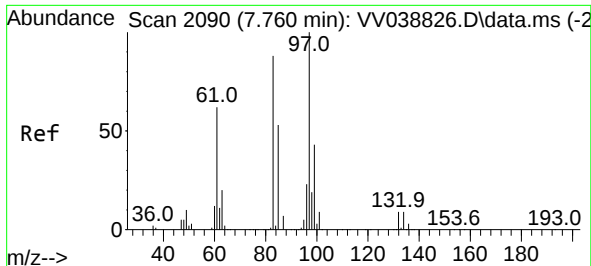
Ion Ratio Lower Upper

75 100

77 30.6 25.1 37.7

39 44.6 33.8 50.6

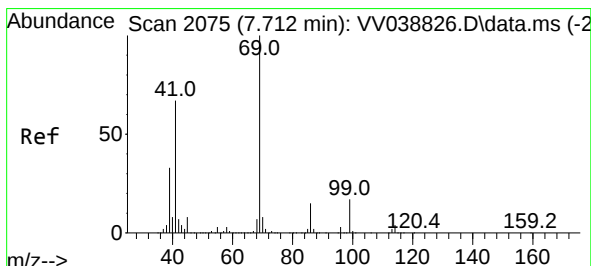
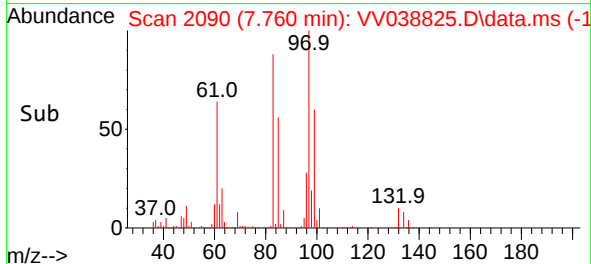
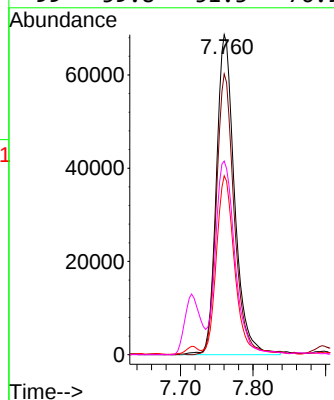
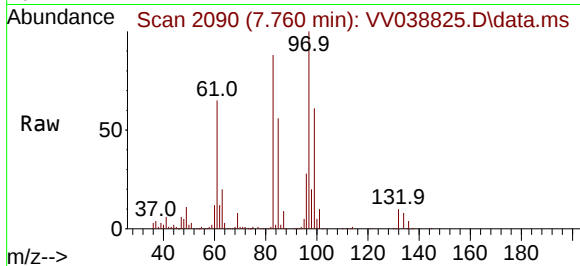




#55
 1,1,2-Trichloroethane
 Concen: 20.886 ug/l
 RT: 7.760 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: VV038825.D
 Acq: 27 Jun 2025 09:40

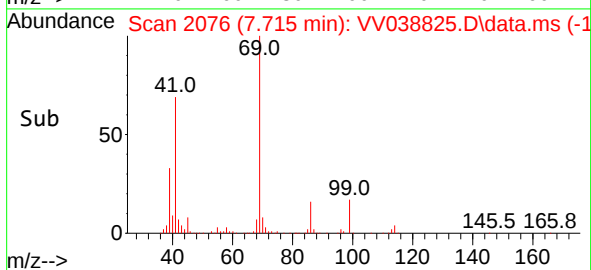
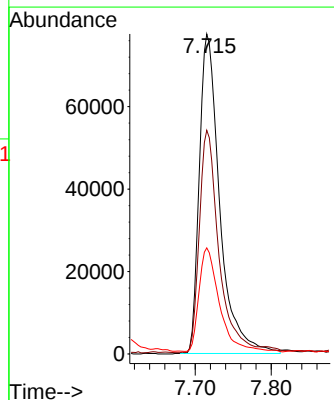
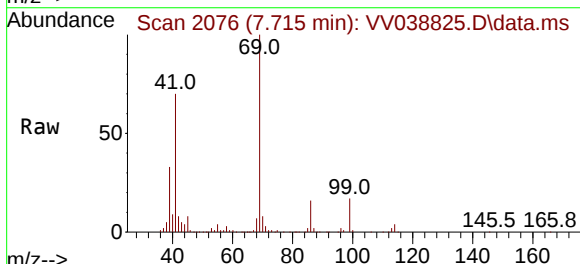
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC020

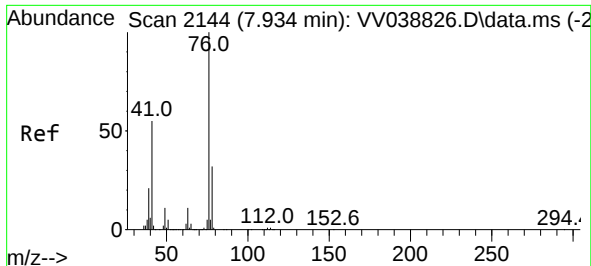
Tgt Ion:	97	Resp:	119694
Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.9	104.9
85	55.5	44.2	66.4
99	59.8	51.3	76.9



#56
 Ethyl methacrylate
 Concen: 18.543 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.003 min
 Lab File: VV038825.D
 Acq: 27 Jun 2025 09:40

Tgt Ion:	69	Resp:	144770
Ion	Ratio	Lower	Upper
69	100		
41	66.3	52.2	78.4
39	31.9	26.1	39.1

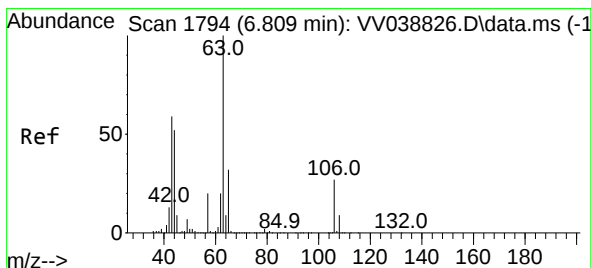
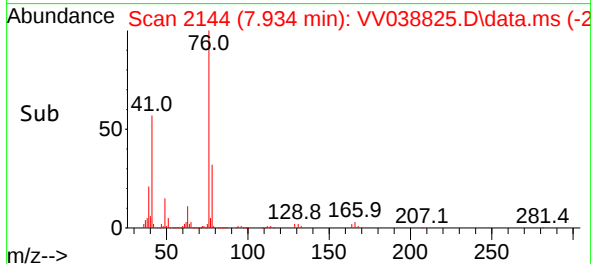
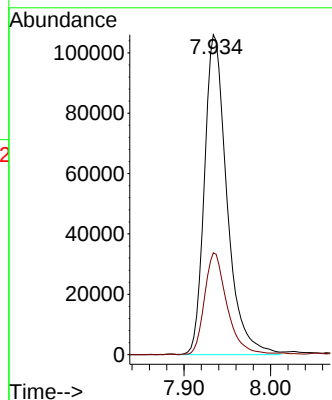
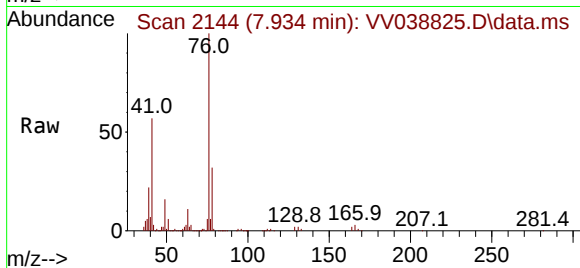




#57
1,3-Dichloropropane
Concen: 20.352 ug/l
RT: 7.934 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

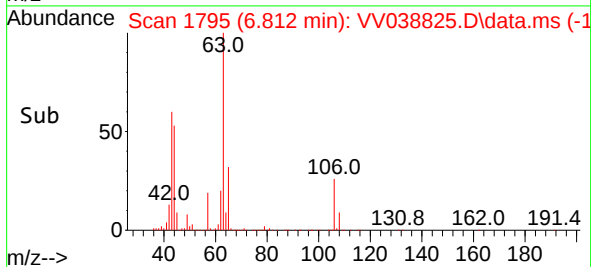
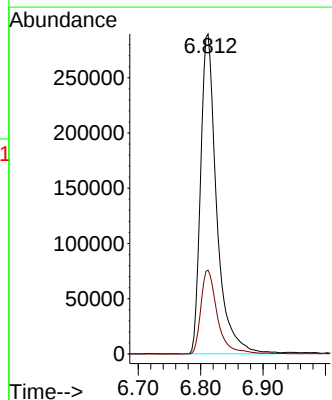
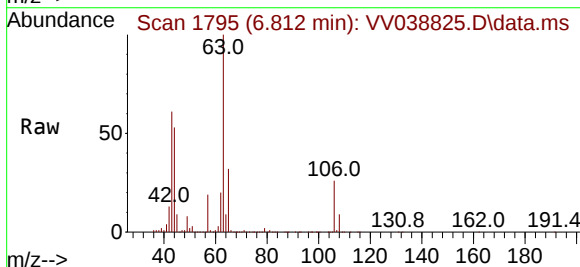
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

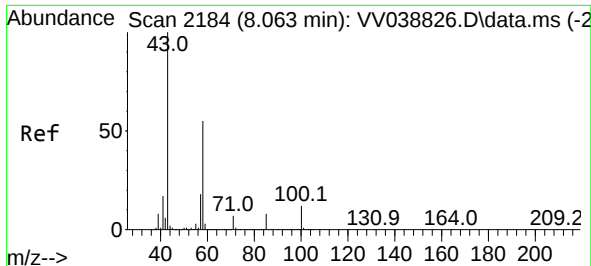
Tgt Ion: 76 Resp: 191931
Ion Ratio Lower Upper
76 100
78 31.3 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 104.353 ug/l
RT: 6.812 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 63 Resp: 518335
Ion Ratio Lower Upper
63 100
106 26.8 21.1 31.7

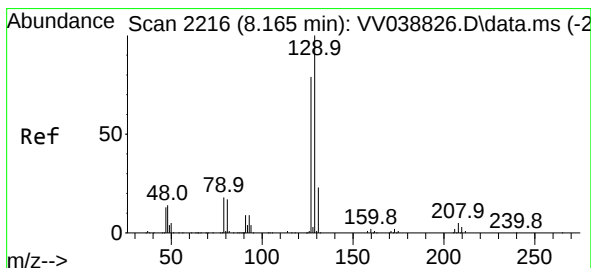
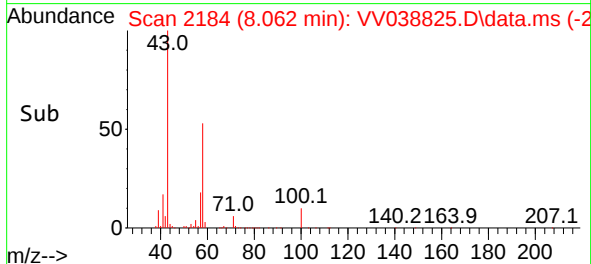
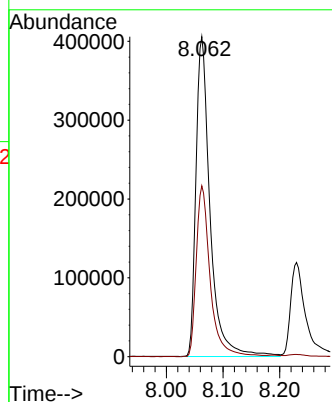
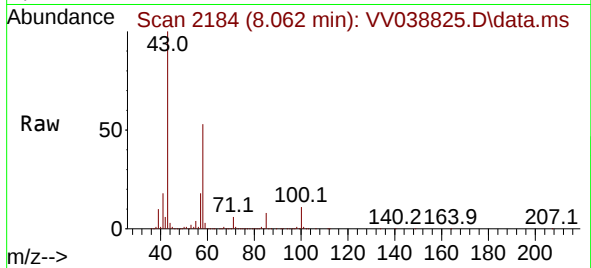




#59
2-Hexanone
Concen: 112.363 ug/l
RT: 8.062 min Scan# 2184
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

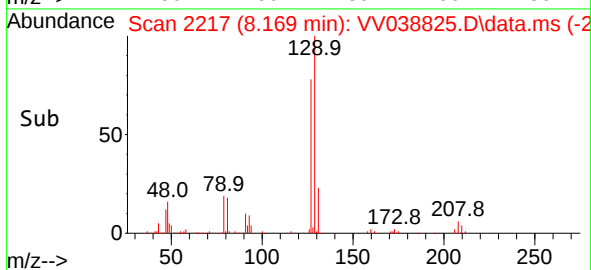
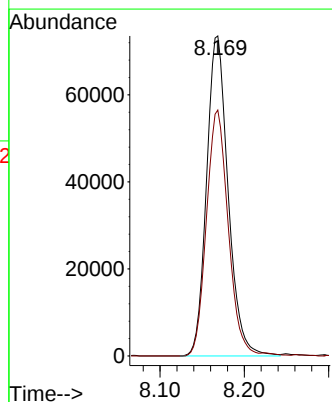
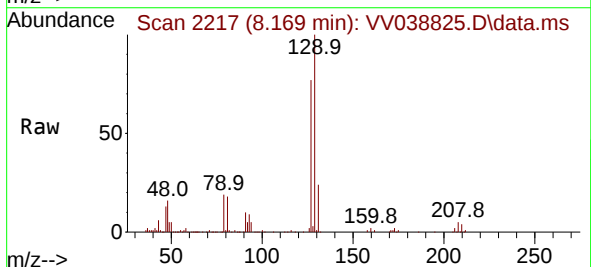
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

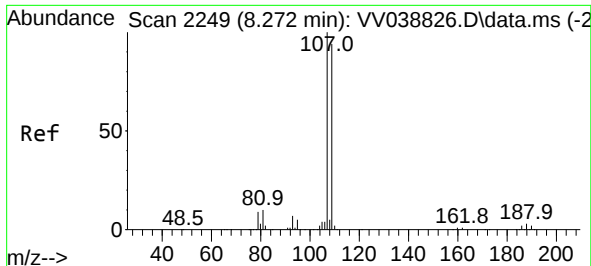
Tgt Ion: 43 Resp: 700181
Ion Ratio Lower Upper
43 100
58 53.0 27.5 82.4



#60
Dibromochloromethane
Concen: 19.728 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 129 Resp: 131082
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.1

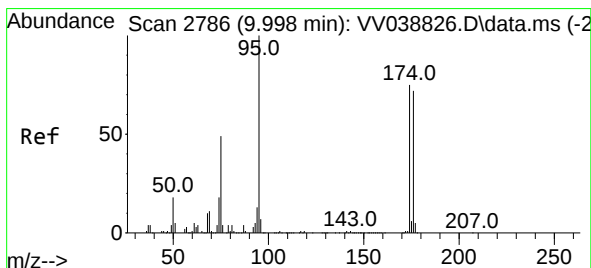
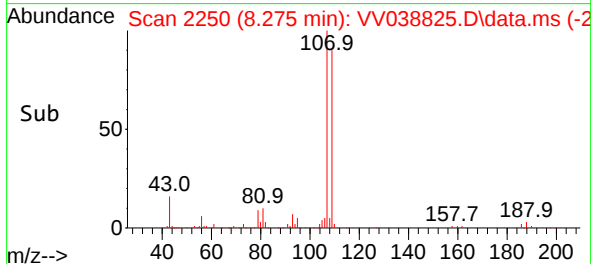
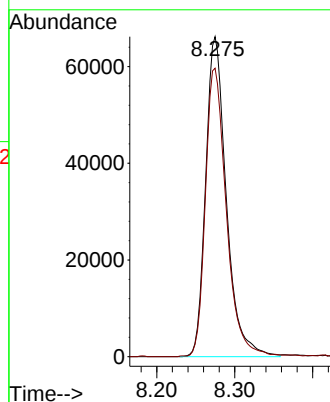
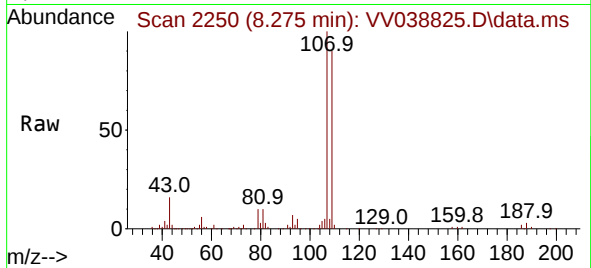




#61
1,2-Dibromoethane
Concen: 20.641 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

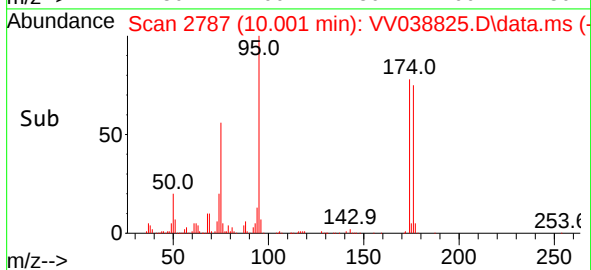
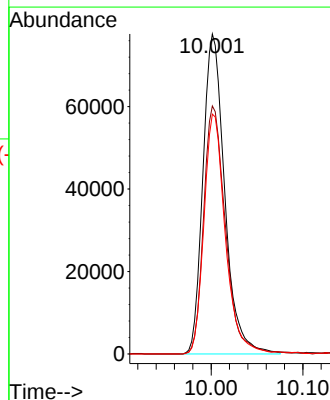
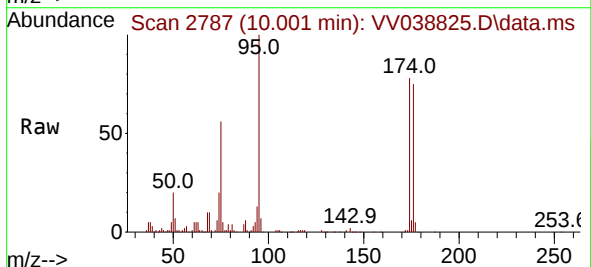
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

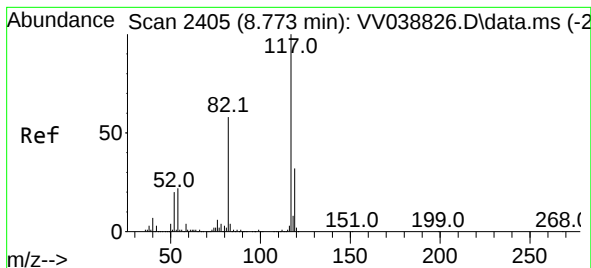
Tgt Ion:107 Resp: 122095
Ion Ratio Lower Upper
107 100
109 91.7 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 20.260 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 95 Resp: 128089
Ion Ratio Lower Upper
95 100
174 77.9 0.0 151.0
176 73.6 0.0 145.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

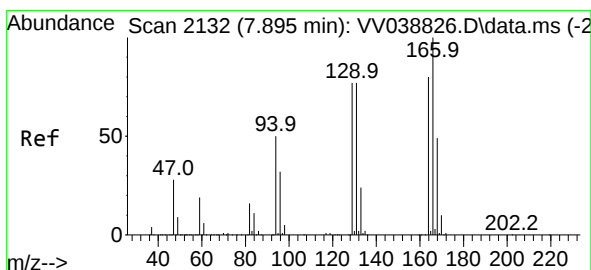
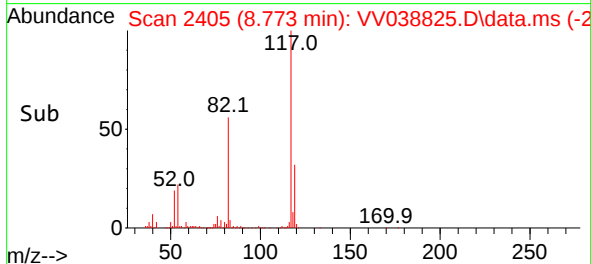
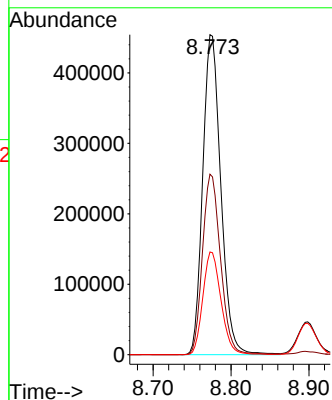
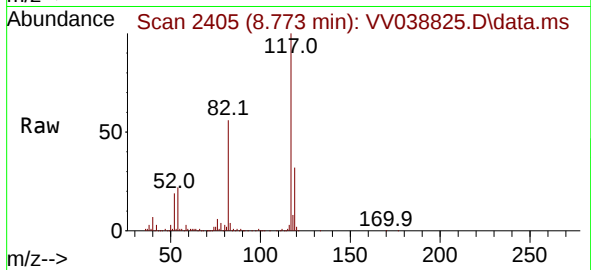
Tgt Ion:117 Resp: 733153

Ion Ratio Lower Upper

117 100

82 56.4 46.2 69.2

119 32.1 25.8 38.8



#64

Tetrachloroethene

Concen: 20.020 ug/l

RT: 7.898 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Tgt Ion:164 Resp: 102438

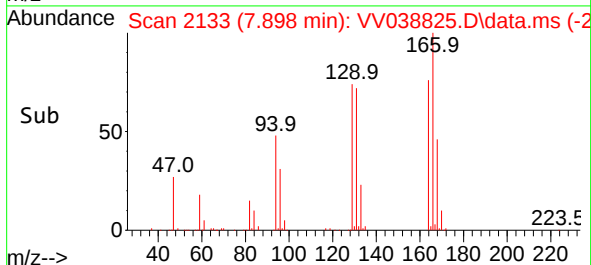
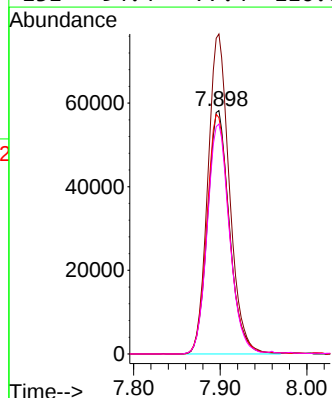
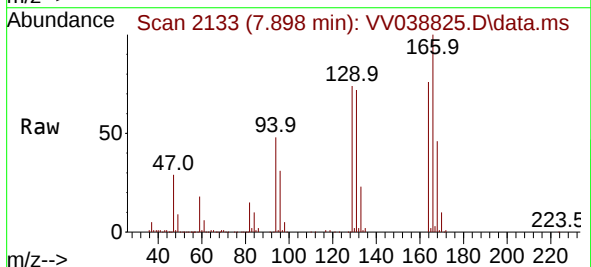
Ion Ratio Lower Upper

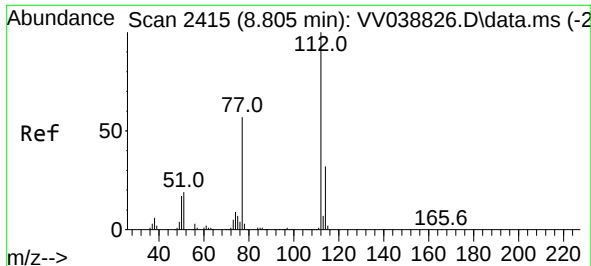
164 100

166 131.5 100.3 150.5

129 97.1 77.5 116.3

131 94.4 77.4 116.0

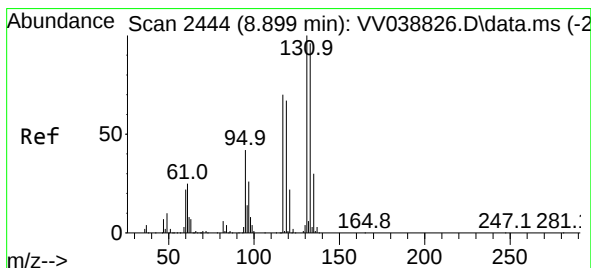
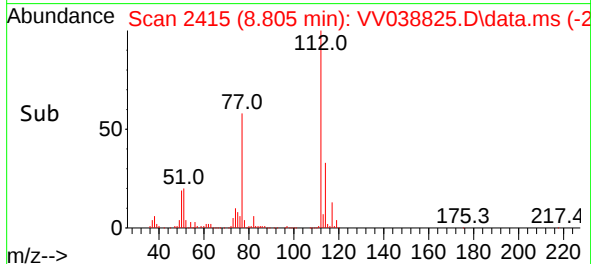
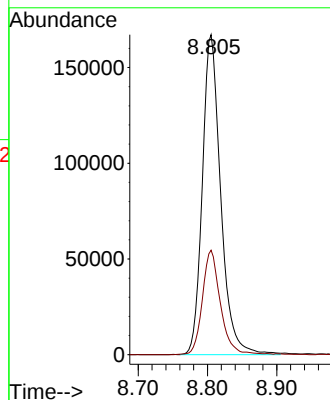
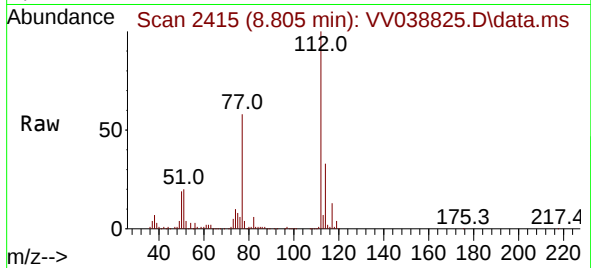




#65
Chlorobenzene
Concen: 19.247 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

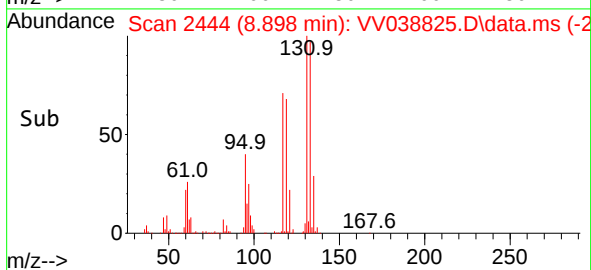
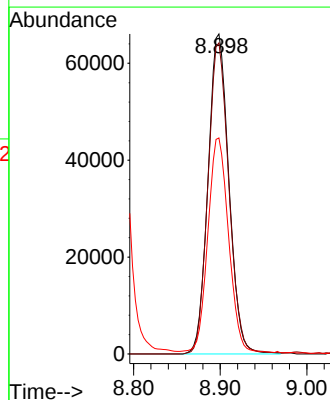
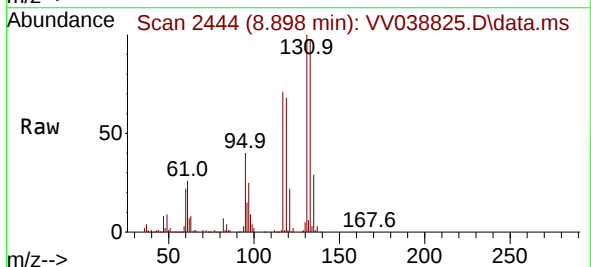
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

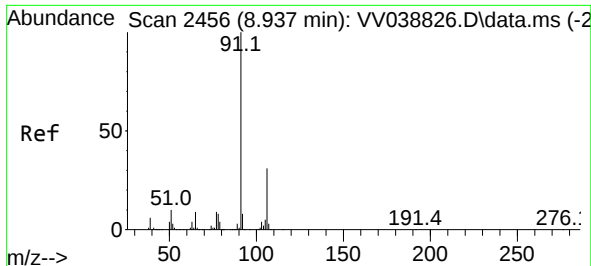
Tgt Ion:112 Resp: 308567
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.542 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion:131 Resp: 110789
Ion Ratio Lower Upper
131 100
133 97.5 48.1 144.4
119 66.7 34.2 102.5





#67

Ethyl Benzene

Concen: 18.875 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

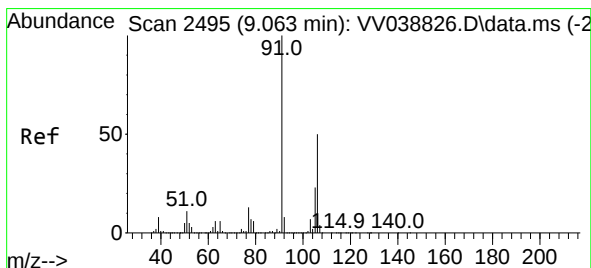
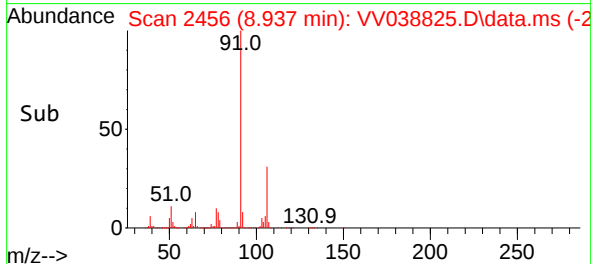
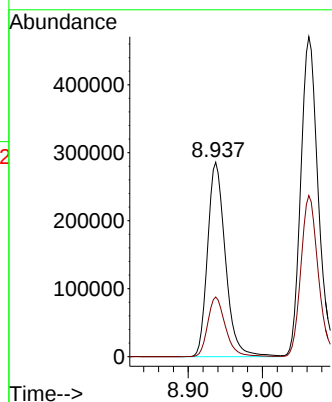
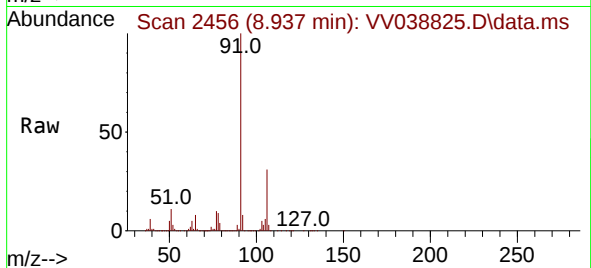
VSTDIC020

Tgt Ion: 91 Resp: 476268

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.6



#68

m/p-Xylenes

Concen: 40.844 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038825.D

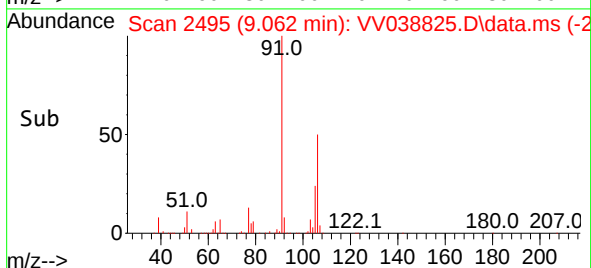
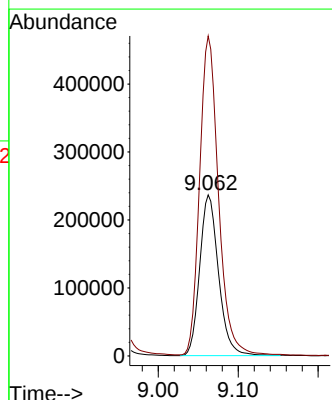
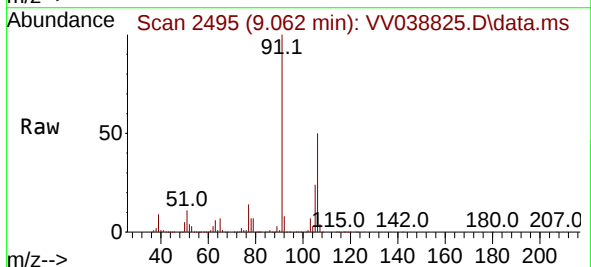
Acq: 27 Jun 2025 09:40

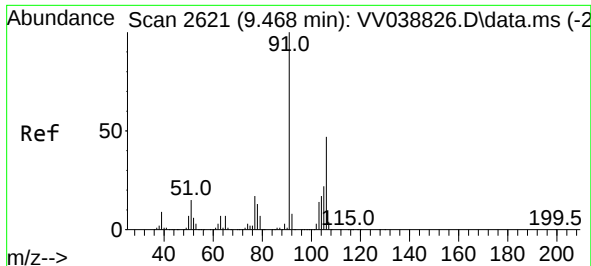
Tgt Ion:106 Resp: 388153

Ion Ratio Lower Upper

106 100

91 199.1 161.8 242.8

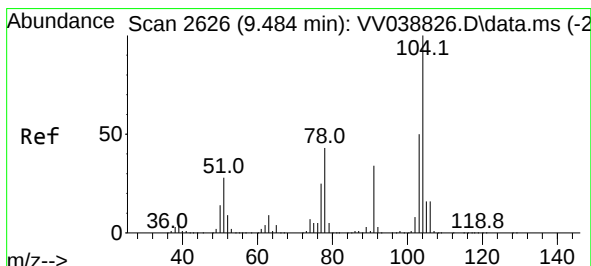
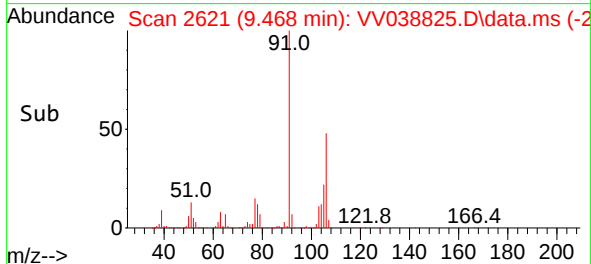
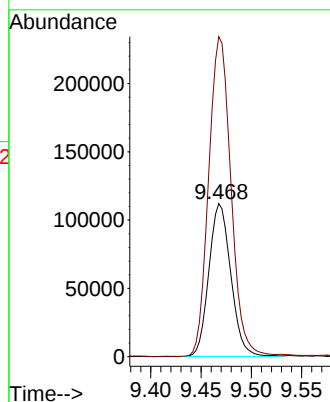
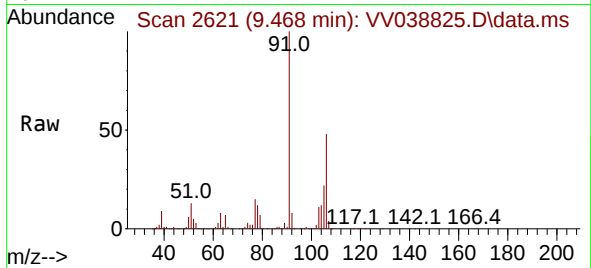




#69
o-Xylene
Concen: 19.127 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

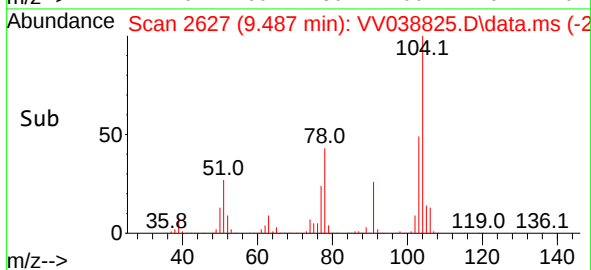
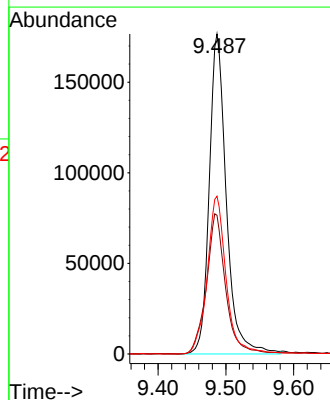
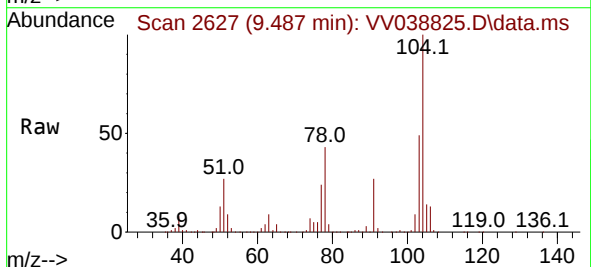
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

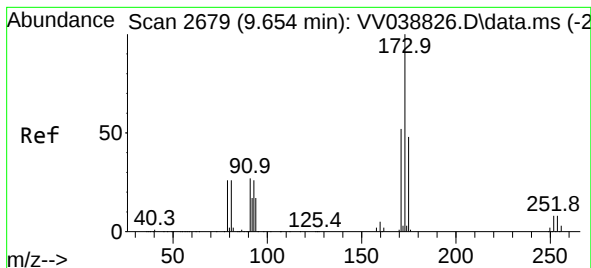
Tgt Ion:106 Resp: 170029
Ion Ratio Lower Upper
106 100
91 212.3 106.1 318.1



#70
Styrene
Concen: 20.591 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion:104 Resp: 309117
Ion Ratio Lower Upper
104 100
78 49.2 38.8 58.2
103 54.9 43.4 65.2





#71

Bromoform

Concen: 19.716 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

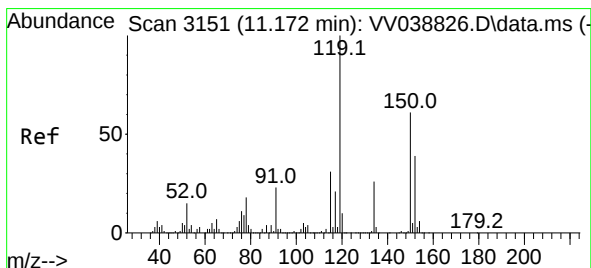
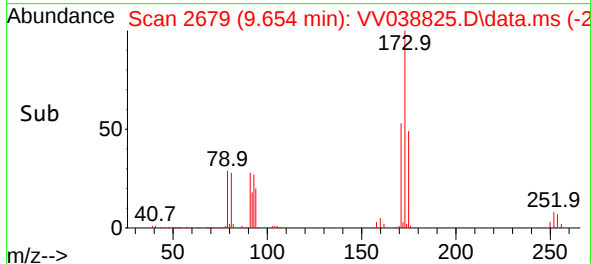
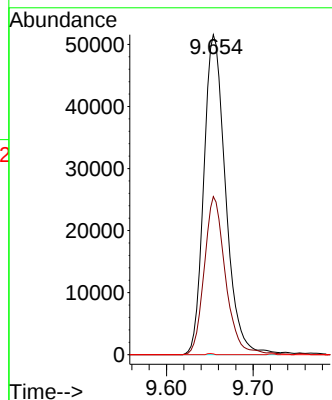
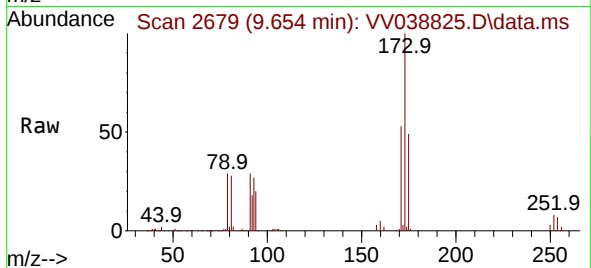
Tgt Ion:173 Resp: 90058

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.2

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

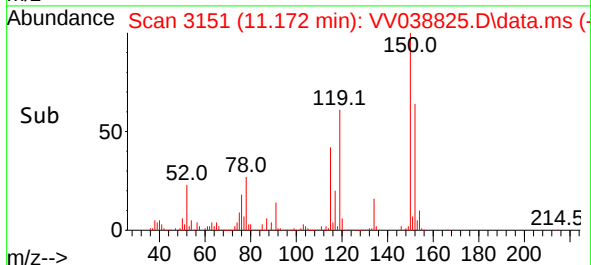
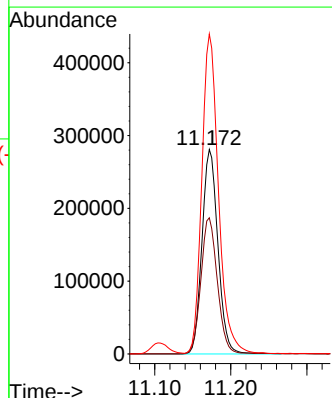
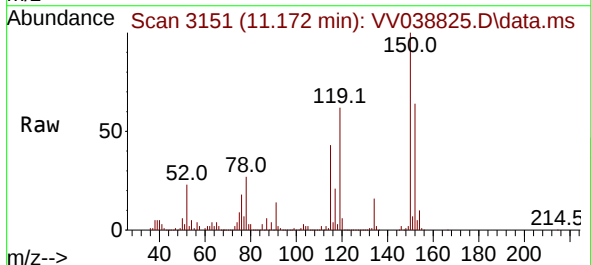
Tgt Ion:152 Resp: 408820

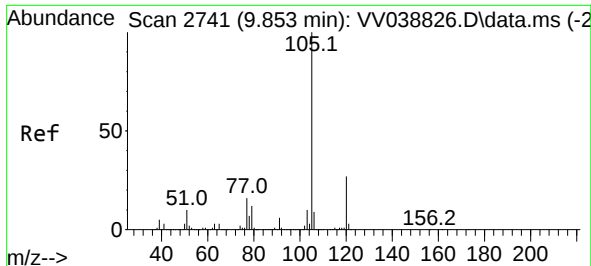
Ion Ratio Lower Upper

152 100

115 68.5 41.3 123.7

150 162.8 0.0 344.6

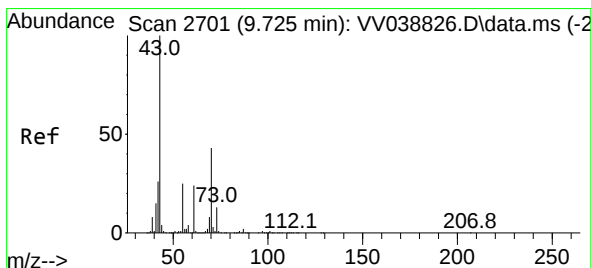
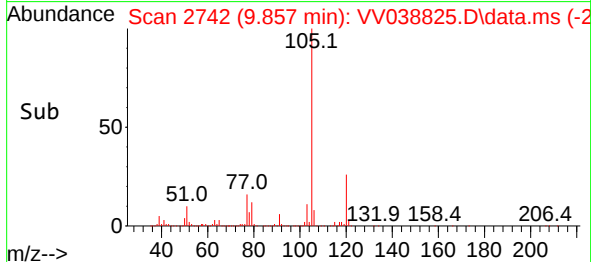
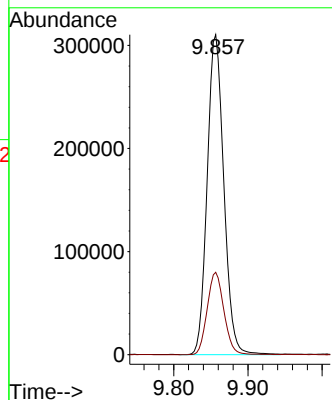
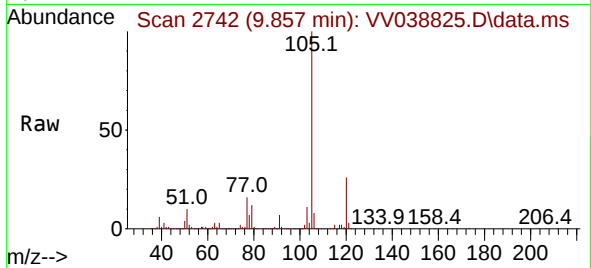




#73
Isopropylbenzene
Concen: 19.313 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

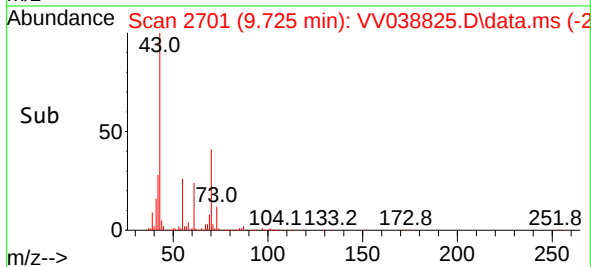
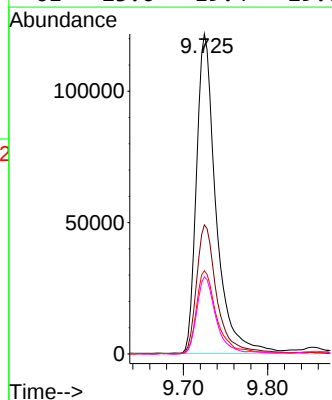
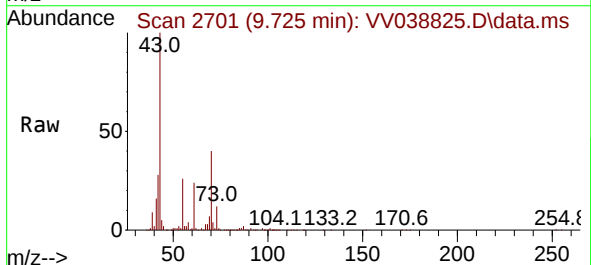
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

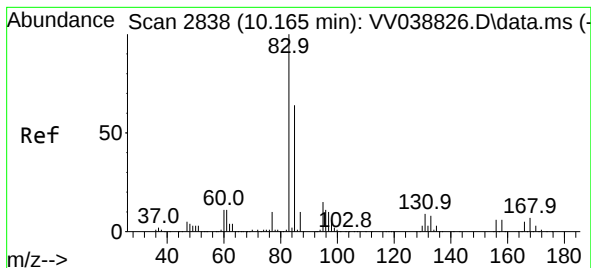
Tgt Ion:105 Resp: 481401
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.6



#74
N-ethyl acetate
Concen: 18.035 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 43 Resp: 196003
Ion Ratio Lower Upper
43 100
70 42.8 34.4 51.6
55 27.1 20.0 30.0
61 23.6 19.4 29.0

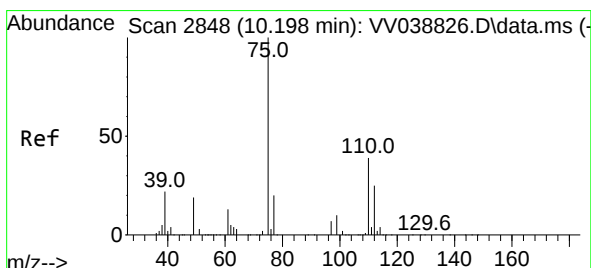
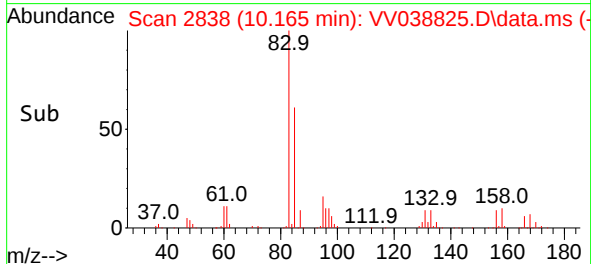
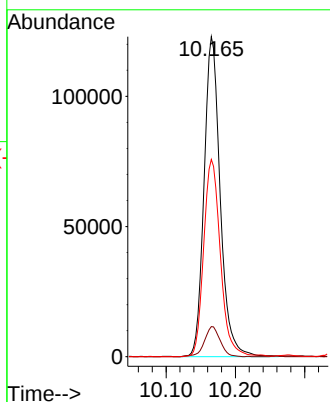
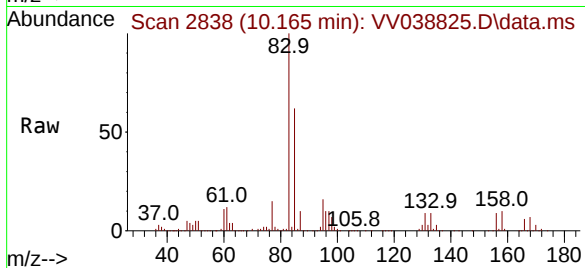




#75
1,1,2,2-Tetrachloroethane
Concen: 19.144 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

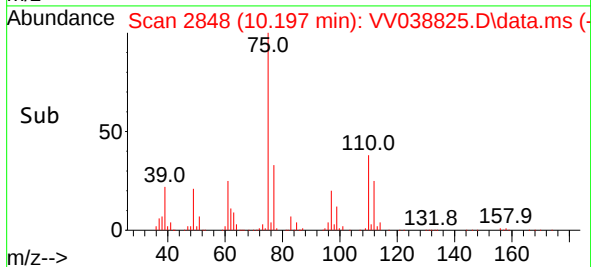
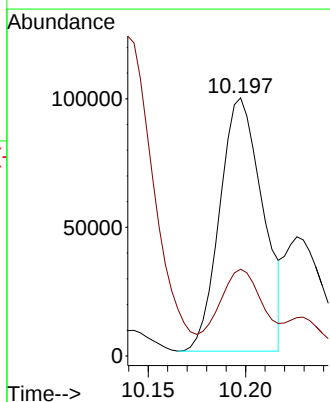
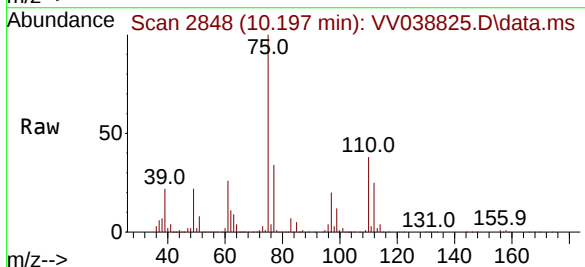
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

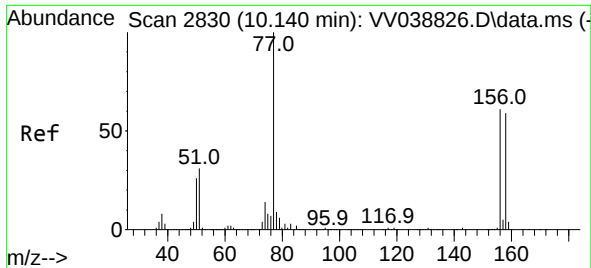
Tgt Ion: 83 Resp: 198686
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.4
85 63.6 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 19.191 ug/l
RT: 10.197 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 75 Resp: 150813
Ion Ratio Lower Upper
75 100
77 22.4 17.3 52.0

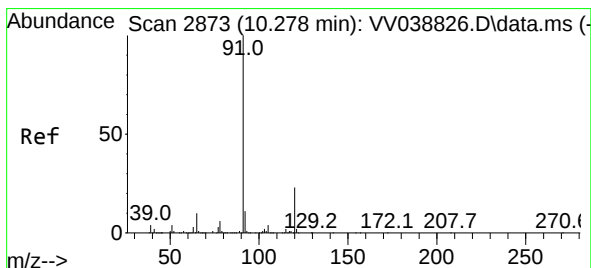
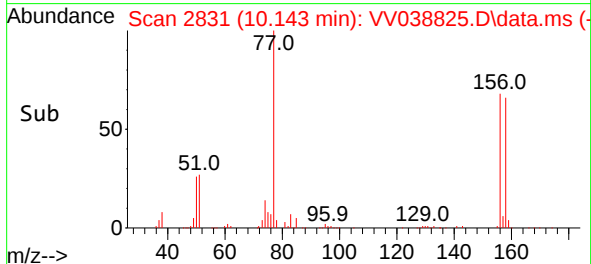
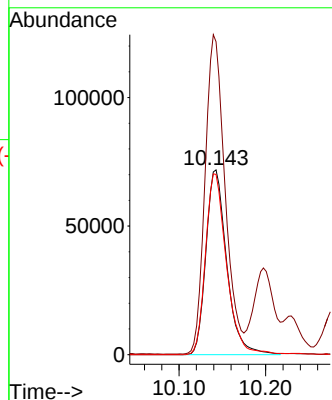
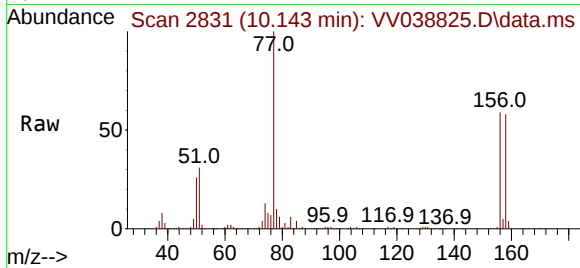




#77
Bromobenzene
Concen: 19.074 ug/l
RT: 10.143 min Scan# 2831
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

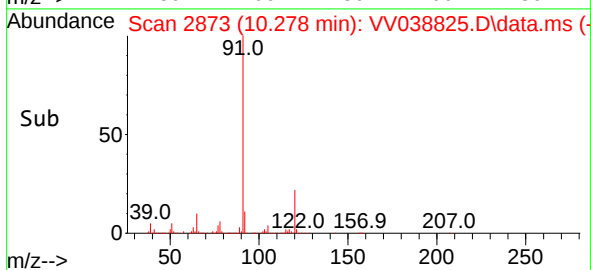
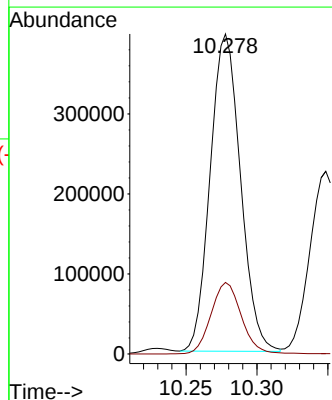
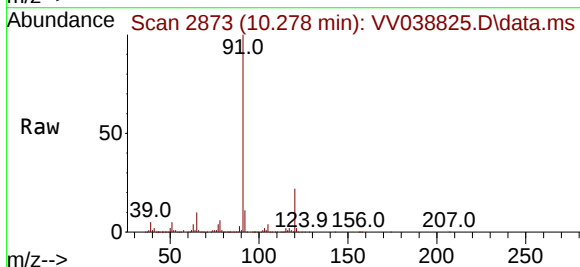
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

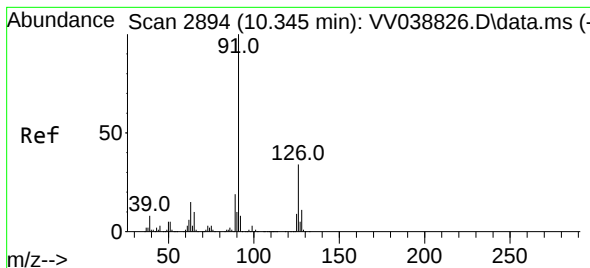
Tgt Ion:156 Resp: 119866
Ion Ratio Lower Upper
156 100
77 166.0 81.5 244.6
158 99.1 48.0 144.0



#78
n-propylbenzene
Concen: 19.545 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 91 Resp: 589160
Ion Ratio Lower Upper
91 100
120 22.7 11.4 34.2

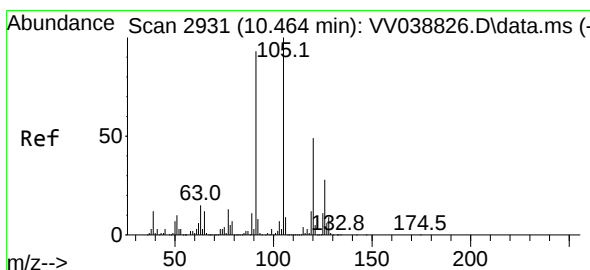
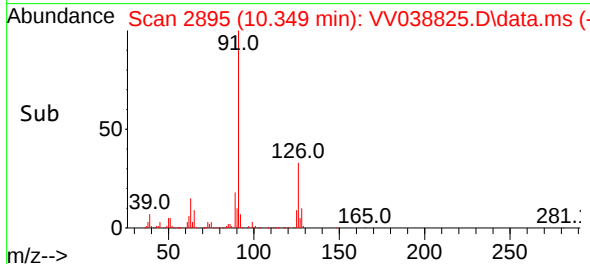
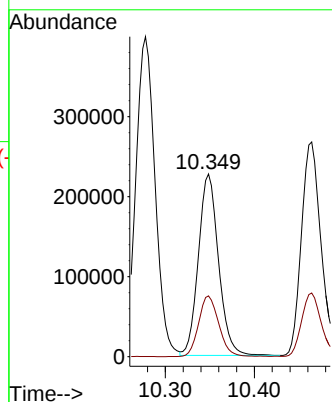
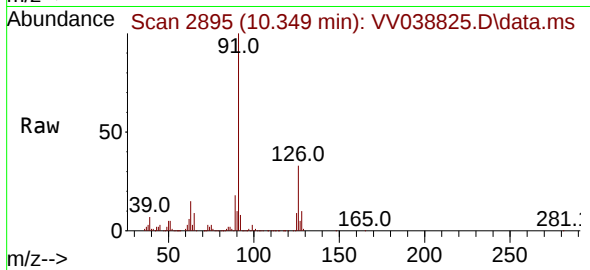




#79
2-Chlorotoluene
Concen: 19.835 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

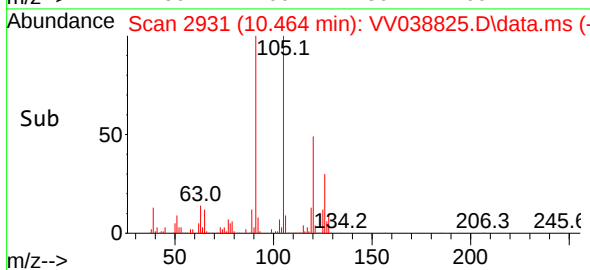
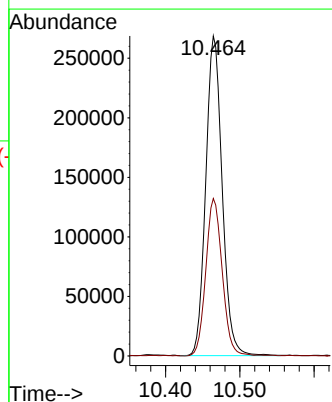
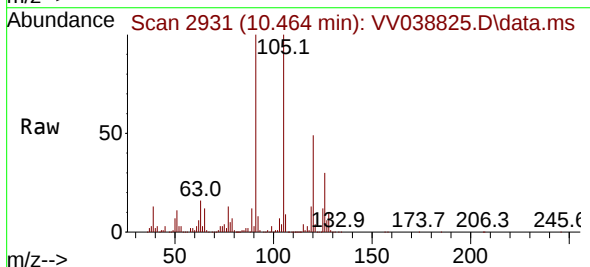
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

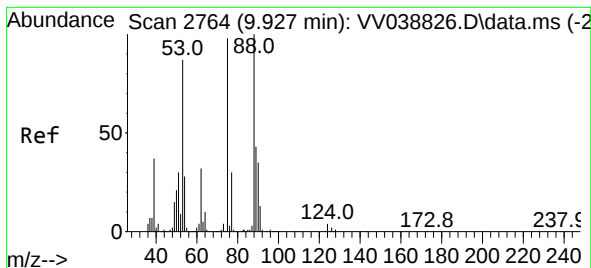
Tgt Ion: 91 Resp: 355732
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 19.889 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 105 Resp: 411937
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.6

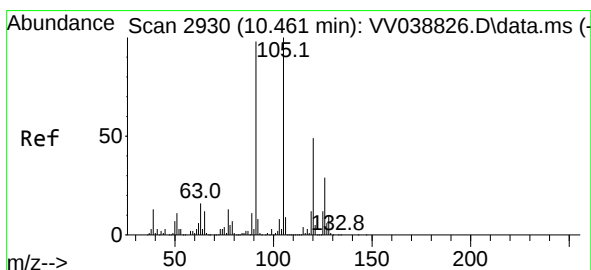
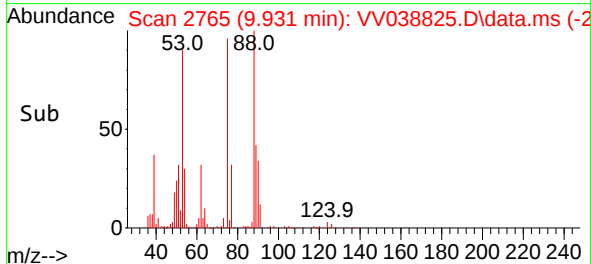
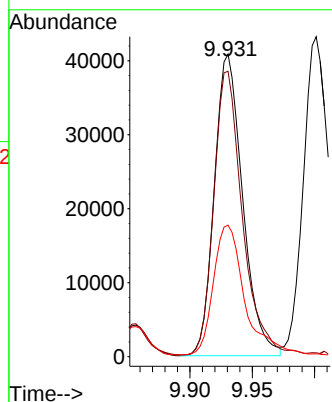
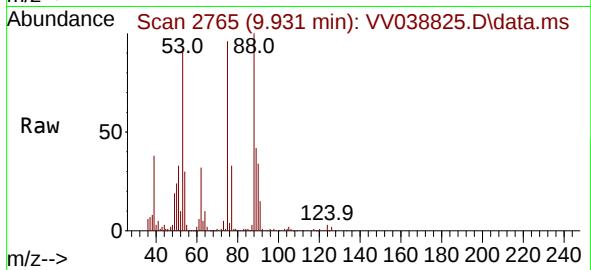




#81
trans-1,4-Dichloro-2-butene
Concen: 19.038 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

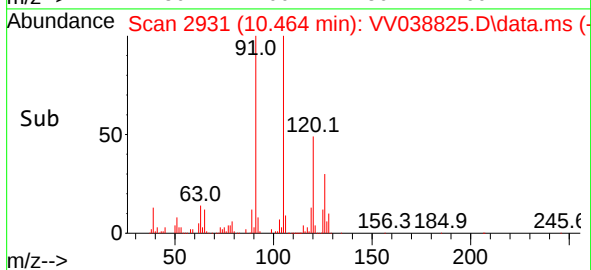
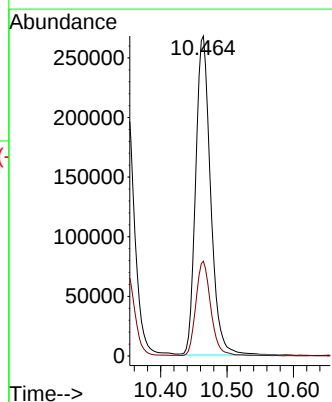
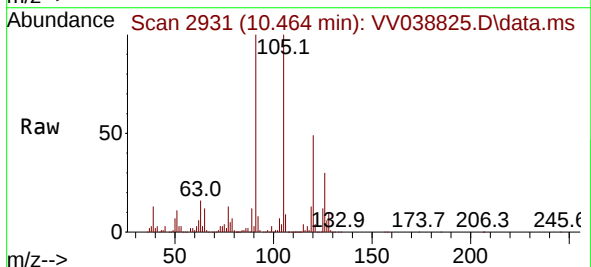
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

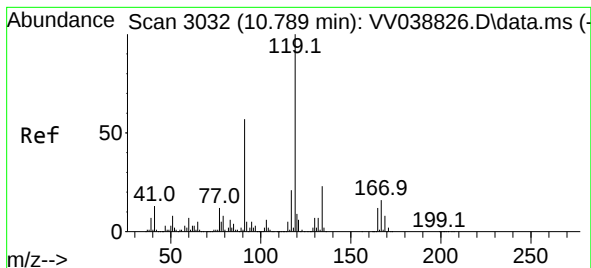
Tgt Ion: 75 Resp: 64603
Ion Ratio Lower Upper
75 100
53 94.6 72.6 109.0
89 48.6 37.0 55.6



#82
4-Chlorotoluene
Concen: 20.216 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV038825.D
Acq: 27 Jun 2025 09:40

Tgt Ion: 91 Resp: 418028
Ion Ratio Lower Upper
91 100
126 29.4 15.1 45.3





#83

tert-Butylbenzene

Concen: 18.429 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

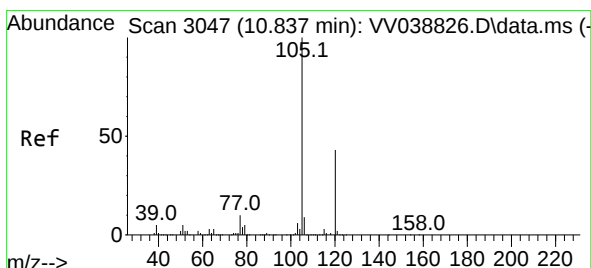
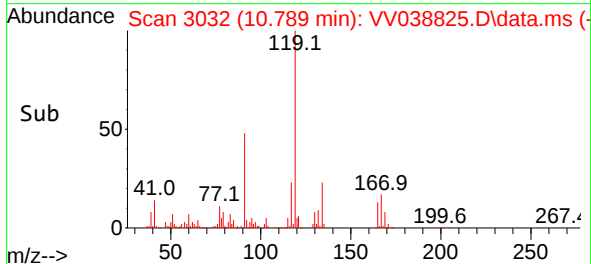
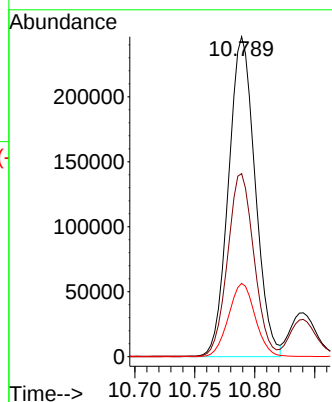
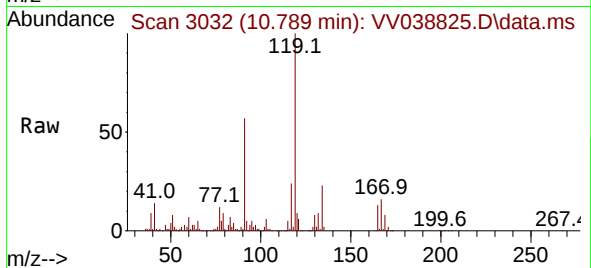
Tgt Ion:119 Resp: 380621

Ion Ratio Lower Upper

119 100

91 56.2 28.2 84.6

134 23.0 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 19.957 ug/l

RT: 10.840 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038825.D

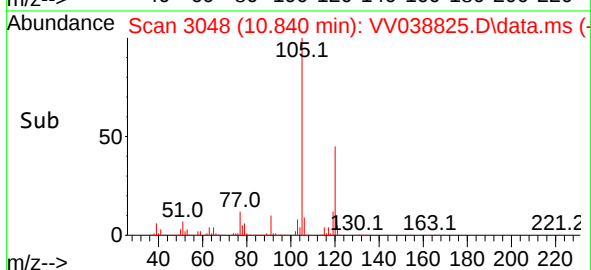
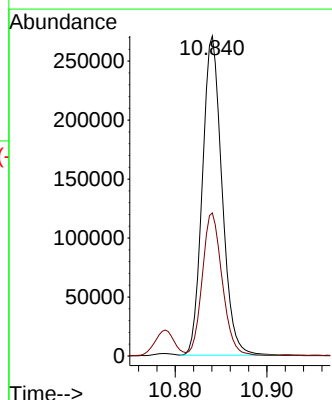
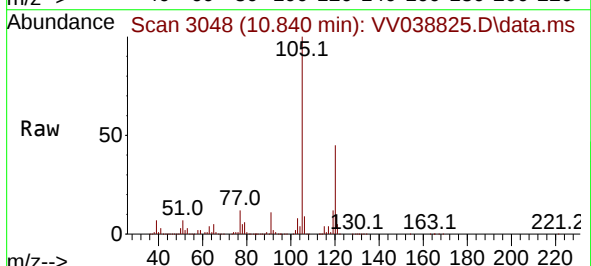
Acq: 27 Jun 2025 09:40

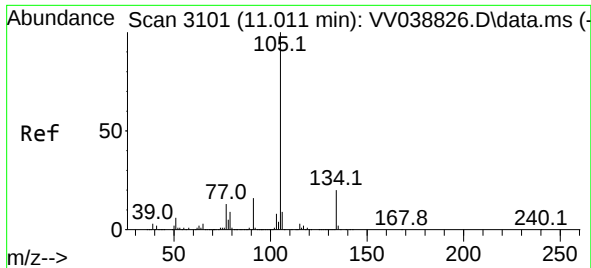
Tgt Ion:105 Resp: 400826

Ion Ratio Lower Upper

105 100

120 45.6 22.8 68.3

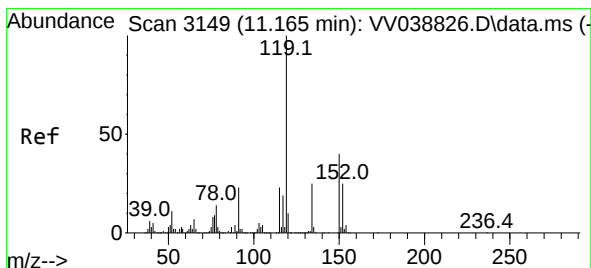
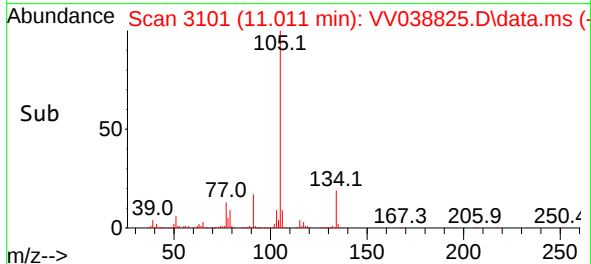
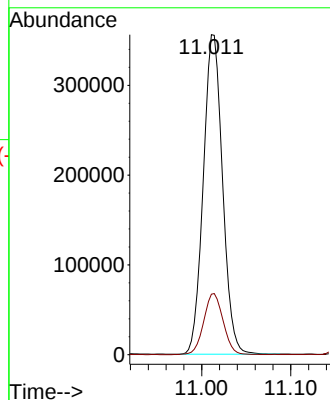
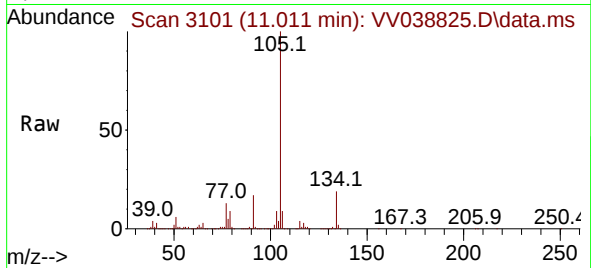




#85
 sec-Butylbenzene
 Concen: 19.594 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. -0.000 min
 Lab File: VV038825.D
 Acq: 27 Jun 2025 09:40

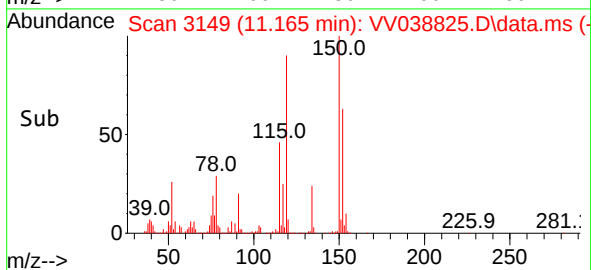
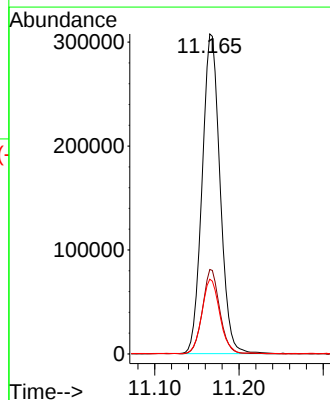
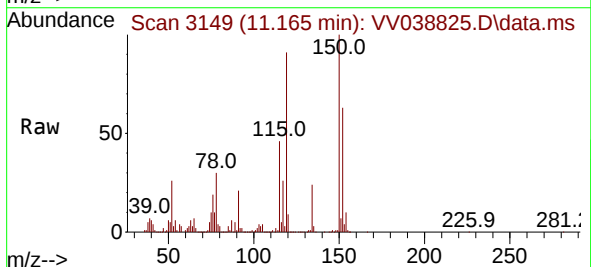
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

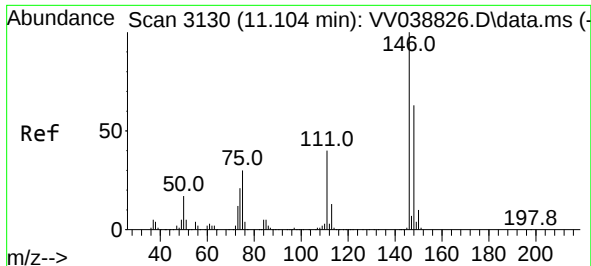
Tgt Ion:105 Resp: 533754
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.548 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. -0.000 min
 Lab File: VV038825.D
 Acq: 27 Jun 2025 09:40

Tgt Ion:119 Resp: 454971
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.9 38.6
 91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.186 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. -0.000 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

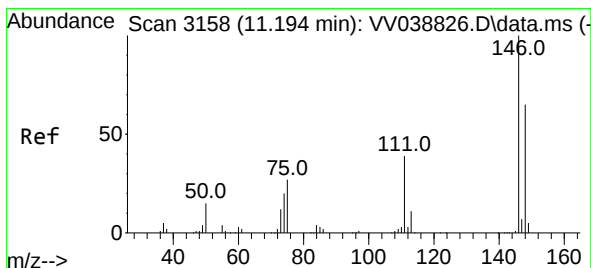
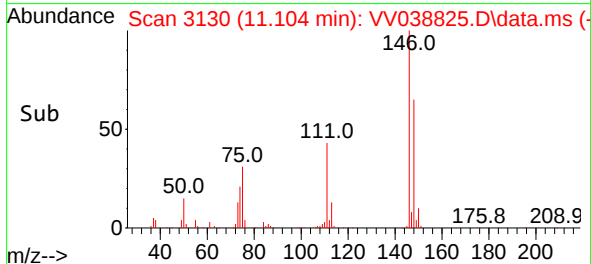
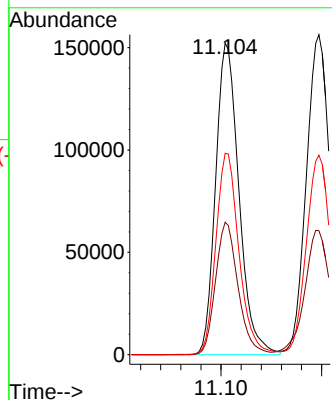
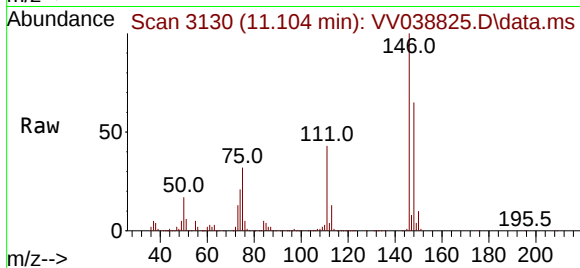
Tgt Ion:146 Resp: 245417

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.9

148 64.2 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 18.837 ug/l

RT: 11.197 min Scan# 3159

Delta R.T. 0.003 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

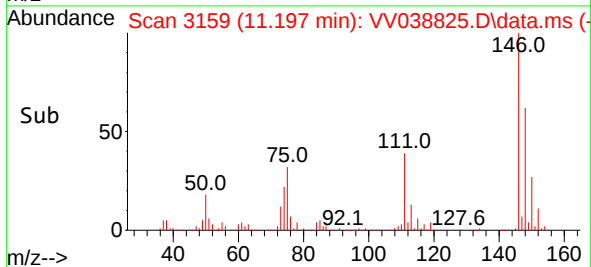
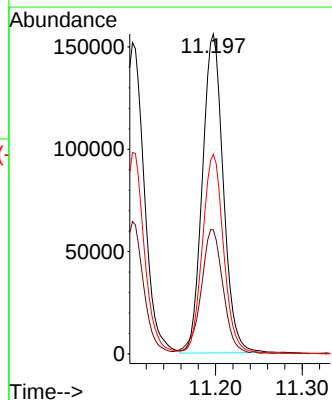
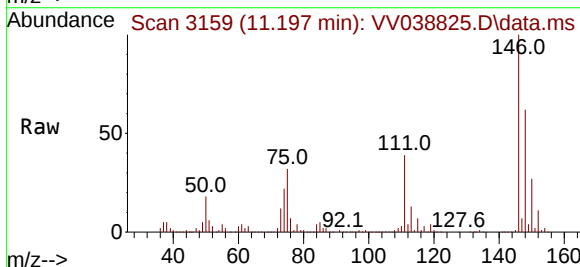
Tgt Ion:146 Resp: 260979

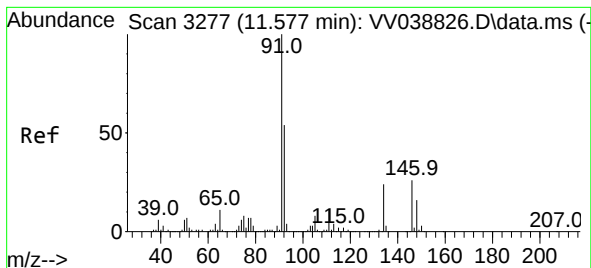
Ion Ratio Lower Upper

146 100

111 40.3 20.5 61.5

148 63.0 32.3 96.9





#89

n-Butylbenzene

Concen: 18.705 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

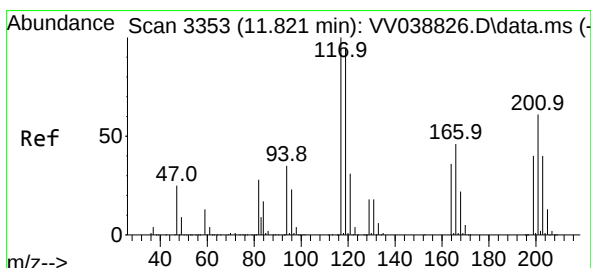
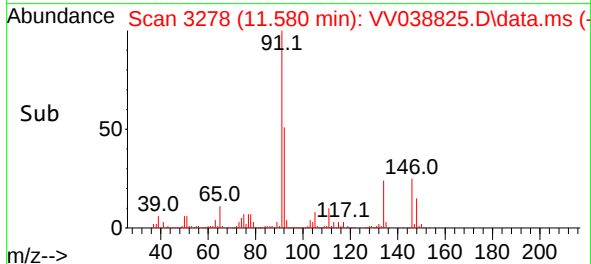
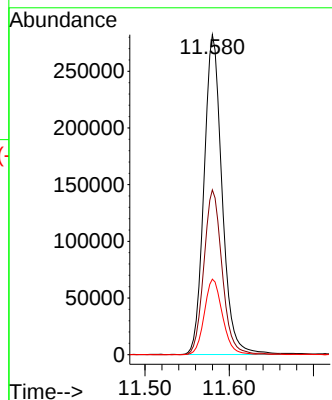
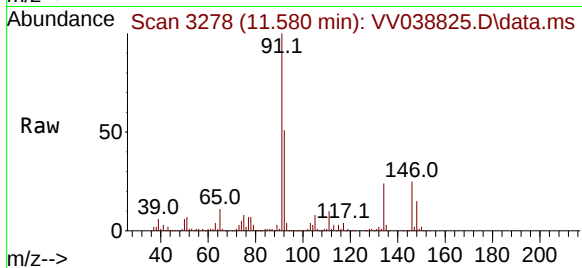
Tgt Ion: 91 Resp: 421656

Ion Ratio Lower Upper

91 100

92 52.2 26.6 79.7

134 23.7 12.3 36.8



#90

Hexachloroethane

Concen: 18.986 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. -0.003 min

Lab File: VV038825.D

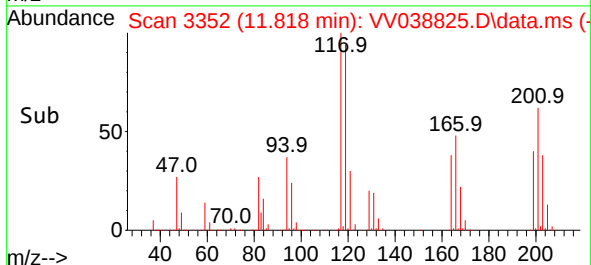
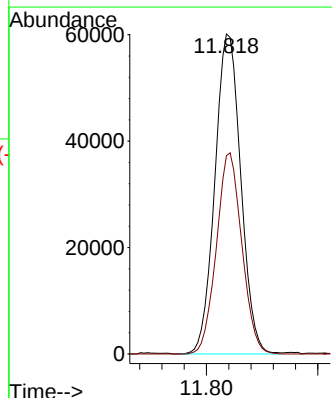
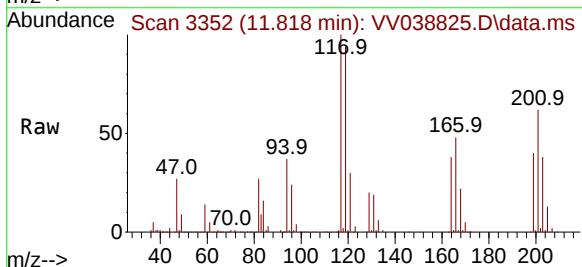
Acq: 27 Jun 2025 09:40

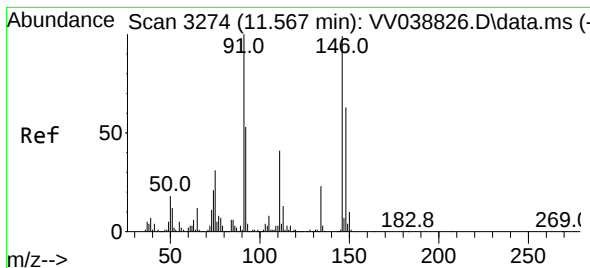
Tgt Ion: 117 Resp: 97286

Ion Ratio Lower Upper

117 100

201 61.5 31.4 94.0





#91

1,2-Dichlorobenzene

Concen: 18.791 ug/l

RT: 11.567 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

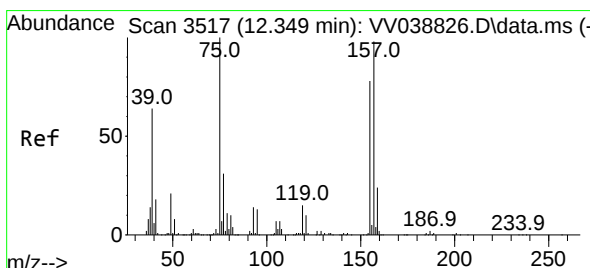
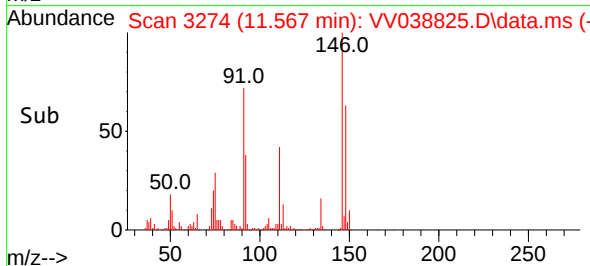
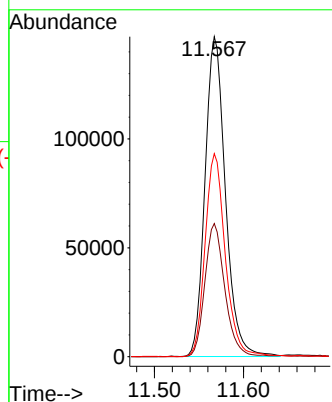
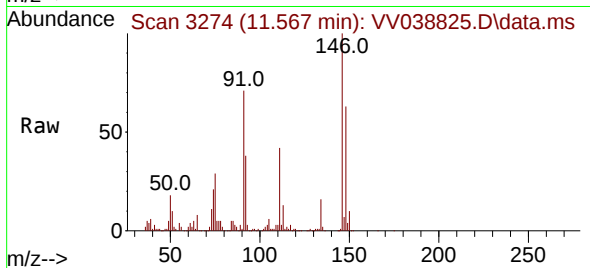
Tgt Ion:146 Resp: 233024

Ion Ratio Lower Upper

146 100

111 41.0 21.0 63.0

148 63.2 31.6 94.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.812 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

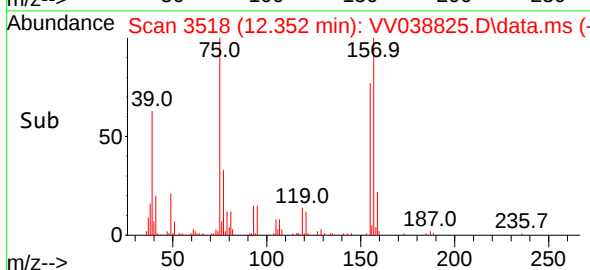
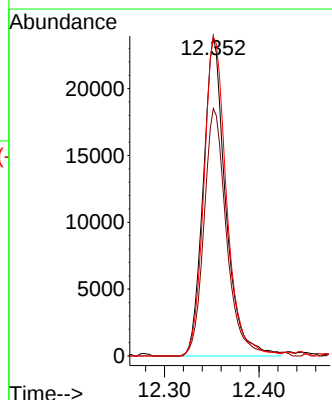
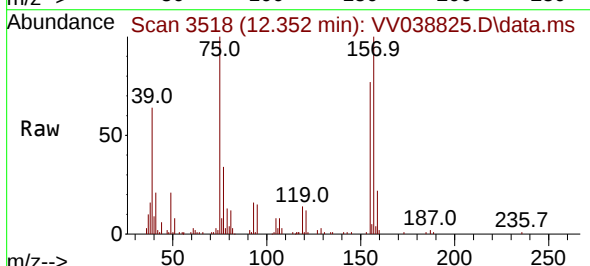
Tgt Ion: 75 Resp: 39192

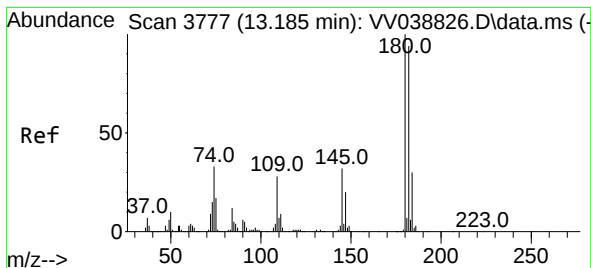
Ion Ratio Lower Upper

75 100

155 78.3 39.0 116.9

157 101.5 48.3 144.8





#93

1,2,4-Trichlorobenzene

Concen: 18.174 ug/l

RT: 13.184 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

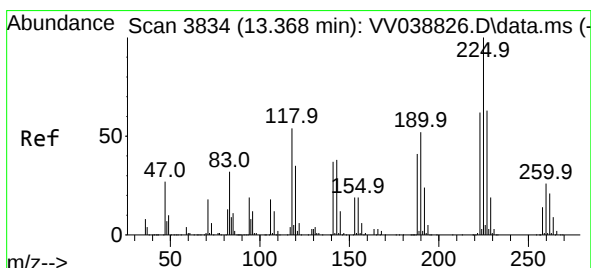
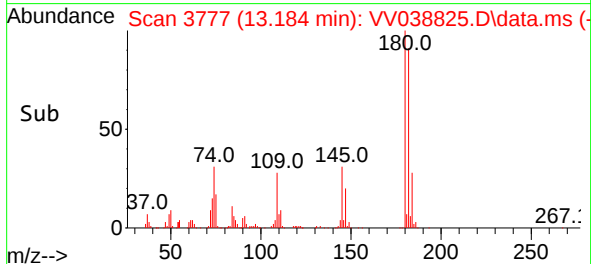
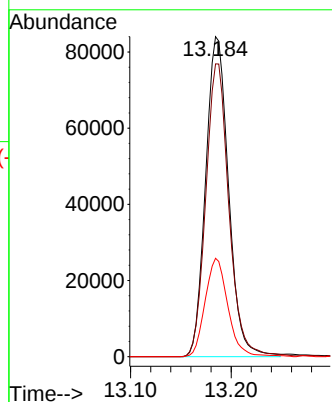
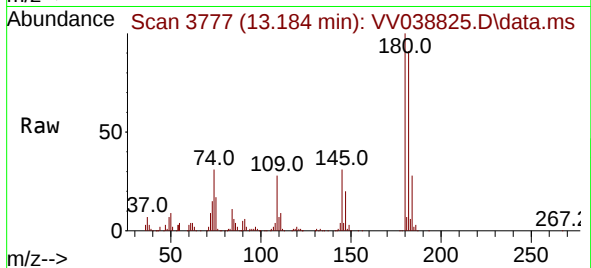
Tgt Ion:180 Resp: 132958

Ion Ratio Lower Upper

180 100

182 92.5 46.9 140.6

145 30.6 15.8 47.3



#94

Hexachlorobutadiene

Concen: 17.940 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

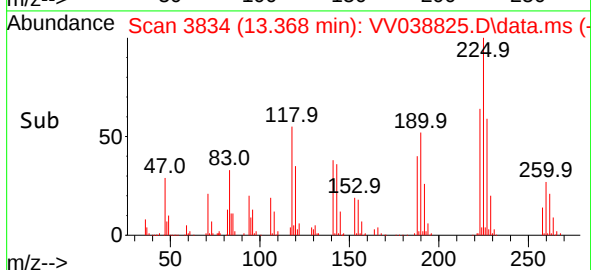
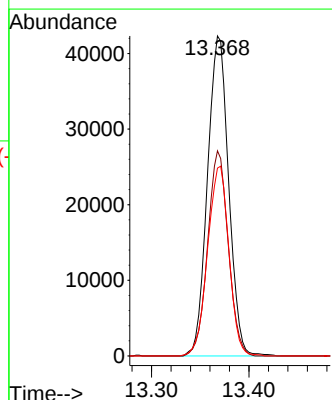
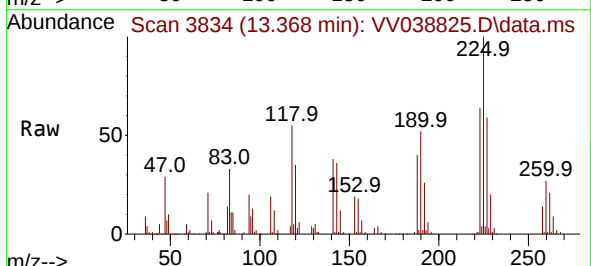
Tgt Ion:225 Resp: 63828

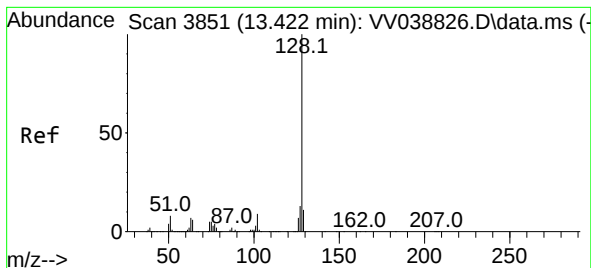
Ion Ratio Lower Upper

225 100

223 62.2 31.3 93.8

227 59.8 31.0 93.0





#95

Naphthalene

Concen: 17.165 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.004 min

Lab File: VV038825.D

Acq: 27 Jun 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

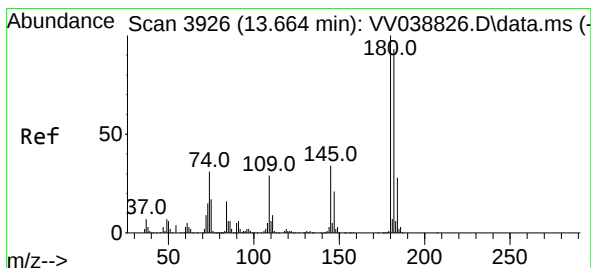
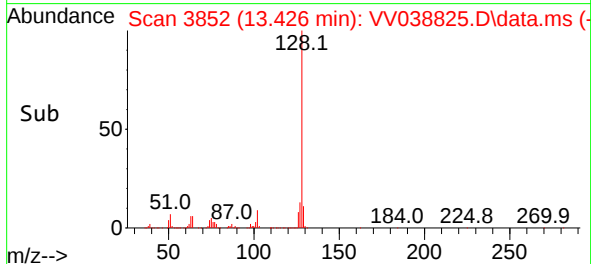
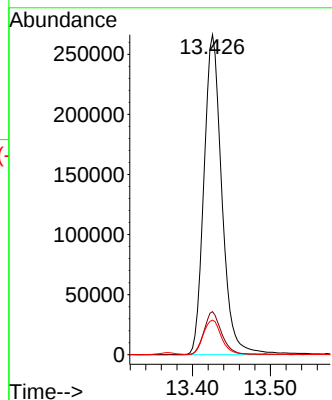
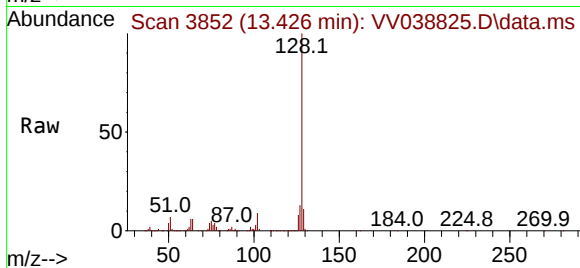
Tgt Ion:128 Resp: 425550

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.075 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

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Tgt Ion:180 Resp: 135841

Ion Ratio Lower Upper

180 100

182 92.6 47.3 141.8

145 33.2 17.0 50.9

