

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100725\
 Data File : VV039283.D
 Acq On : 07 Oct 2025 10:03
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 08 04:39:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 04:38:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	588248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	967612	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	961105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	497241	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.950	65	42369	5.069	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	10.140%#
35) Dibromofluoromethane	4.510	113	37861	4.966	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	9.940%#
50) Toluene-d8	7.243	98	108435	4.181	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	8.360%#
62) 4-Bromofluorobenzene	10.008	95	38301	4.146	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	8.300%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	34330	4.617	ug/l	100
3) Chloromethane	1.230	50	38742	5.005	ug/l	100
4) Vinyl Chloride	1.298	62	44755	5.068	ug/l	94
5) Bromomethane	1.490	94	31690	5.531	ug/l	100
6) Chloroethane	1.558	64	31757	4.465	ug/l	99
7) Trichlorofluoromethane	1.725	101	69716	5.168	ug/l	90
8) Diethyl Ether	1.918	74	25622	5.256	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.079	101	42697	5.285	ug/l	97
10) Methyl Iodide	2.198	142	28115	4.040	ug/l	97
11) Tert butyl alcohol	2.577	59	45455	28.061	ug/l	96
12) 1,1-Dichloroethene	2.082	96	41934	5.287	ug/l	98
13) Acrolein	2.011	56	37550	34.092	ug/l	97
14) Allyl chloride	2.359	41	65980	5.247	ug/l	98
15) Acrylonitrile	2.677	53	124516	25.920	ug/l	97
16) Acetone	2.121	43	119529	21.363	ug/l	99
17) Carbon Disulfide	2.252	76	113750	5.077	ug/l	99
18) Methyl Acetate	2.381	43	48140	4.445	ug/l	94
19) Methyl tert-butyl Ether	2.712	73	122790	5.143	ug/l	96
20) Methylene Chloride	2.458	84	48899	4.579	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	43669	5.229	ug/l	96
22) Diisopropyl ether	3.220	45	113802	5.041	ug/l #	76
23) Vinyl Acetate	3.195	43	506675	25.566	ug/l	99
24) 1,1-Dichloroethane	3.121	63	81412	5.383	ug/l	98
25) 2-Butanone	3.886	43	118955	23.338	ug/l	99
26) 2,2-Dichloropropane	3.815	77	61297	5.032	ug/l	98
27) cis-1,2-Dichloroethene	3.825	96	42753	5.113	ug/l	98
28) Bromochloromethane	4.153	49	35668	5.396	ug/l	99
29) Tetrahydrofuran	4.249	42	69338	21.221	ug/l	98
30) Chloroform	4.285	83	83381	5.406	ug/l	96
31) Cyclohexane	4.584	56	58787	5.337	ug/l #	78
32) 1,1,1-Trichloroethane	4.519	97	71313	5.288	ug/l	100
36) 1,1-Dichloropropene	4.751	75	46175	4.822	ug/l	97
37) Ethyl Acetate	3.998	43	49356	4.417	ug/l #	86
38) Carbon Tetrachloride	4.735	117	61436	5.062	ug/l	100
39) Methylcyclohexane	6.047	83	48503	4.432	ug/l	93
40) Benzene	5.014	78	155202	5.051	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.191	41	16876	5.092	ug/l	95
42) 1,2-Dichloroethane	5.047	62	54624	5.065	ug/l	98
43) Isopropyl Acetate	5.207	43	68435	4.482	ug/l	96
44) Trichloroethene	5.841	130	38500	4.982	ug/l	96
45) 1,2-Dichloropropane	6.095	63	34291	4.586	ug/l	96
46) Dibromomethane	6.236	93	32930	5.269	ug/l	97
47) Bromodichloromethane	6.432	83	64658	5.251	ug/l	95
48) Methyl methacrylate	6.317	41	24607	3.619	ug/l	97
49) 1,4-Dioxane	6.310	88	8697	76.890	ug/l	94
51) 4-Methyl-2-Pentanone	7.156	43	227471	22.339	ug/l	96
52) Toluene	7.313	92	89683	4.834	ug/l	98
53) t-1,3-Dichloropropene	7.587	75	52481	4.876	ug/l	97
54) cis-1,3-Dichloropropene	6.956	75	57395	4.797	ug/l	98
55) 1,1,2-Trichloroethane	7.767	97	41447	4.947	ug/l	94
56) Ethyl methacrylate	7.725	69	36737	3.928	ug/l	93
57) 1,3-Dichloropropane	7.940	76	61872	4.894	ug/l	98
58) 2-Chloroethyl Vinyl ether	6.821	63	86926	22.960	ug/l	95
59) 2-Hexanone	8.072	43	155844	20.847	ug/l	94
60) Dibromochloromethane	8.172	129	50201	5.125	ug/l	97
61) 1,2-Dibromoethane	8.281	107	43447	4.981	ug/l	96
64) Tetrachloroethene	7.899	164	34702	4.950	ug/l	97
65) Chlorobenzene	8.805	112	113867	5.005	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	42539	4.991	ug/l	99
67) Ethyl Benzene	8.940	91	148460	4.430	ug/l	99
68) m/p-Xylenes	9.066	106	109401	8.230	ug/l	94
69) o-Xylene	9.471	106	49355	4.204	ug/l	96
70) Styrene	9.493	104	81766	3.915	ug/l	96
71) Bromoform	9.657	173	34260	4.971	ug/l #	98
73) Isopropylbenzene	9.857	105	132019	4.372	ug/l	97
74) N-amyl acetate	9.731	43	50235	4.008	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.169	83	72162	5.204	ug/l	97
76) 1,2,3-Trichloropropane	10.201	75	51295	5.169	ug/l	96
77) Bromobenzene	10.146	156	40198	4.843	ug/l	95
78) n-propylbenzene	10.278	91	158201	4.318	ug/l	99
79) 2-Chlorotoluene	10.349	91	106185	4.694	ug/l	98
80) 1,3,5-Trimethylbenzene	10.464	105	110241	4.353	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.934	75	17131	4.359	ug/l	92
82) 4-Chlorotoluene	10.468	91	118012	4.539	ug/l	99
83) tert-Butylbenzene	10.789	119	114952	4.571	ug/l	97
84) 1,2,4-Trimethylbenzene	10.841	105	102036	4.093	ug/l	97
85) sec-Butylbenzene	11.014	105	140416	4.416	ug/l	98
86) p-Isopropyltoluene	11.169	119	119647	4.377	ug/l	97
87) 1,3-Dichlorobenzene	11.107	146	80737	4.876	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	93915	5.032	ug/l	91
89) n-Butylbenzene	11.580	91	112555	4.421	ug/l	96
90) Hexachloroethane	11.821	117	36205	5.356	ug/l	99
91) 1,2-Dichlorobenzene	11.570	146	75697	4.806	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.355	75	14288	5.011	ug/l	91
93) 1,2,4-Trichlorobenzene	13.188	180	38484	4.381	ug/l	94
94) Hexachlorobutadiene	13.368	225	21935	4.932	ug/l	98
95) Naphthalene	13.429	128	113700	3.951	ug/l	98
96) 1,2,3-Trichlorobenzene	13.670	180	39397	4.315	ug/l	97

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Oct 08 04:38:33 2025
Response via : Initial Calibration

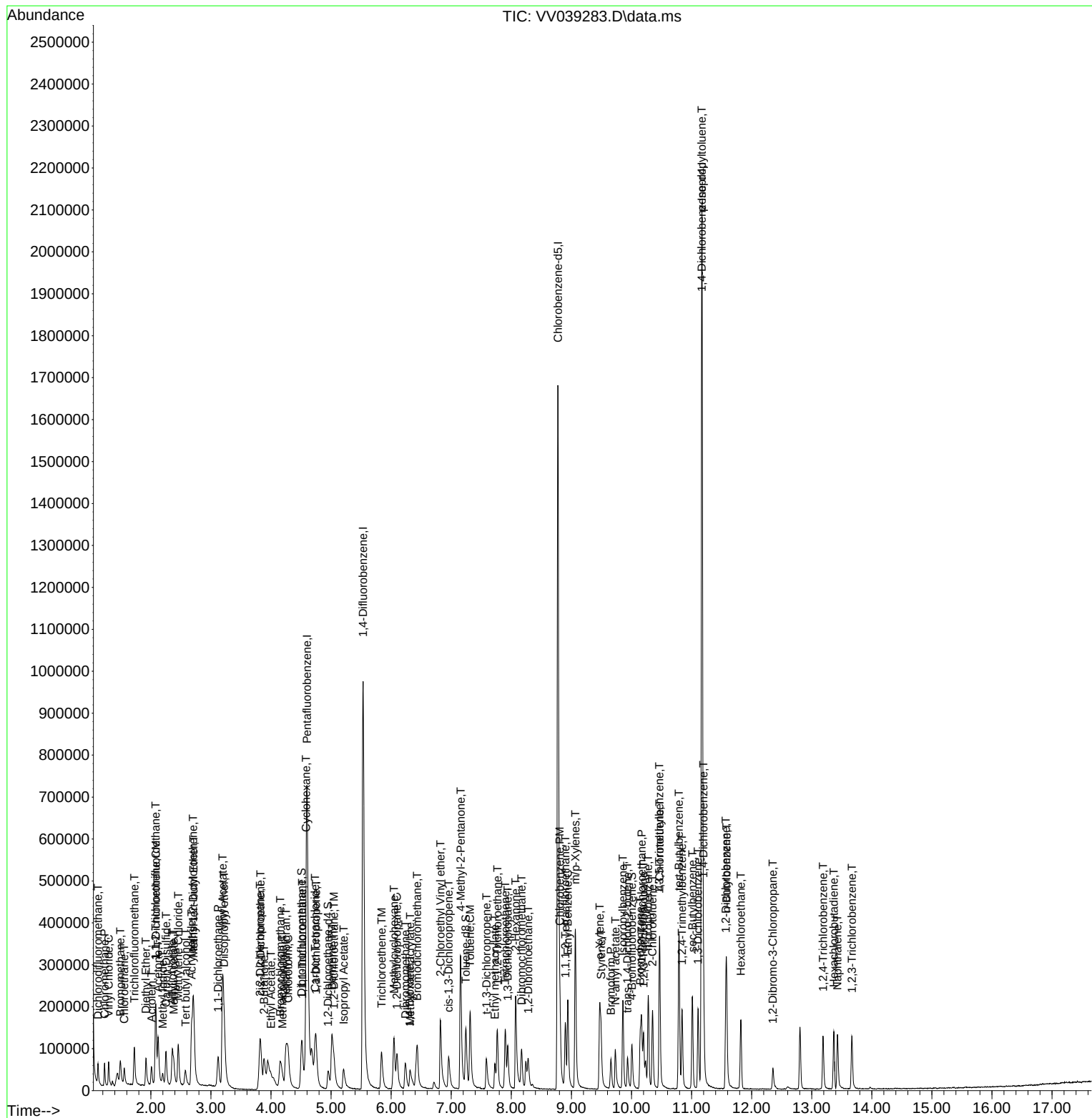
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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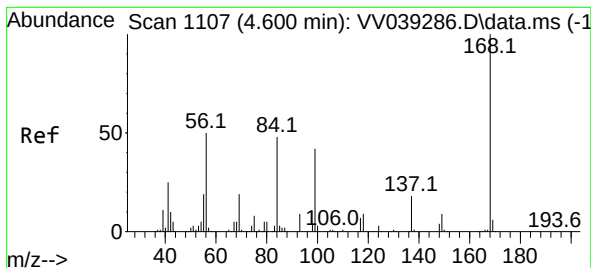
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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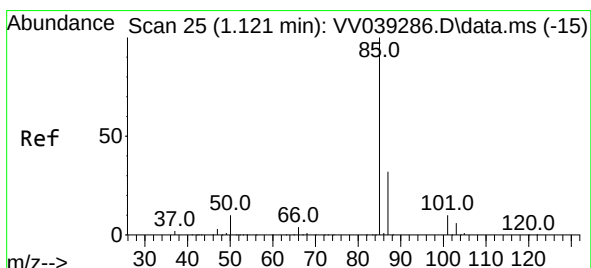
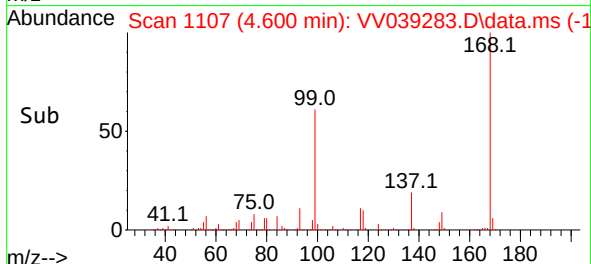
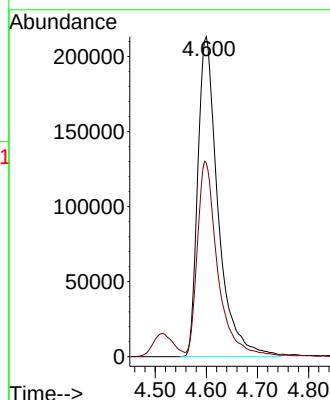
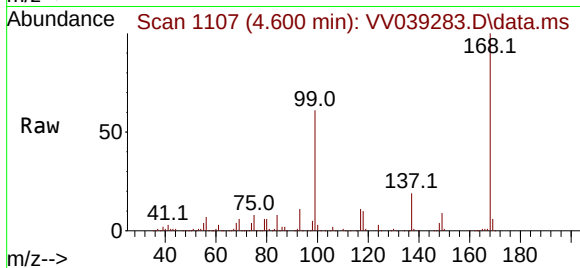




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
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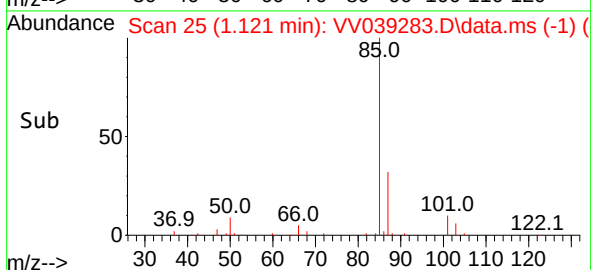
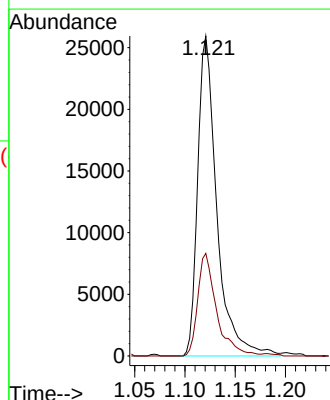
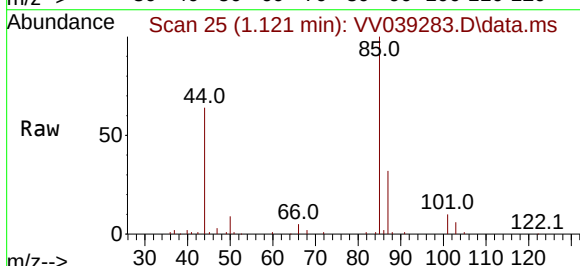
Instrument :
MSVOA_V
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VSTDICC005

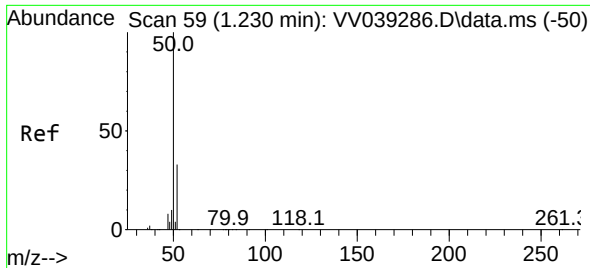
Tgt Ion:168 Resp: 588248
Ion Ratio Lower Upper
168 100
99 60.1 46.6 70.0



#2
Dichlorodifluoromethane
Concen: 4.617 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 85 Resp: 34330
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

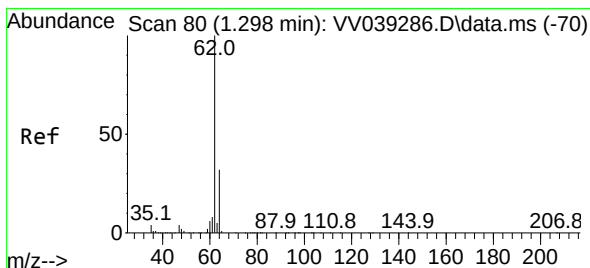
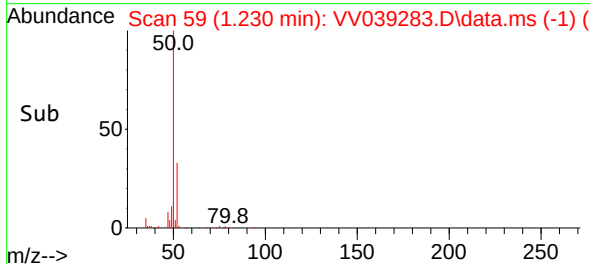
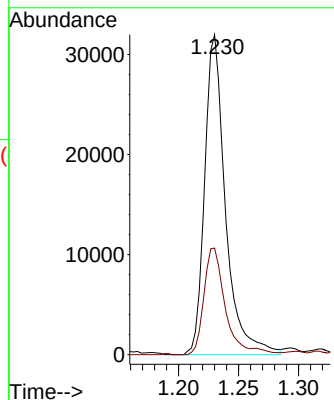
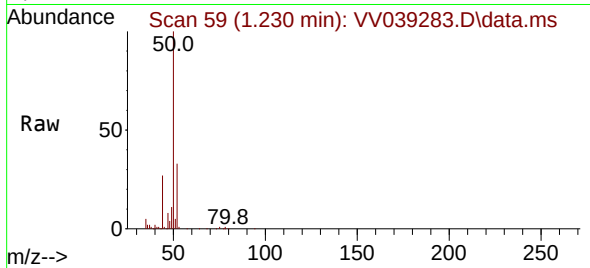




#3
Chloromethane
Concen: 5.005 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

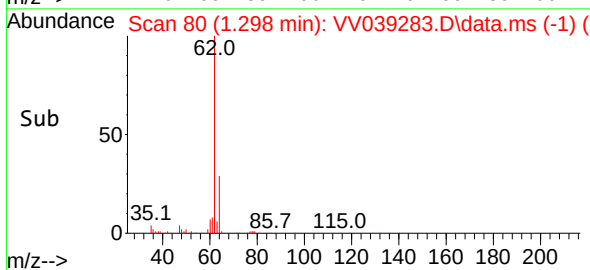
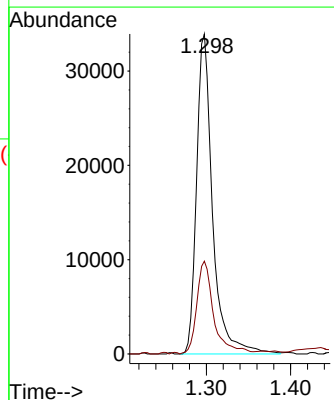
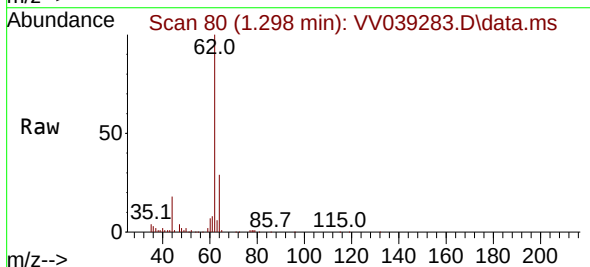
Instrument :
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ClientSampleId :
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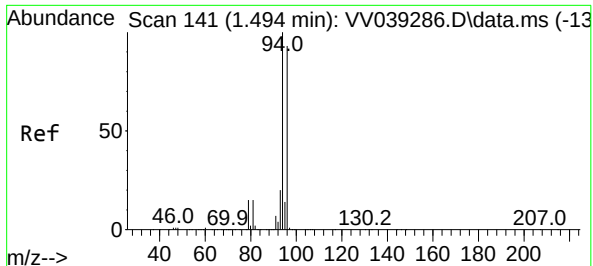
Tgt Ion: 50 Resp: 38742
Ion Ratio Lower Upper
50 100
52 33.3 26.6 39.8



#4
Vinyl Chloride
Concen: 5.068 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 62 Resp: 44755
Ion Ratio Lower Upper
62 100
64 29.0 25.8 38.6

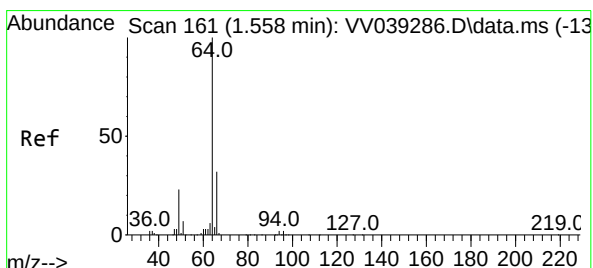
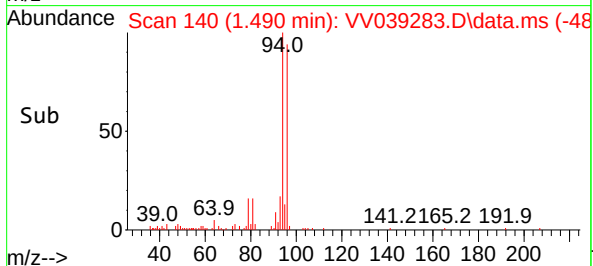
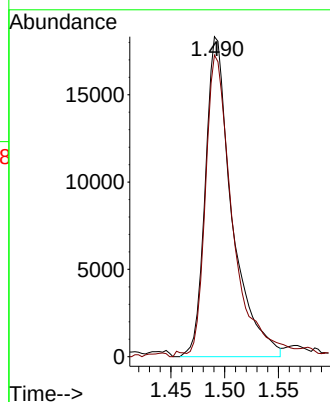
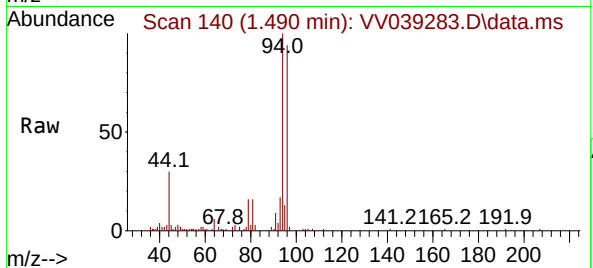




#5
Bromomethane
Concen: 5.531 ug/l
RT: 1.490 min Scan# 141
Delta R.T. -0.003 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

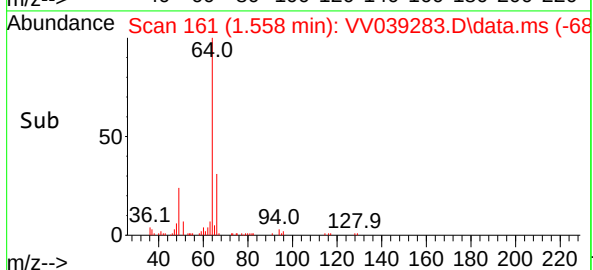
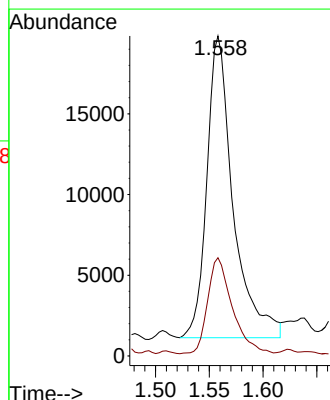
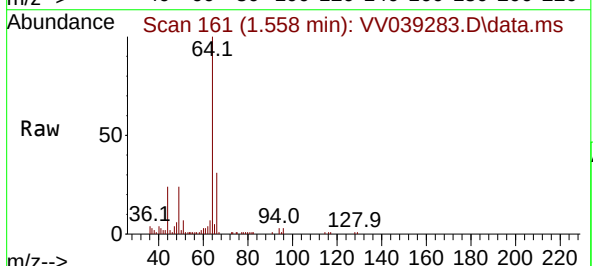
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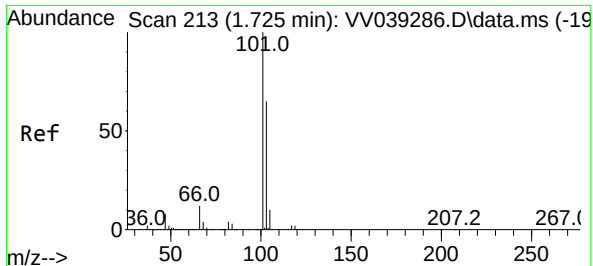
Tgt Ion: 94 Resp: 31690
Ion Ratio Lower Upper
94 100
96 93.0 74.2 111.2



#6
Chloroethane
Concen: 4.465 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 64 Resp: 31757
Ion Ratio Lower Upper
64 100
66 31.8 25.7 38.5

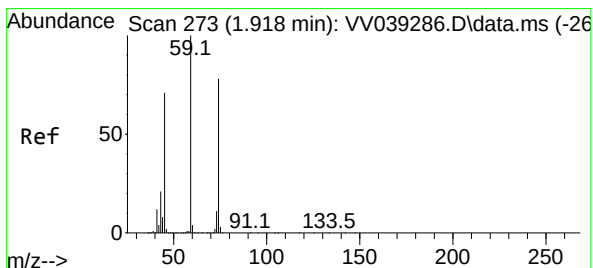
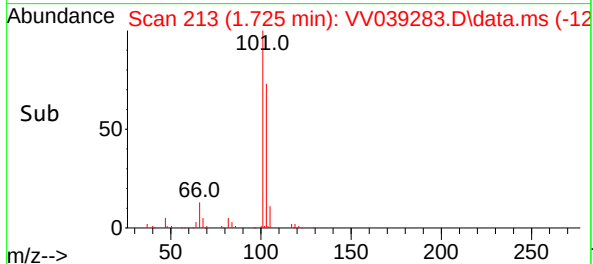
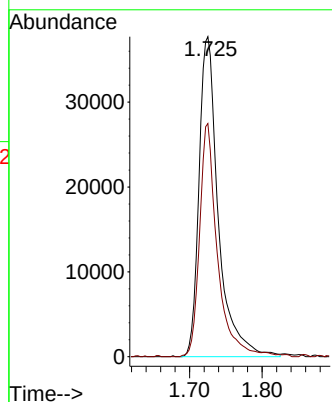
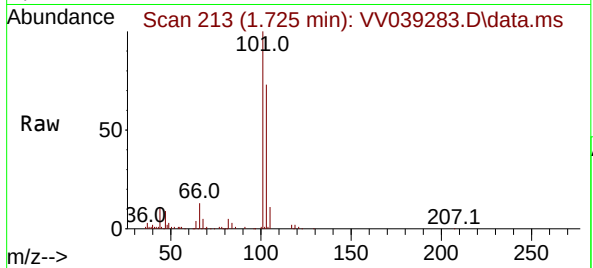




#7
 Trichlorofluoromethane
 Concen: 5.168 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039283.D
 Acq: 07 Oct 2025 10:03

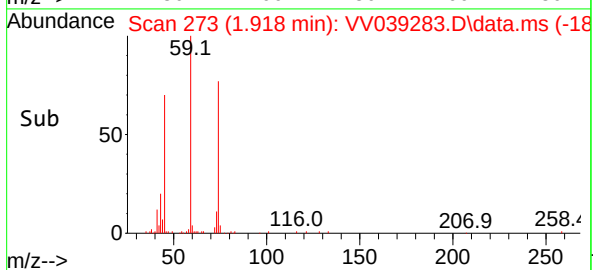
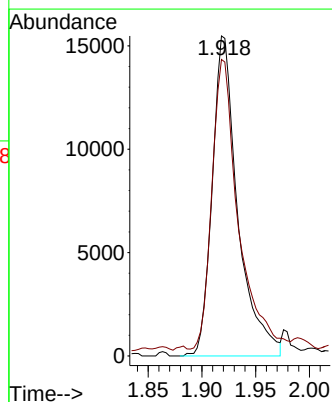
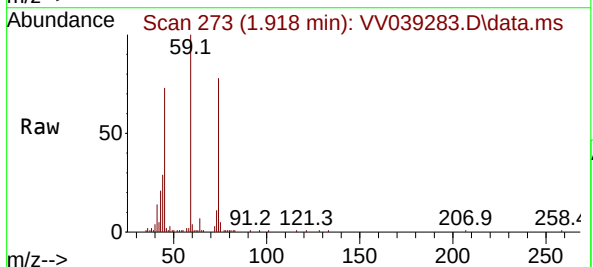
Instrument :
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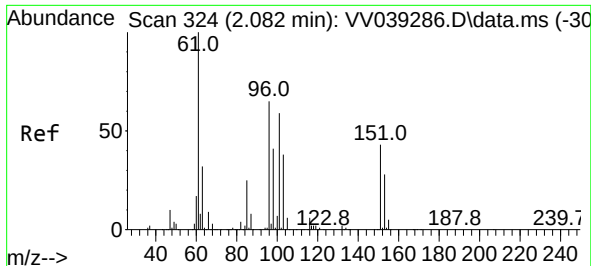
Tgt Ion:101 Resp: 69716
 Ion Ratio Lower Upper
 101 100
 103 72.9 52.0 78.0



#8
 Diethyl Ether
 Concen: 5.256 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039283.D
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Tgt Ion: 74 Resp: 25622
 Ion Ratio Lower Upper
 74 100
 45 93.5 45.9 137.7

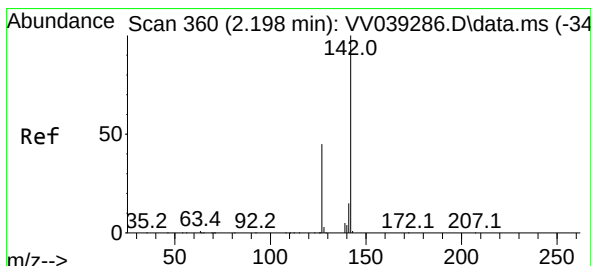
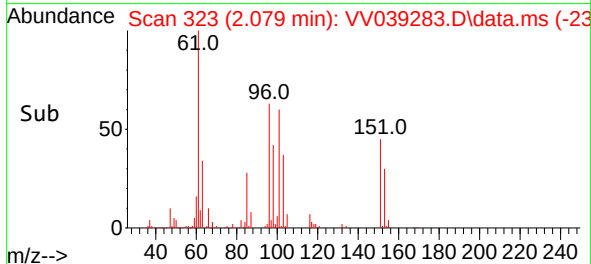
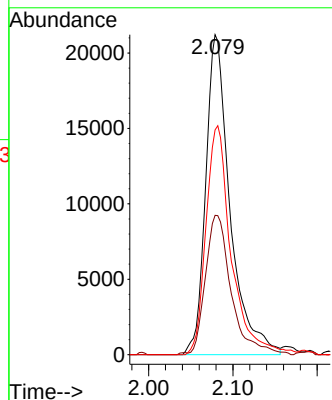
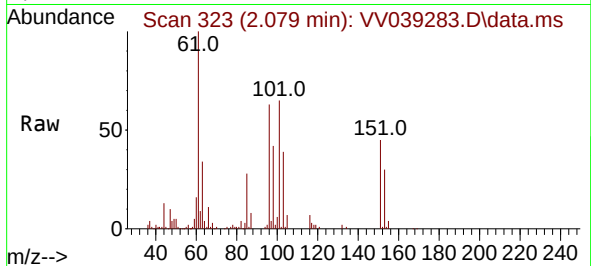




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.285 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

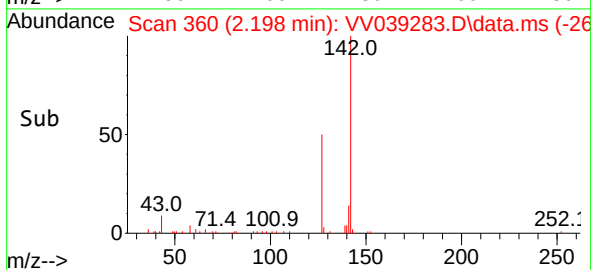
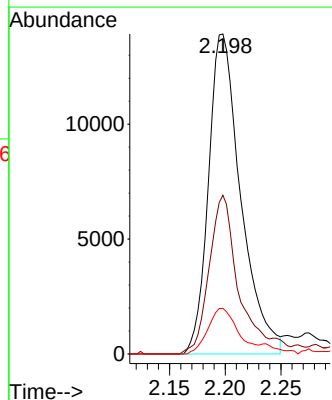
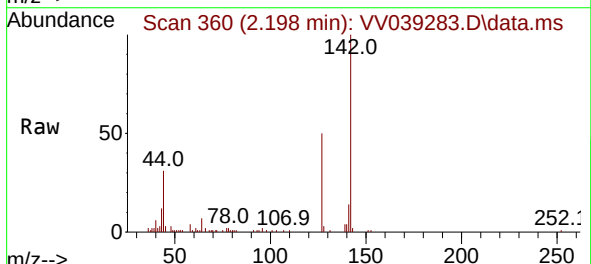
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

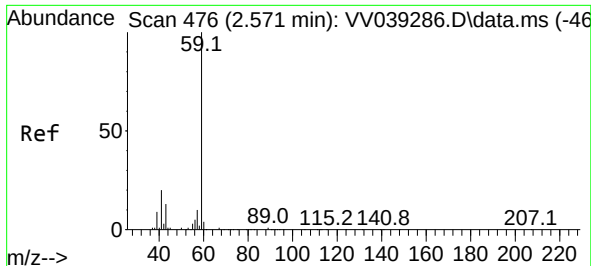
Tgt Ion:101 Resp: 42697
Ion Ratio Lower Upper
101 100
85 46.3 34.0 51.0
151 74.2 58.5 87.7



#10
Methyl Iodide
Concen: 4.040 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion:142 Resp: 28115
Ion Ratio Lower Upper
142 100
127 46.3 35.5 53.3
141 13.3 11.5 17.3

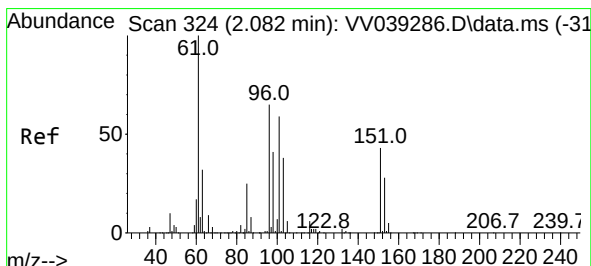
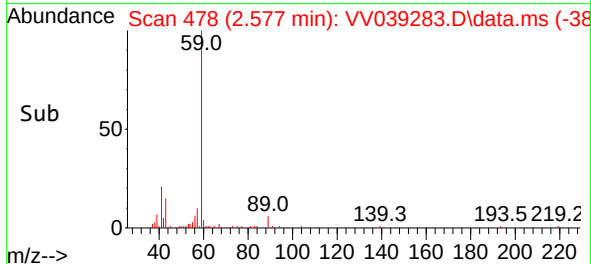
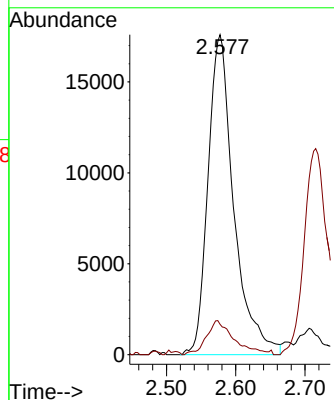
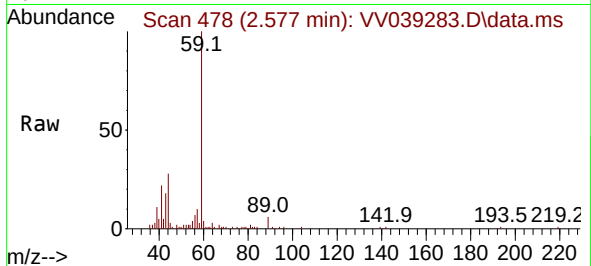




#11
Tert butyl alcohol
Concen: 28.061 ug/l
RT: 2.577 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

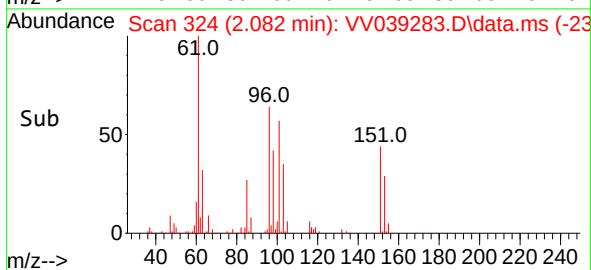
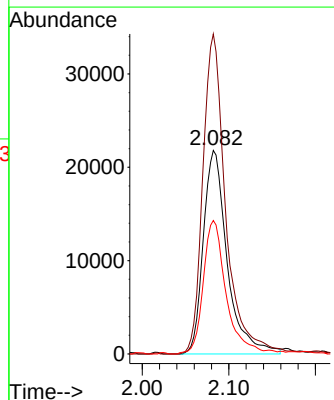
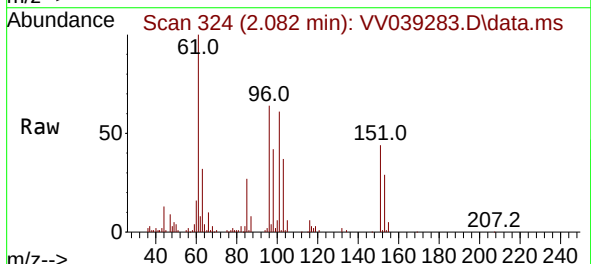
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

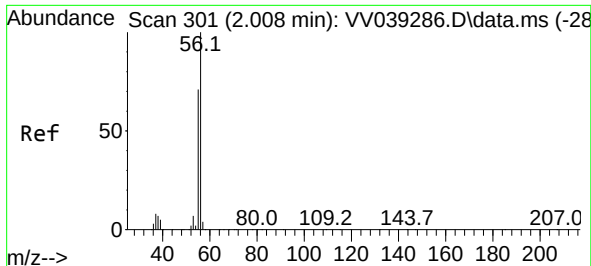
Tgt Ion: 59 Resp: 45455
Ion Ratio Lower Upper
59 100
57 11.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 5.287 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 96 Resp: 41934
Ion Ratio Lower Upper
96 100
61 157.2 123.6 185.4
98 64.9 51.1 76.7

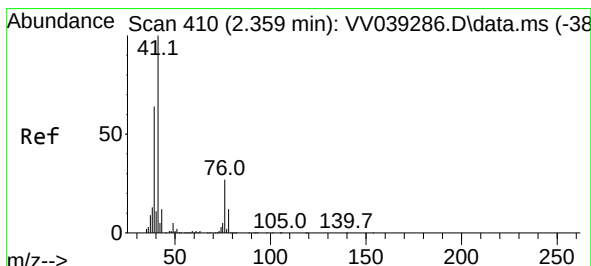
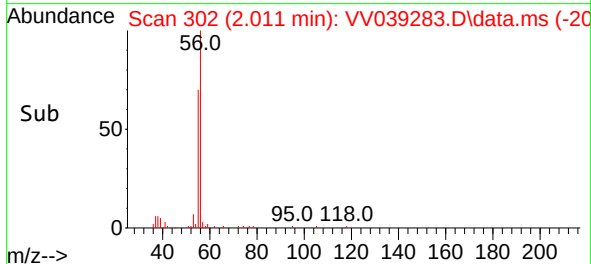
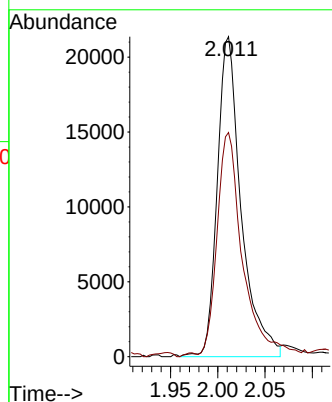
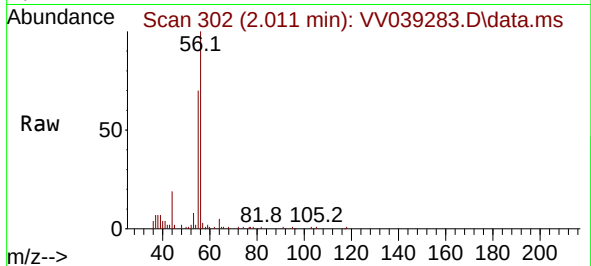




#13
Acrolein
Concen: 34.092 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

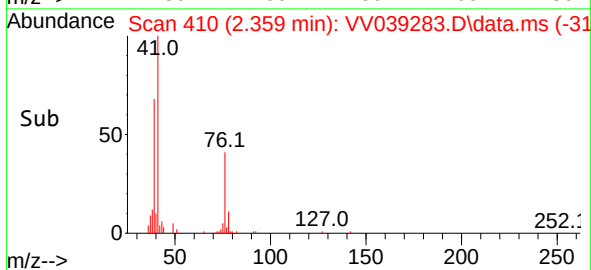
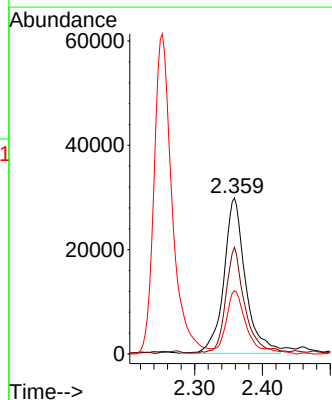
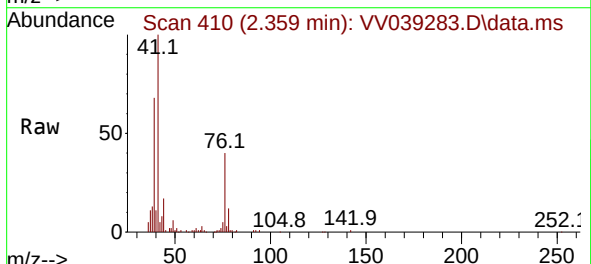
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

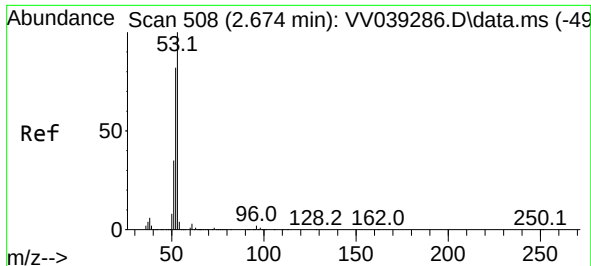
Tgt Ion: 56 Resp: 37550
Ion Ratio Lower Upper
56 100
55 72.4 56.2 84.4



#14
Allyl chloride
Concen: 5.247 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 41 Resp: 65980
Ion Ratio Lower Upper
41 100
39 58.2 47.8 71.6
76 38.3 30.2 45.2

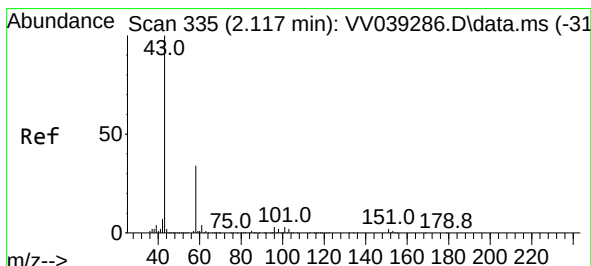
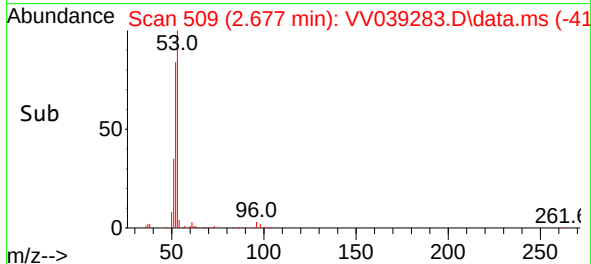
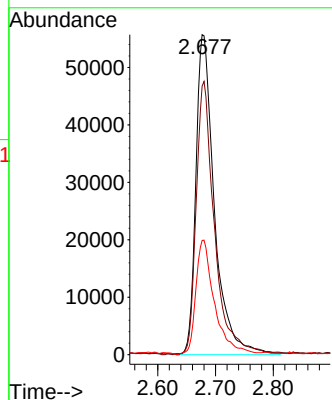
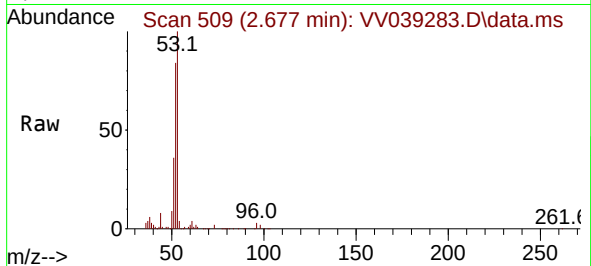




#15
Acrylonitrile
Concen: 25.920 ug/l
RT: 2.677 min Scan# 508
Delta R.T. 0.003 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

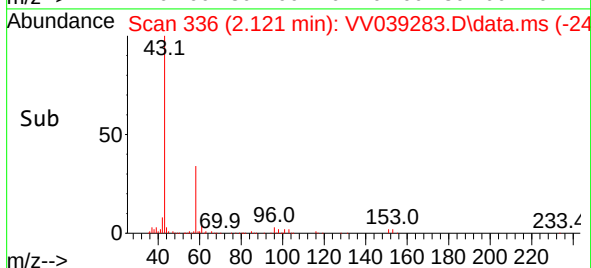
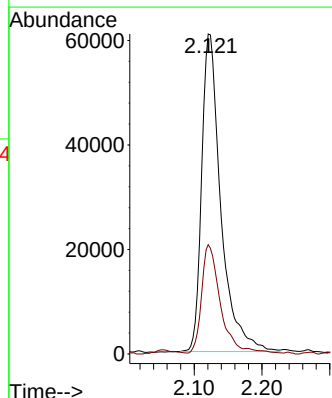
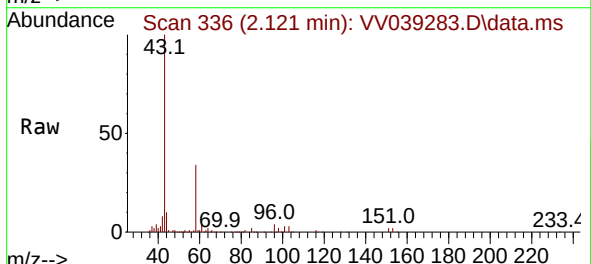
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

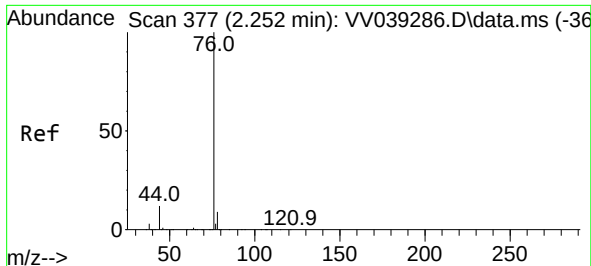
Tgt Ion: 53 Resp: 124516
Ion Ratio Lower Upper
53 100
52 84.3 65.0 97.6
51 36.2 27.9 41.9



#16
Acetone
Concen: 21.363 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 43 Resp: 119529
Ion Ratio Lower Upper
43 100
58 34.1 27.5 41.3

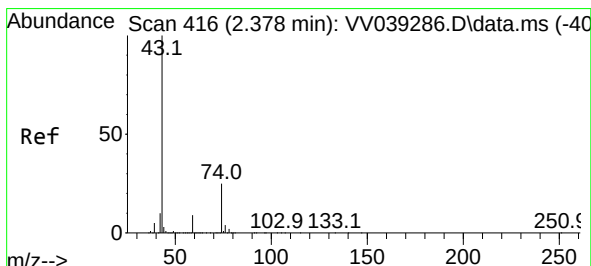
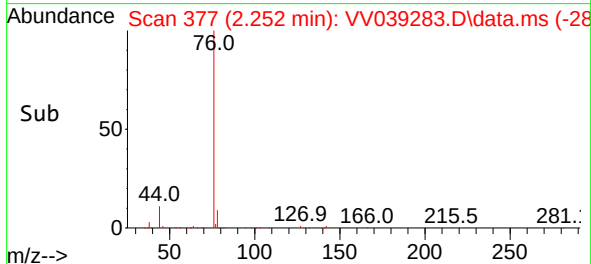
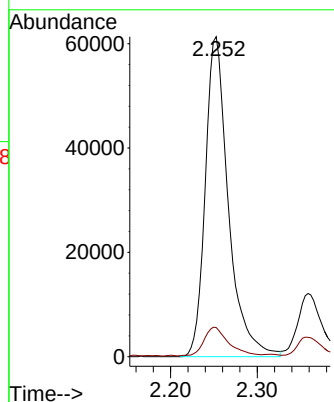
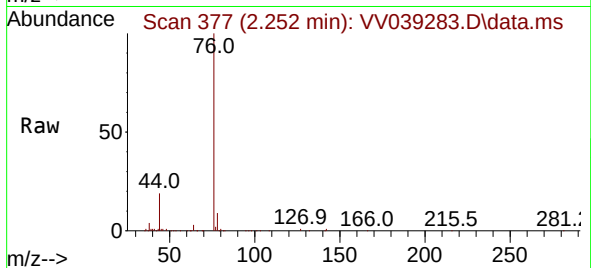




#17
Carbon Disulfide
Concen: 5.077 ug/l
RT: 2.252 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

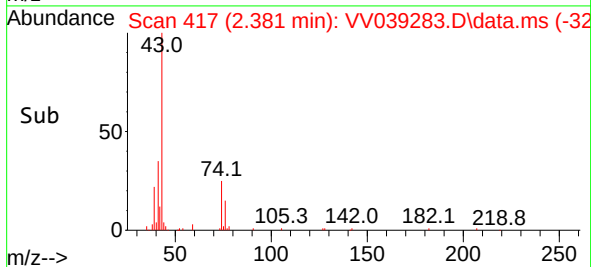
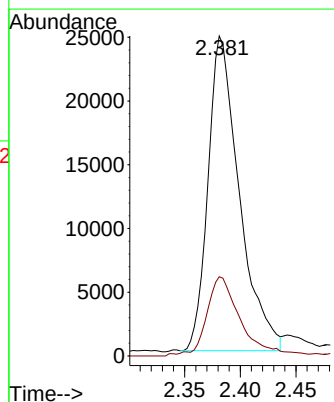
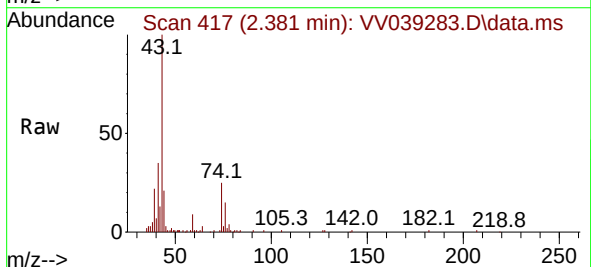
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

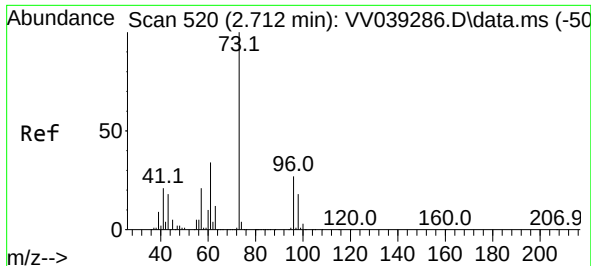
Tgt Ion: 76 Resp: 113750
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 4.445 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 43 Resp: 48140
Ion Ratio Lower Upper
43 100
74 27.2 19.5 29.3

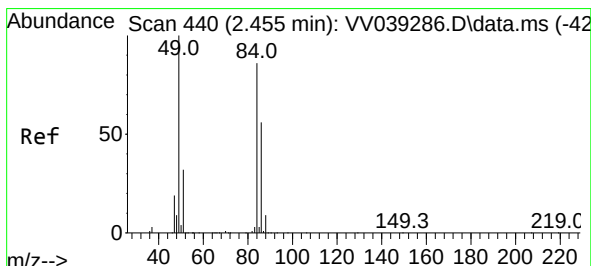
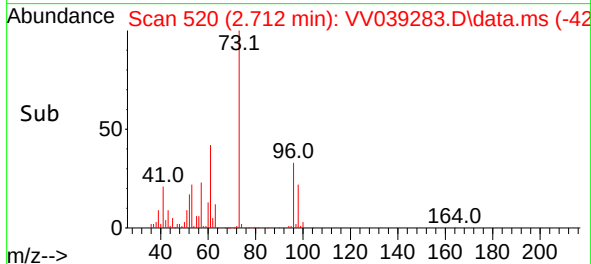
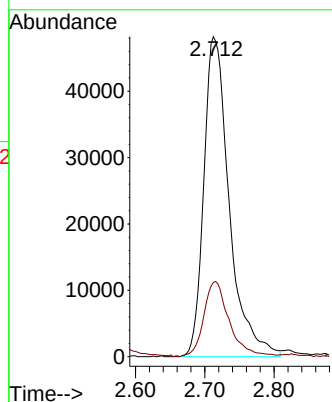
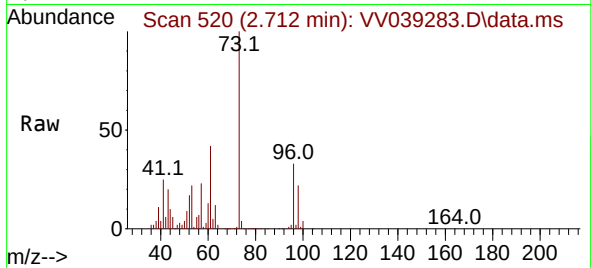




#19
Methyl tert-butyl Ether
Concen: 5.143 ug/l
RT: 2.712 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

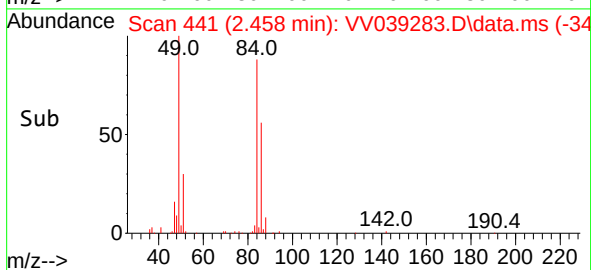
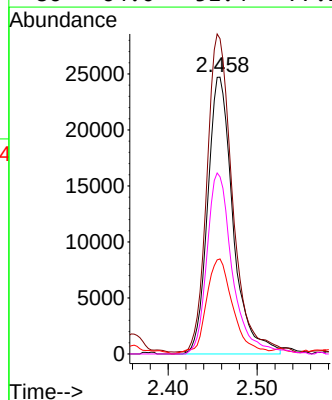
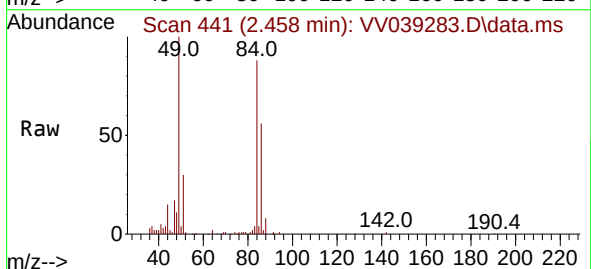
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

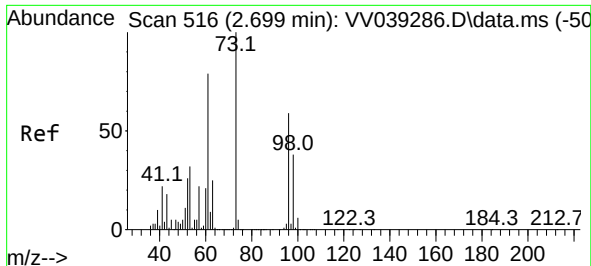
Tgt Ion: 73 Resp: 122790
Ion Ratio Lower Upper
73 100
57 23.2 17.0 25.6



#20
Methylene Chloride
Concen: 4.579 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 84 Resp: 48899
Ion Ratio Lower Upper
84 100
49 113.0 92.6 139.0
51 33.8 29.6 44.4
86 64.0 51.4 77.2

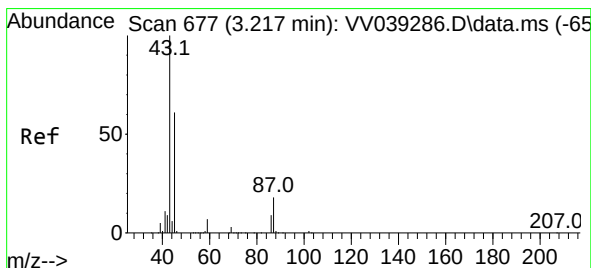
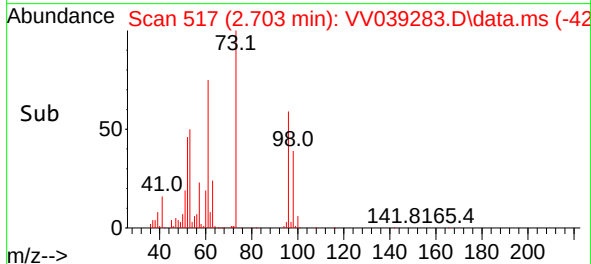
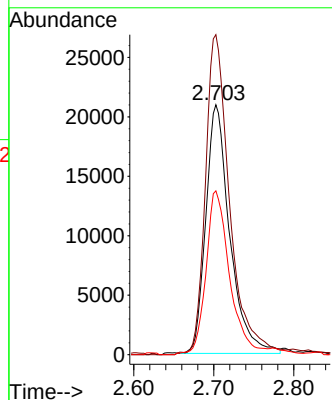
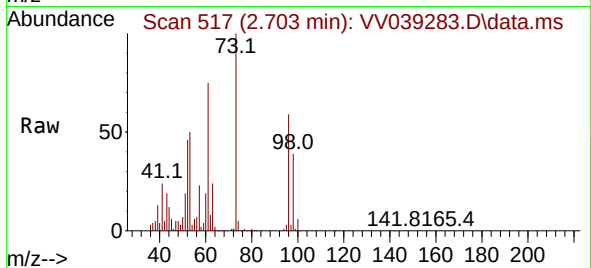




#21
trans-1,2-Dichloroethene
Concen: 5.229 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

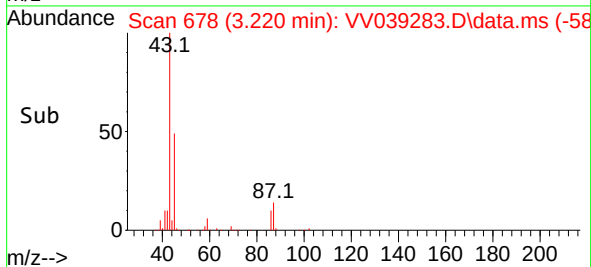
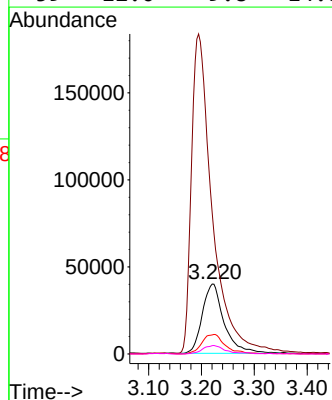
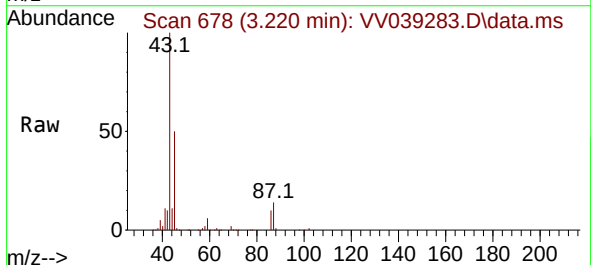
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

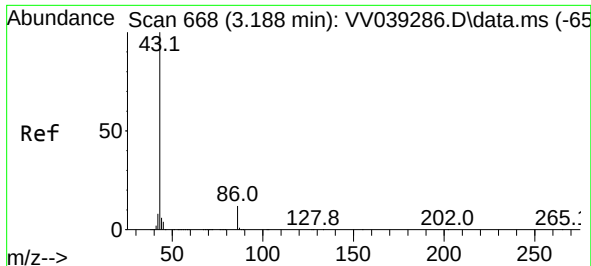
Tgt Ion: 96 Resp: 43669
Ion Ratio Lower Upper
96 100
61 127.6 106.8 160.2
98 65.2 51.1 76.7



#22
Diisopropyl ether
Concen: 5.041 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.003 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 45 Resp: 113802
Ion Ratio Lower Upper
45 100
43 202.3 130.8 196.2#
87 27.5 23.8 35.8
59 12.0 9.8 14.8

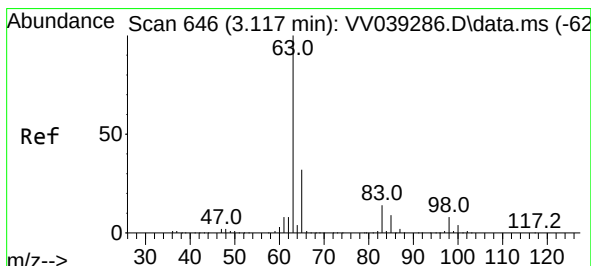
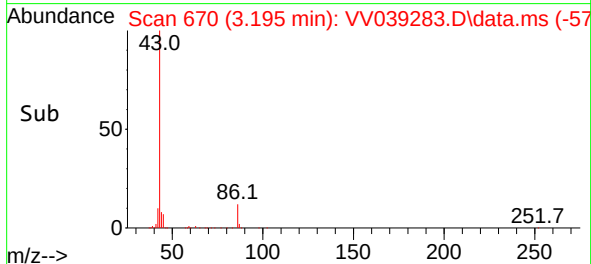
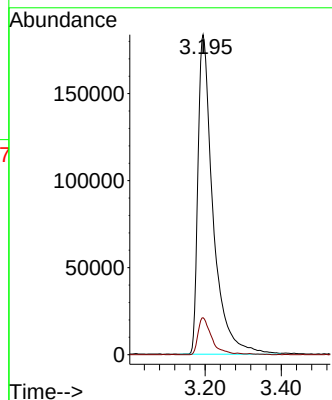
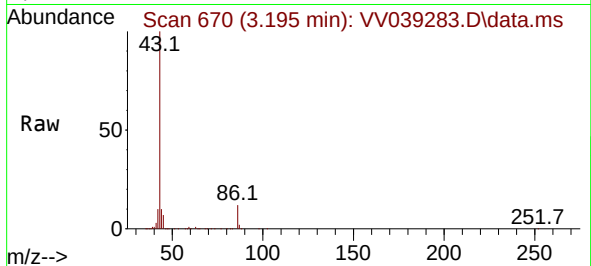




#23
 Vinyl Acetate
 Concen: 25.566 ug/l
 RT: 3.195 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VV039283.D
 Acq: 07 Oct 2025 10:03

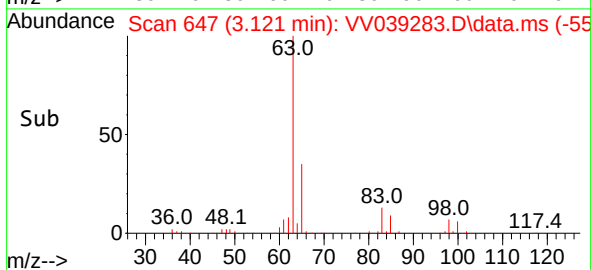
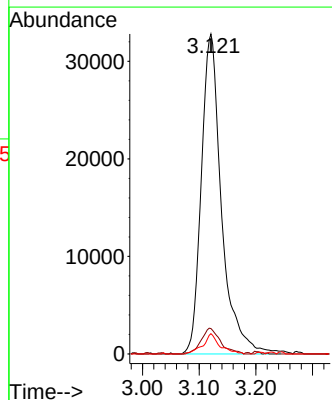
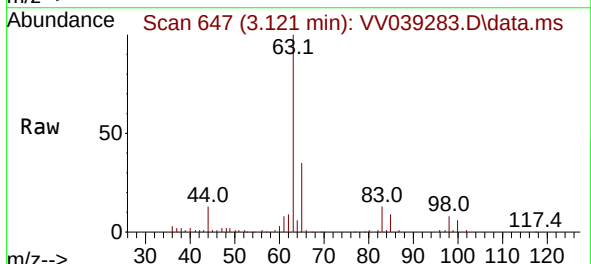
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

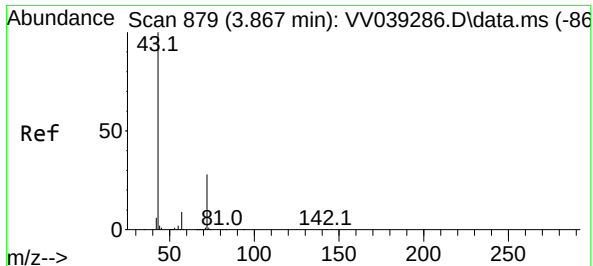
Tgt Ion: 43 Resp: 506675
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 5.383 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV039283.D
 Acq: 07 Oct 2025 10:03

Tgt Ion: 63 Resp: 81412
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.0
 100 6.4 2.3 6.8





#25

2-Butanone

Concen: 23.338 ug/l

RT: 3.886 min Scan# 81

Delta R.T. 0.019 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

Instrument :

MSVOA_V

ClientSampleId :

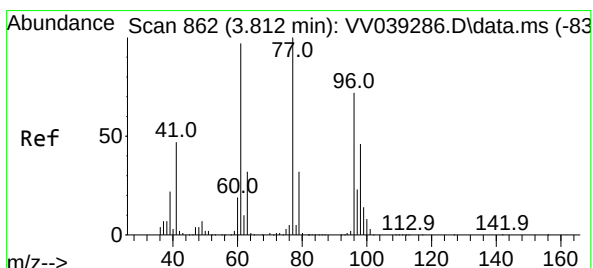
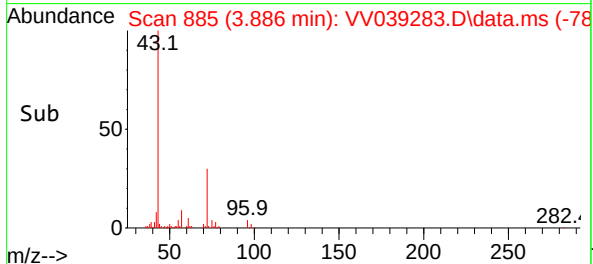
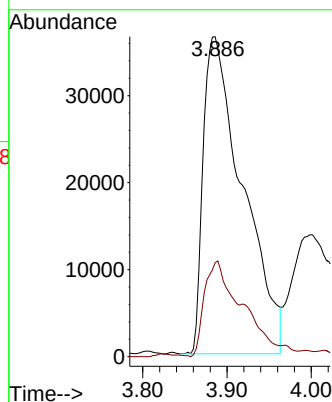
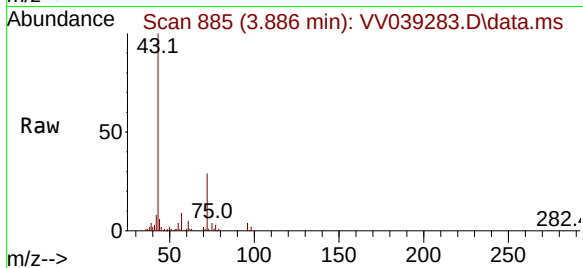
VSTDICC005

Tgt Ion: 43 Resp: 118955

Ion Ratio Lower Upper

43 100

72 29.1 22.6 34.0



#26

2,2-Dichloropropane

Concen: 5.032 ug/l

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV039283.D

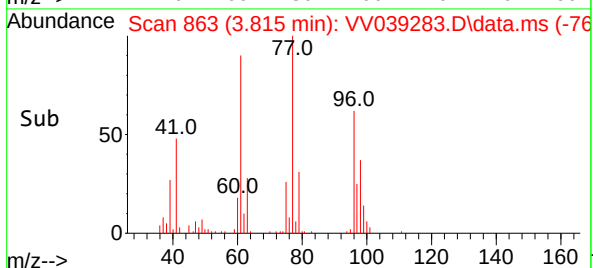
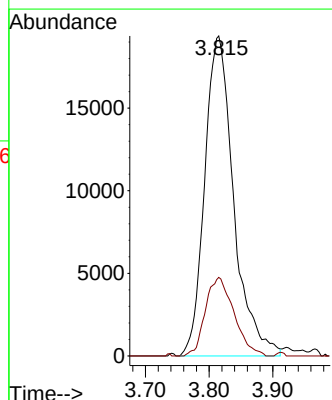
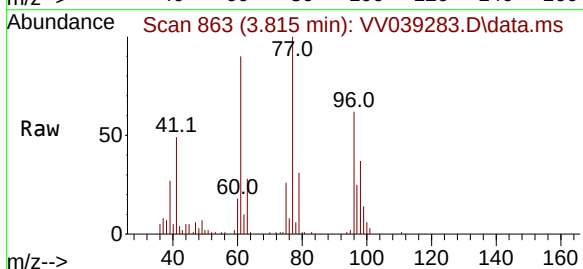
Acq: 07 Oct 2025 10:03

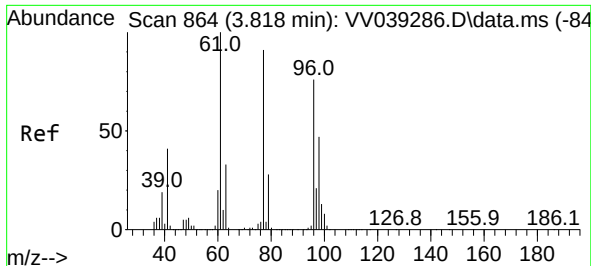
Tgt Ion: 77 Resp: 61297

Ion Ratio Lower Upper

77 100

97 24.2 11.6 34.8



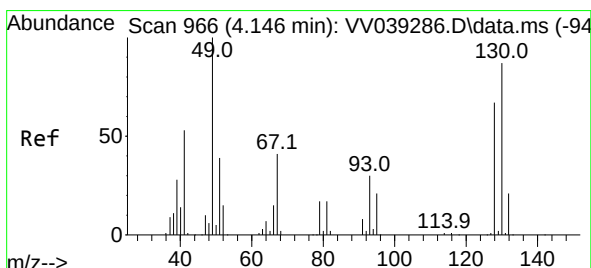
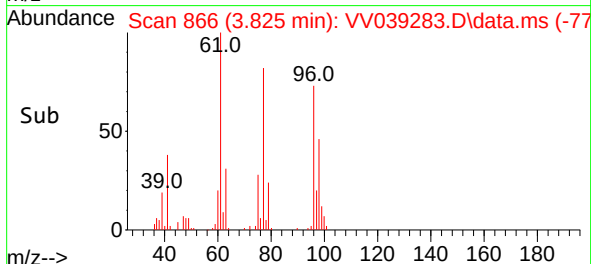
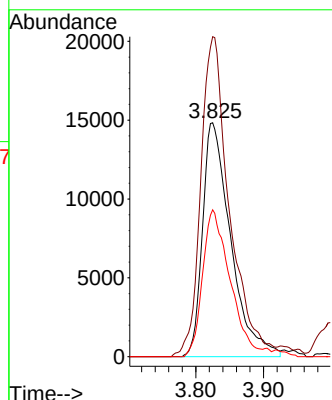
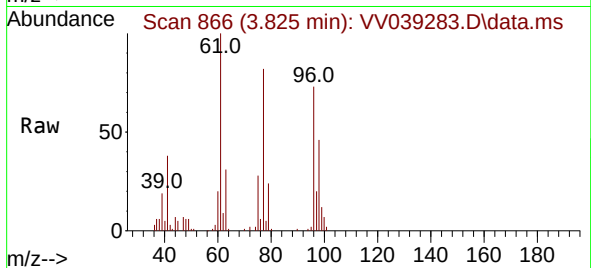


#27
 cis-1,2-Dichloroethene
 Concen: 5.113 ug/l
 RT: 3.825 min Scan# 866
 Delta R.T. 0.006 min
 Lab File: VV039283.D
 Acq: 07 Oct 2025 10:03

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 42753

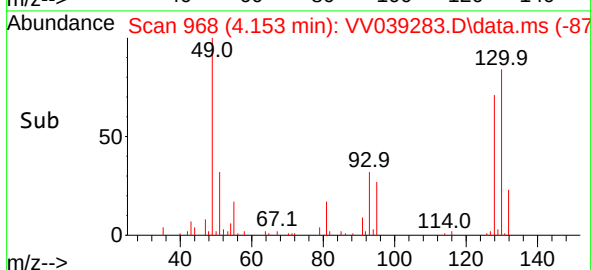
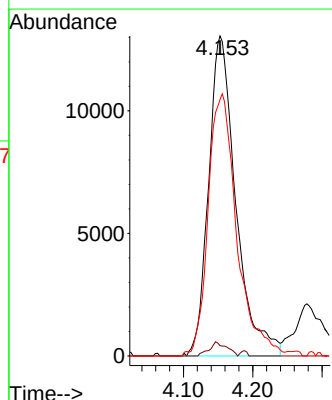
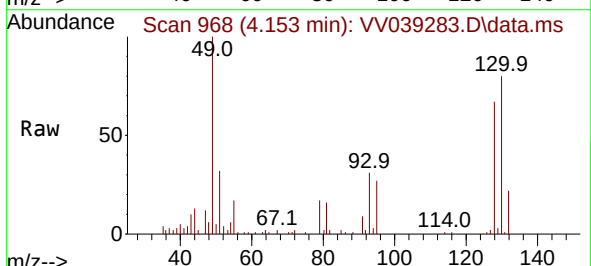
Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	275.0
98	61.1	0.0	127.8

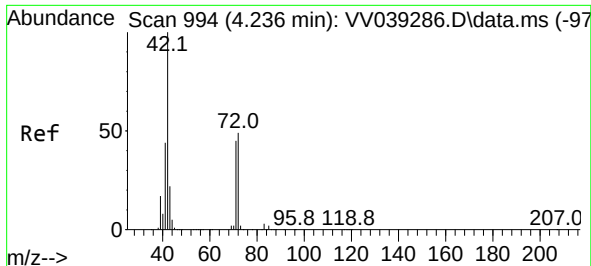


#28
 Bromochloromethane
 Concen: 5.396 ug/l
 RT: 4.153 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VV039283.D
 Acq: 07 Oct 2025 10:03

Tgt Ion: 49 Resp: 35668

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.8
130	85.9	69.5	104.3

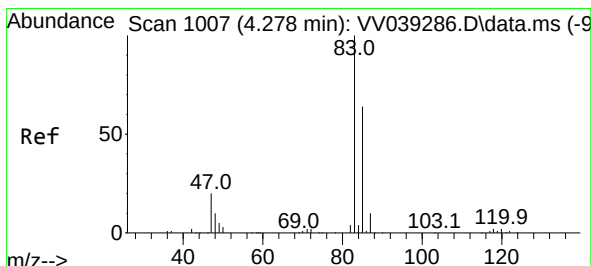
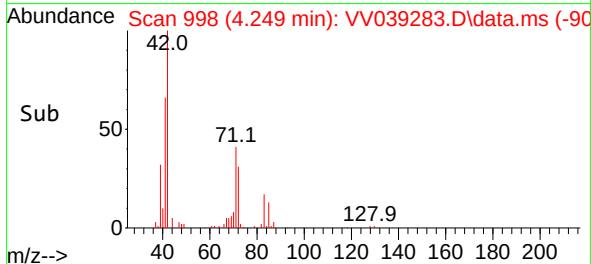
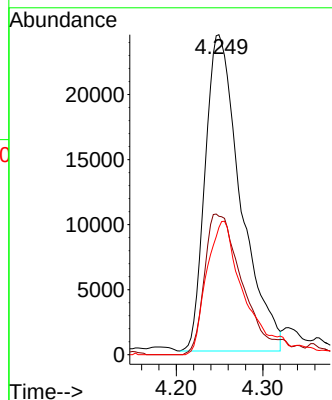
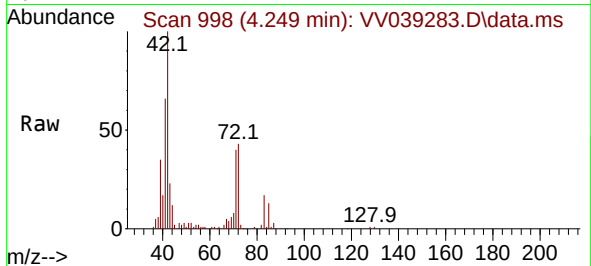




#29
Tetrahydrofuran
Concen: 21.221 ug/l
RT: 4.249 min Scan# 994
Delta R.T. 0.013 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

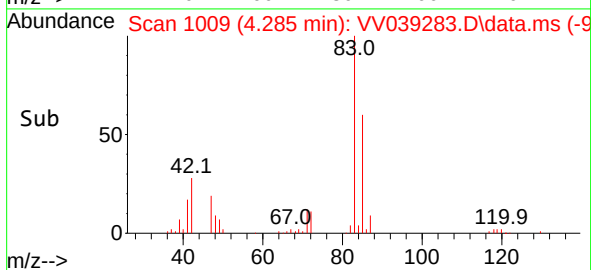
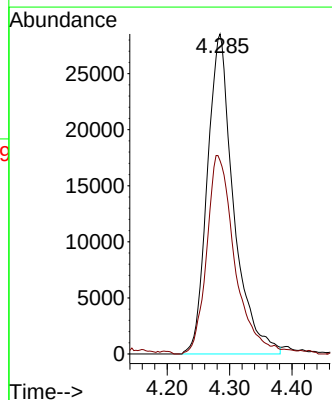
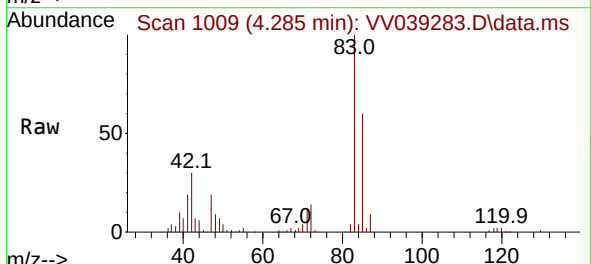
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

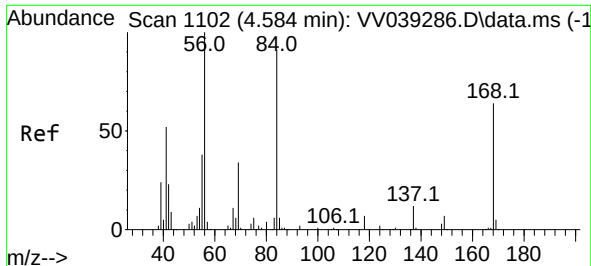
Tgt Ion: 42 Resp: 69338
Ion Ratio Lower Upper
42 100
72 48.1 39.8 59.8
71 44.3 36.5 54.7



#30
Chloroform
Concen: 5.406 ug/l
RT: 4.285 min Scan# 1009
Delta R.T. 0.006 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 83 Resp: 83381
Ion Ratio Lower Upper
83 100
85 60.4 51.1 76.7

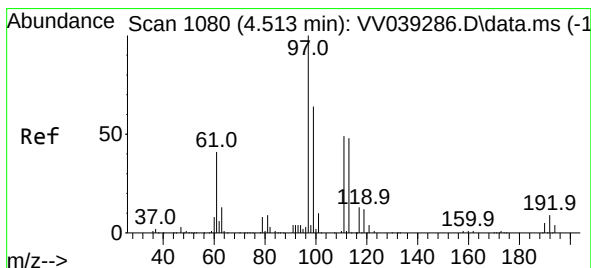
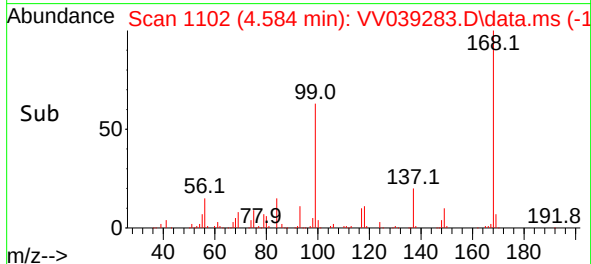
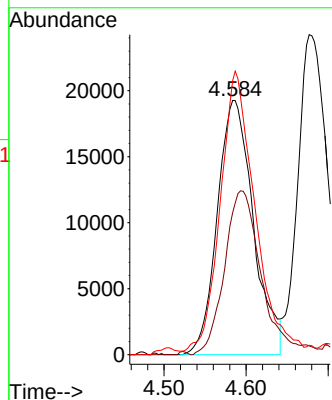
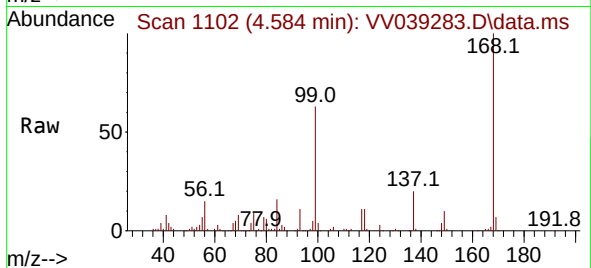




#31
Cyclohexane
Concen: 5.337 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

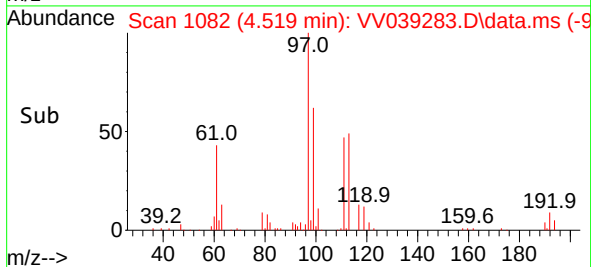
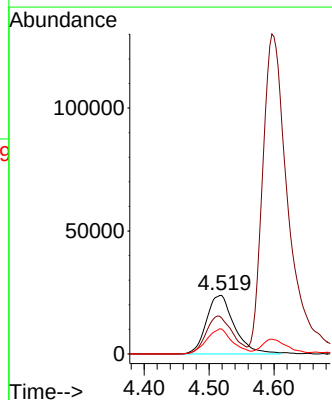
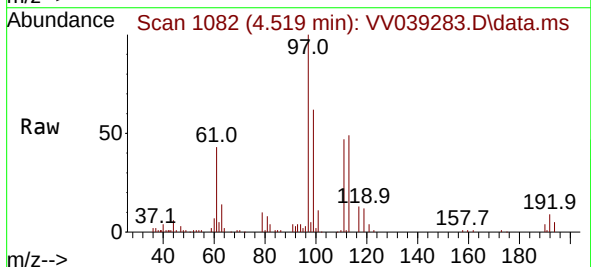
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

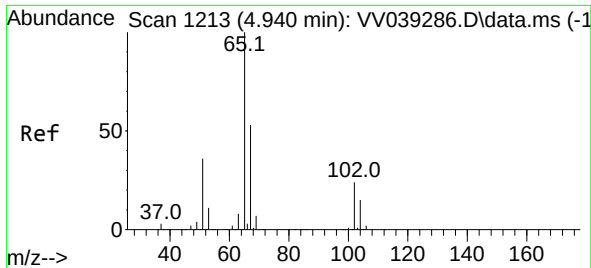
Tgt Ion: 56 Resp: 58787
Ion Ratio Lower Upper
56 100
69 54.9 27.4 41.0#
84 106.5 72.8 109.2



#32
1,1,1-Trichloroethane
Concen: 5.288 ug/l
RT: 4.519 min Scan# 1082
Delta R.T. 0.006 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 97 Resp: 71313
Ion Ratio Lower Upper
97 100
99 60.7 48.6 72.8
61 39.8 31.8 47.8

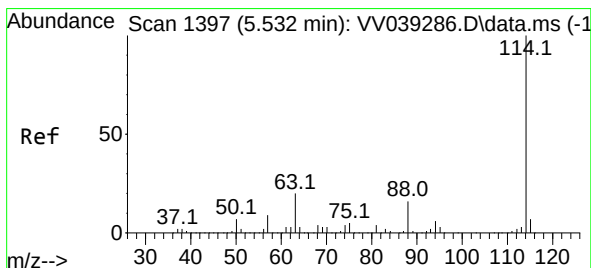
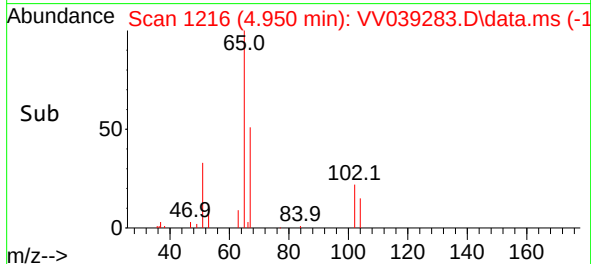
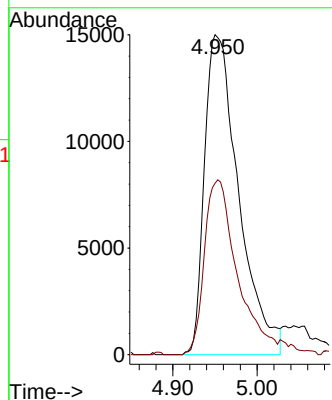
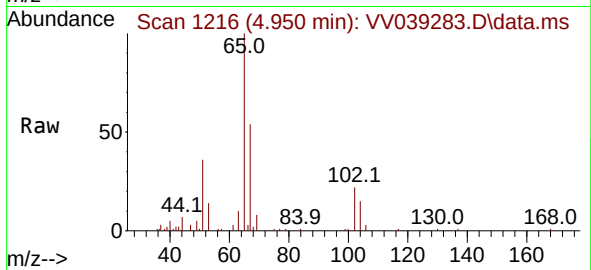




#33
 1,2-Dichloroethane-d4
 Concen: 5.069 ug/l
 RT: 4.950 min Scan# 1213
 Delta R.T. 0.010 min
 Lab File: VV039283.D
 Acq: 07 Oct 2025 10:03

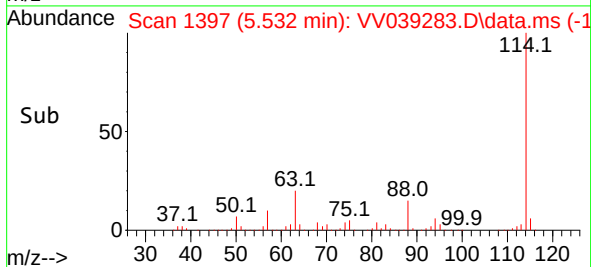
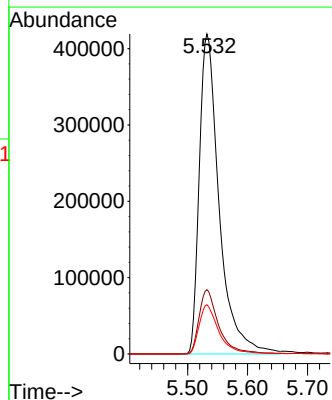
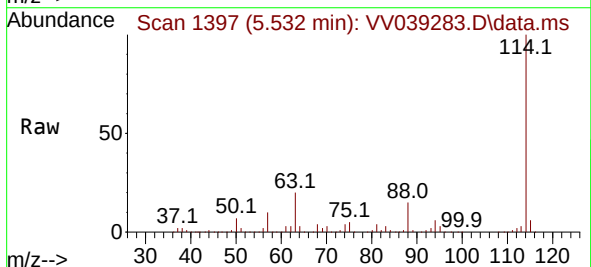
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

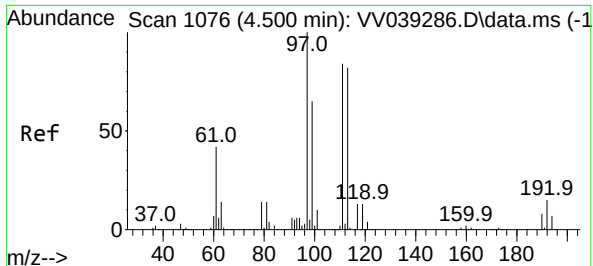
Tgt Ion: 65 Resp: 42369
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.532 min Scan# 1397
 Delta R.T. 0.000 min
 Lab File: VV039283.D
 Acq: 07 Oct 2025 10:03

Tgt Ion: 114 Resp: 967612
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 15.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 4.966 ug/l

RT: 4.510 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

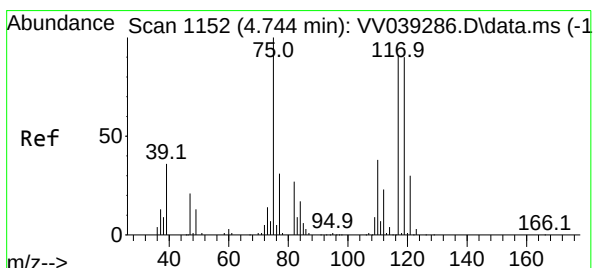
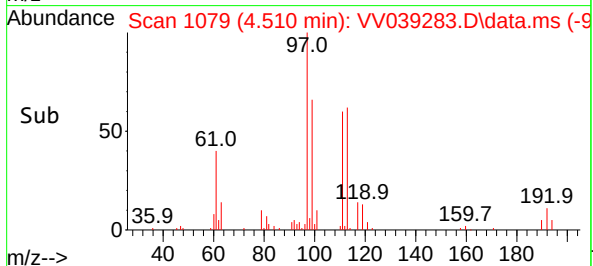
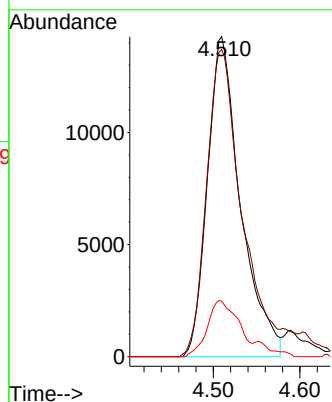
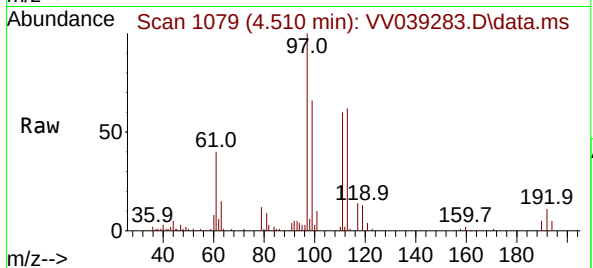
Tgt Ion:113 Resp: 37861

Ion Ratio Lower Upper

113 100

111 104.9 82.0 123.0

192 16.4 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.822 ug/l

RT: 4.751 min Scan# 1154

Delta R.T. 0.006 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

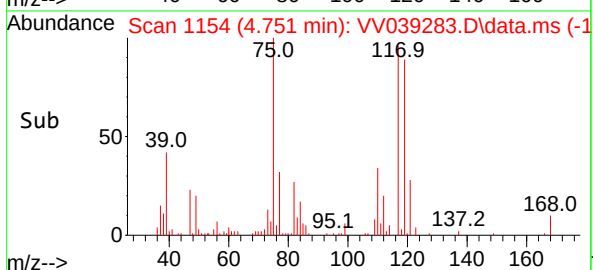
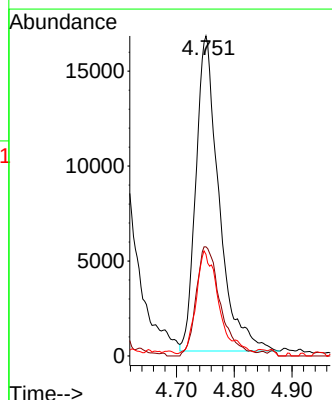
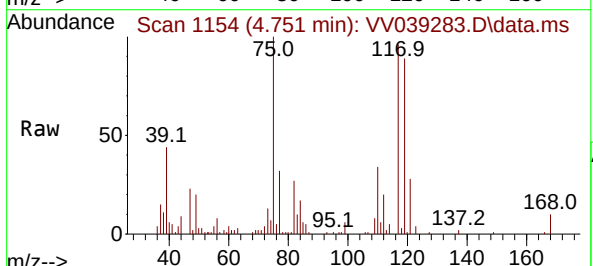
Tgt Ion: 75 Resp: 46175

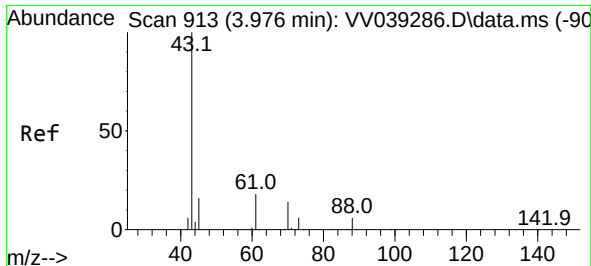
Ion Ratio Lower Upper

75 100

110 36.3 18.9 56.7

77 31.5 24.1 36.1

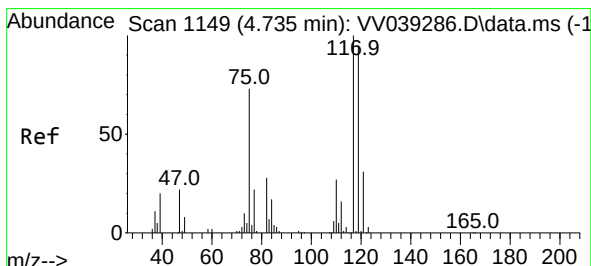
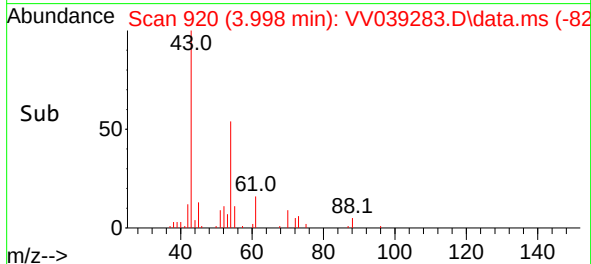
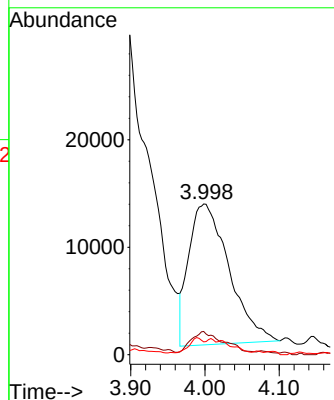
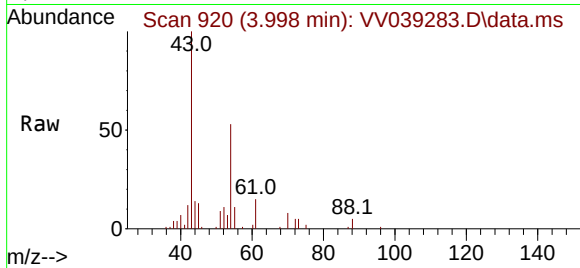




#37
Ethyl Acetate
Concen: 4.417 ug/l
RT: 3.998 min Scan# 913
Delta R.T. 0.023 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

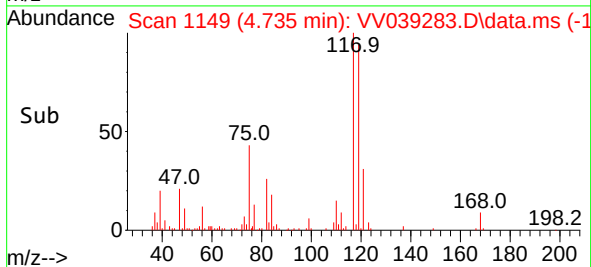
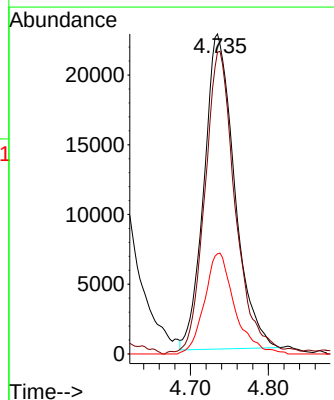
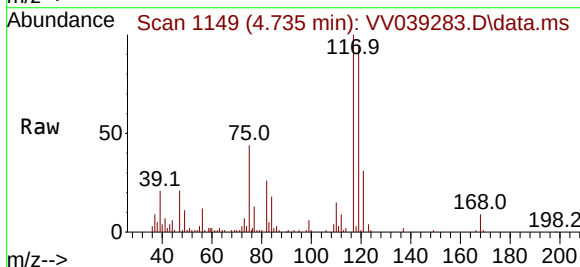
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

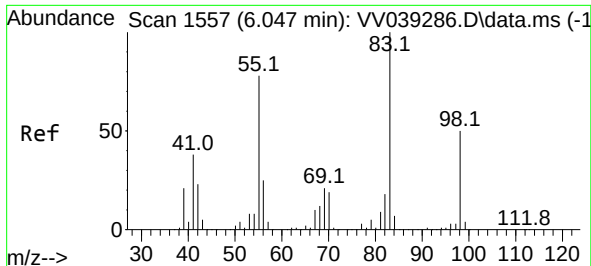
Tgt Ion: 43 Resp: 49356
Ion Ratio Lower Upper
43 100
61 11.2 12.2 18.2#
70 3.5 9.0 13.4#



#38
Carbon Tetrachloride
Concen: 5.062 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 117 Resp: 61436
Ion Ratio Lower Upper
117 100
119 94.8 75.9 113.9
121 31.4 24.6 37.0





#39

Methylcyclohexane

Concen: 4.432 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

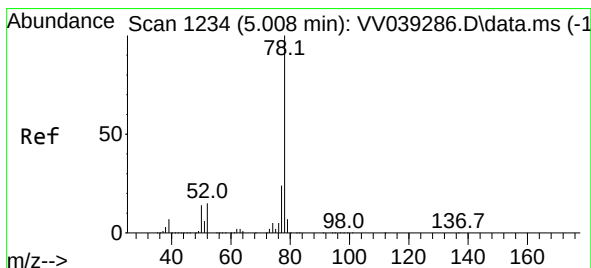
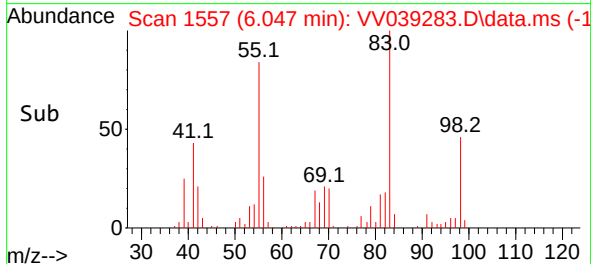
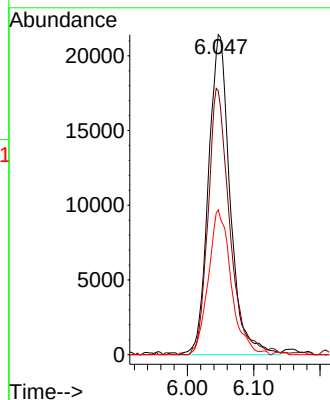
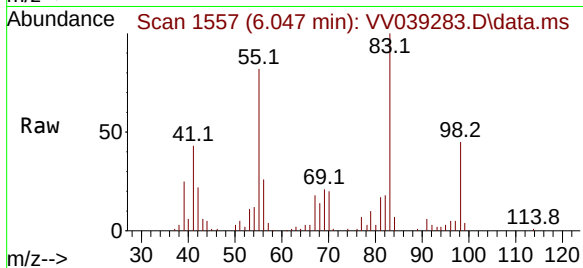
Tgt Ion: 83 Resp: 48503

Ion Ratio Lower Upper

83 100

55 82.4 62.1 93.1

98 44.7 40.2 60.4



#40

Benzene

Concen: 5.051 ug/l

RT: 5.014 min Scan# 1236

Delta R.T. 0.006 min

Lab File: VV039283.D

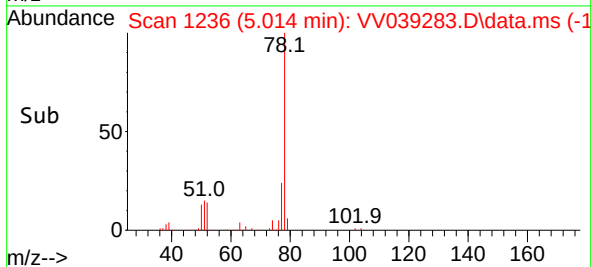
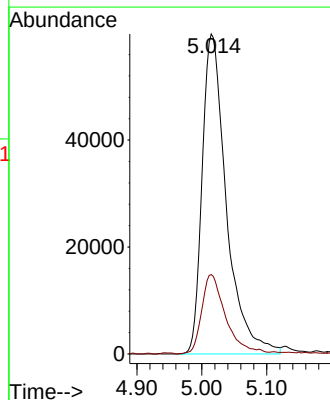
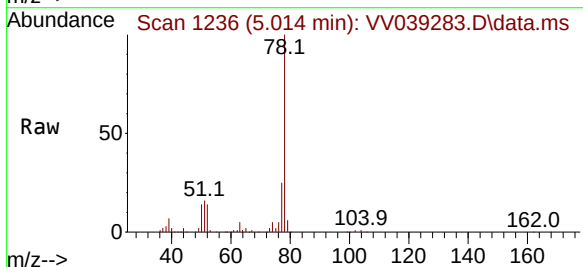
Acq: 07 Oct 2025 10:03

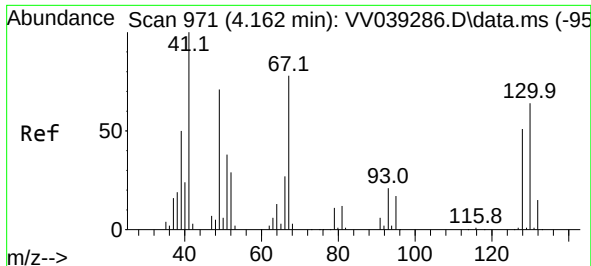
Tgt Ion: 78 Resp: 155202

Ion Ratio Lower Upper

78 100

77 24.6 18.9 28.3



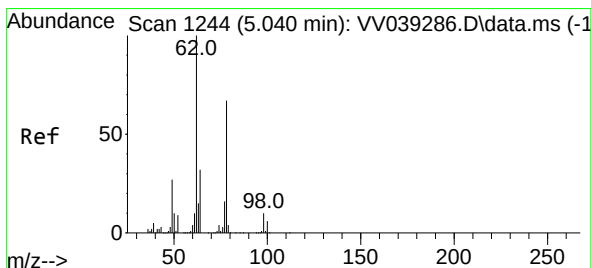
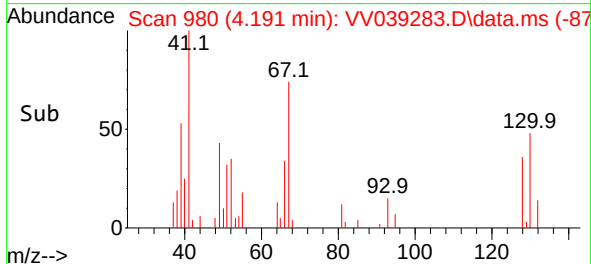
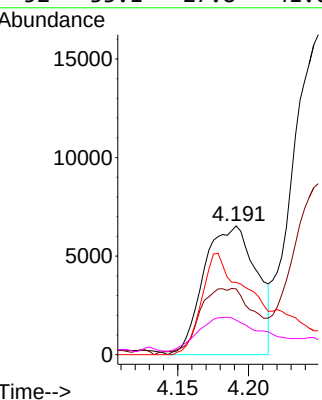
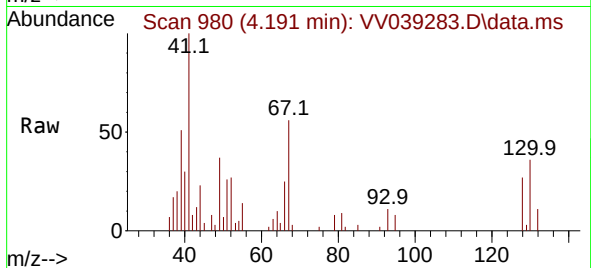


#41
Methacrylonitrile
Concen: 5.092 ug/l
RT: 4.191 min Scan# 91
Delta R.T. 0.029 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 16876

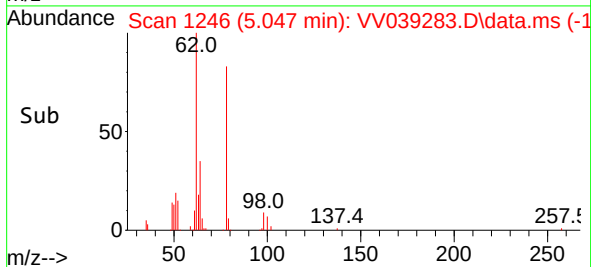
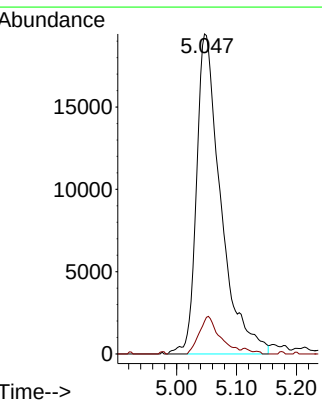
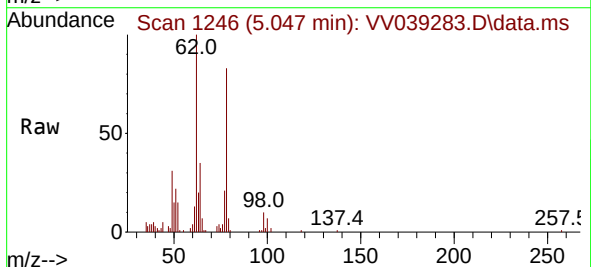
Ion	Ratio	Lower	Upper
41	100		
39	54.2	40.9	61.3
67	97.6	73.1	109.7
52	33.1	27.8	41.6

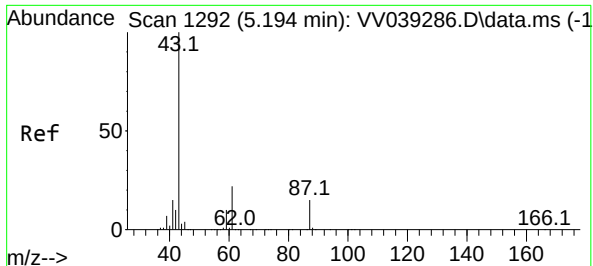


#42
1,2-Dichloroethane
Concen: 5.065 ug/l
RT: 5.047 min Scan# 1246
Delta R.T. 0.006 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 62 Resp: 54624

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	21.0

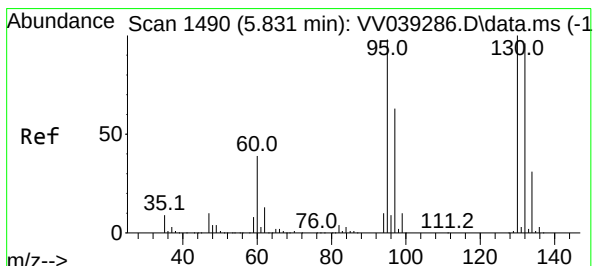
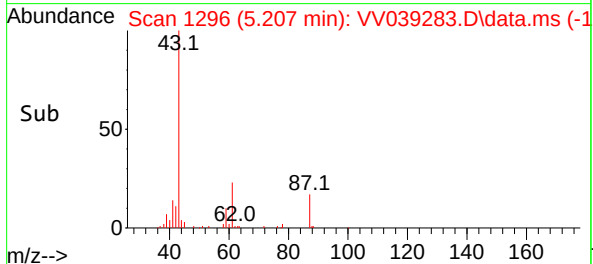
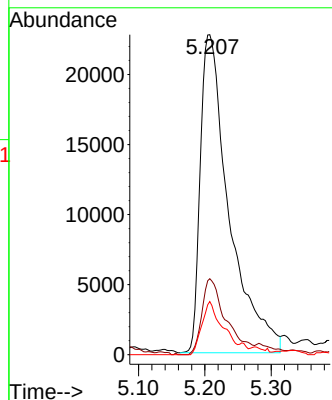
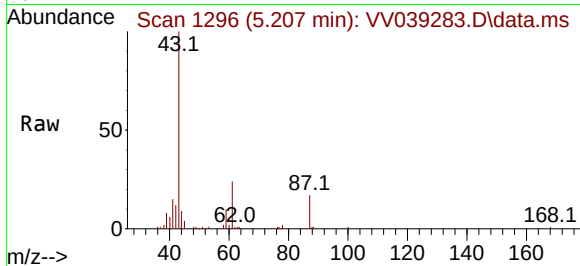




#43
Isopropyl Acetate
Concen: 4.482 ug/l
RT: 5.207 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

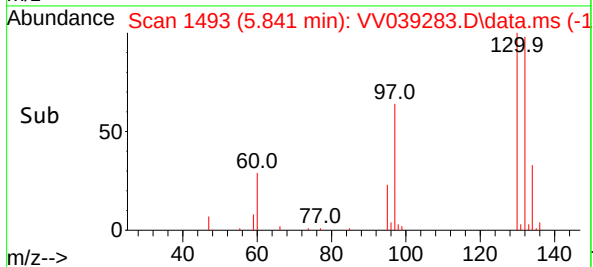
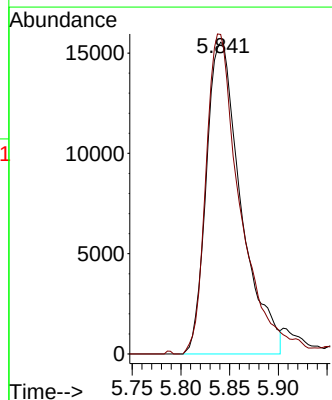
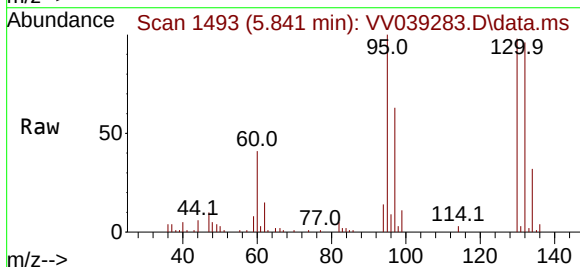
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

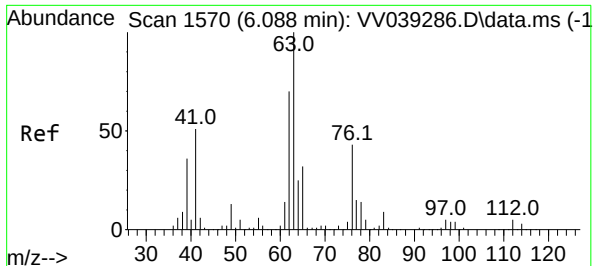
Tgt Ion: 43 Resp: 68435
Ion Ratio Lower Upper
43 100
61 20.1 17.1 25.7
87 12.0 11.5 17.3



#44
Trichloroethene
Concen: 4.982 ug/l
RT: 5.841 min Scan# 1493
Delta R.T. 0.010 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion:130 Resp: 38500
Ion Ratio Lower Upper
130 100
95 102.5 0.0 196.6





#45

1,2-Dichloropropane

Concen: 4.586 ug/l

RT: 6.095 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

Instrument :

MSVOA_V

ClientSampleId :

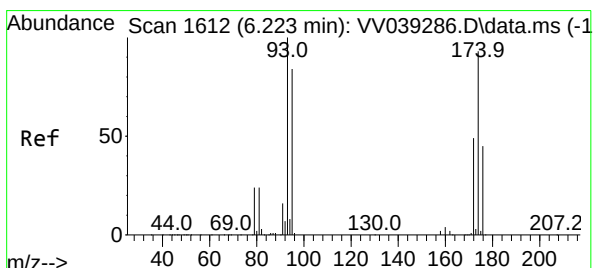
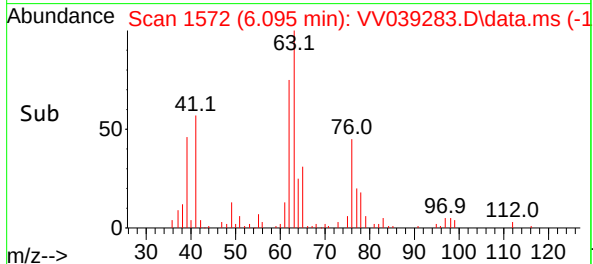
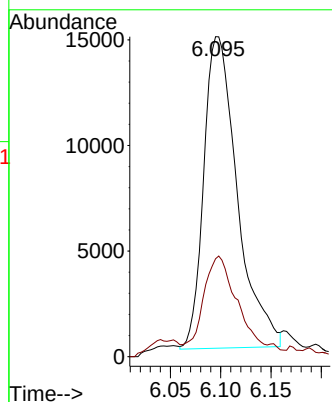
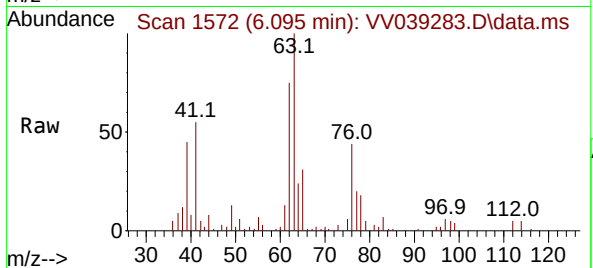
VSTDICC005

Tgt Ion: 63 Resp: 34291

Ion Ratio Lower Upper

63 100

65 29.3 25.4 38.2



#46

Dibromomethane

Concen: 5.269 ug/l

RT: 6.236 min Scan# 1616

Delta R.T. 0.013 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

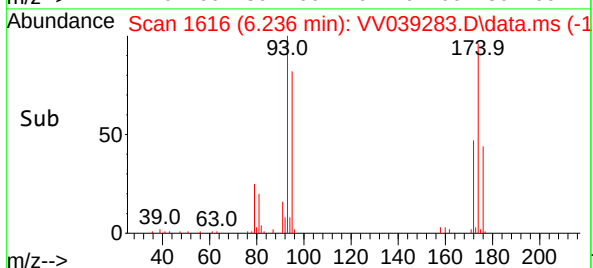
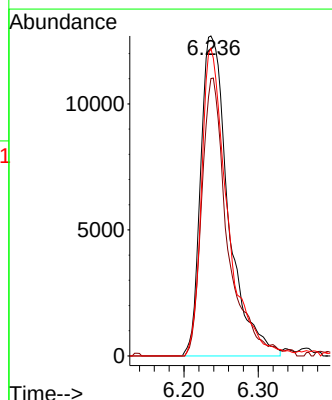
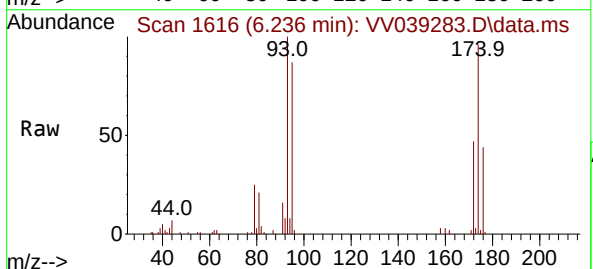
Tgt Ion: 93 Resp: 32930

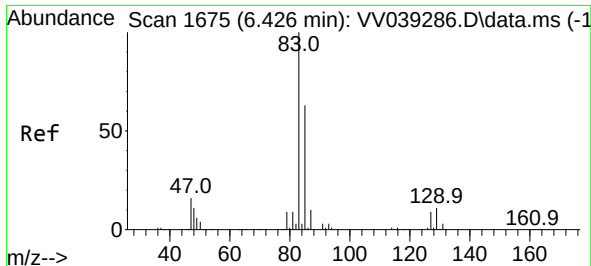
Ion Ratio Lower Upper

93 100

95 79.2 65.6 98.4

174 90.3 74.6 112.0

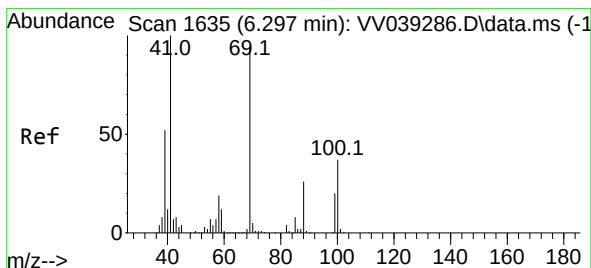
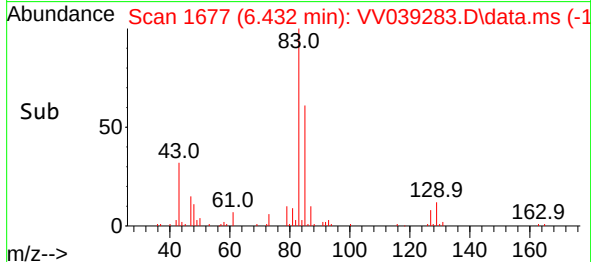
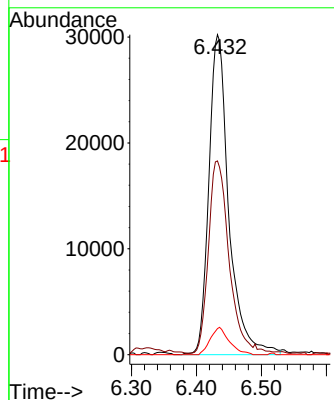
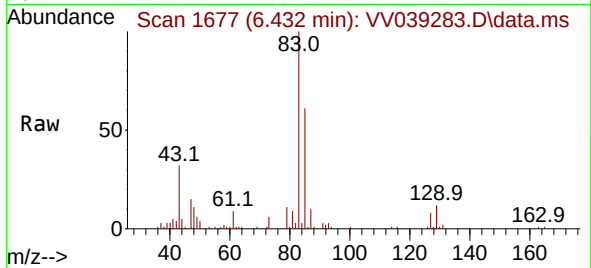




#47
Bromodichloromethane
Concen: 5.251 ug/l
RT: 6.432 min Scan# 1641
Delta R.T. 0.006 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

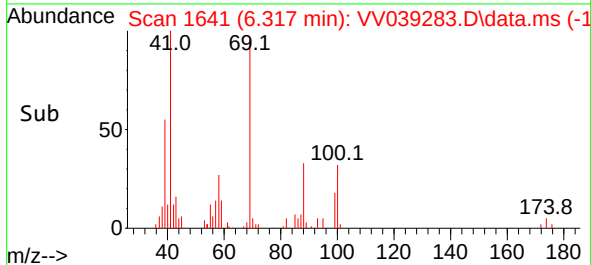
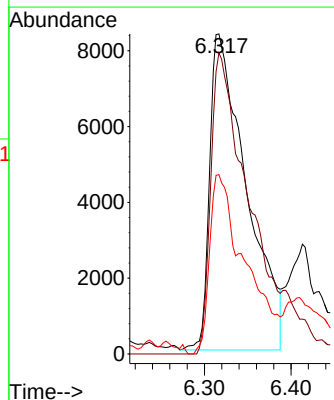
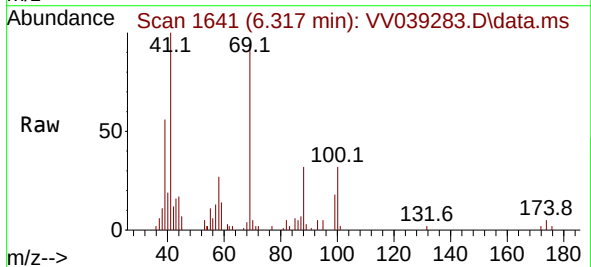
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

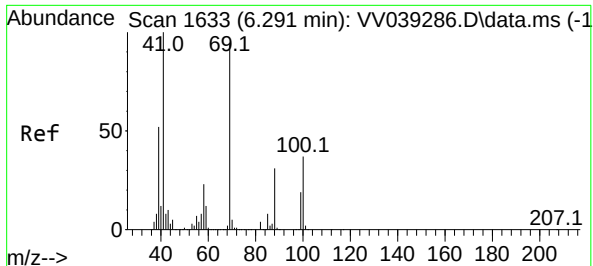
Tgt Ion: 83	Resp: 64658
Ion Ratio	Lower Upper
83 100	
85 59.7	50.9 76.3
127 8.2	7.0 10.6



#48
Methyl methacrylate
Concen: 3.619 ug/l
RT: 6.317 min Scan# 1641
Delta R.T. 0.019 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 41	Resp: 24607
Ion Ratio	Lower Upper
41 100	
69 95.5	77.2 115.8
39 55.5	41.4 62.0





#49

1,4-Dioxane

Concen: 76.890 ug/l

RT: 6.310 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

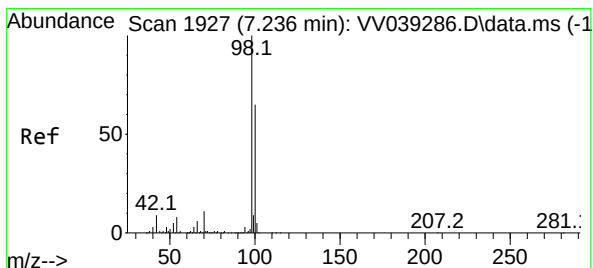
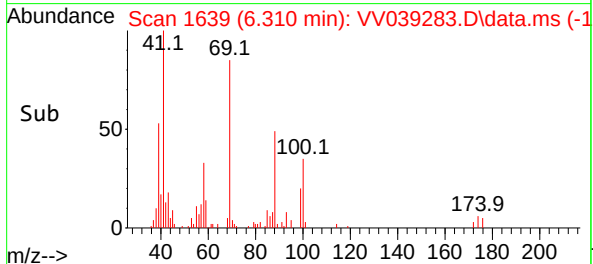
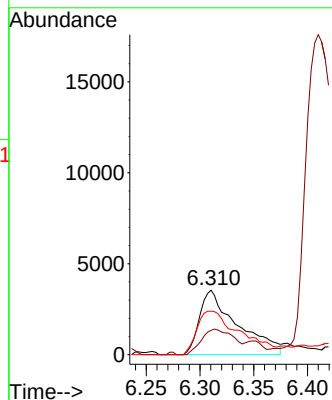
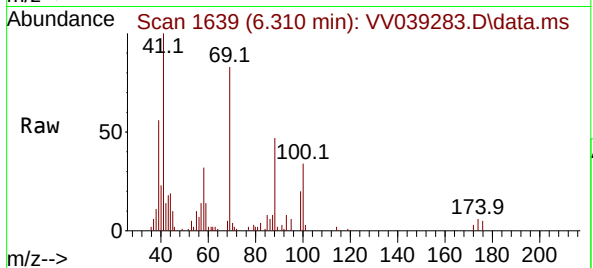
Tgt Ion: 88 Resp: 8697

Ion Ratio Lower Upper

88 100

43 33.3 24.1 36.1

58 76.6 57.6 86.4



#50

Toluene-d8

Concen: 4.181 ug/l

RT: 7.243 min Scan# 1929

Delta R.T. 0.006 min

Lab File: VV039283.D

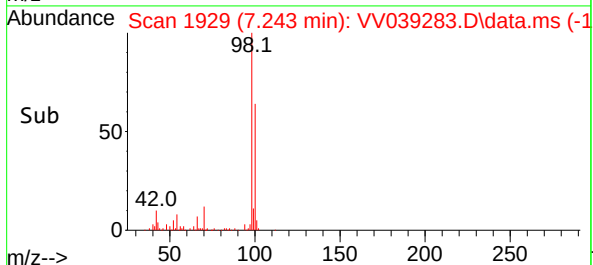
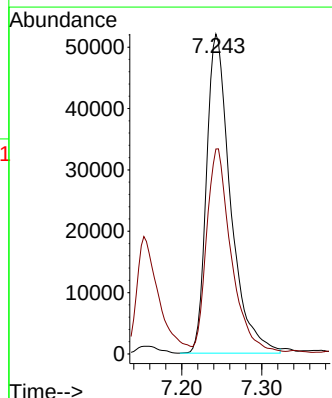
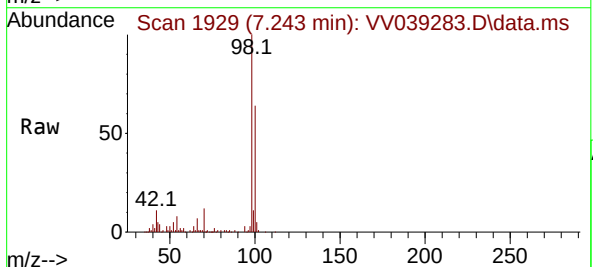
Acq: 07 Oct 2025 10:03

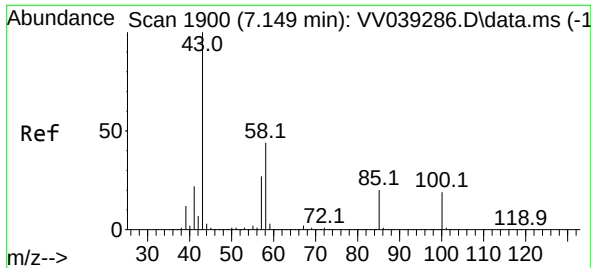
Tgt Ion: 98 Resp: 108435

Ion Ratio Lower Upper

98 100

100 64.9 52.8 79.2

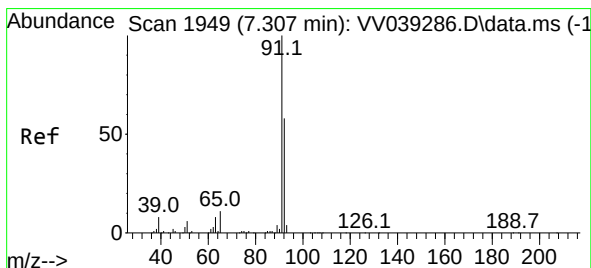
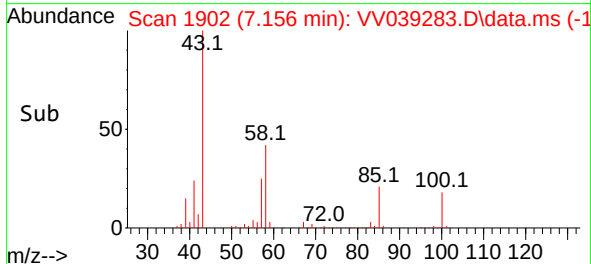
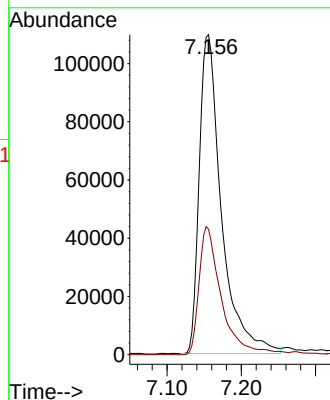
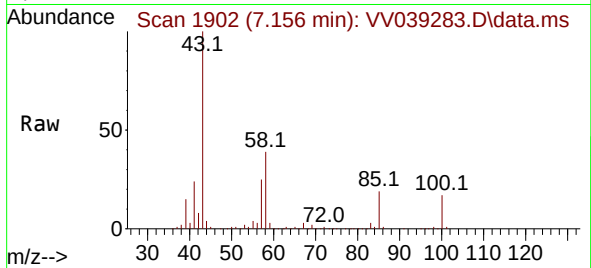




#51
4-Methyl-2-Pentanone
Concen: 22.339 ug/l
RT: 7.156 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

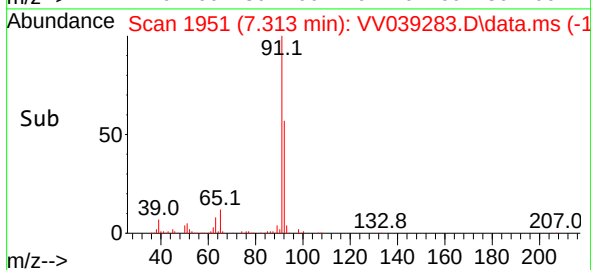
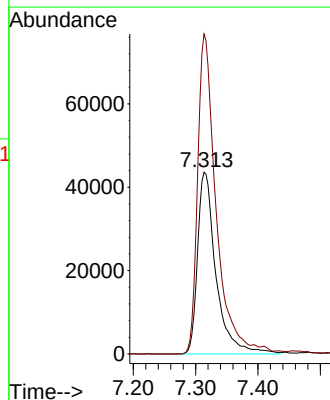
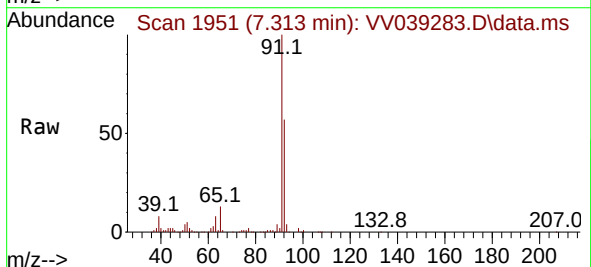
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

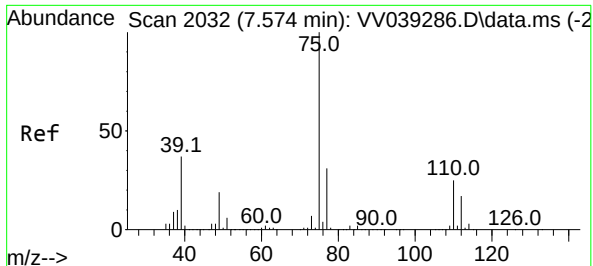
Tgt Ion: 43 Resp: 227471
Ion Ratio Lower Upper
43 100
58 40.3 34.2 51.4



#52
Toluene
Concen: 4.834 ug/l
RT: 7.313 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 92 Resp: 89683
Ion Ratio Lower Upper
92 100
91 175.0 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 4.876 ug/l

RT: 7.587 min Scan# 2032

Delta R.T. 0.013 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

Instrument :

MSVOA_V

ClientSampleId :

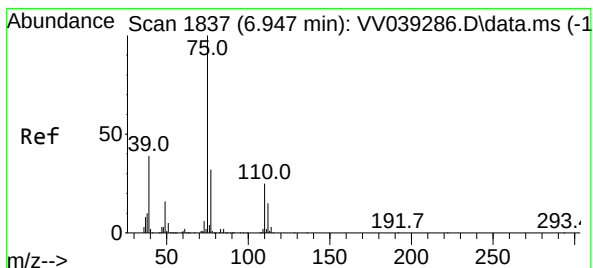
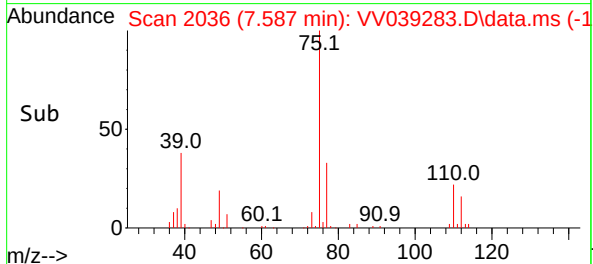
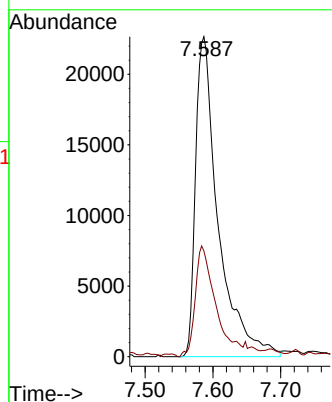
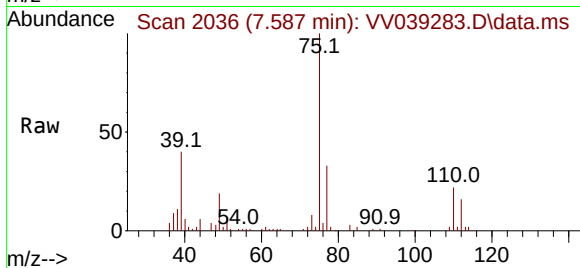
VSTDICC005

Tgt Ion: 75 Resp: 52481

Ion Ratio Lower Upper

75 100

77 33.1 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 4.797 ug/l

RT: 6.956 min Scan# 1840

Delta R.T. 0.010 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

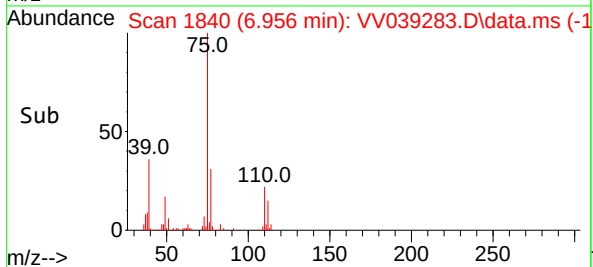
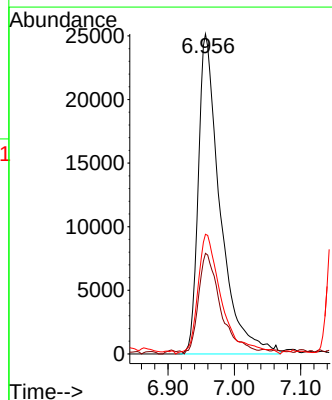
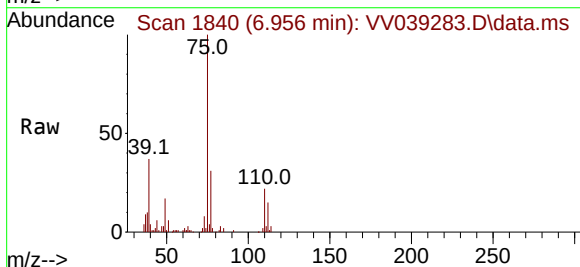
Tgt Ion: 75 Resp: 57395

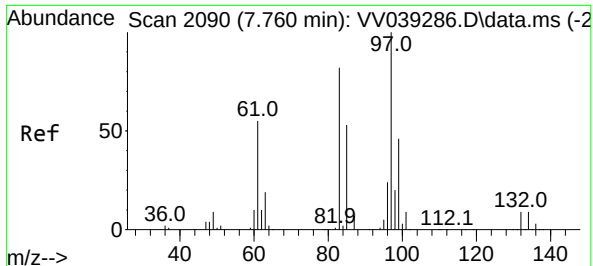
Ion Ratio Lower Upper

75 100

77 30.5 25.6 38.4

39 37.4 31.0 46.6

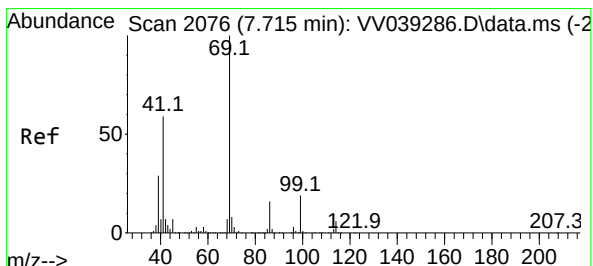
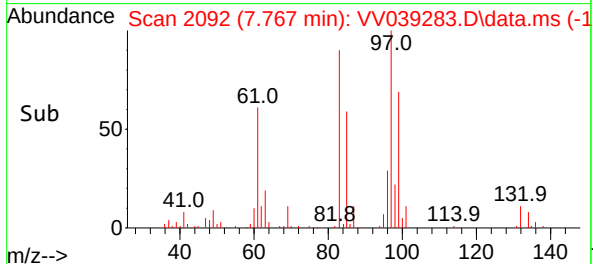
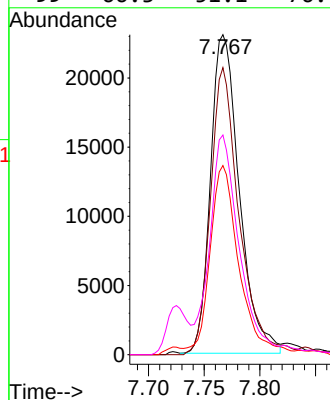
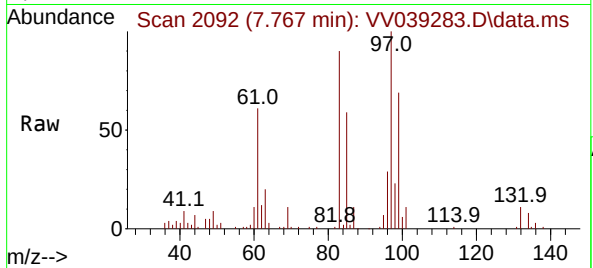




#55
 1,1,2-Trichloroethane
 Concen: 4.947 ug/l
 RT: 7.767 min Scan# 2090
 Delta R.T. 0.006 min
 Lab File: VV039283.D
 Acq: 07 Oct 2025 10:03

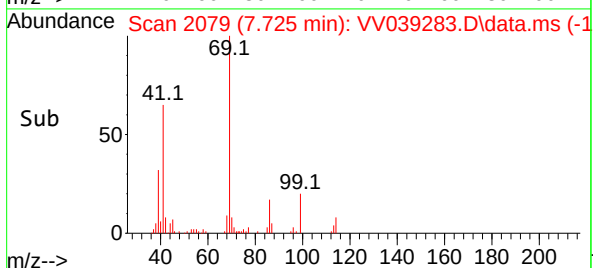
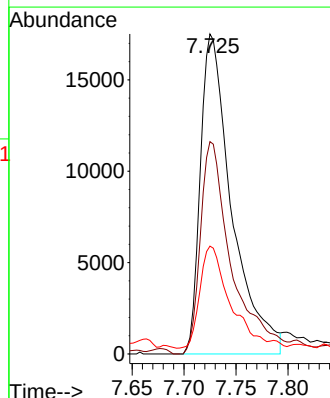
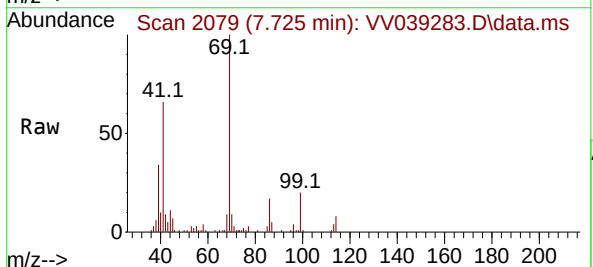
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

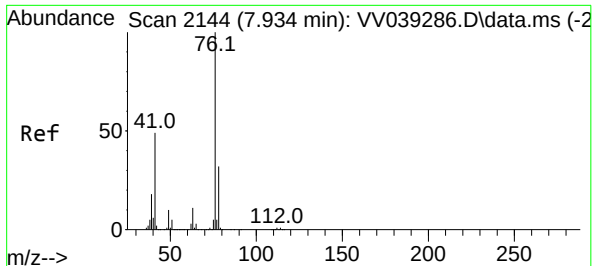
Tgt Ion:	97	Resp:	41447
Ion	Ratio	Lower	Upper
97	100		
83	90.1	65.8	98.8
85	57.4	43.3	64.9
99	66.3	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 3.928 ug/l
 RT: 7.725 min Scan# 2079
 Delta R.T. 0.010 min
 Lab File: VV039283.D
 Acq: 07 Oct 2025 10:03

Tgt Ion:	69	Resp:	36737
Ion	Ratio	Lower	Upper
69	100		
41	66.0	47.1	70.7
39	30.4	23.2	34.8

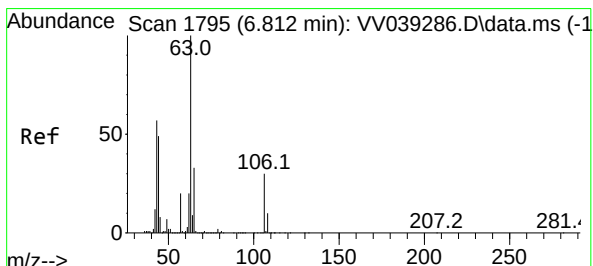
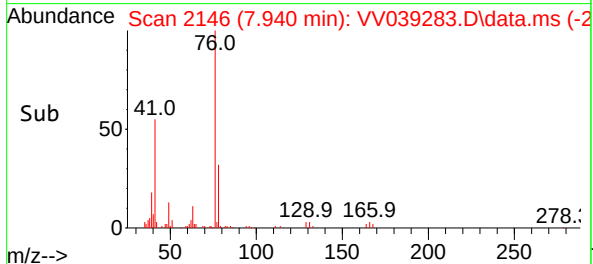
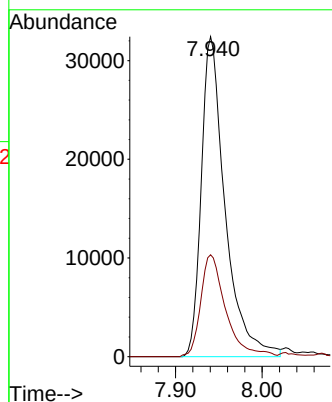
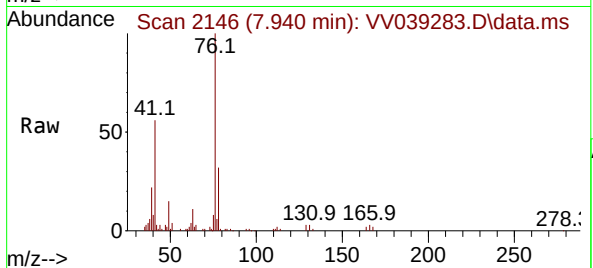




#57
1,3-Dichloropropane
Concen: 4.894 ug/l
RT: 7.940 min Scan# 2144
Delta R.T. 0.006 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

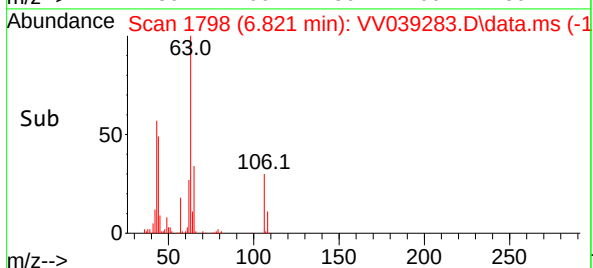
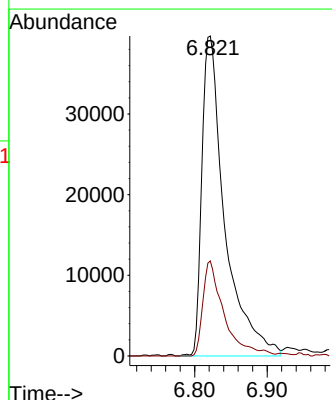
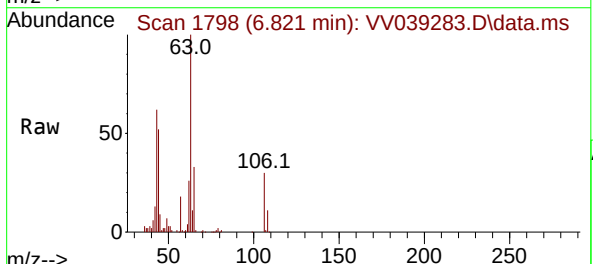
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

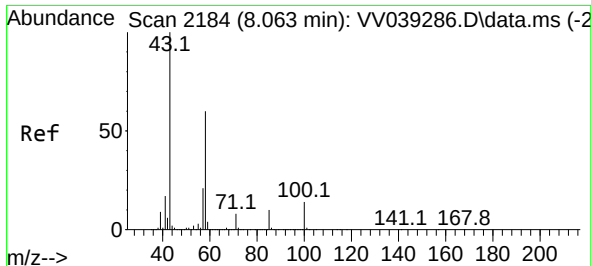
Tgt Ion: 76 Resp: 61872
Ion Ratio Lower Upper
76 100
78 33.4 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 22.960 ug/l
RT: 6.821 min Scan# 1798
Delta R.T. 0.010 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 63 Resp: 86926
Ion Ratio Lower Upper
63 100
106 26.6 23.5 35.3





#59

2-Hexanone

Concen: 20.847 ug/l

RT: 8.072 min Scan# 2184

Delta R.T. 0.010 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

Instrument :

MSVOA_V

ClientSampleId :

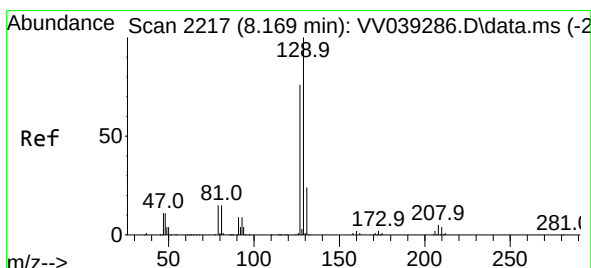
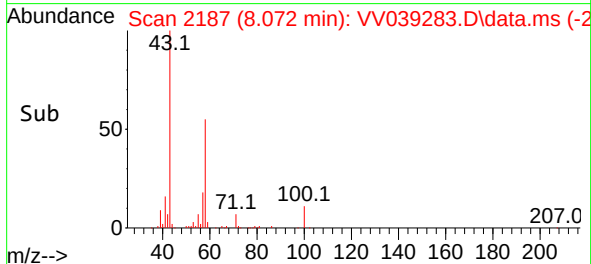
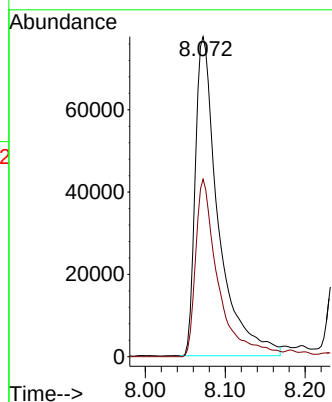
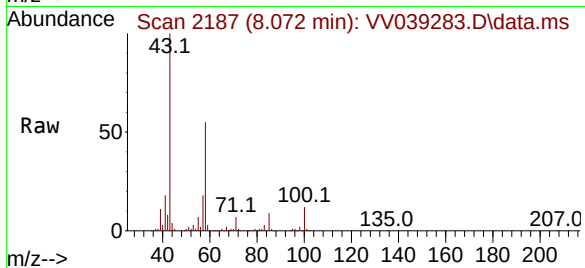
VSTDICC005

Tgt Ion: 43 Resp: 155844

Ion Ratio Lower Upper

43 100

58 54.5 29.6 88.9



#60

Dibromochloromethane

Concen: 5.125 ug/l

RT: 8.172 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV039283.D

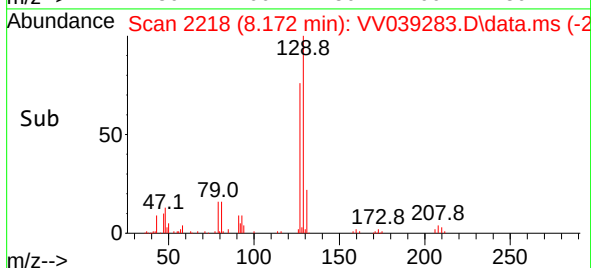
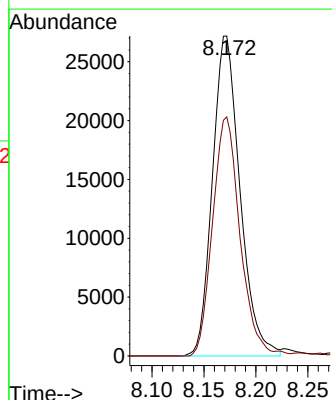
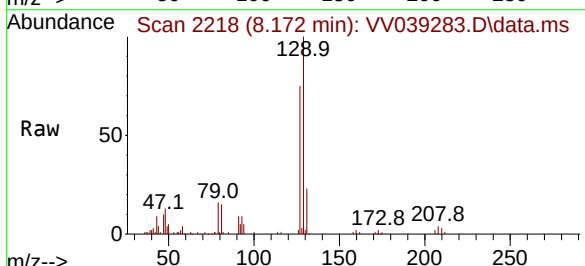
Acq: 07 Oct 2025 10:03

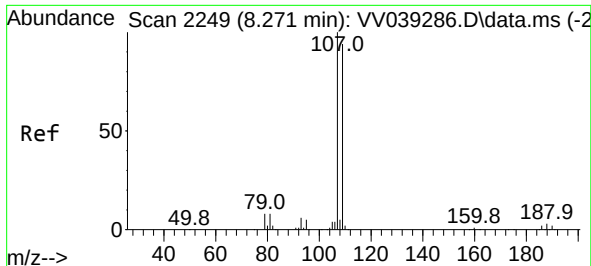
Tgt Ion: 129 Resp: 50201

Ion Ratio Lower Upper

129 100

127 74.3 38.4 115.1

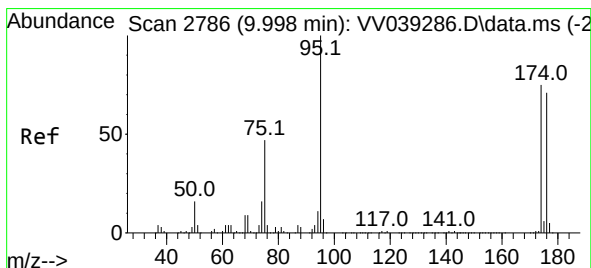
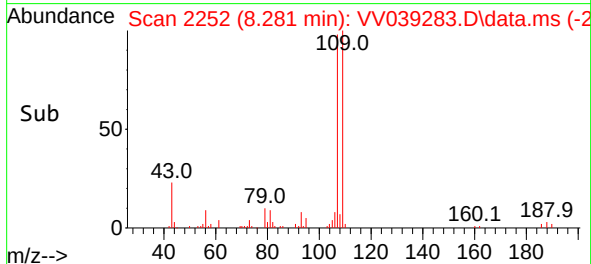
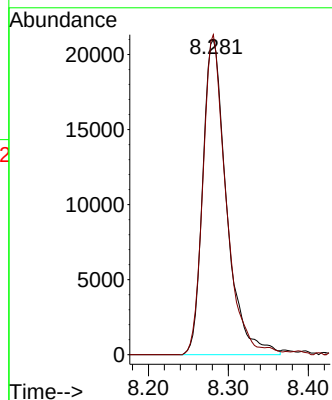
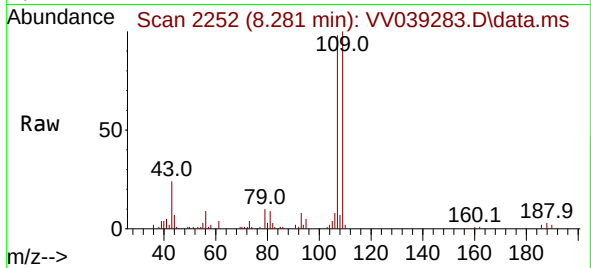




#61
 1,2-Dibromoethane
 Concen: 4.981 ug/l
 RT: 8.281 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV039283.D
 Acq: 07 Oct 2025 10:03

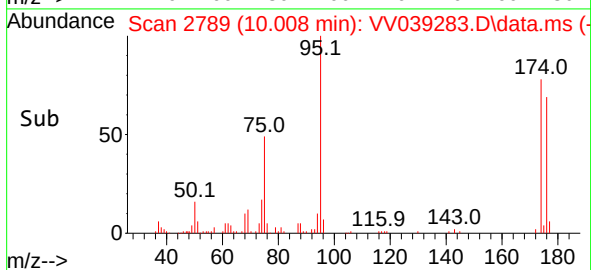
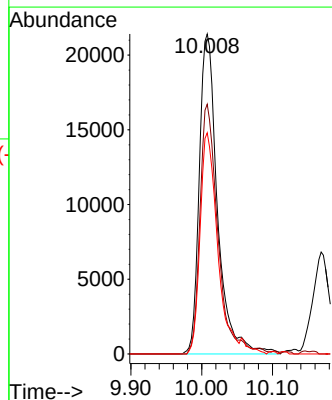
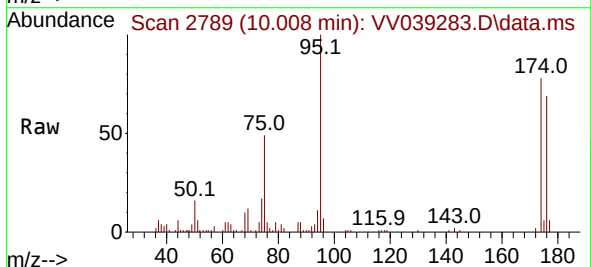
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

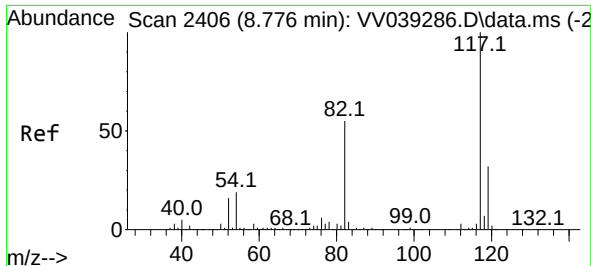
Tgt Ion:107 Resp: 43447
 Ion Ratio Lower Upper
 107 100
 109 98.6 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 4.146 ug/l
 RT: 10.008 min Scan# 2789
 Delta R.T. 0.010 min
 Lab File: VV039283.D
 Acq: 07 Oct 2025 10:03

Tgt Ion: 95 Resp: 38301
 Ion Ratio Lower Upper
 95 100
 174 75.9 0.0 153.6
 176 65.5 0.0 146.0

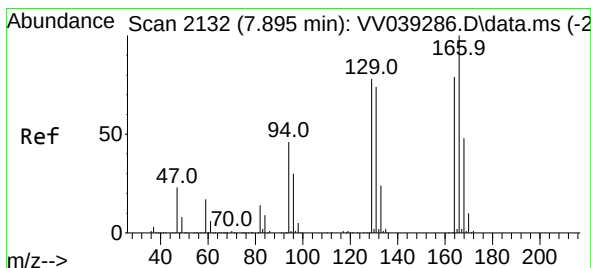
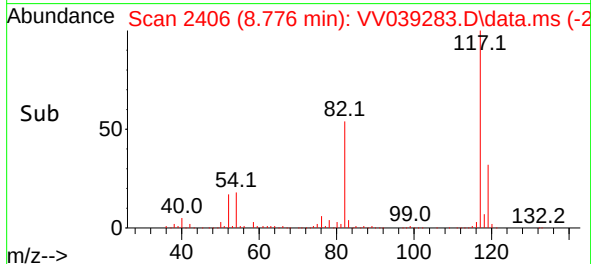
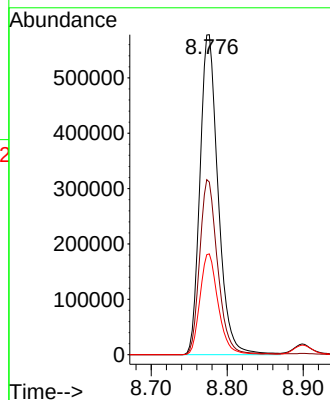
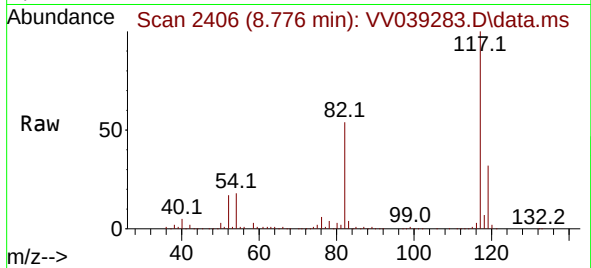




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

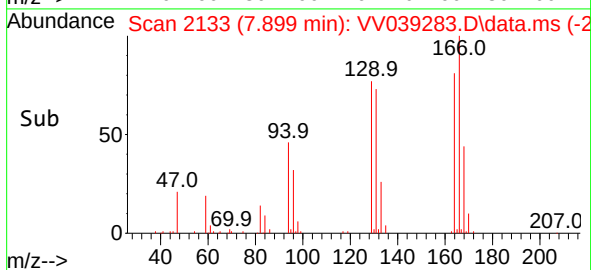
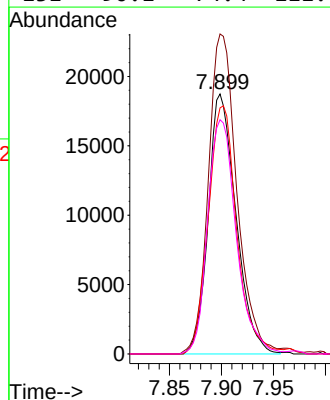
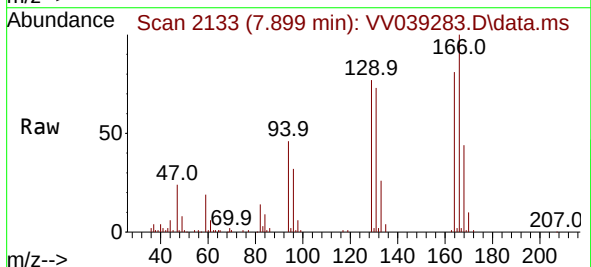
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

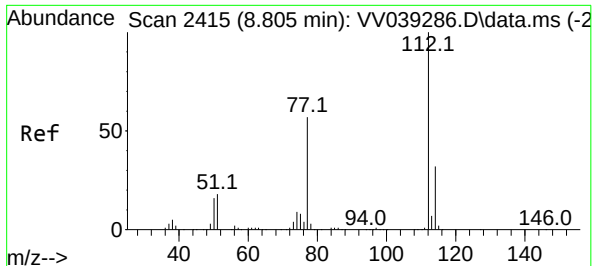
Tgt Ion:117 Resp: 961105
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.8
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 4.950 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion:164 Resp: 34702
Ion Ratio Lower Upper
164 100
166 123.0 101.0 151.6
129 94.6 79.0 118.6
131 90.1 74.4 111.6

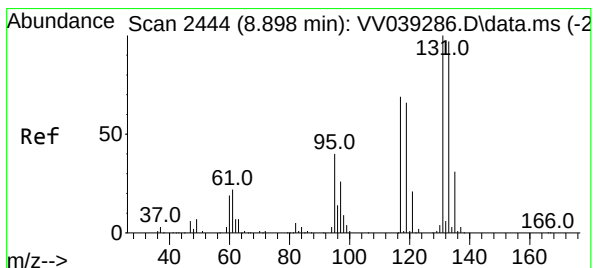
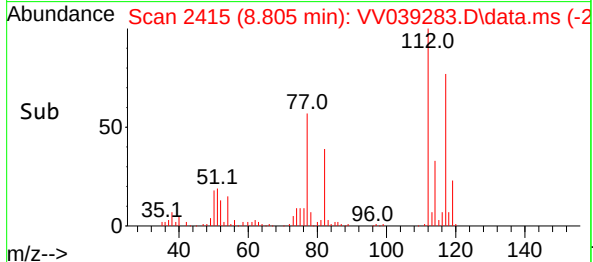
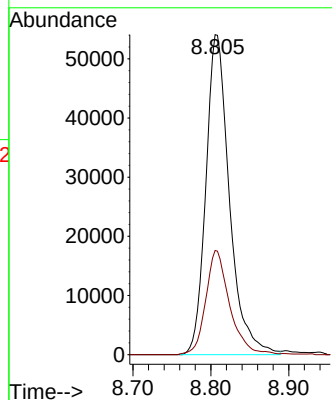
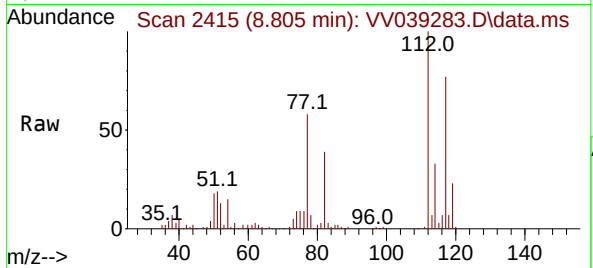




#65
Chlorobenzene
Concen: 5.005 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

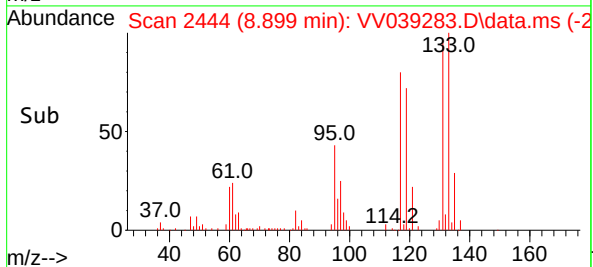
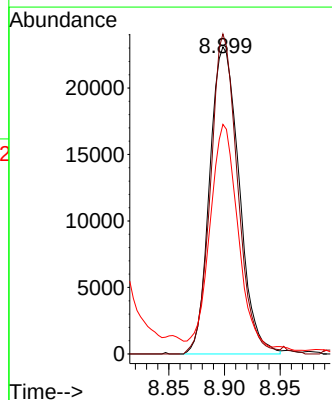
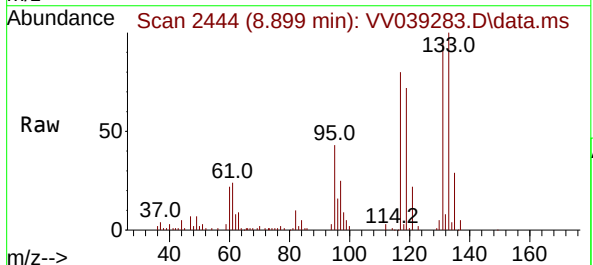
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

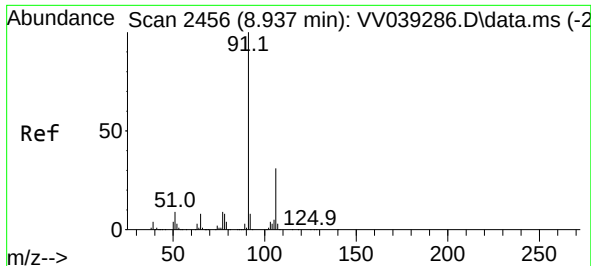
Tgt Ion:112 Resp: 113867
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 4.991 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion:131 Resp: 42539
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.3
119 67.5 32.7 98.1





#67

Ethyl Benzene

Concen: 4.430 ug/l

RT: 8.940 min Scan# 2456

Delta R.T. 0.003 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

Instrument :

MSVOA_V

ClientSampleId :

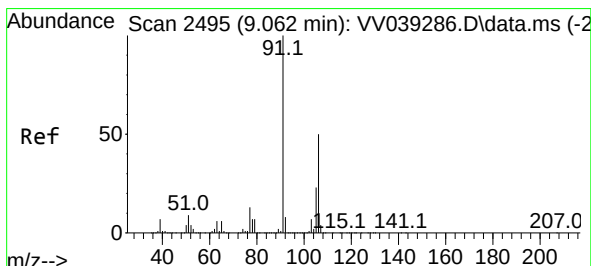
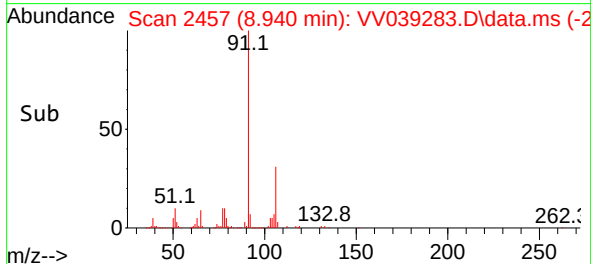
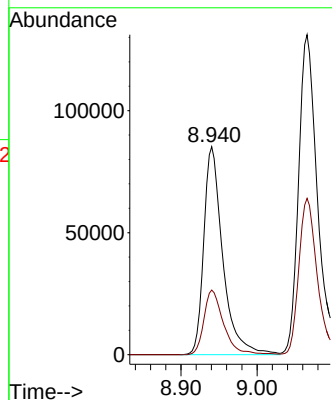
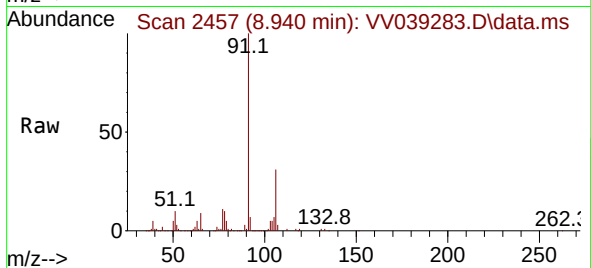
VSTDIC005

Tgt Ion: 91 Resp: 148460

Ion Ratio Lower Upper

91 100

106 31.1 24.6 37.0



#68

m/p-Xylenes

Concen: 8.230 ug/l

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV039283.D

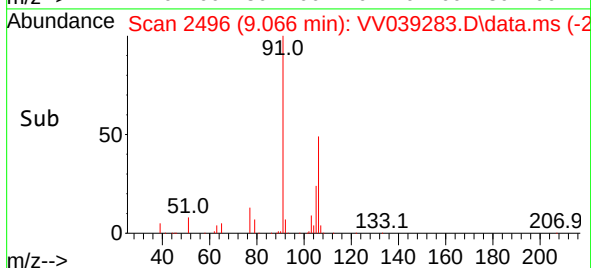
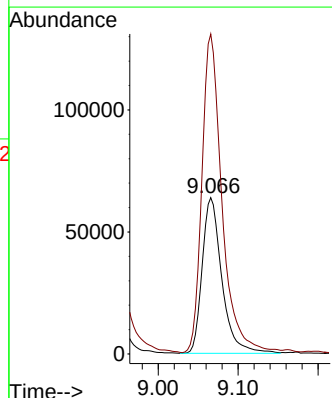
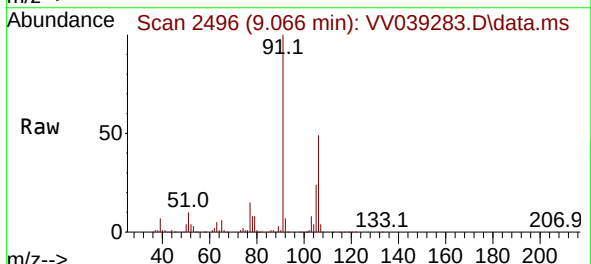
Acq: 07 Oct 2025 10:03

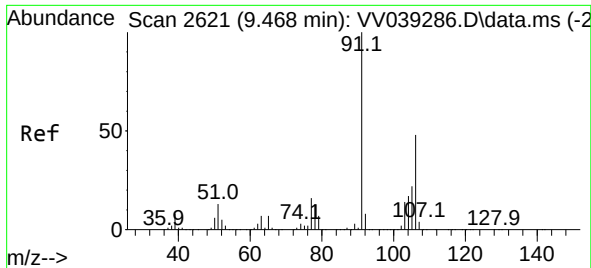
Tgt Ion:106 Resp: 109401

Ion Ratio Lower Upper

106 100

91 208.6 160.2 240.2

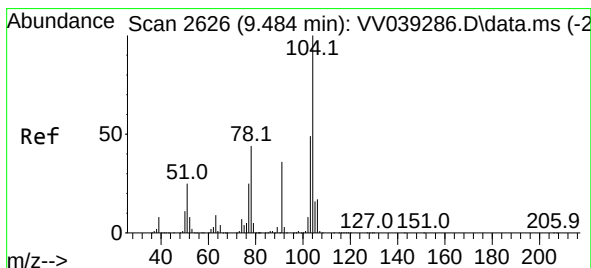
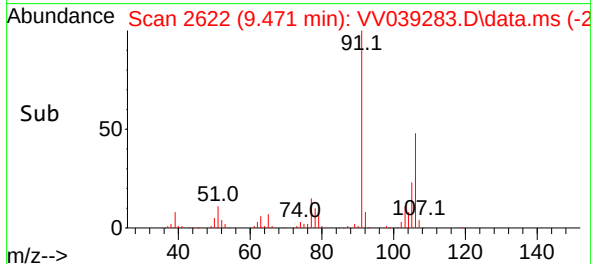
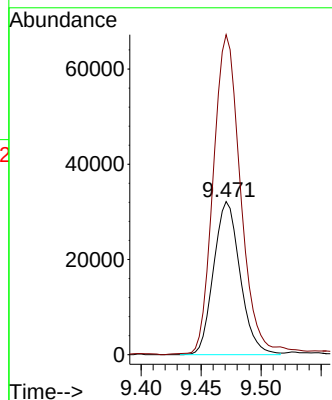
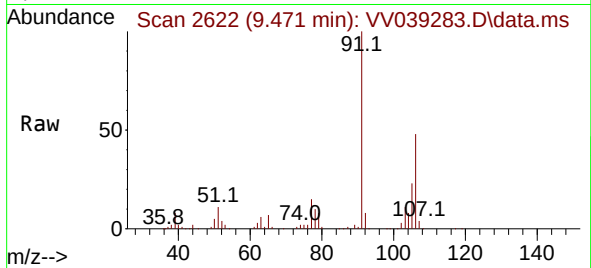




#69
o-Xylene
Concen: 4.204 ug/l
RT: 9.471 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

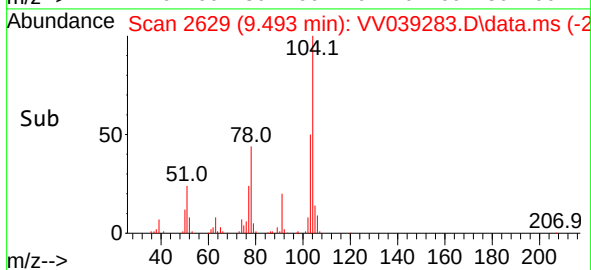
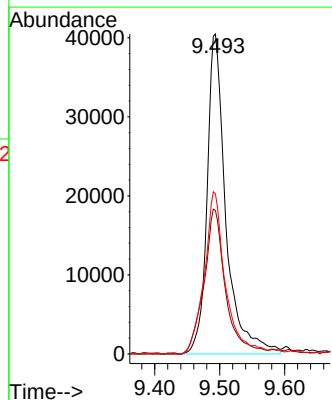
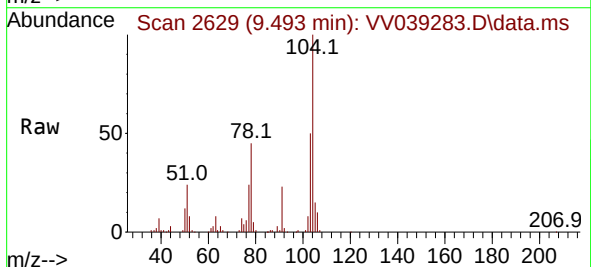
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

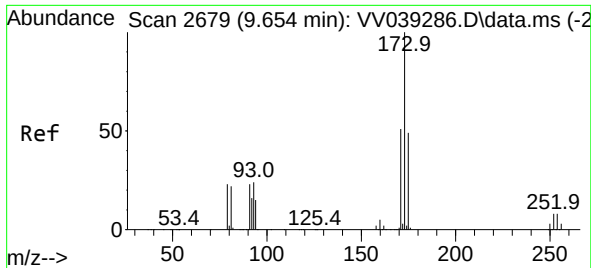
Tgt Ion:106 Resp: 49355
Ion Ratio Lower Upper
106 100
91 217.6 105.8 317.3



#70
Styrene
Concen: 3.915 ug/l
RT: 9.493 min Scan# 2629
Delta R.T. 0.010 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion:104 Resp: 81766
Ion Ratio Lower Upper
104 100
78 51.7 38.9 58.3
103 56.6 42.9 64.3

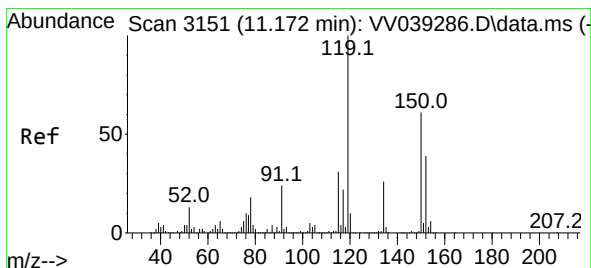
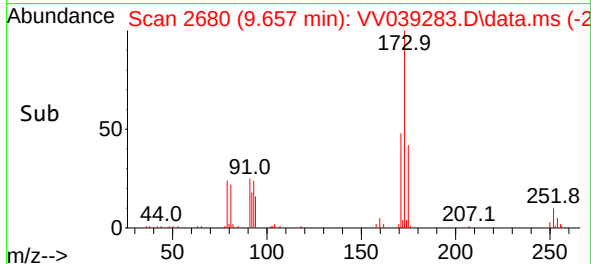
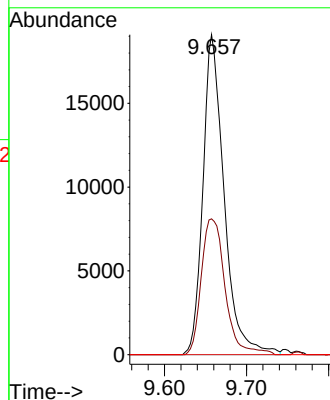
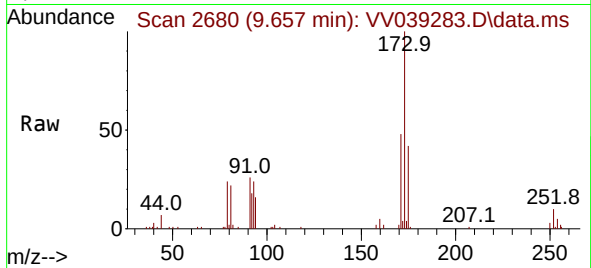




#71
Bromoform
Concen: 4.971 ug/l
RT: 9.657 min Scan# 2680
Delta R.T. 0.003 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

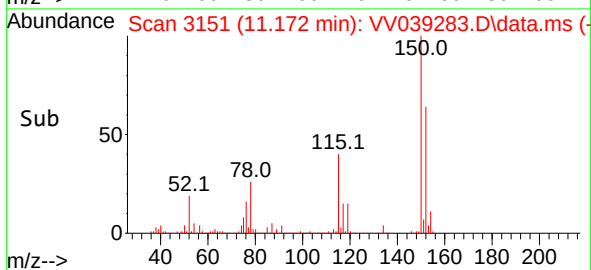
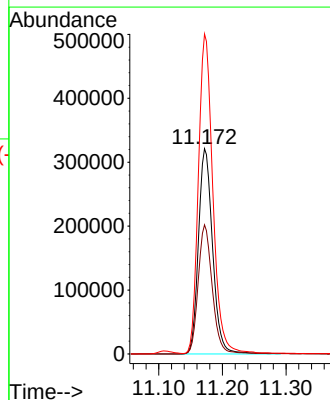
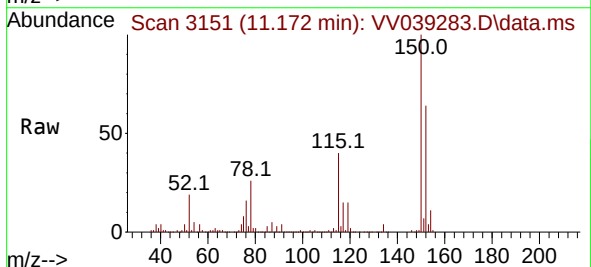
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

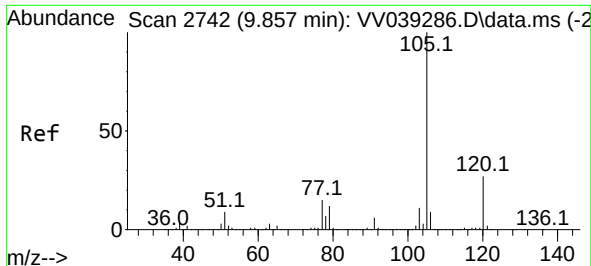
Tgt Ion:173 Resp: 34260
Ion Ratio Lower Upper
173 100
175 47.7 24.6 73.6
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion:152 Resp: 497241
Ion Ratio Lower Upper
152 100
115 62.6 42.3 126.8
150 158.2 0.0 348.0

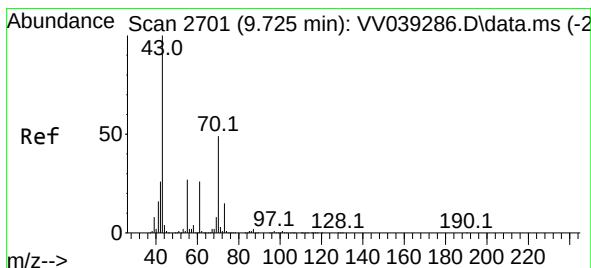
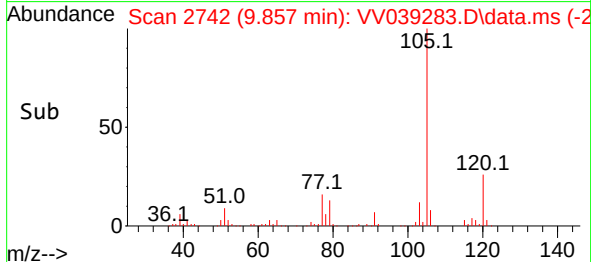
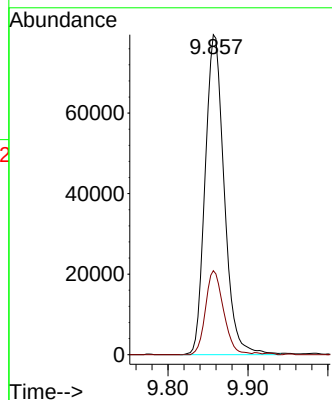
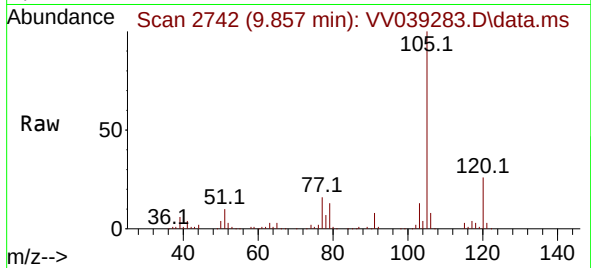




#73
Isopropylbenzene
Concen: 4.372 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

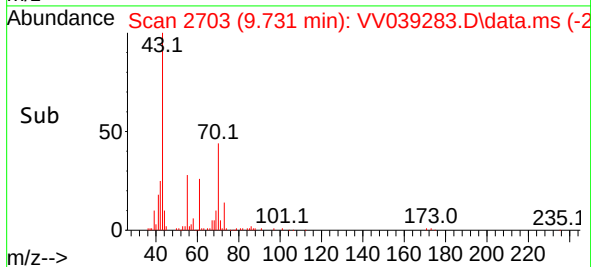
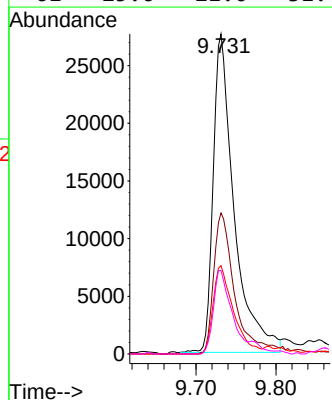
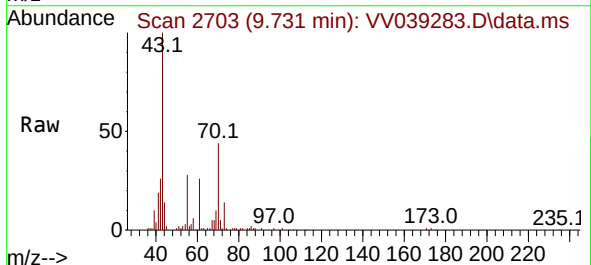
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

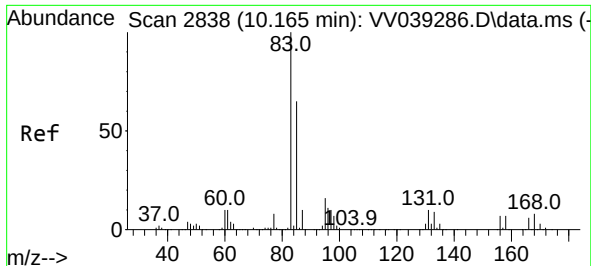
Tgt Ion:105 Resp: 132019
Ion Ratio Lower Upper
105 100
120 24.8 13.2 39.5



#74
N-ethyl acetate
Concen: 4.008 ug/l
RT: 9.731 min Scan# 2703
Delta R.T. 0.006 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 43 Resp: 50235
Ion Ratio Lower Upper
43 100
70 45.1 38.6 58.0
55 26.9 21.9 32.9
61 25.6 21.0 31.4

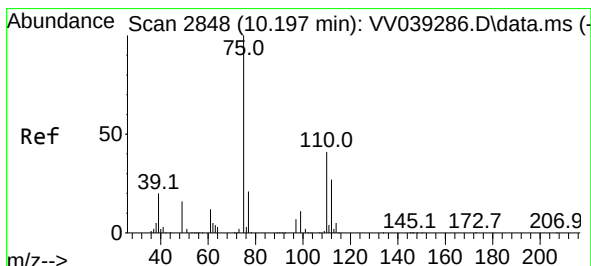
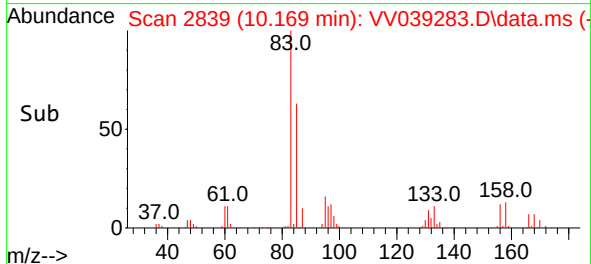
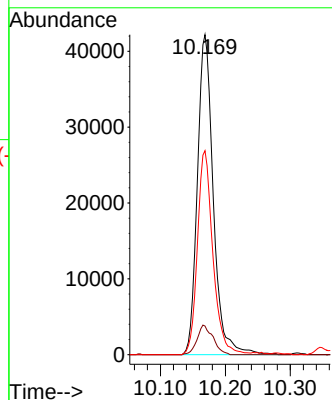
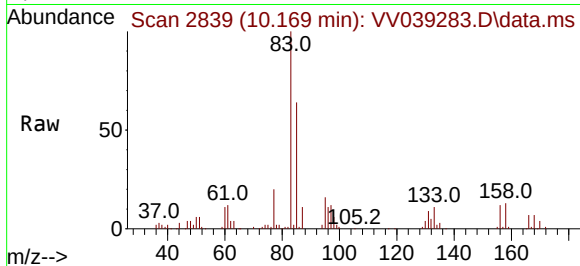




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.204 ug/l
 RT: 10.169 min Scan# 2839
 Delta R.T. 0.003 min
 Lab File: VV039283.D
 Acq: 07 Oct 2025 10:03

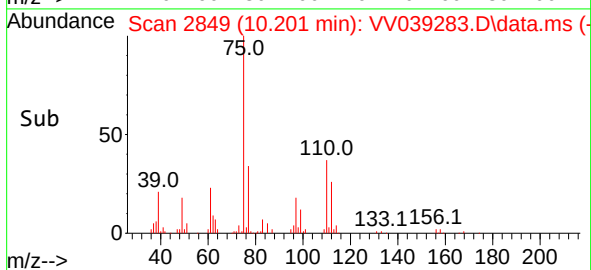
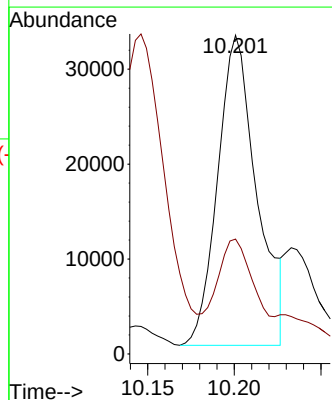
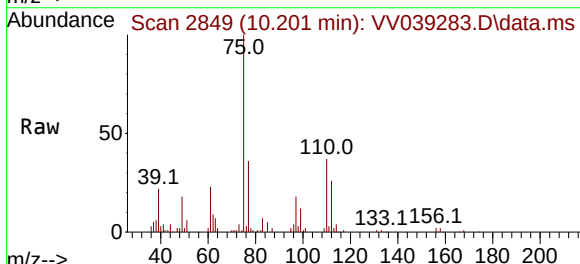
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

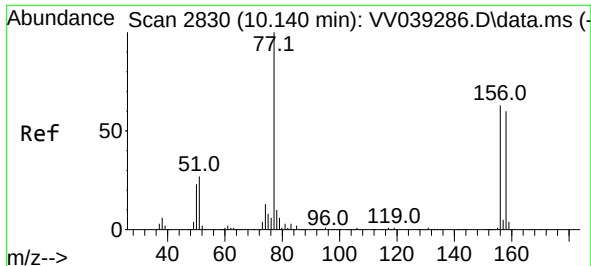
Tgt Ion: 83 Resp: 72162
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.0 15.0
 85 62.0 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 5.169 ug/l
 RT: 10.201 min Scan# 2849
 Delta R.T. 0.003 min
 Lab File: VV039283.D
 Acq: 07 Oct 2025 10:03

Tgt Ion: 75 Resp: 51295
 Ion Ratio Lower Upper
 75 100
 77 22.1 12.2 36.4

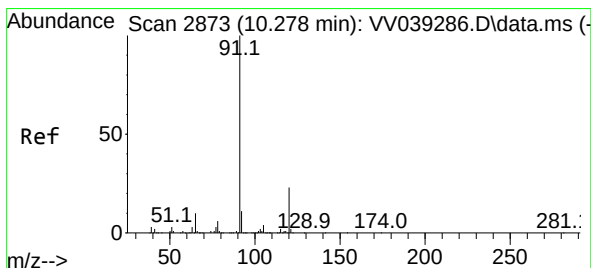
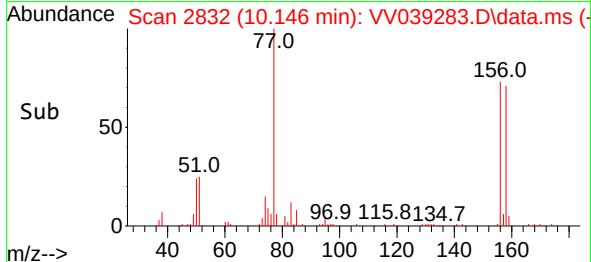
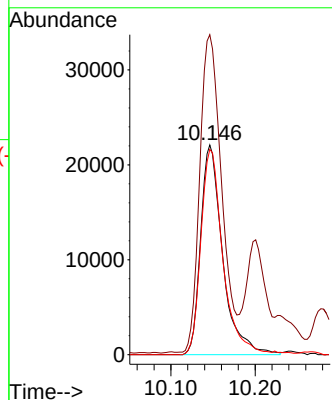
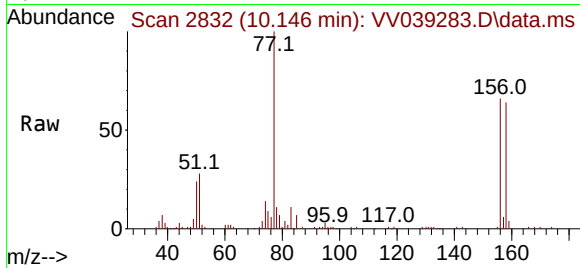




#77
Bromobenzene
Concen: 4.843 ug/l
RT: 10.146 min Scan# 2830
Delta R.T. 0.006 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

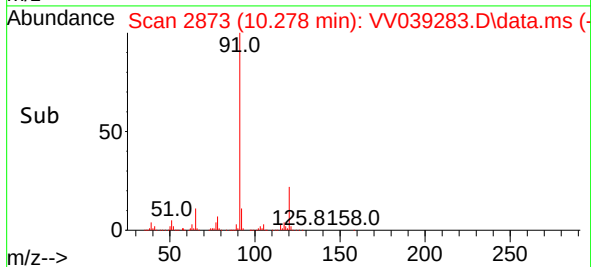
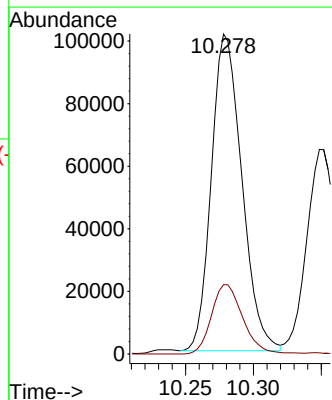
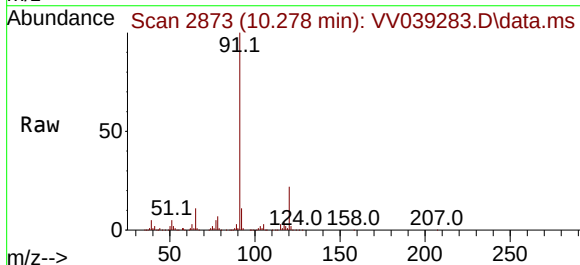
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

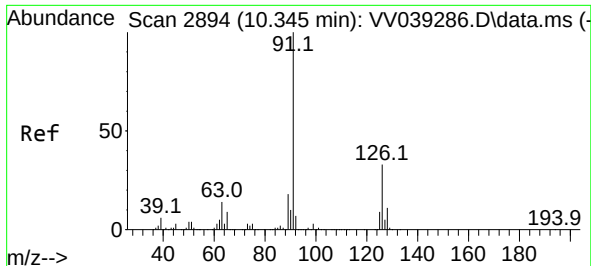
Tgt Ion:156 Resp: 40198
Ion Ratio Lower Upper
156 100
77 148.2 78.4 235.2
158 97.7 47.7 143.1



#78
n-propylbenzene
Concen: 4.318 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 91 Resp: 158201
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.5

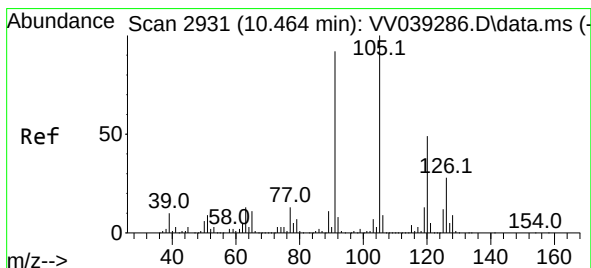
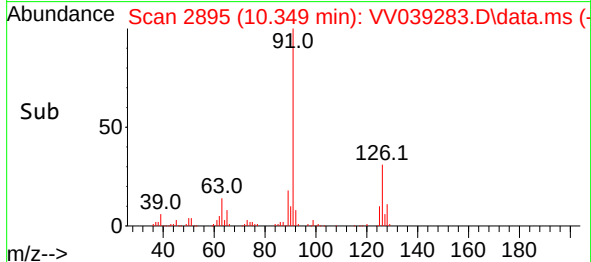
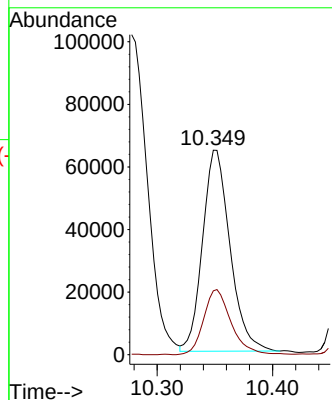
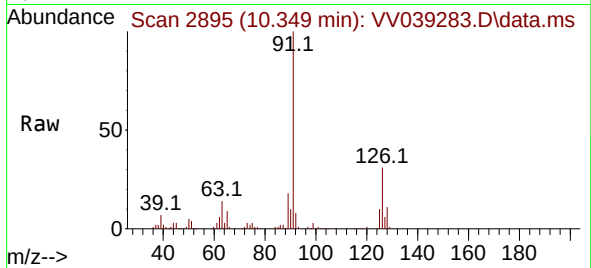




#79
2-Chlorotoluene
Concen: 4.694 ug/l
RT: 10.349 min Scan# 2894
Delta R.T. 0.003 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

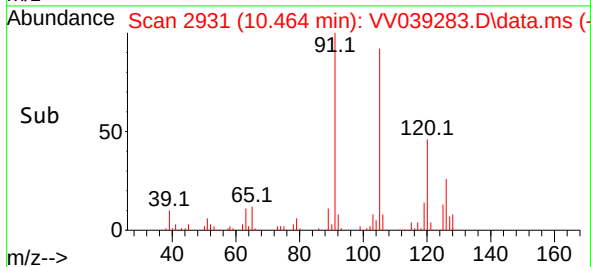
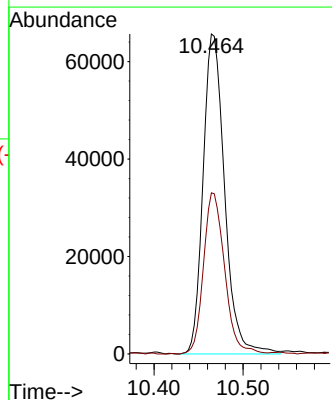
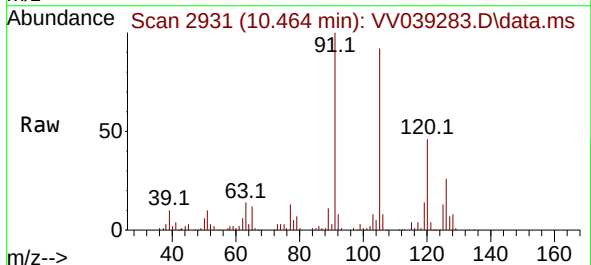
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

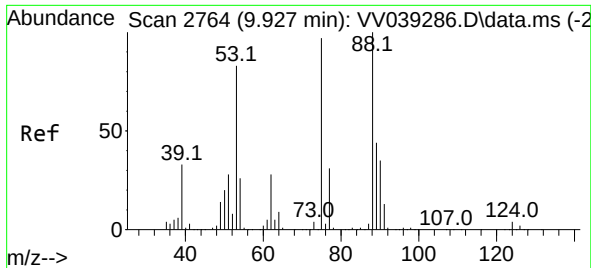
Tgt Ion: 91 Resp: 106185
Ion Ratio Lower Upper
91 100
126 32.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 4.353 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 105 Resp: 110241
Ion Ratio Lower Upper
105 100
120 49.4 24.3 73.0

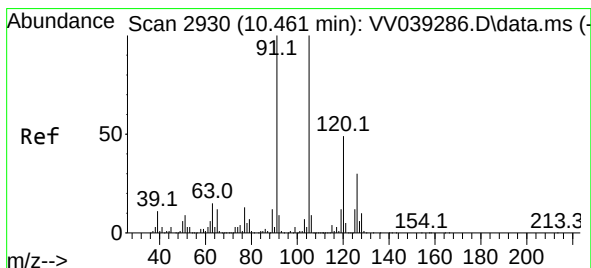
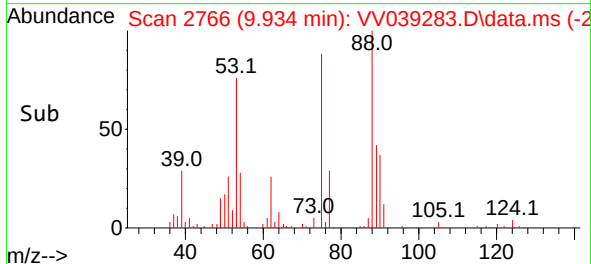
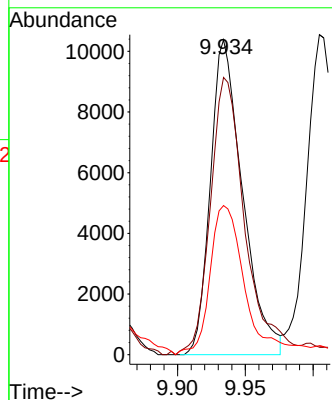
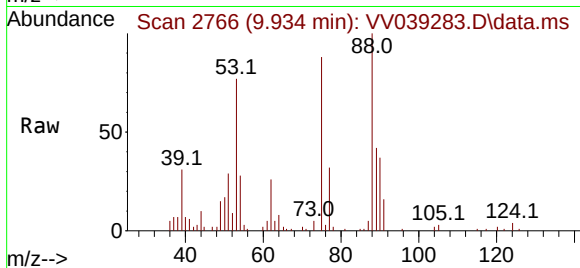




#81
trans-1,4-Dichloro-2-butene
Concen: 4.359 ug/l
RT: 9.934 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

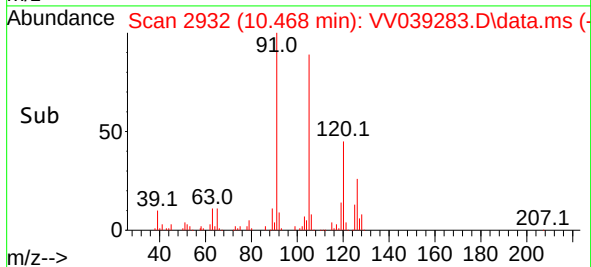
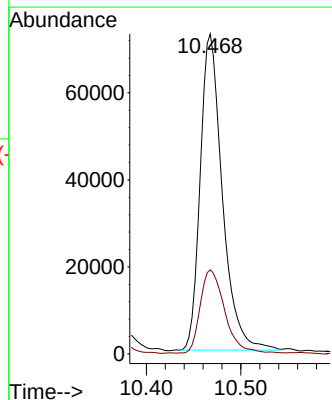
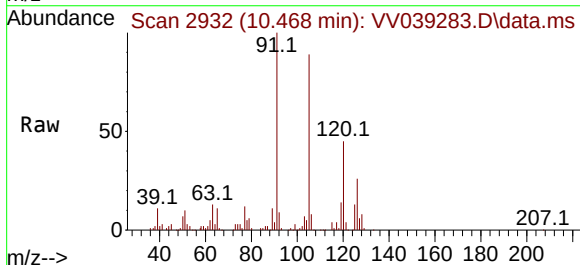
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

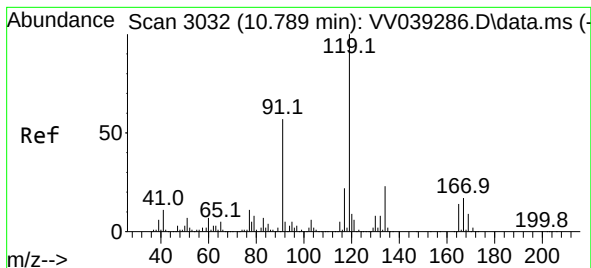
Tgt Ion: 75 Resp: 17131
Ion Ratio Lower Upper
75 100
53 94.5 69.9 104.9
89 51.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 4.539 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.006 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion: 91 Resp: 118012
Ion Ratio Lower Upper
91 100
126 29.2 14.8 44.4





#83

tert-Butylbenzene

Concen: 4.571 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

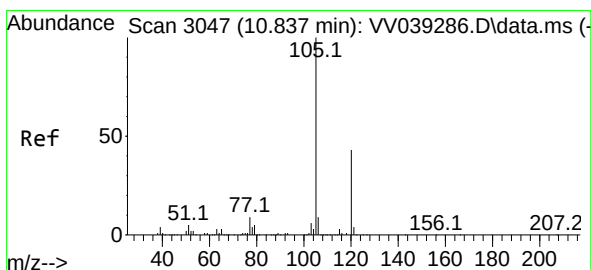
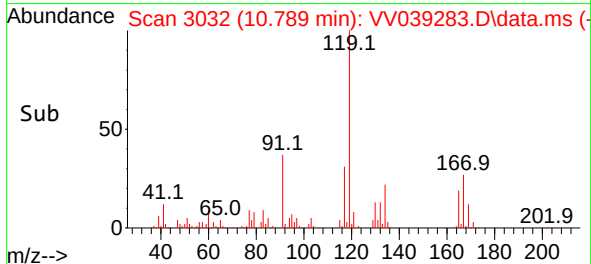
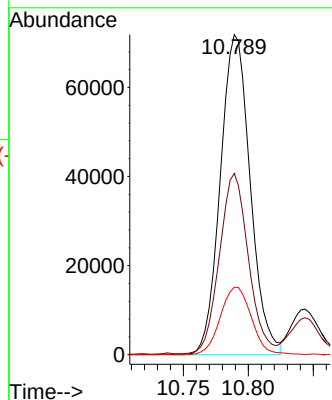
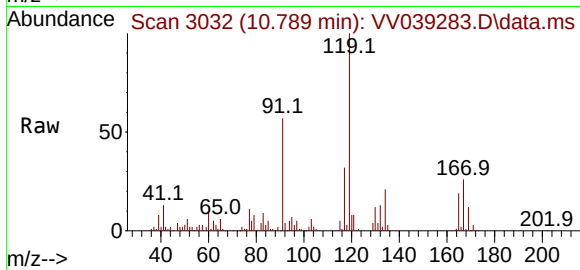
Tgt Ion:119 Resp: 114952

Ion Ratio Lower Upper

119 100

91 54.4 28.2 84.7

134 21.8 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 4.093 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039283.D

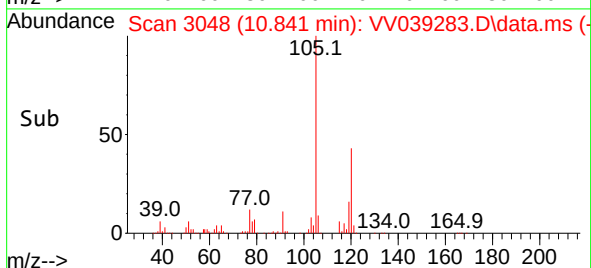
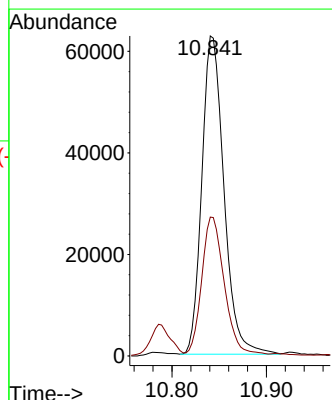
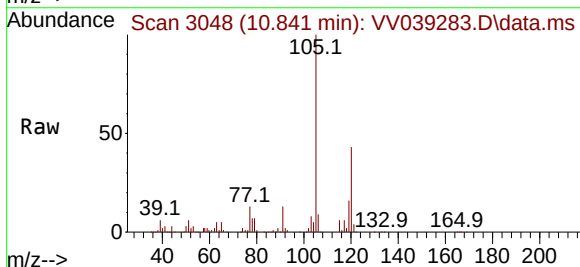
Acq: 07 Oct 2025 10:03

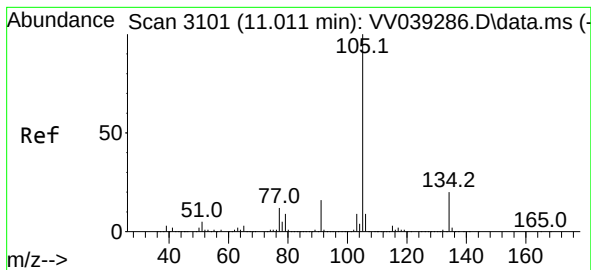
Tgt Ion:105 Resp: 102036

Ion Ratio Lower Upper

105 100

120 43.7 22.8 68.4





#85

sec-Butylbenzene

Concen: 4.416 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

Instrument :

MSVOA_V

ClientSampleId :

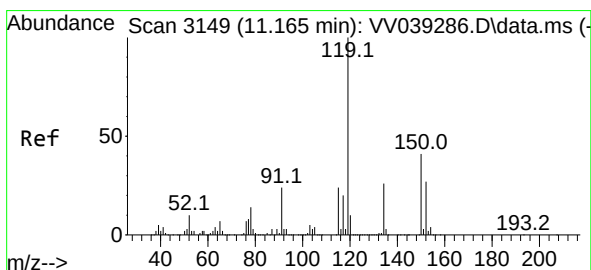
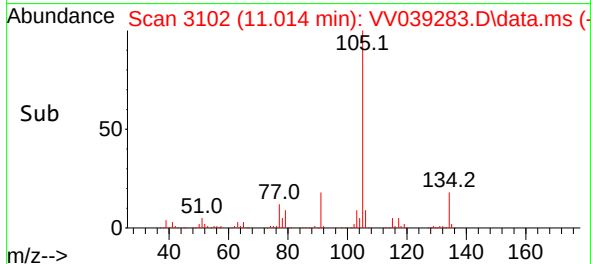
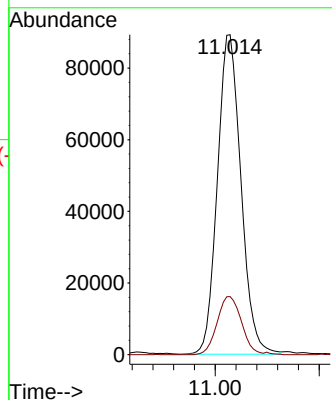
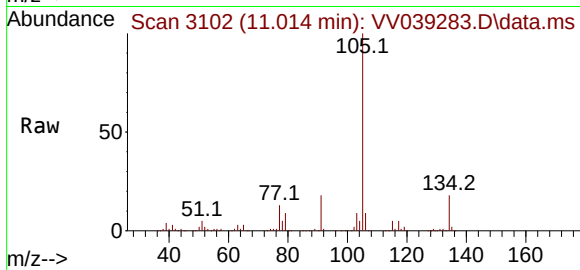
VSTDIC005

Tgt Ion:105 Resp: 140416

Ion Ratio Lower Upper

105 100

134 18.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 4.377 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

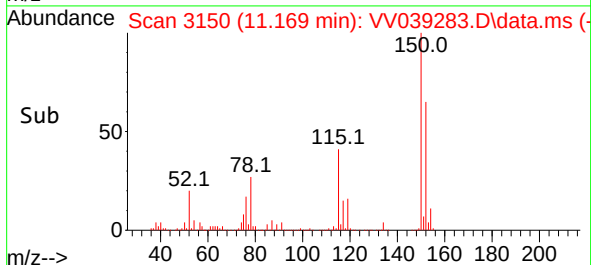
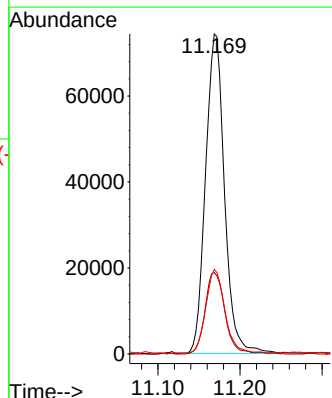
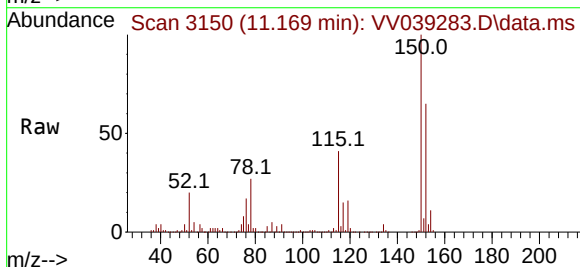
Tgt Ion:119 Resp: 119647

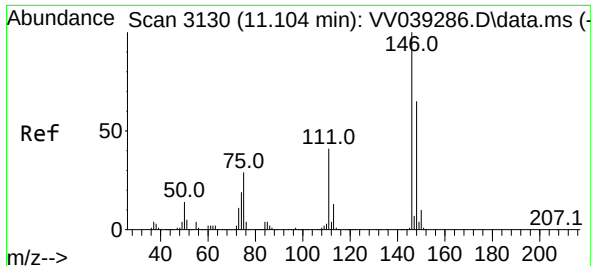
Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

91 26.6 12.2 36.4

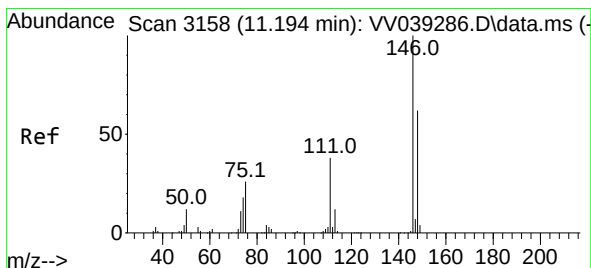
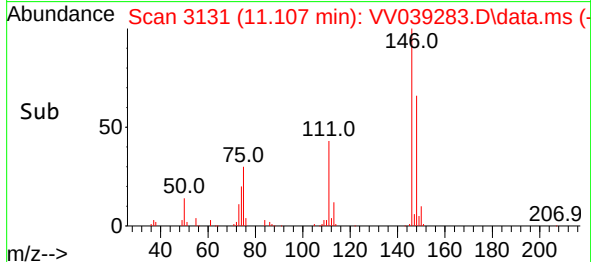
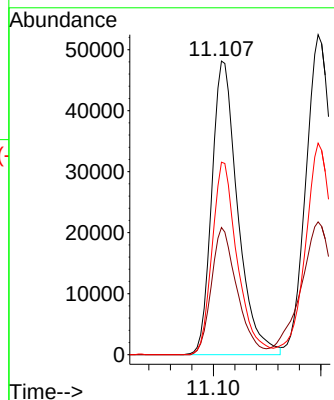
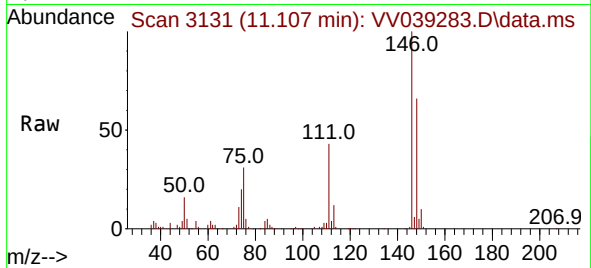




#87
1,3-Dichlorobenzene
Concen: 4.876 ug/l
RT: 11.107 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

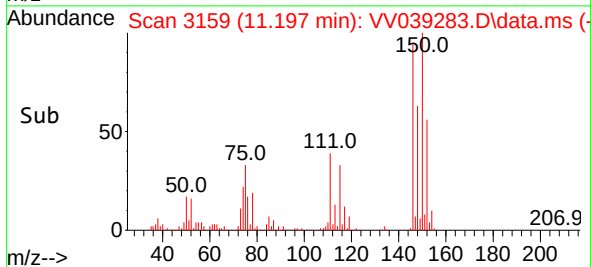
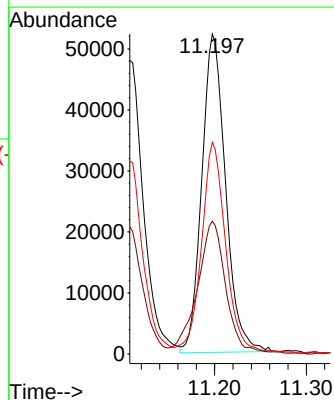
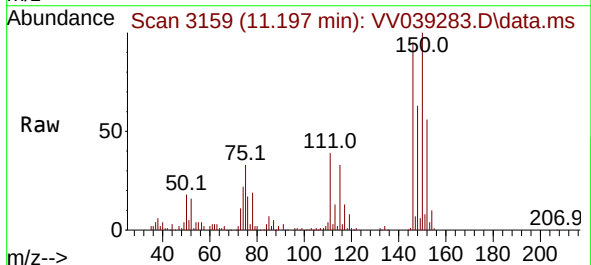
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

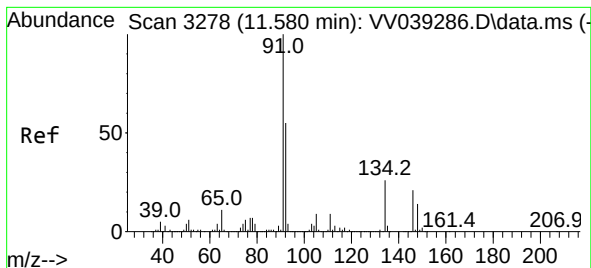
Tgt Ion:146 Resp: 80737
Ion Ratio Lower Upper
146 100
111 42.7 20.6 61.8
148 63.6 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 5.032 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039283.D
Acq: 07 Oct 2025 10:03

Tgt Ion:146 Resp: 93915
Ion Ratio Lower Upper
146 100
111 48.4 19.7 59.0
148 66.9 31.5 94.5





#89

n-Butylbenzene

Concen: 4.421 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

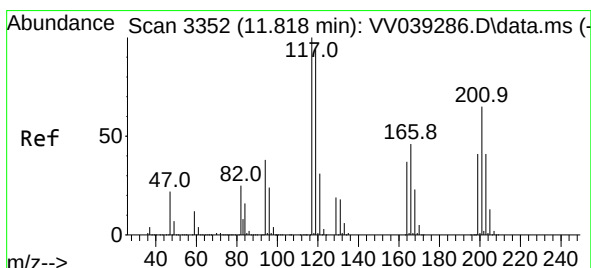
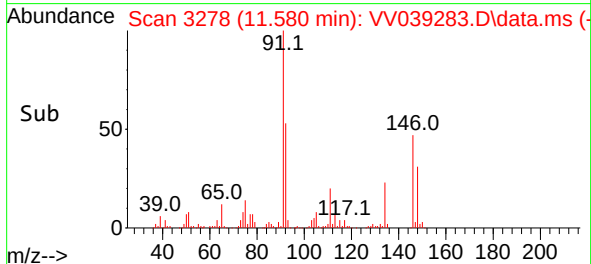
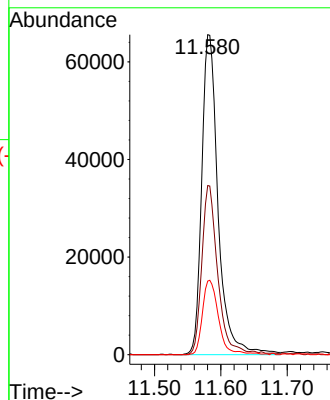
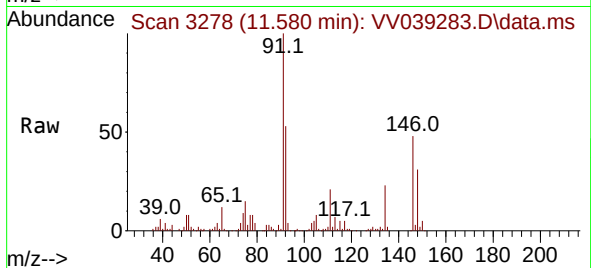
Tgt Ion: 91 Resp: 112555

Ion Ratio Lower Upper

91 100

92 50.9 26.9 80.6

134 22.6 12.6 37.8



#90

Hexachloroethane

Concen: 5.356 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV039283.D

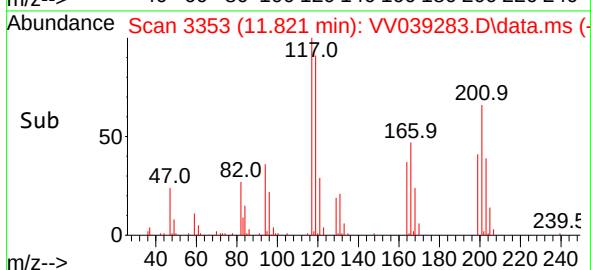
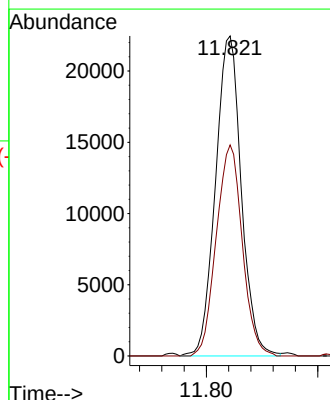
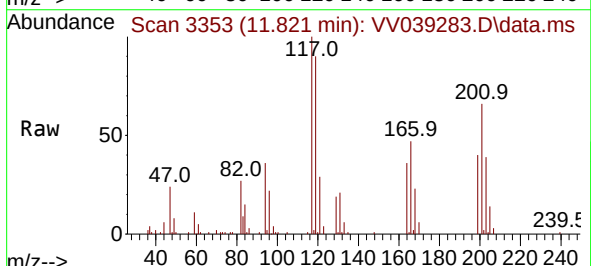
Acq: 07 Oct 2025 10:03

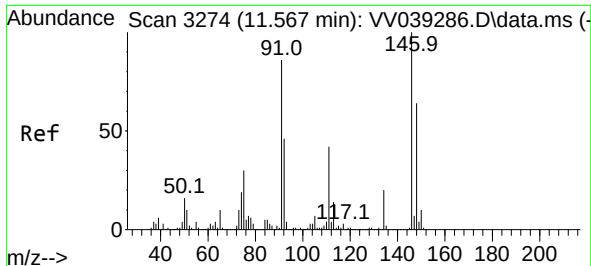
Tgt Ion: 117 Resp: 36205

Ion Ratio Lower Upper

117 100

201 66.3 33.7 101.1

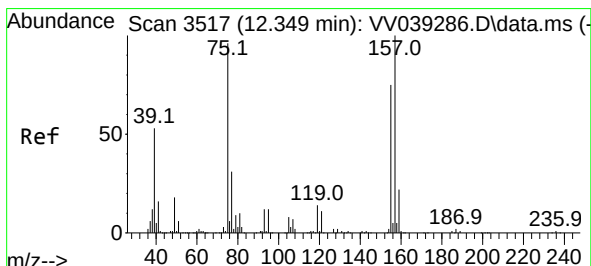
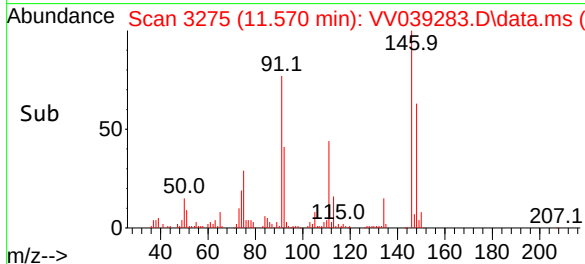
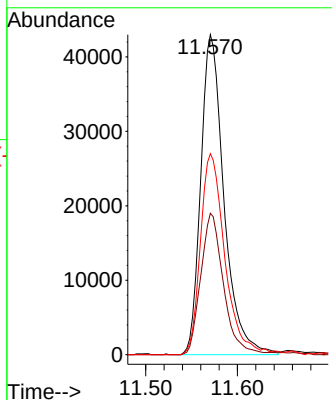
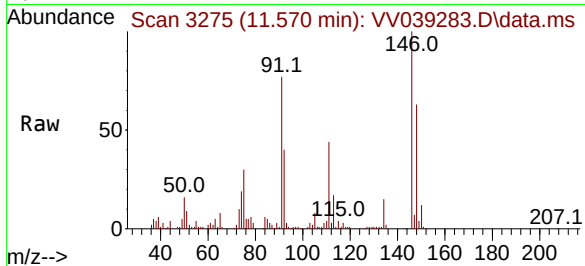




#91
 1,2-Dichlorobenzene
 Concen: 4.806 ug/l
 RT: 11.570 min Scan# 3119
 Delta R.T. 0.003 min
 Lab File: VV039283.D
 Acq: 07 Oct 2025 10:03

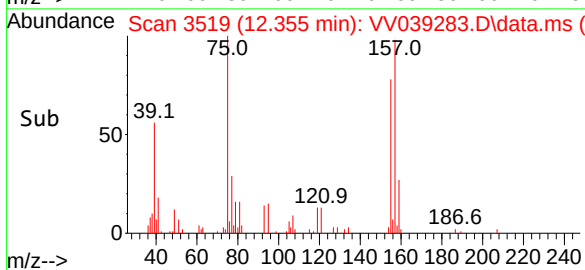
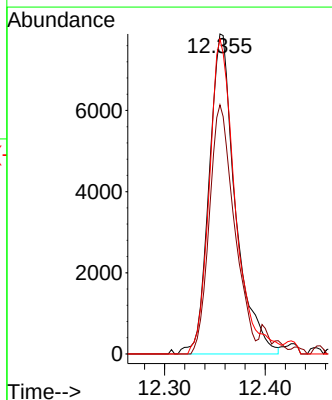
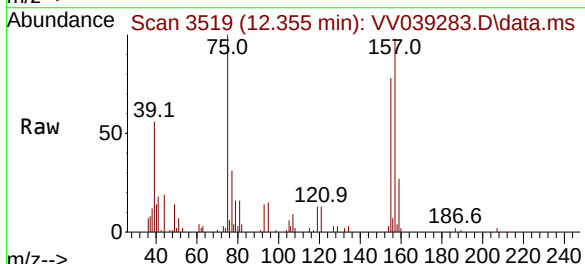
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

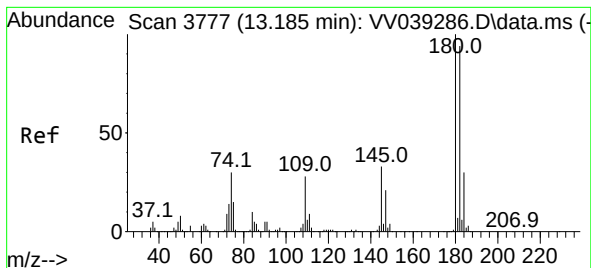
Tgt Ion:146 Resp: 75697
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.3 64.0
 148 66.1 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.011 ug/l
 RT: 12.355 min Scan# 3519
 Delta R.T. 0.006 min
 Lab File: VV039283.D
 Acq: 07 Oct 2025 10:03

Tgt Ion: 75 Resp: 14288
 Ion Ratio Lower Upper
 75 100
 155 73.9 40.8 122.5
 157 97.4 53.3 160.0





#93

1,2,4-Trichlorobenzene

Concen: 4.381 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

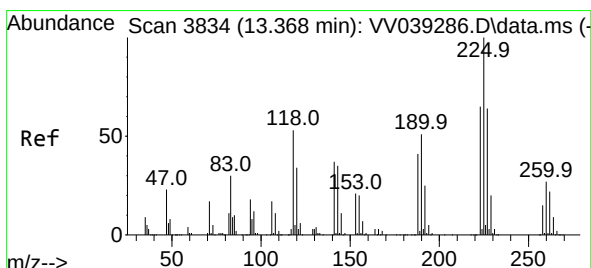
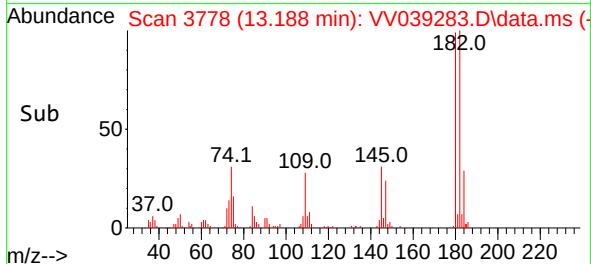
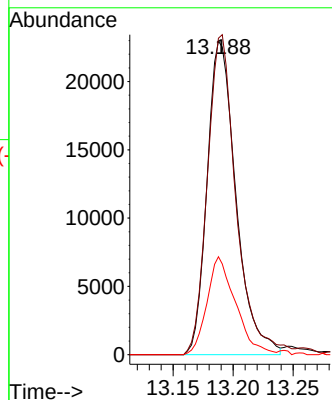
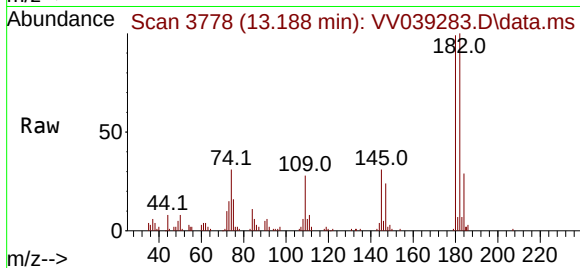
Tgt Ion:180 Resp: 38484

Ion Ratio Lower Upper

180 100

182 101.5 47.3 141.9

145 30.9 16.3 48.9



#94

Hexachlorobutadiene

Concen: 4.932 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

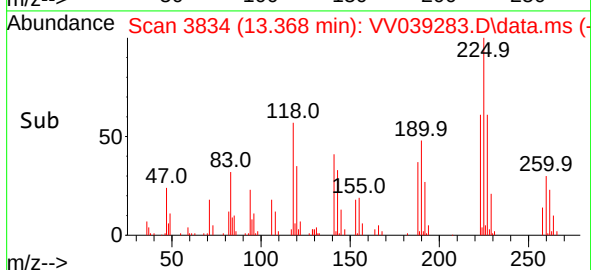
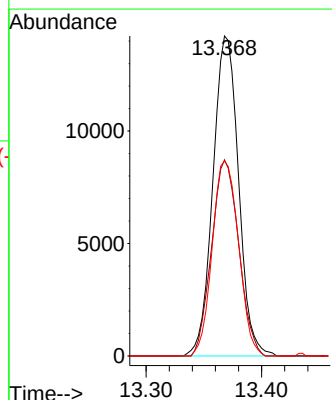
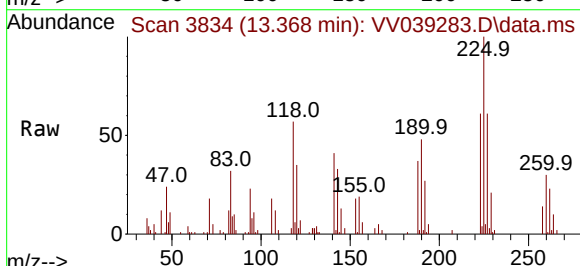
Tgt Ion:225 Resp: 21935

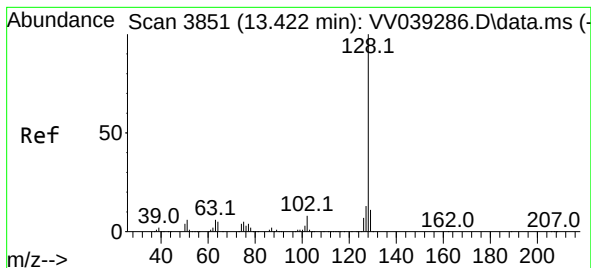
Ion Ratio Lower Upper

225 100

223 64.7 31.3 93.8

227 62.5 31.7 95.1





#95

Naphthalene

Concen: 3.951 ug/l

RT: 13.429 min Scan# 3853

Delta R.T. 0.006 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

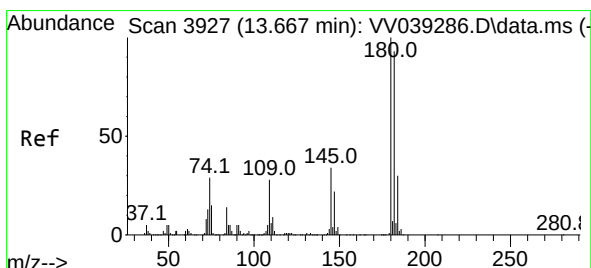
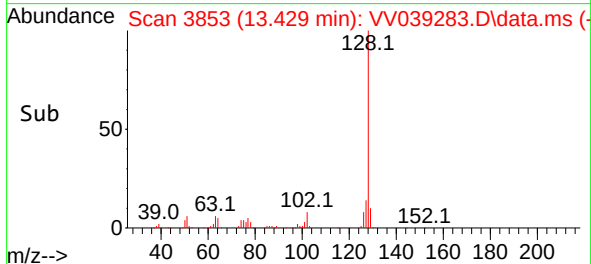
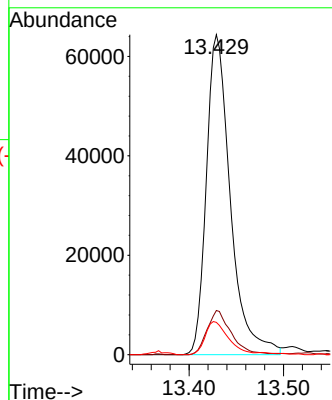
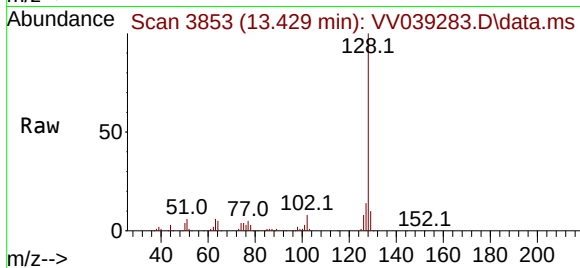
Tgt Ion:128 Resp: 113700

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 10.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 4.315 ug/l

RT: 13.670 min Scan# 3928

Delta R.T. 0.003 min

Lab File: VV039283.D

Acq: 07 Oct 2025 10:03

Tgt Ion:180 Resp: 39397

Ion Ratio Lower Upper

180 100

182 96.9 46.7 140.1

145 34.7 17.2 51.5

