

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100725\
 Data File : VV039285.D
 Acq On : 07 Oct 2025 10:47
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 08 04:41:45 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	684929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1068943	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1038940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	599936	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	207395	21.310	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	42.620%#
35) Dibromofluoromethane	4.503	113	182463	21.664	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	43.320%#
50) Toluene-d8	7.236	98	637652	22.254	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	44.500%#
62) 4-Bromofluorobenzene	10.001	95	221880	21.743	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	43.480%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	177392	20.491	ug/l	99
3) Chloromethane	1.230	50	172228	19.109	ug/l	100
4) Vinyl Chloride	1.298	62	197329	19.191	ug/l	99
5) Bromomethane	1.497	94	130902	19.621	ug/l	98
6) Chloroethane	1.561	64	128639	21.373	ug/l	99
7) Trichlorofluoromethane	1.725	101	300006	19.099	ug/l	100
8) Diethyl Ether	1.918	74	104544	18.417	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	179412	19.074	ug/l	99
10) Methyl Iodide	2.198	142	162986	20.112	ug/l	98
11) Tert butyl alcohol	2.568	59	190075	100.776	ug/l	100
12) 1,1-Dichloroethene	2.082	96	174487	18.893	ug/l	96
13) Acrolein	2.008	56	116044	102.299	ug/l	100
14) Allyl chloride	2.359	41	274531	18.752	ug/l	100
15) Acrylonitrile	2.674	53	520229	93.008	ug/l	100
16) Acetone	2.121	43	486776	101.524	ug/l	98
17) Carbon Disulfide	2.253	76	479754	18.391	ug/l	100
18) Methyl Acetate	2.381	43	254273	20.162	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	526786	18.951	ug/l	99
20) Methylene Chloride	2.458	84	195948	21.419	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	179212	18.430	ug/l	98
22) Diisopropyl ether	3.217	45	519314	19.757	ug/l	89
23) Vinyl Acetate	3.191	43	2249046	97.463	ug/l	100
24) 1,1-Dichloroethane	3.118	63	327296	18.586	ug/l	99
25) 2-Butanone	3.870	43	606140	102.132	ug/l	99
26) 2,2-Dichloropropane	3.812	77	264468	18.646	ug/l	99
27) cis-1,2-Dichloroethene	3.822	96	180096	18.498	ug/l	96
28) Bromochloromethane	4.146	49	153641	19.964	ug/l	98
29) Tetrahydrofuran	4.240	42	383152	100.710	ug/l	97
30) Chloroform	4.278	83	342239	19.058	ug/l	98
31) Cyclohexane	4.584	56	248657	19.387	ug/l	97
32) 1,1,1-Trichloroethane	4.516	97	297779	18.965	ug/l	99
36) 1,1-Dichloropropene	4.748	75	207722	19.636	ug/l	100
37) Ethyl Acetate	3.979	43	237243	19.219	ug/l	96
38) Carbon Tetrachloride	4.735	117	255516	19.056	ug/l	100
39) Methylcyclohexane	6.050	83	229452	18.978	ug/l	98
40) Benzene	5.011	78	678777	19.996	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	95028	19.025	ug/l	95
42) 1,2-Dichloroethane	5.043	62	229561	19.269	ug/l	99
43) Isopropyl Acetate	5.198	43	331186	19.633	ug/l	99
44) Trichloroethene	5.834	130	168843	19.779	ug/l	96
45) 1,2-Dichloropropane	6.092	63	164657	19.934	ug/l	100
46) Dibromomethane	6.227	93	133300	19.307	ug/l	100
47) Bromodichloromethane	6.426	83	266348	19.579	ug/l	100
48) Methyl methacrylate	6.301	41	143078	19.048	ug/l	99
49) 1,4-Dioxane	6.294	88	58694	469.721	ug/l	94
51) 4-Methyl-2-Pentanone	7.149	43	1211982	107.743	ug/l	99
52) Toluene	7.310	92	427535	20.859	ug/l	100
53) t-1,3-Dichloropropene	7.577	75	237681	19.991	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	268074	20.281	ug/l	98
55) 1,1,2-Trichloroethane	7.764	97	182850	19.757	ug/l	98
56) Ethyl methacrylate	7.719	69	209723	20.297	ug/l	99
57) 1,3-Dichloropropane	7.934	76	284148	20.346	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.815	63	589392	98.113	ug/l	100
59) 2-Hexanone	8.066	43	908449	110.005	ug/l	96
60) Dibromochloromethane	8.169	129	212222	19.612	ug/l	98
61) 1,2-Dibromoethane	8.275	107	192471	19.973	ug/l	100
64) Tetrachloroethene	7.899	164	153650	20.274	ug/l	97
65) Chlorobenzene	8.805	112	475825	19.346	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	175260	19.024	ug/l	100
67) Ethyl Benzene	8.937	91	718792	19.840	ug/l	97
68) m/p-Xylenes	9.063	106	609583	42.423	ug/l	99
69) o-Xylene	9.468	106	253402	19.969	ug/l	97
70) Styrene	9.487	104	486311	21.538	ug/l	99
71) Bromoform	9.654	173	147076	19.741	ug/l #	100
73) Isopropylbenzene	9.857	105	731989	20.093	ug/l	100
74) N-amyl acetate	9.725	43	285451	18.876	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.165	83	302311	18.070	ug/l	98
76) 1,2,3-Trichloropropane	10.198	75	216610	18.090	ug/l	99
77) Bromobenzene	10.140	156	194095	19.381	ug/l	98
78) n-propylbenzene	10.278	91	887506	20.077	ug/l	100
79) 2-Chlorotoluene	10.349	91	559619	20.505	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	632709	20.708	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	92057	19.416	ug/l	99
82) 4-Chlorotoluene	10.464	91	650385	20.733	ug/l	99
83) tert-Butylbenzene	10.789	119	582590	19.203	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	622532	20.697	ug/l	99
85) sec-Butylbenzene	11.011	105	765416	19.954	ug/l	100
86) p-Isopropyltoluene	11.165	119	666282	20.202	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	396003	19.824	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	424481	18.852	ug/l	99
89) n-Butylbenzene	11.580	91	601624	19.588	ug/l	98
90) Hexachloroethane	11.818	117	147765	18.119	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	359381	18.913	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	61887	17.990	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	201256	18.990	ug/l	98
94) Hexachlorobutadiene	13.368	225	99161	18.478	ug/l	99
95) Naphthalene	13.426	128	660463	19.021	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	211792	19.228	ug/l	97

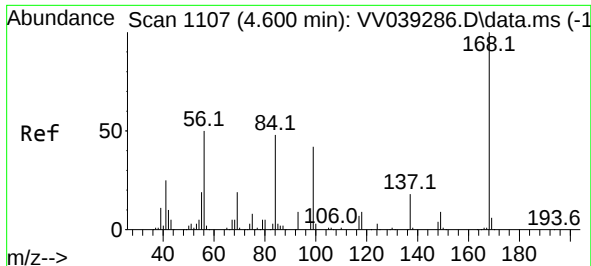
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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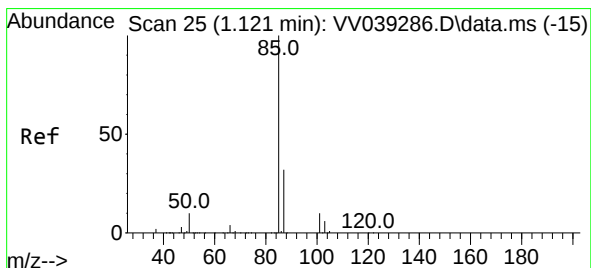
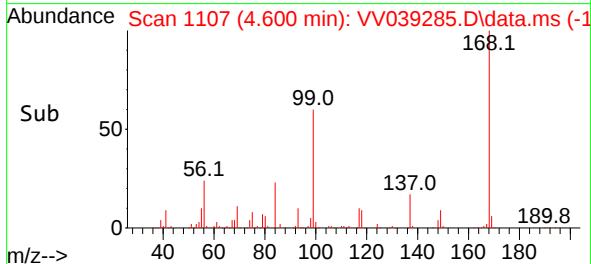
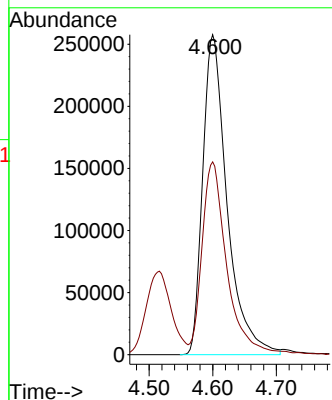
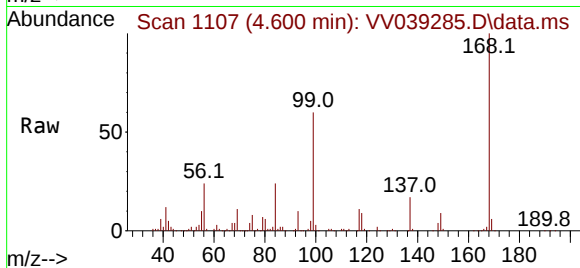
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

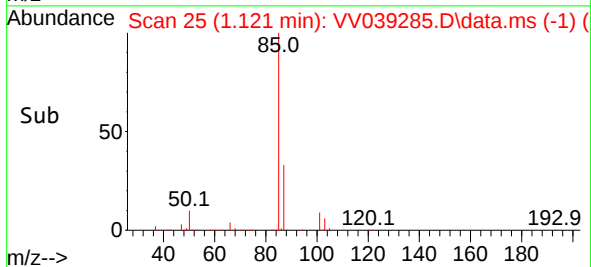
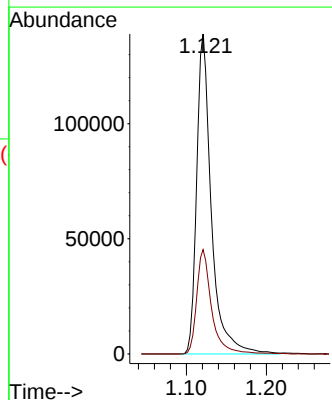
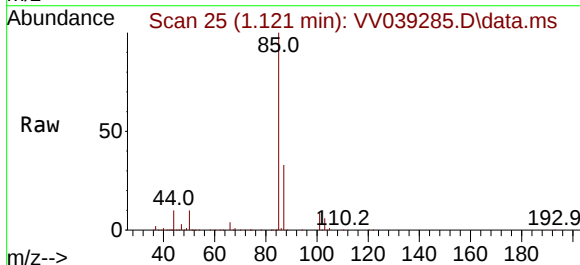
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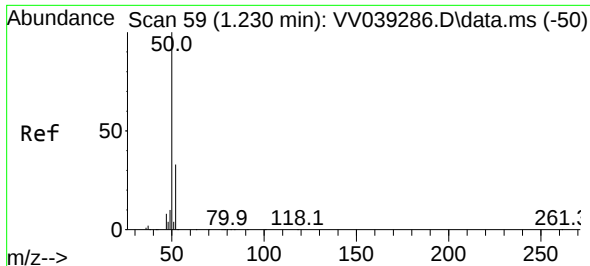
Tgt Ion:168 Resp: 684929
Ion Ratio Lower Upper
168 100
99 59.1 46.6 70.0



#2
Dichlorodifluoromethane
Concen: 20.491 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 85 Resp: 177392
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2

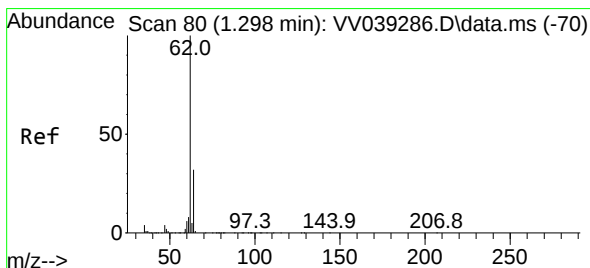
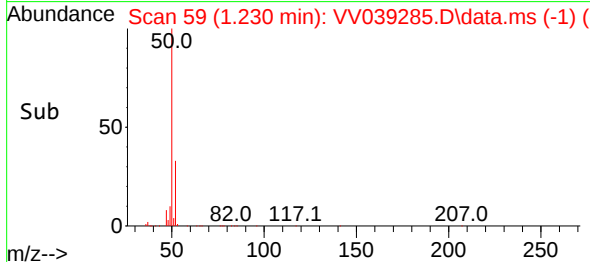
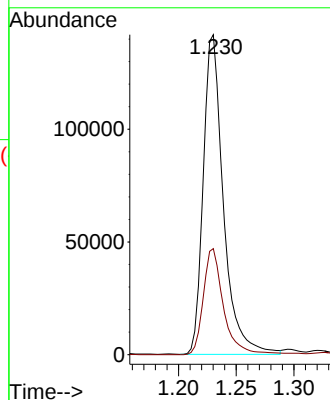
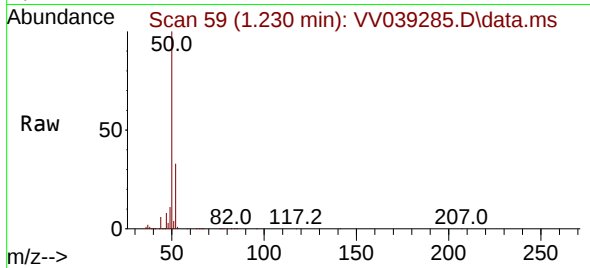




#3
Chloromethane
Concen: 19.109 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

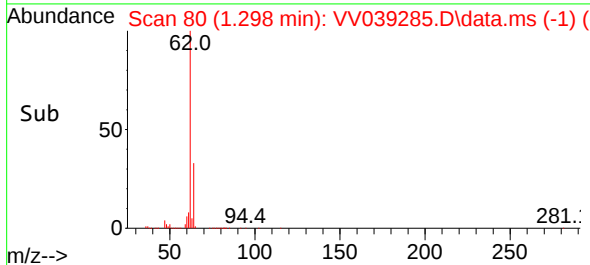
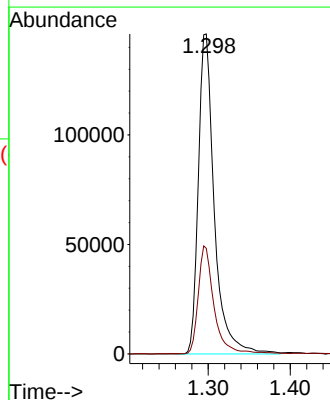
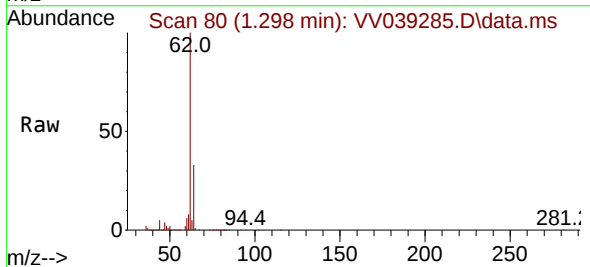
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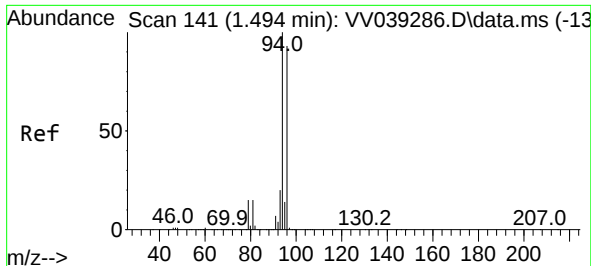
Tgt Ion: 50 Resp: 172228
Ion Ratio Lower Upper
50 100
52 33.2 26.6 39.8



#4
Vinyl Chloride
Concen: 19.191 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 62 Resp: 197329
Ion Ratio Lower Upper
62 100
64 32.9 25.8 38.6

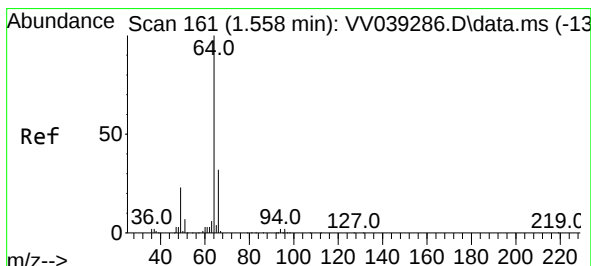
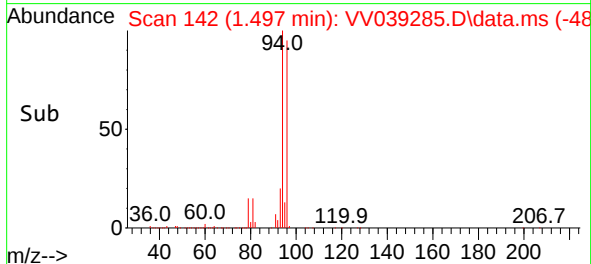
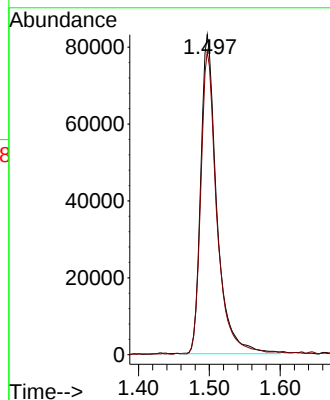
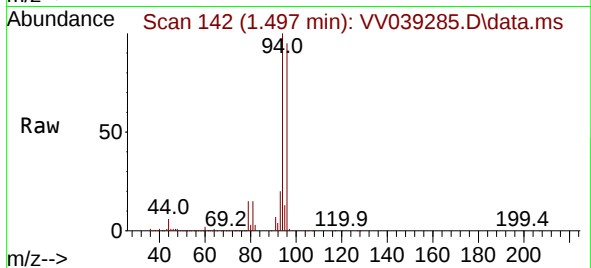




#5
Bromomethane
Concen: 19.621 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

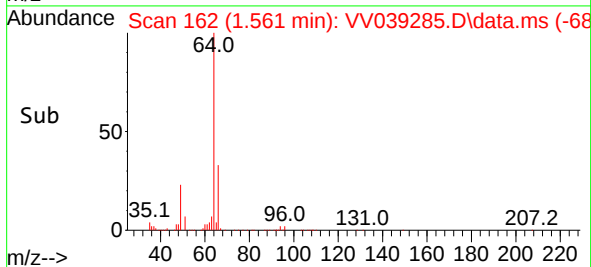
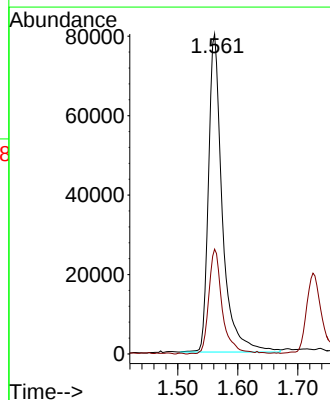
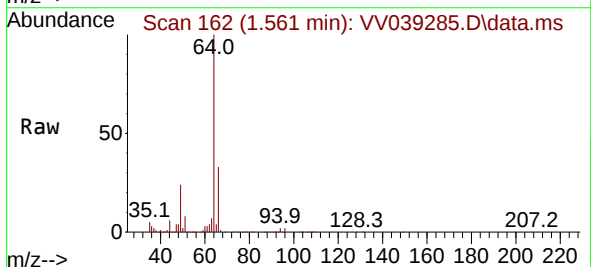
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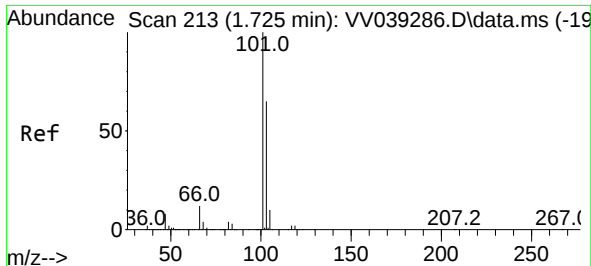
Tgt Ion: 94 Resp: 130902
Ion Ratio Lower Upper
94 100
96 94.8 74.2 111.2



#6
Chloroethane
Concen: 21.373 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 64 Resp: 128639
Ion Ratio Lower Upper
64 100
66 32.7 25.7 38.5

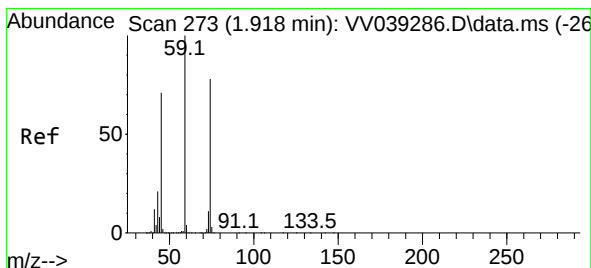
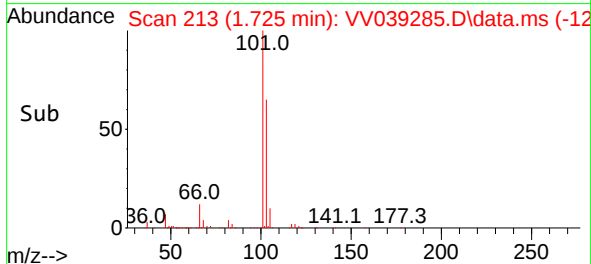
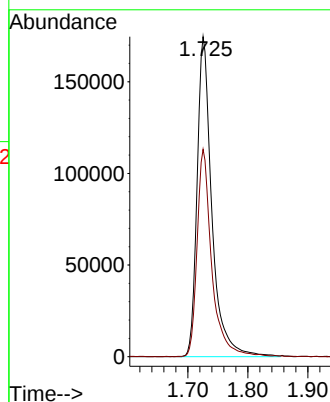
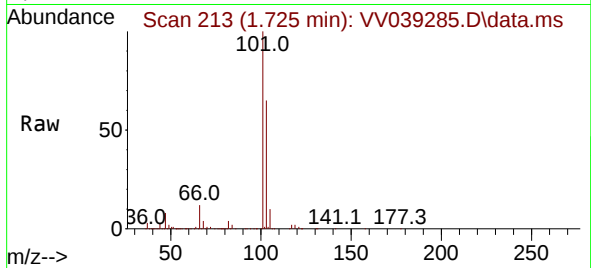




#7
 Trichlorofluoromethane
 Concen: 19.099 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039285.D
 Acq: 07 Oct 2025 10:47

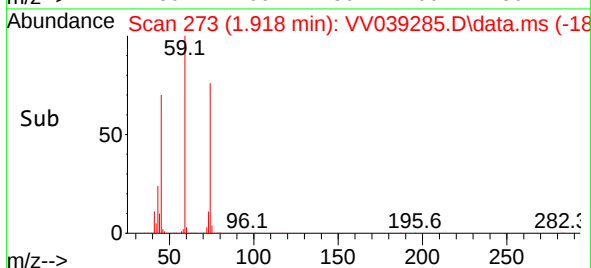
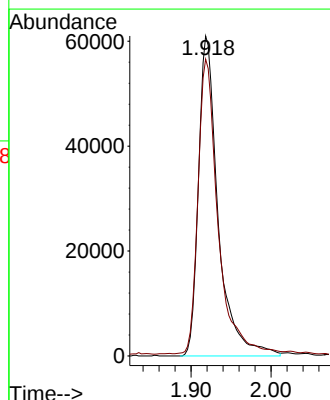
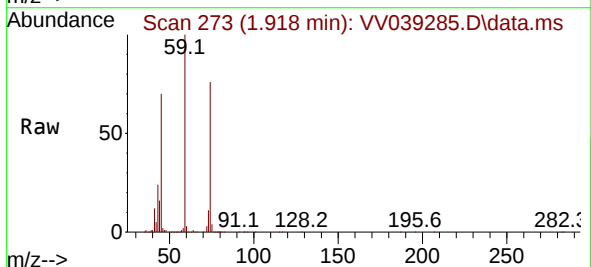
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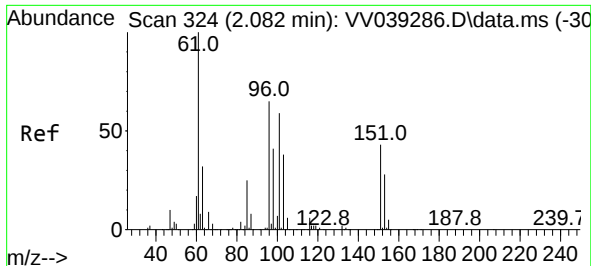
Tgt Ion:101 Resp: 300006
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.0 78.0



#8
 Diethyl Ether
 Concen: 18.417 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039285.D
 Acq: 07 Oct 2025 10:47

Tgt Ion: 74 Resp: 104544
 Ion Ratio Lower Upper
 74 100
 45 93.1 45.9 137.7

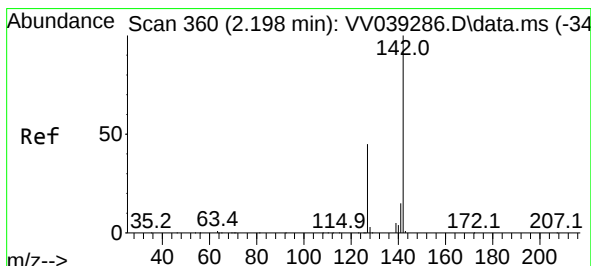
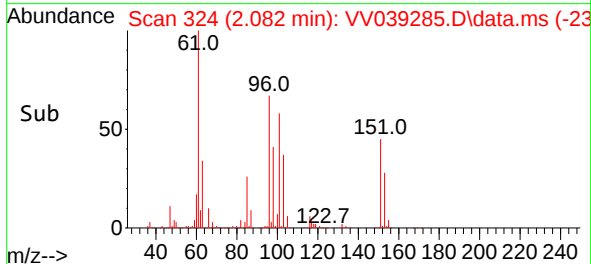
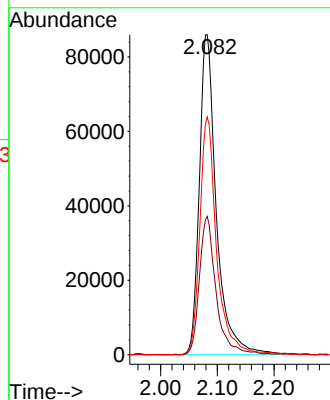
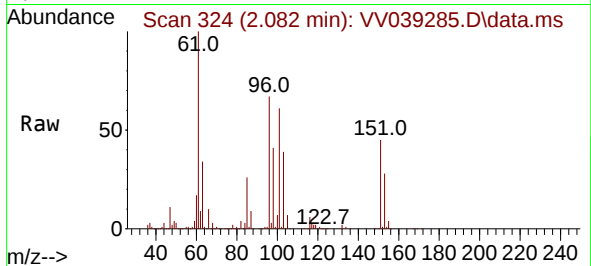




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.074 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039285.D
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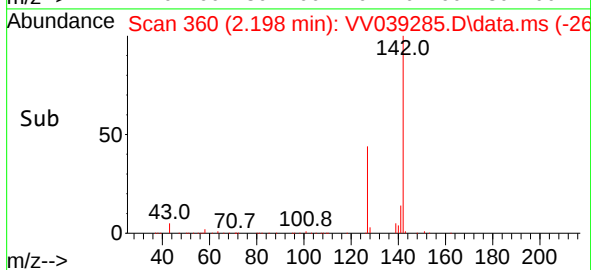
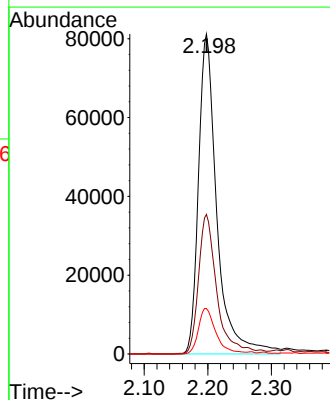
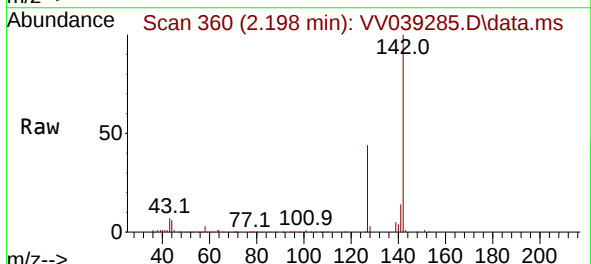
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

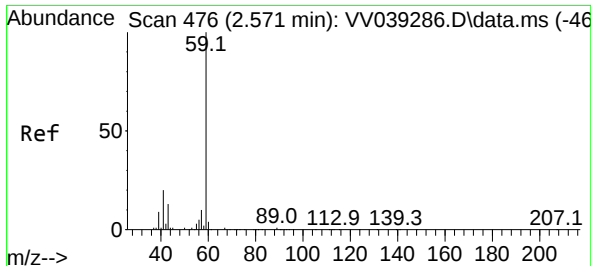
Tgt Ion:101 Resp: 179412
Ion Ratio Lower Upper
101 100
85 42.3 34.0 51.0
151 73.6 58.5 87.7



#10
Methyl Iodide
Concen: 20.112 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion:142 Resp: 162986
Ion Ratio Lower Upper
142 100
127 43.2 35.5 53.3
141 13.6 11.5 17.3

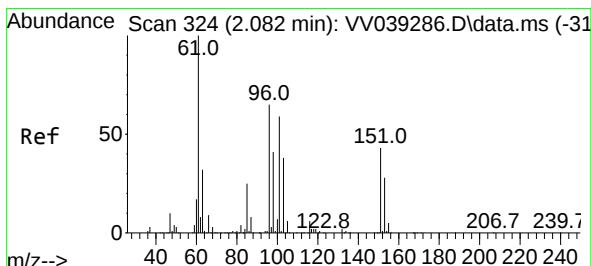
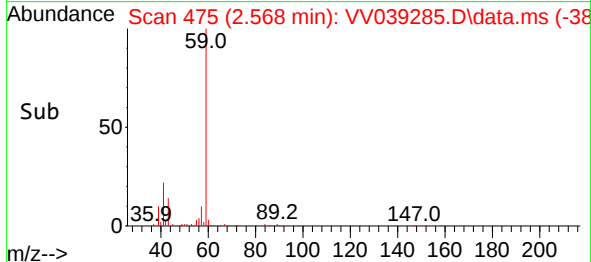
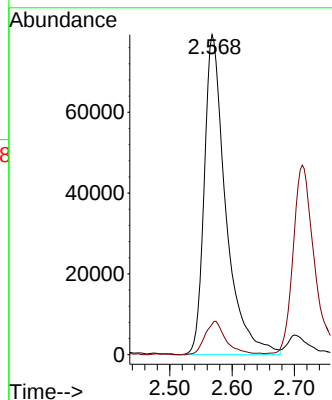
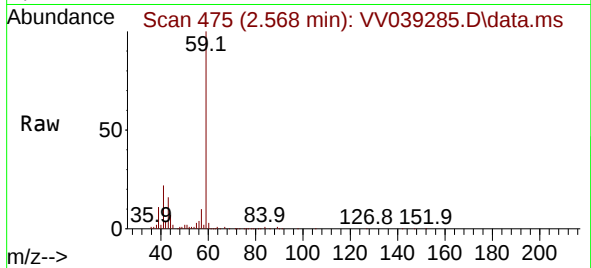




#11
Tert butyl alcohol
Concen: 100.776 ug/l
RT: 2.568 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

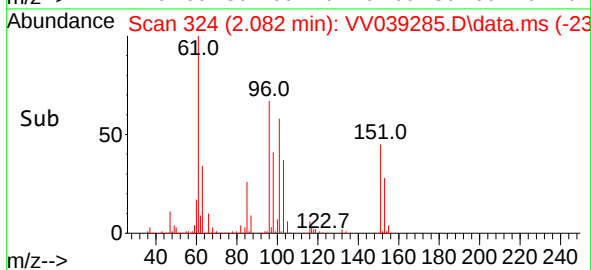
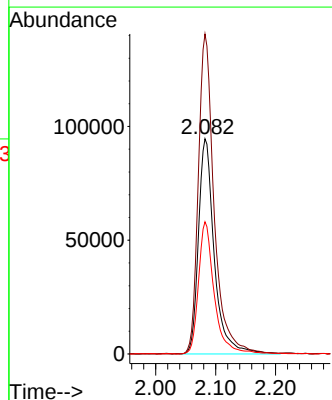
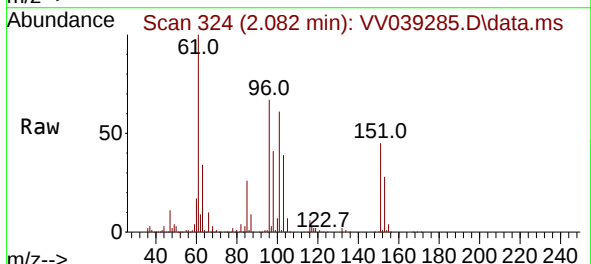
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

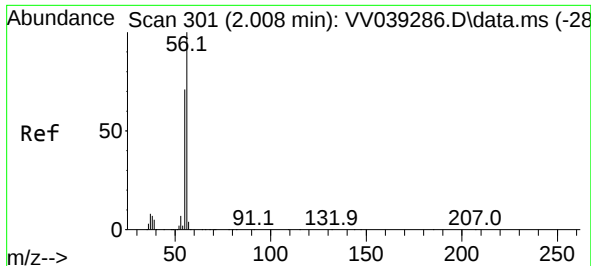
Tgt Ion: 59 Resp: 190075
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 18.893 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 96 Resp: 174487
Ion Ratio Lower Upper
96 100
61 148.5 123.6 185.4
98 61.4 51.1 76.7

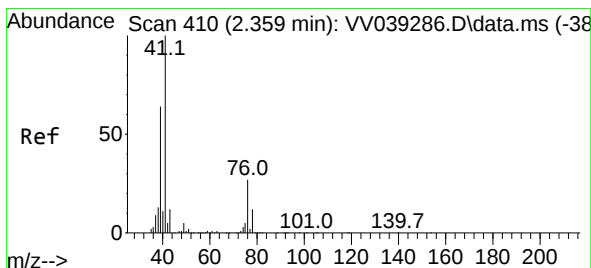
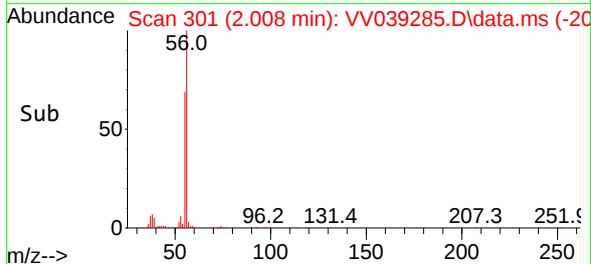
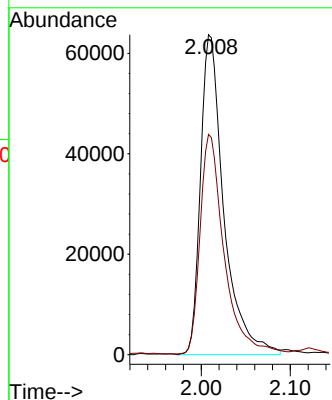
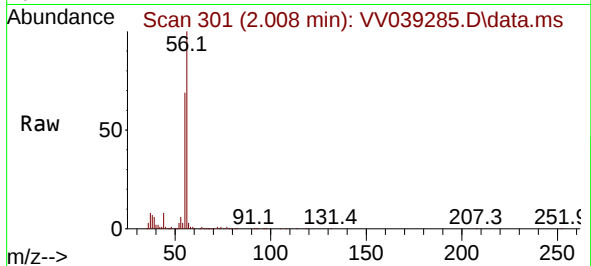




#13
Acrolein
Concen: 102.299 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

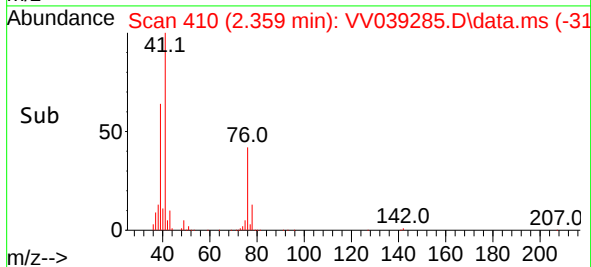
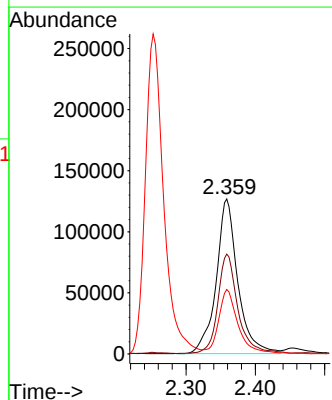
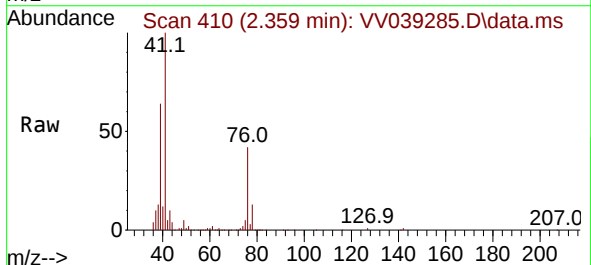
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

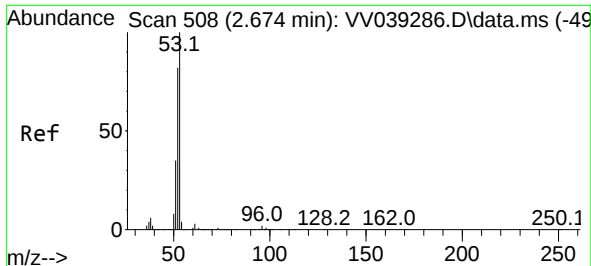
Tgt Ion: 56 Resp: 116044
Ion Ratio Lower Upper
56 100
55 70.5 56.2 84.4



#14
Allyl chloride
Concen: 18.752 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 41 Resp: 274531
Ion Ratio Lower Upper
41 100
39 59.4 47.8 71.6
76 37.5 30.2 45.2

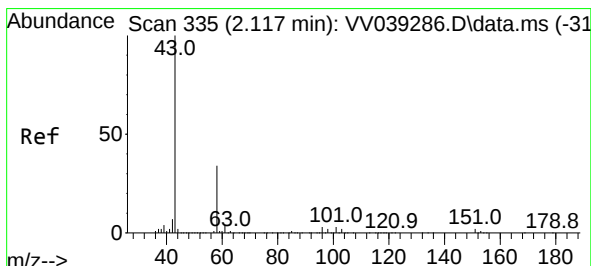
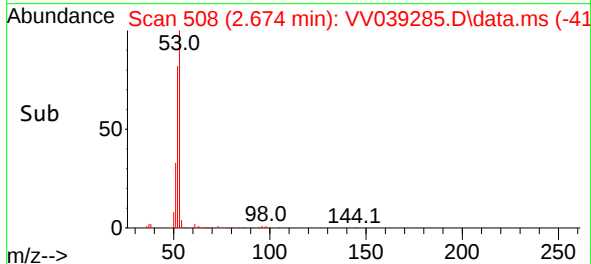
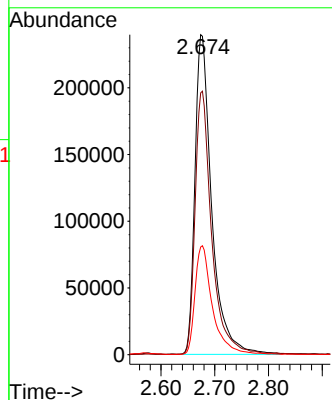
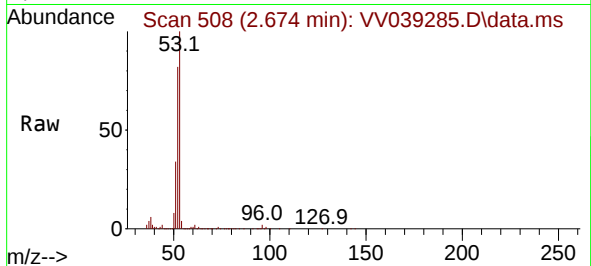




#15
Acrylonitrile
Concen: 93.008 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

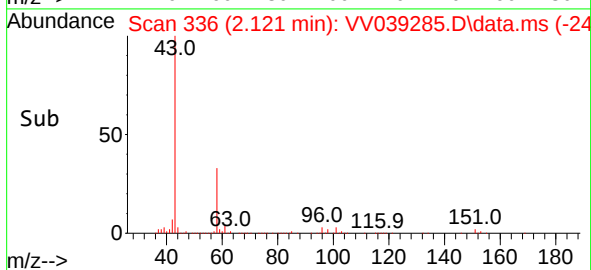
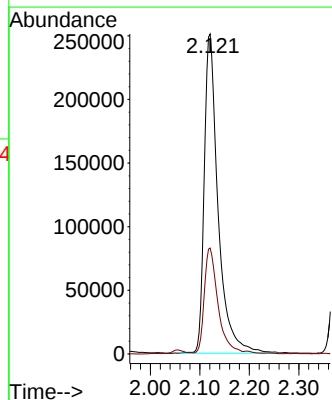
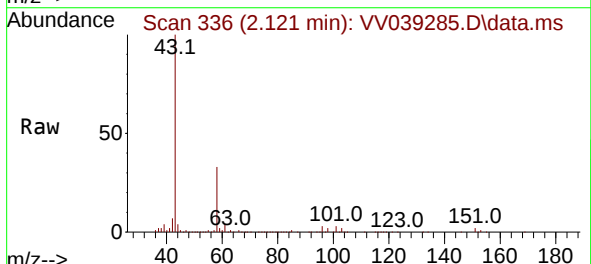
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

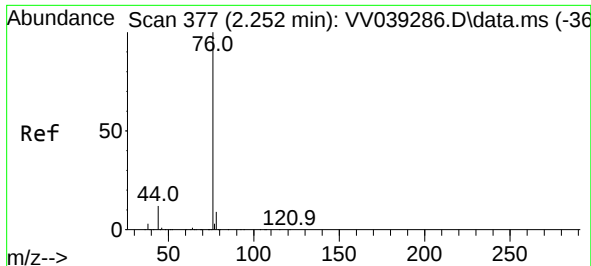
Tgt Ion: 53 Resp: 520229
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.6
51 35.3 27.9 41.9



#16
Acetone
Concen: 101.524 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 43 Resp: 486776
Ion Ratio Lower Upper
43 100
58 33.1 27.5 41.3

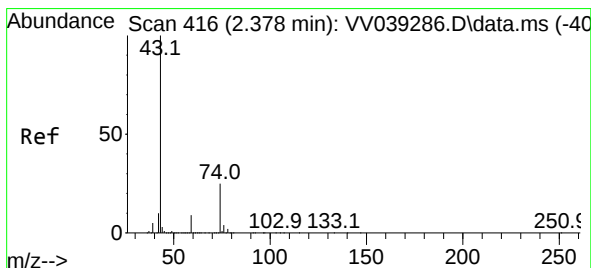
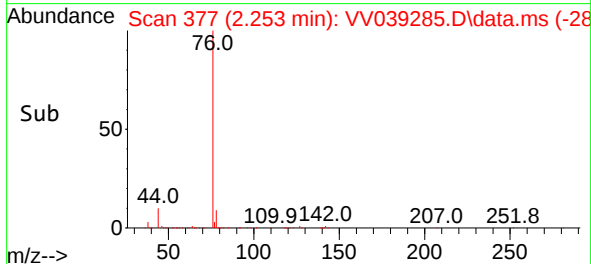
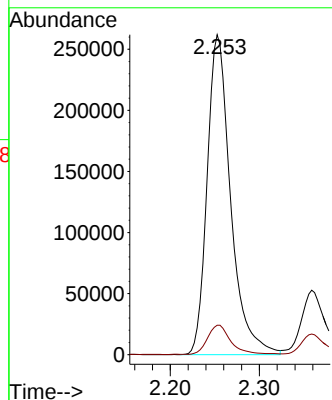
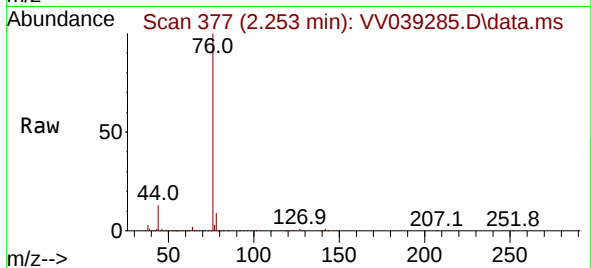




#17
Carbon Disulfide
Concen: 18.391 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

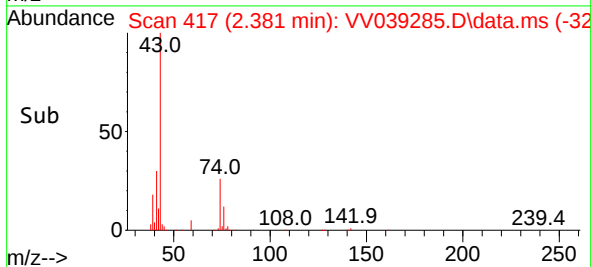
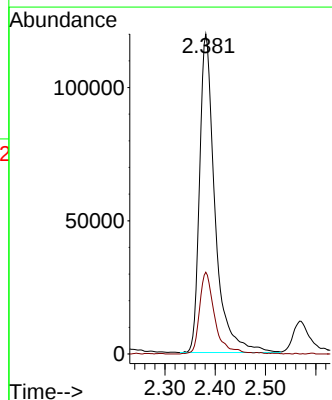
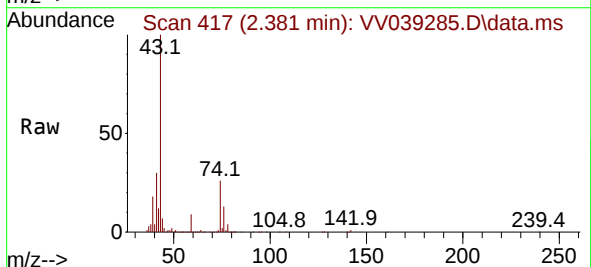
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

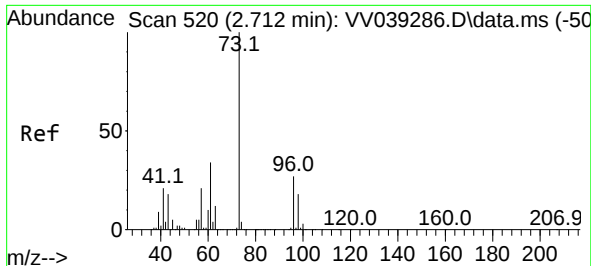
Tgt Ion: 76 Resp: 479754
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 20.162 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 43 Resp: 254273
Ion Ratio Lower Upper
43 100
74 25.4 19.5 29.3

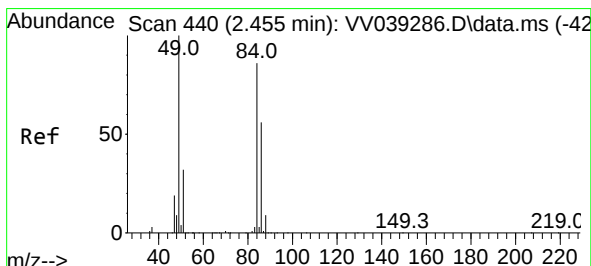
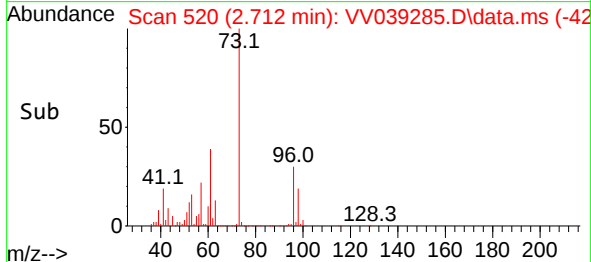
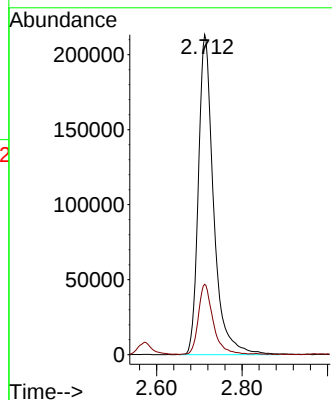
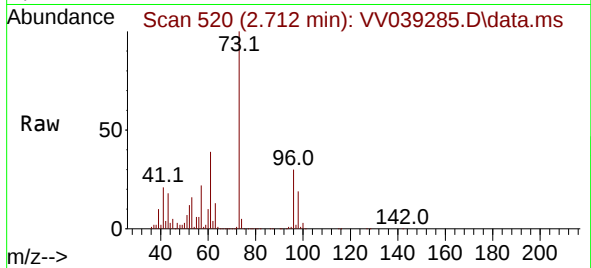




#19
Methyl tert-butyl Ether
Concen: 18.951 ug/l
RT: 2.712 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

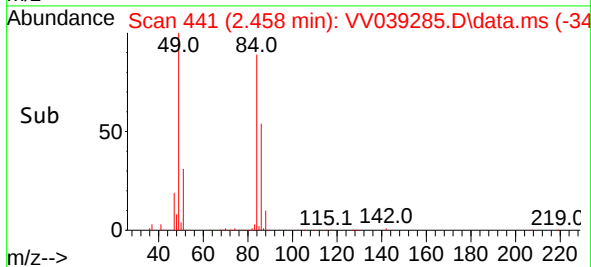
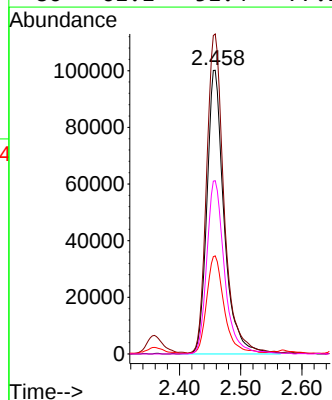
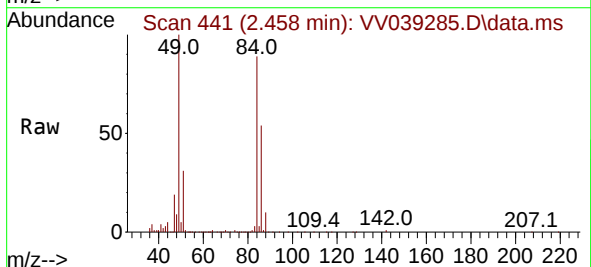
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

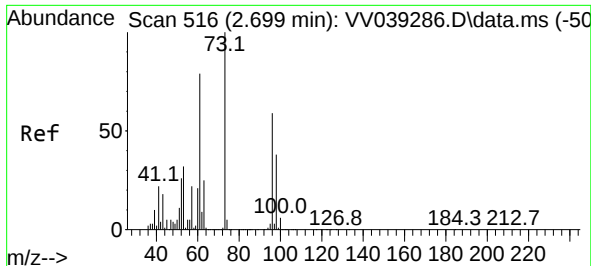
Tgt Ion: 73 Resp: 526786
Ion Ratio Lower Upper
73 100
57 21.9 17.0 25.6



#20
Methylene Chloride
Concen: 21.419 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 84 Resp: 195948
Ion Ratio Lower Upper
84 100
49 112.3 92.6 139.0
51 34.3 29.6 44.4
86 61.1 51.4 77.2

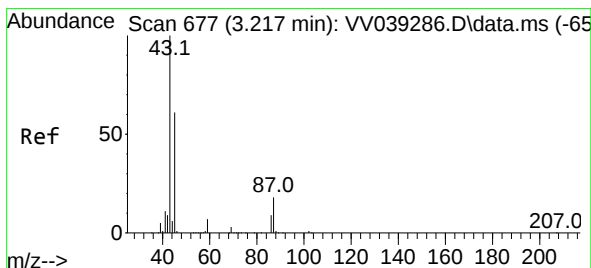
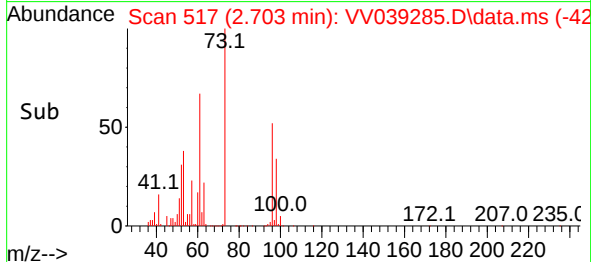
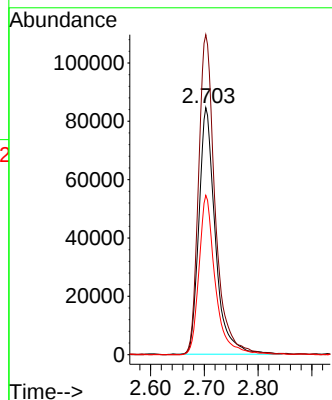
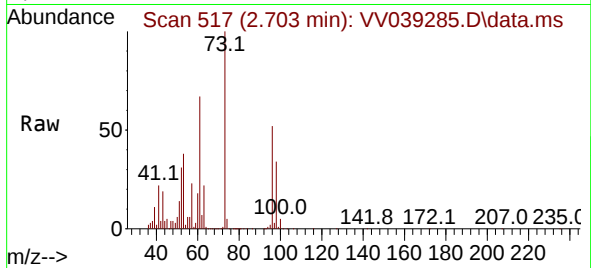




#21
trans-1,2-Dichloroethene
Concen: 18.430 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

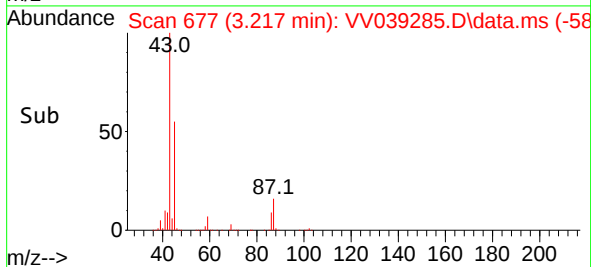
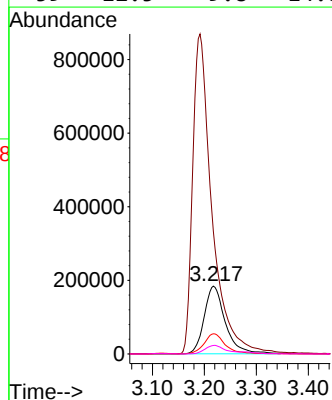
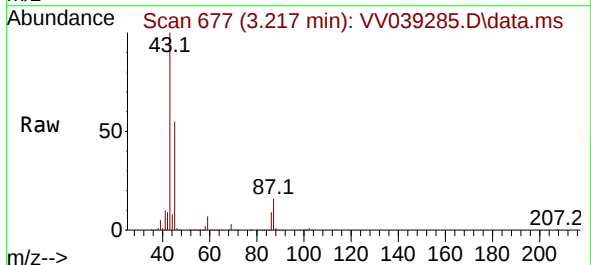
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

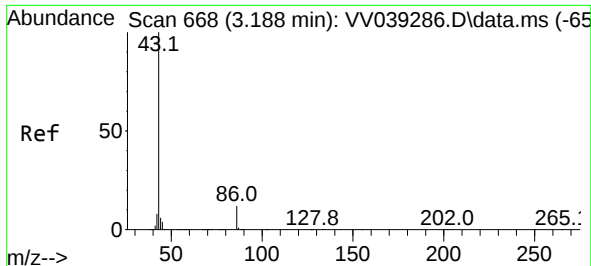
Tgt Ion: 96 Resp: 179212
Ion Ratio Lower Upper
96 100
61 129.8 106.8 160.2
98 64.7 51.1 76.7



#22
Diisopropyl ether
Concen: 19.757 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 45 Resp: 519314
Ion Ratio Lower Upper
45 100
43 181.2 130.8 196.2
87 29.7 23.8 35.8
59 12.5 9.8 14.8

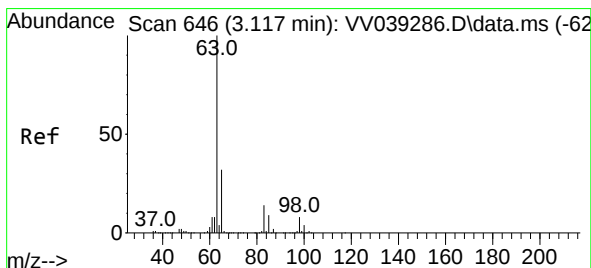
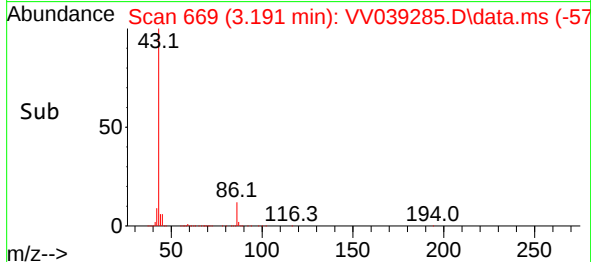
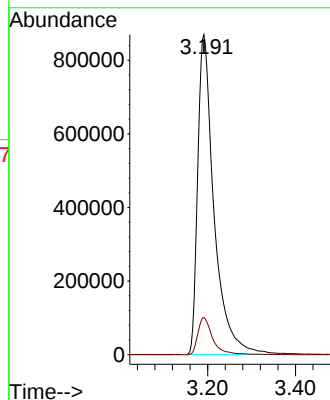
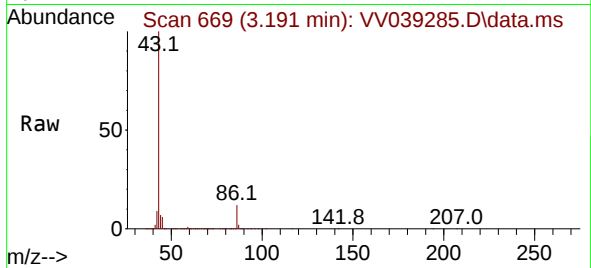




#23
 Vinyl Acetate
 Concen: 97.463 ug/l
 RT: 3.191 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VV039285.D
 Acq: 07 Oct 2025 10:47

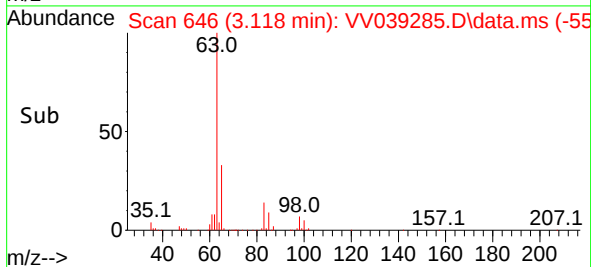
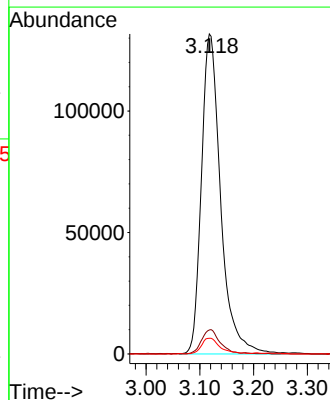
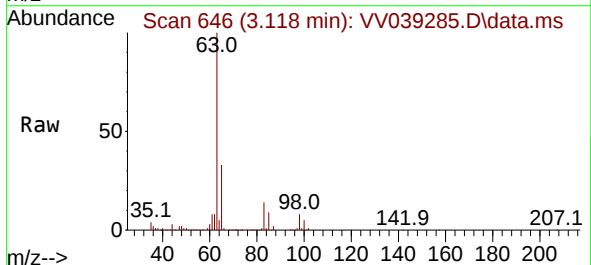
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

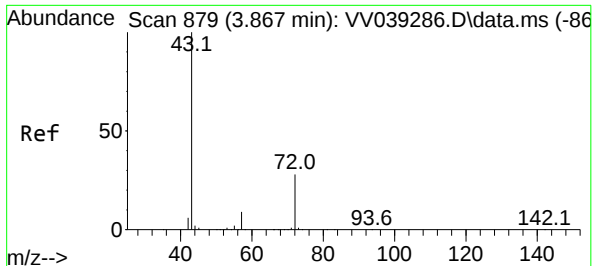
Tgt Ion: 43 Resp: 2249046
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 18.586 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV039285.D
 Acq: 07 Oct 2025 10:47

Tgt Ion: 63 Resp: 327296
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.0
 100 4.8 2.3 6.8

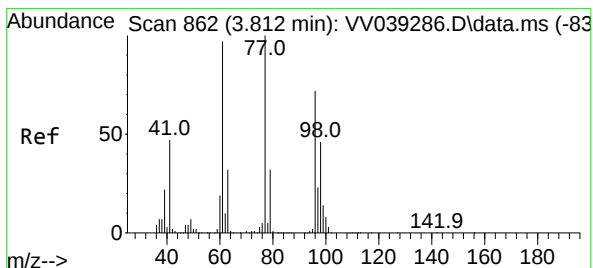
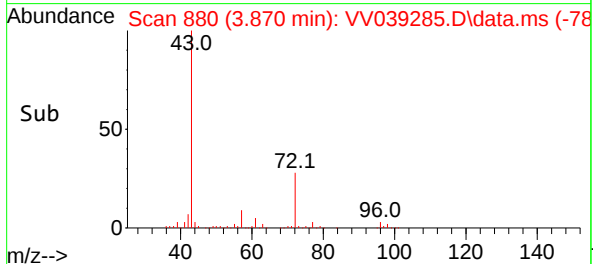
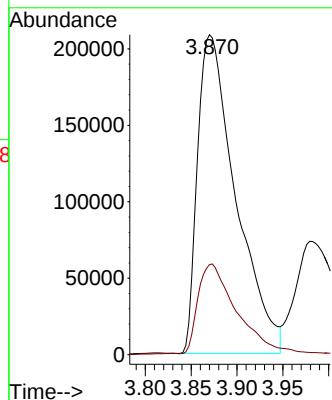
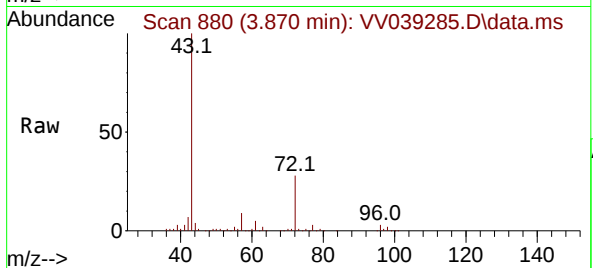




#25
2-Butanone
Concen: 102.132 ug/l
RT: 3.870 min Scan# 879
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

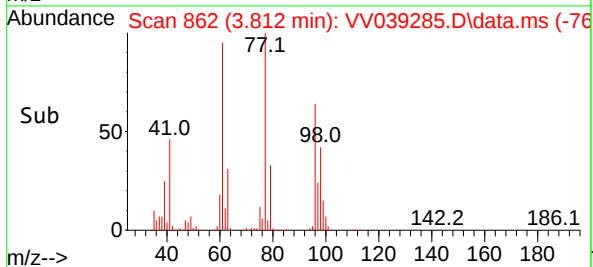
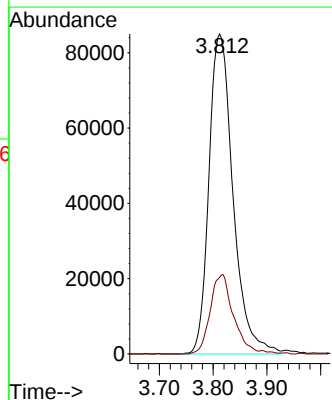
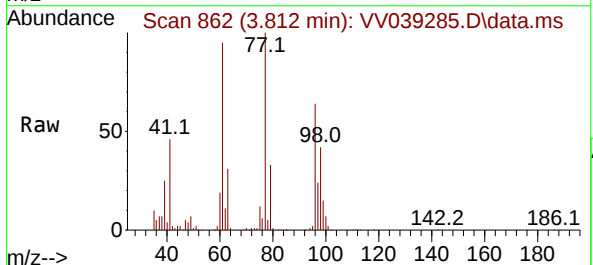
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

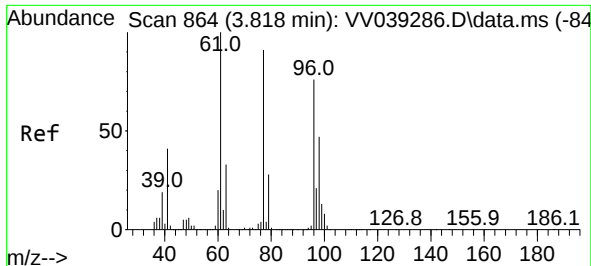
Tgt Ion: 43 Resp: 606140
Ion Ratio Lower Upper
43 100
72 27.9 22.6 34.0



#26
2,2-Dichloropropane
Concen: 18.646 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 77 Resp: 264468
Ion Ratio Lower Upper
77 100
97 23.7 11.6 34.8

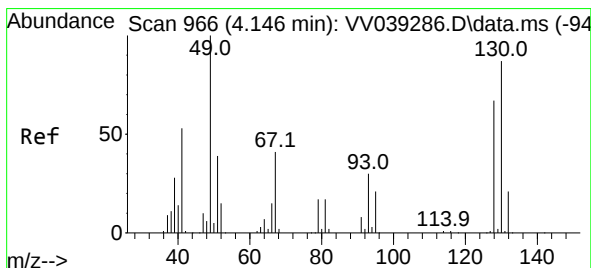
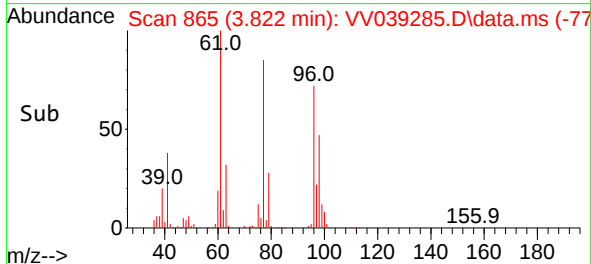
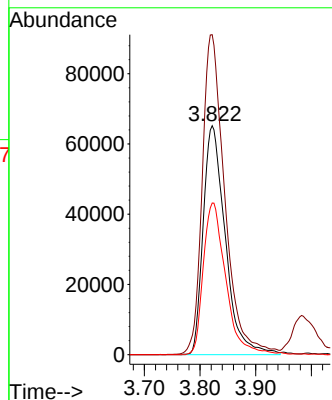
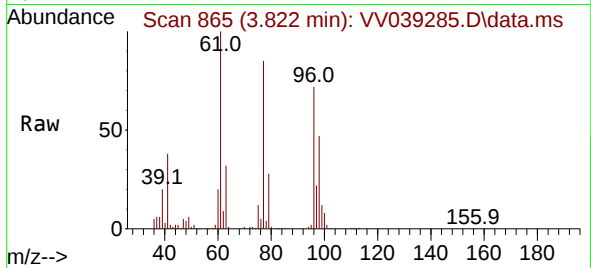




#27
 cis-1,2-Dichloroethene
 Concen: 18.498 ug/l
 RT: 3.822 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV039285.D
 Acq: 07 Oct 2025 10:47

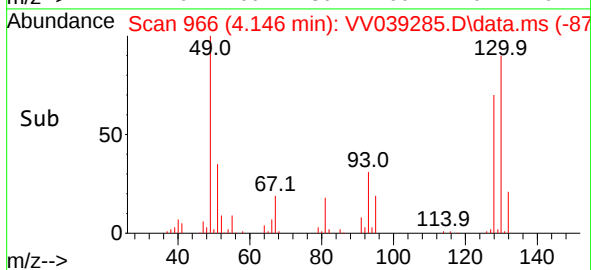
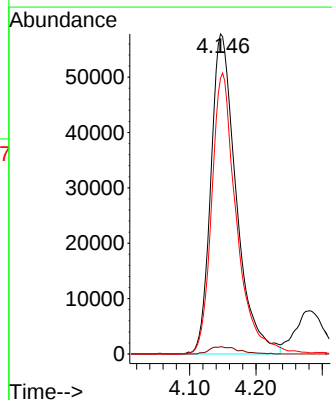
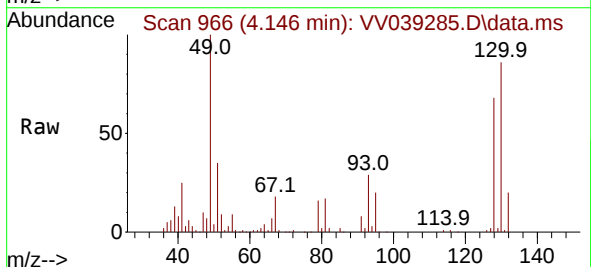
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

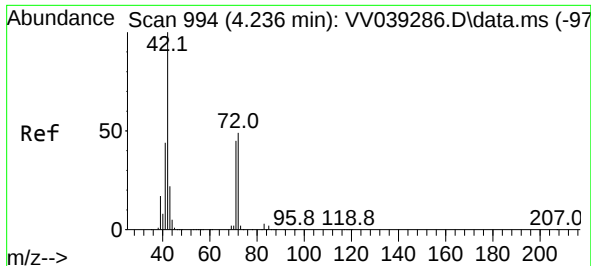
Tgt Ion: 96 Resp: 180096
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 275.0
 98 67.1 0.0 127.8



#28
 Bromochloromethane
 Concen: 19.964 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV039285.D
 Acq: 07 Oct 2025 10:47

Tgt Ion: 49 Resp: 153641
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 85.5 69.5 104.3





#29

Tetrahydrofuran

Concen: 100.710 ug/l

RT: 4.240 min Scan# 994

Delta R.T. 0.003 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

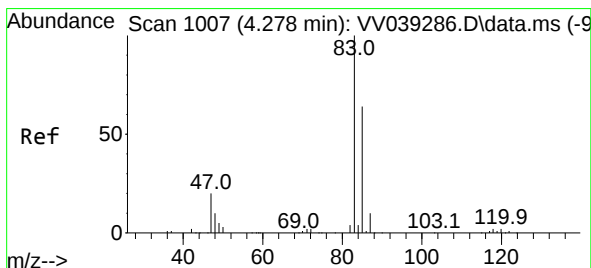
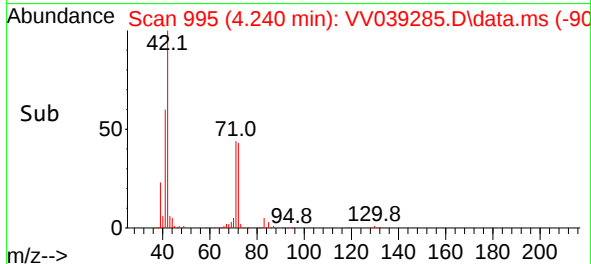
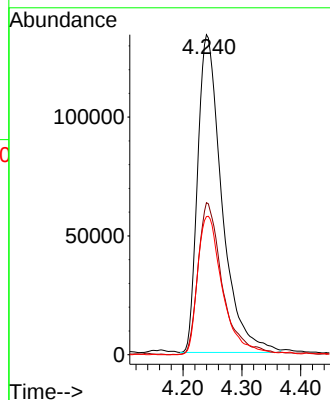
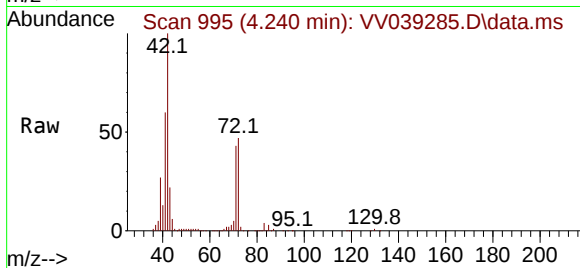
Tgt Ion: 42 Resp: 383152

Ion Ratio Lower Upper

42 100

72 46.9 39.8 59.8

71 45.0 36.5 54.7



#30

Chloroform

Concen: 19.058 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV039285.D

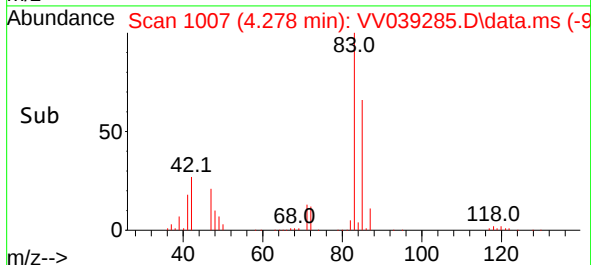
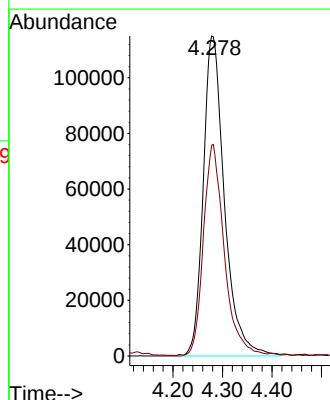
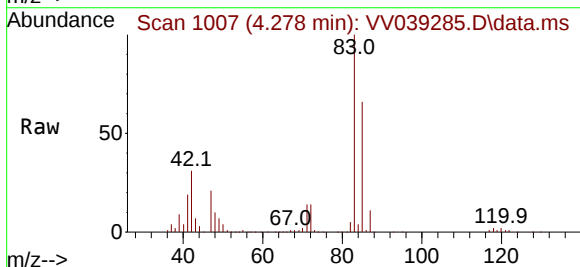
Acq: 07 Oct 2025 10:47

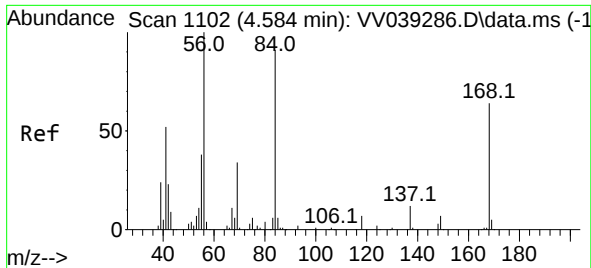
Tgt Ion: 83 Resp: 342239

Ion Ratio Lower Upper

83 100

85 65.5 51.1 76.7

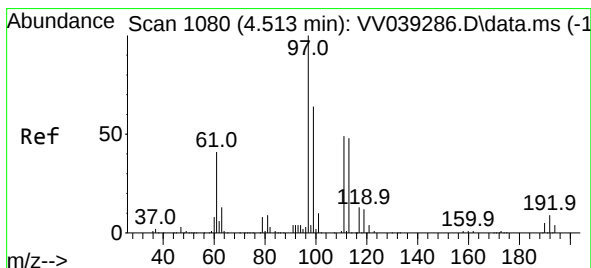
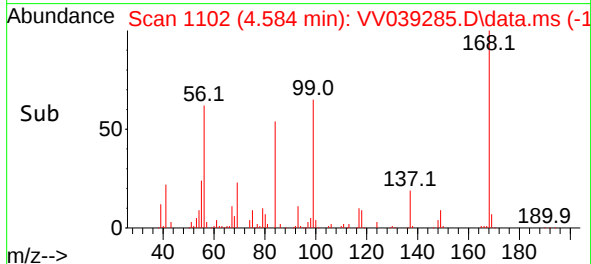
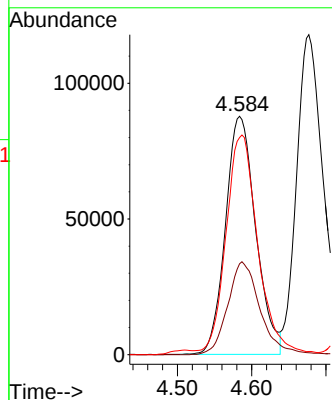
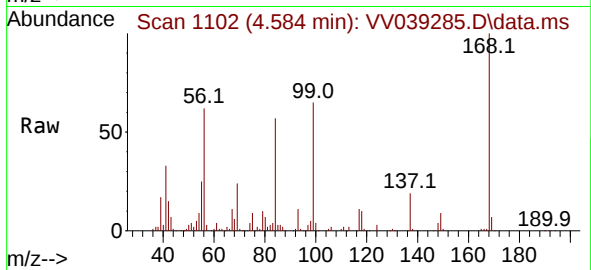




#31
Cyclohexane
Concen: 19.387 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

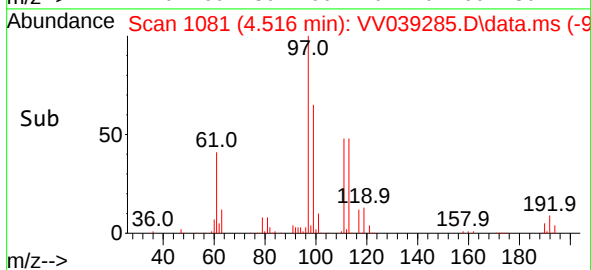
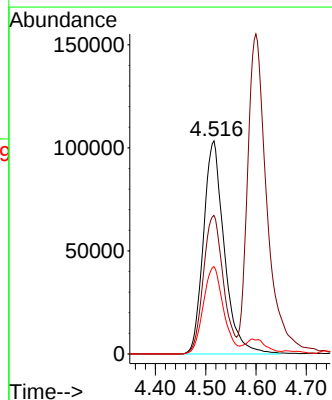
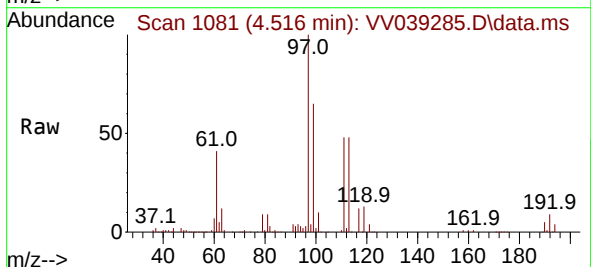
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

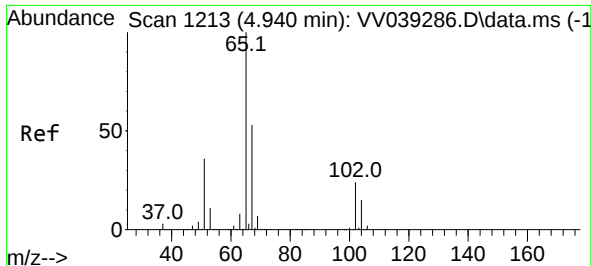
Tgt Ion: 56 Resp: 248657
Ion Ratio Lower Upper
56 100
69 38.2 27.4 41.0
84 89.5 72.8 109.2



#32
1,1,1-Trichloroethane
Concen: 18.965 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 97 Resp: 297779
Ion Ratio Lower Upper
97 100
99 62.2 48.6 72.8
61 39.6 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 21.310 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.003 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

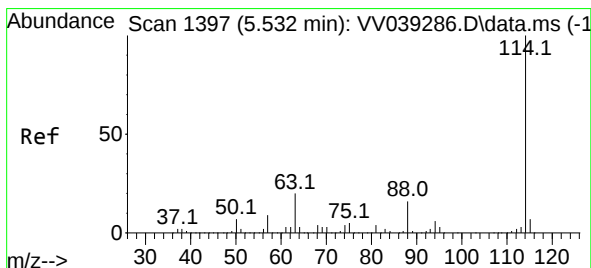
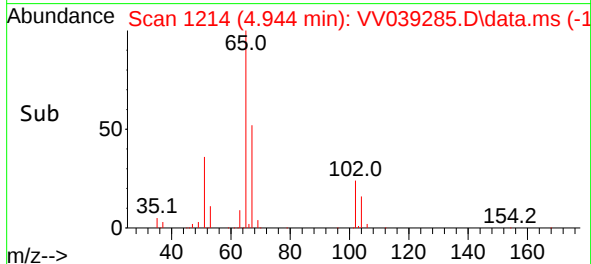
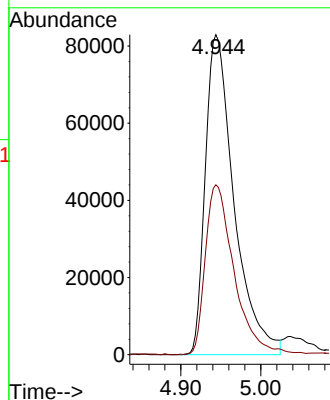
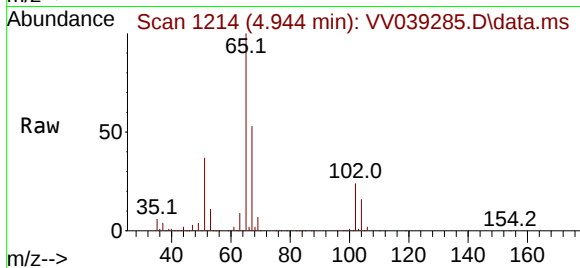
VSTDICC020

Tgt Ion: 65 Resp: 207395

Ion Ratio Lower Upper

65 100

67 53.3 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: VV039285.D

Acq: 07 Oct 2025 10:47

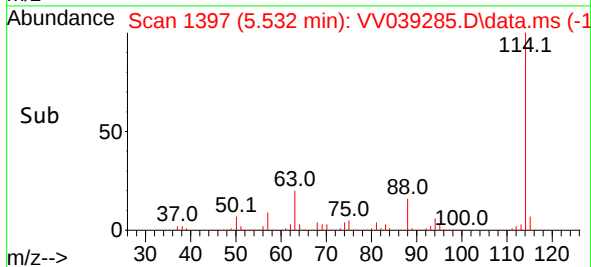
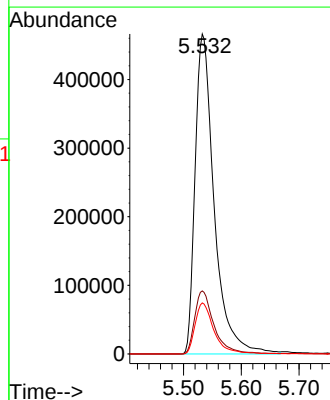
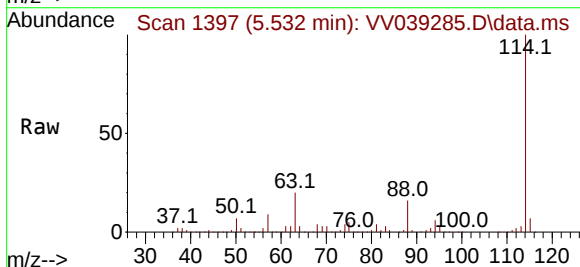
Tgt Ion: 114 Resp: 1068943

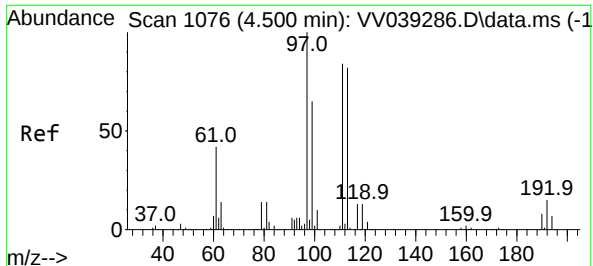
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 21.664 ug/l

RT: 4.503 min Scan# 110

Delta R.T. 0.003 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

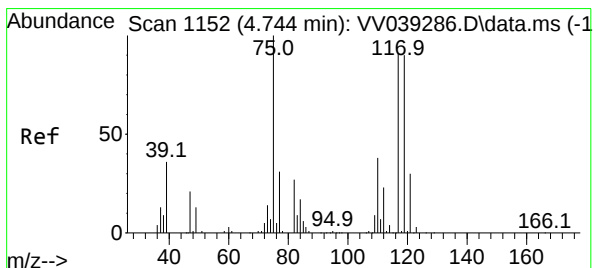
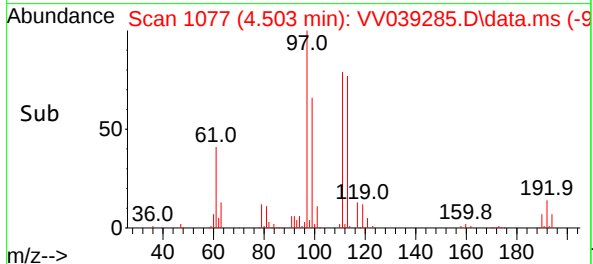
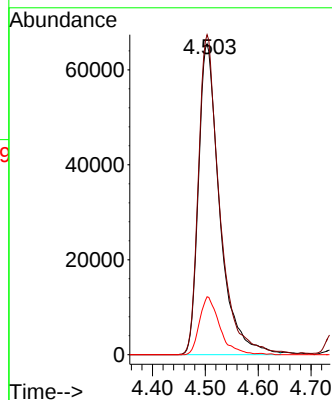
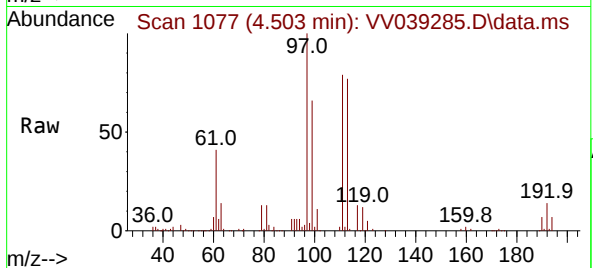
Tgt Ion:113 Resp: 182463

Ion Ratio Lower Upper

113 100

111 103.4 82.0 123.0

192 17.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 19.636 ug/l

RT: 4.748 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

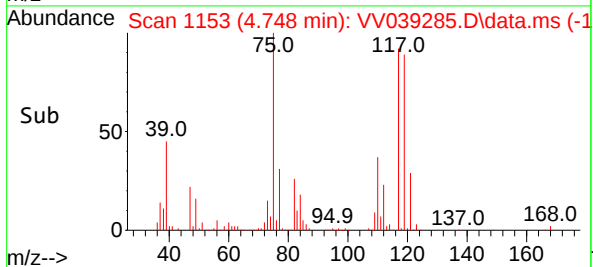
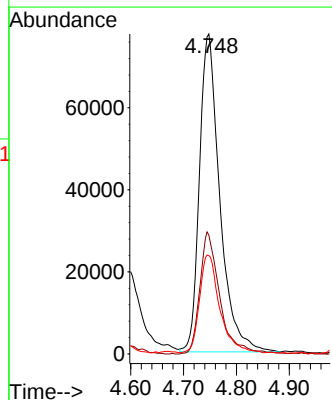
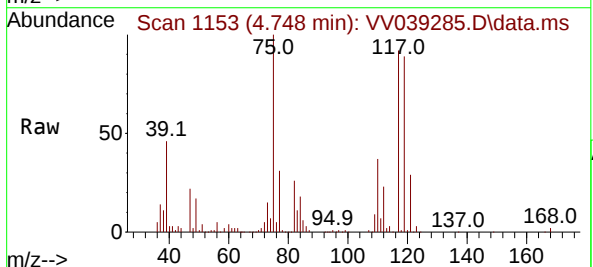
Tgt Ion: 75 Resp: 207722

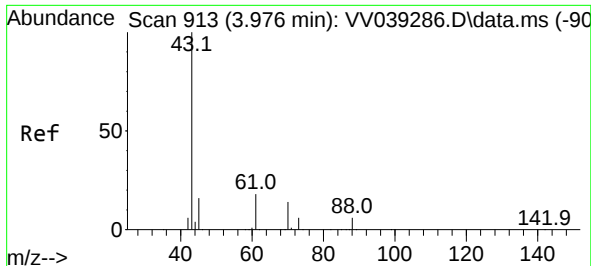
Ion Ratio Lower Upper

75 100

110 37.4 18.9 56.7

77 30.2 24.1 36.1

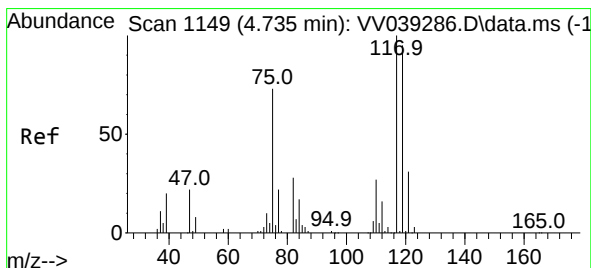
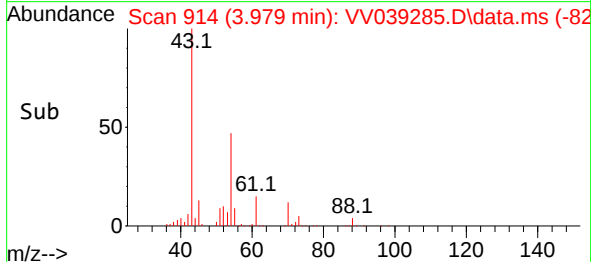
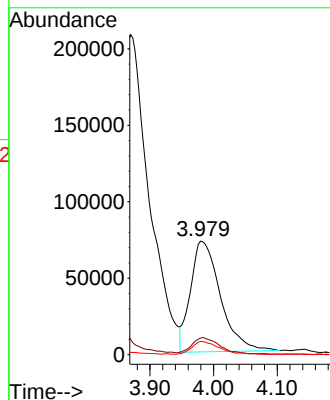
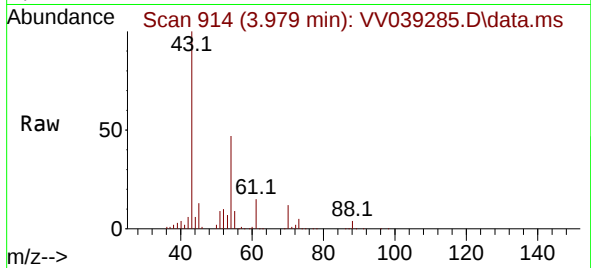




#37
Ethyl Acetate
Concen: 19.219 ug/l
RT: 3.979 min Scan# 913
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

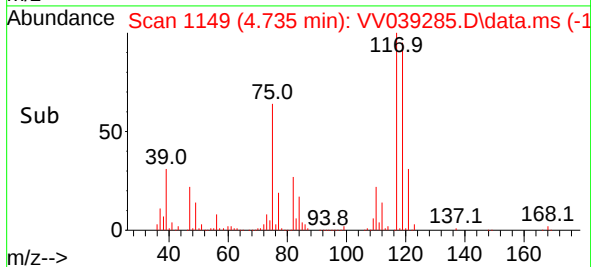
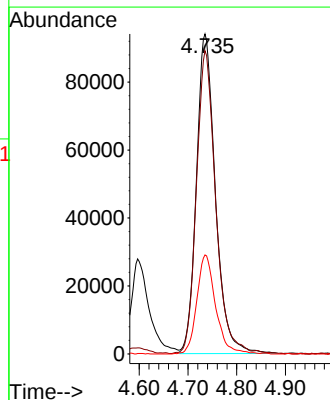
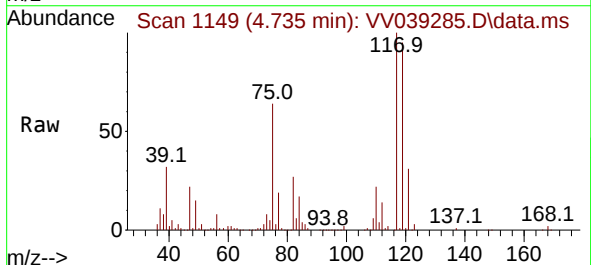
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

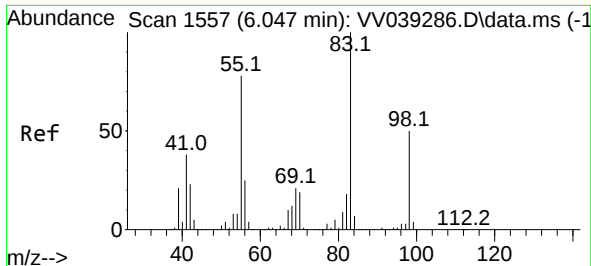
Tgt Ion: 43 Resp: 237243
Ion Ratio Lower Upper
43 100
61 13.1 12.2 18.2
70 10.0 9.0 13.4



#38
Carbon Tetrachloride
Concen: 19.056 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 117 Resp: 255516
Ion Ratio Lower Upper
117 100
119 94.7 75.9 113.9
121 31.0 24.6 37.0





#39

Methylcyclohexane

Concen: 18.978 ug/l

RT: 6.050 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

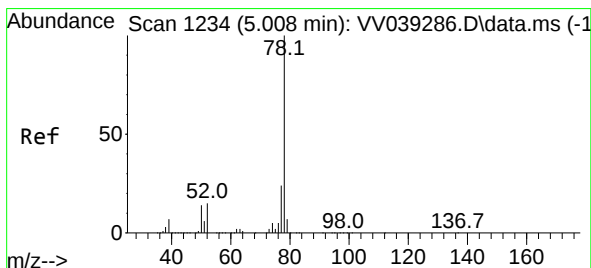
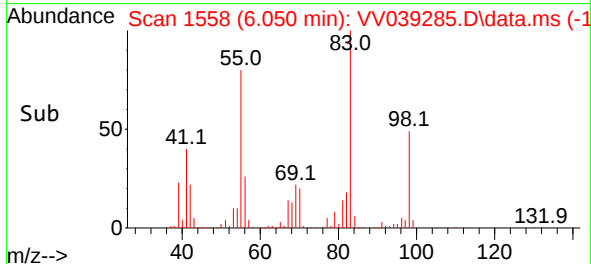
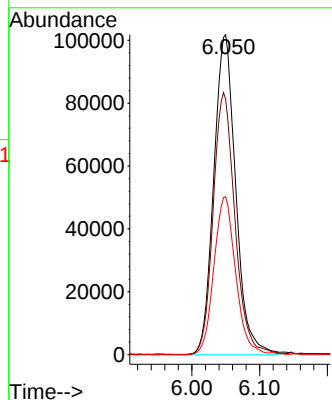
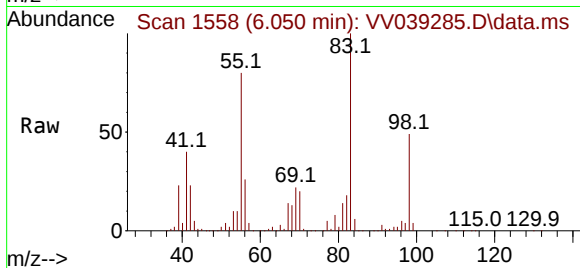
Tgt Ion: 83 Resp: 229452

Ion Ratio Lower Upper

83 100

55 79.7 62.1 93.1

98 49.3 40.2 60.4



#40

Benzene

Concen: 19.996 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV039285.D

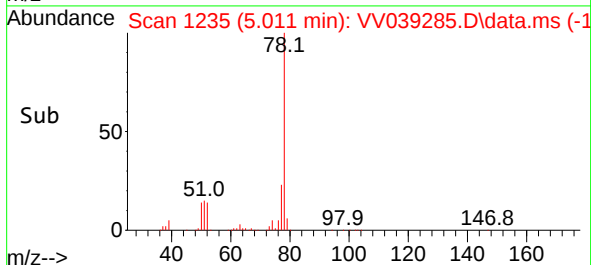
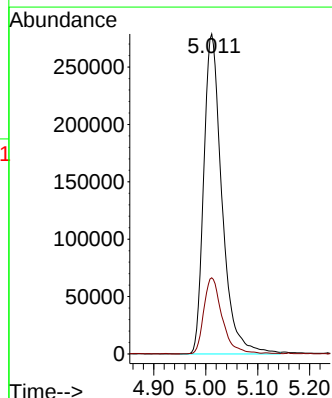
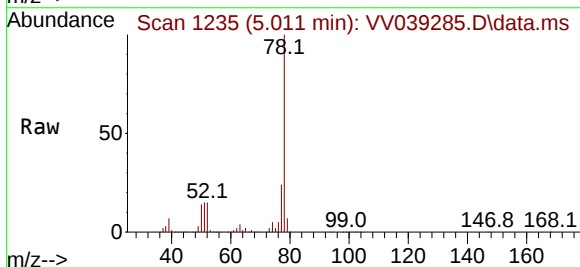
Acq: 07 Oct 2025 10:47

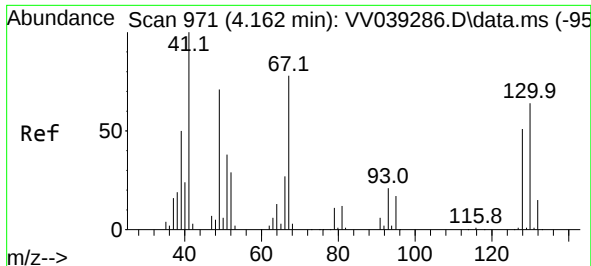
Tgt Ion: 78 Resp: 678777

Ion Ratio Lower Upper

78 100

77 23.8 18.9 28.3



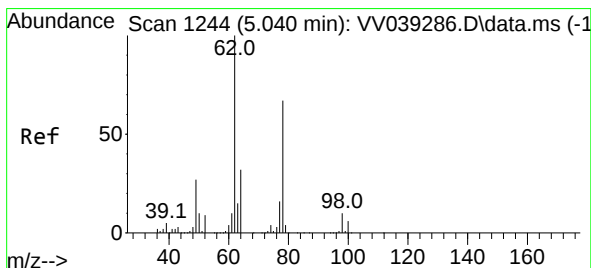
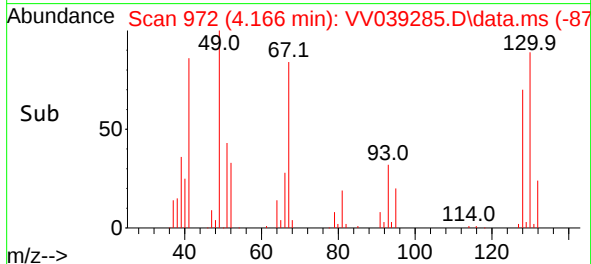
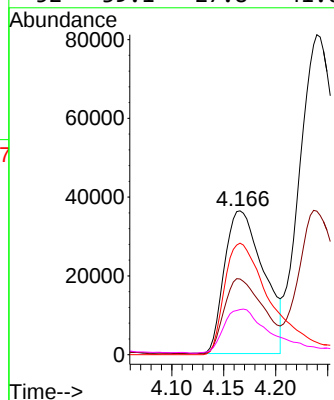
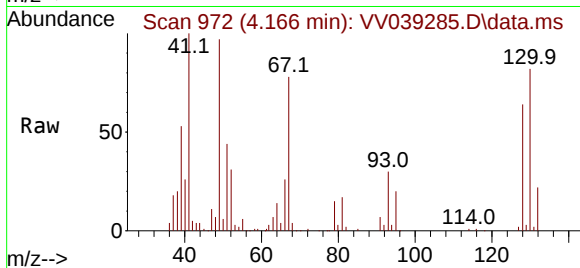


#41
Methacrylonitrile
Concen: 19.025 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 95028

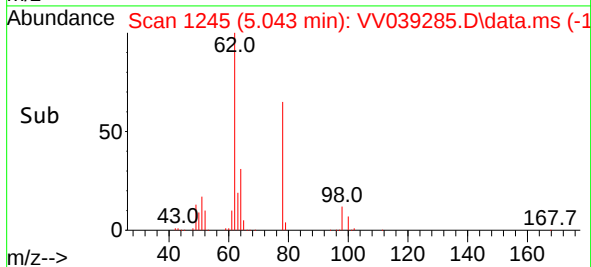
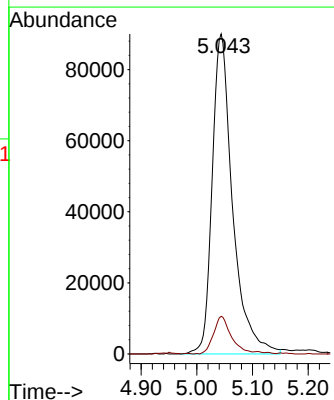
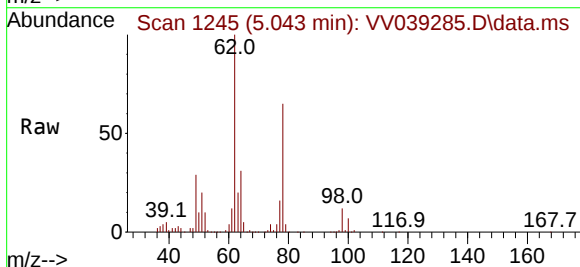
Ion	Ratio	Lower	Upper
41	100		
39	52.8	40.9	61.3
67	96.4	73.1	109.7
52	39.1	27.8	41.6

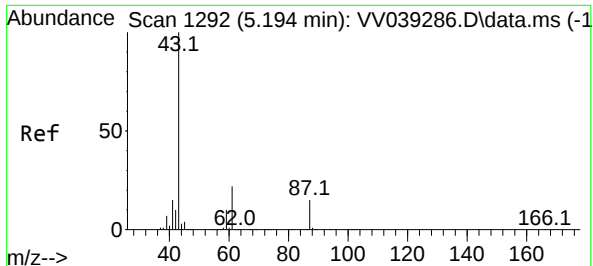


#42
1,2-Dichloroethane
Concen: 19.269 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 62 Resp: 229561

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.0

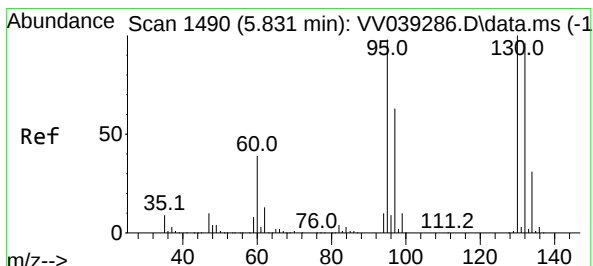
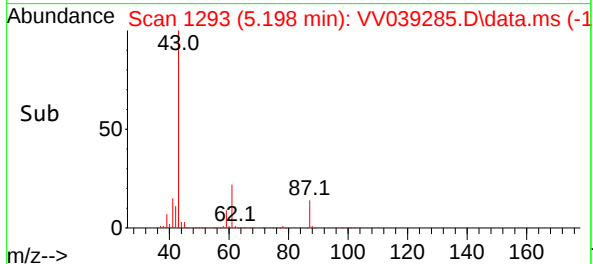
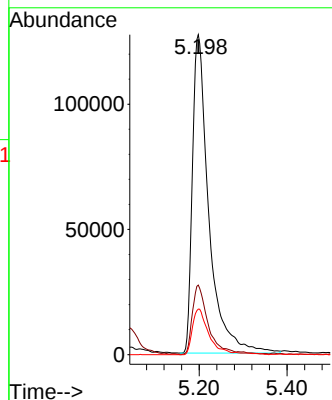
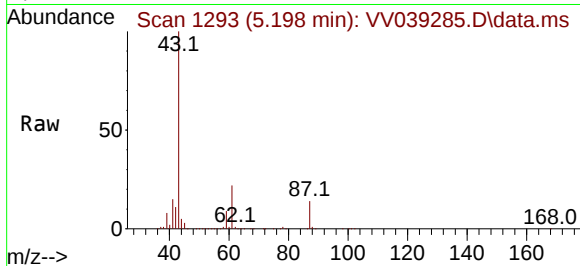




#43
Isopropyl Acetate
Concen: 19.633 ug/l
RT: 5.198 min Scan# 1292
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

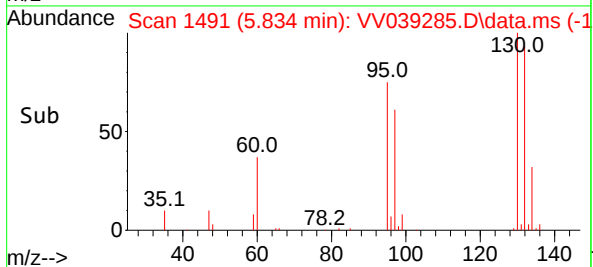
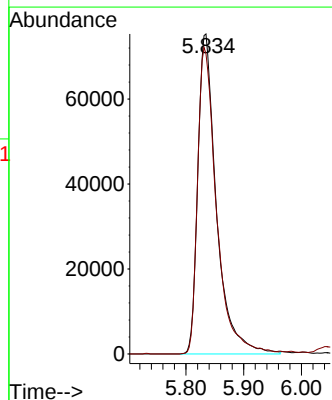
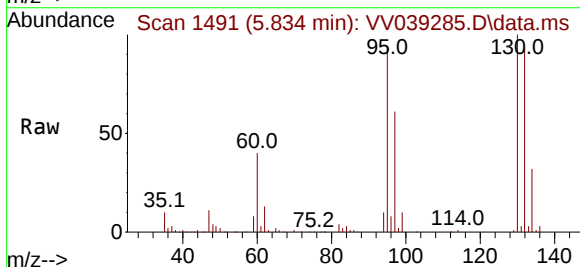
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

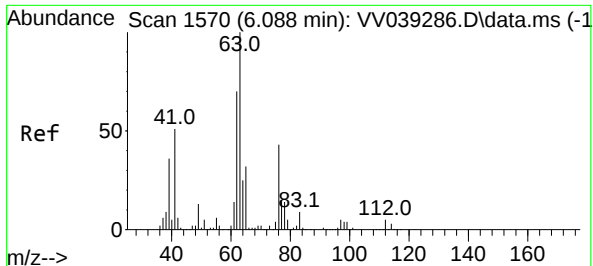
Tgt Ion: 43 Resp: 331186
Ion Ratio Lower Upper
43 100
61 20.8 17.1 25.7
87 14.0 11.5 17.3



#44
Trichloroethene
Concen: 19.779 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 130 Resp: 168843
Ion Ratio Lower Upper
130 100
95 93.9 0.0 196.6





#45

1,2-Dichloropropane

Concen: 19.934 ug/l

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

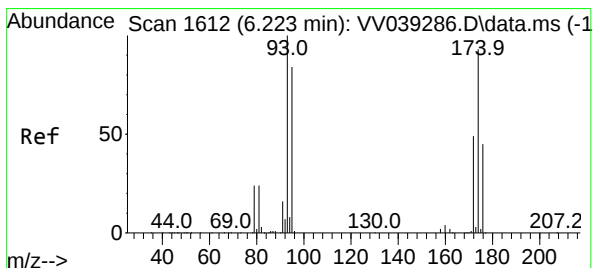
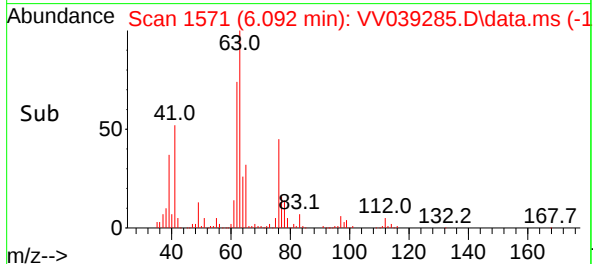
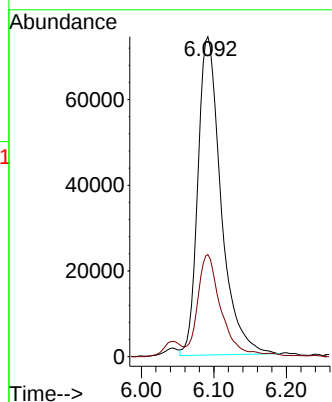
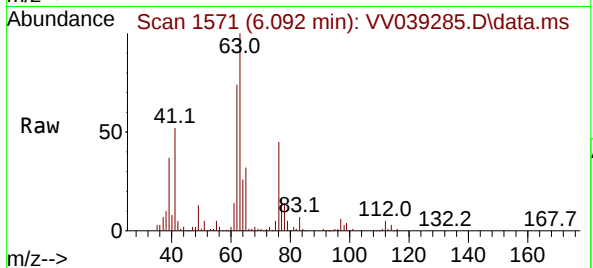
VSTDICC020

Tgt Ion: 63 Resp: 164657

Ion Ratio Lower Upper

63 100

65 31.6 25.4 38.2



#46

Dibromomethane

Concen: 19.307 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.003 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

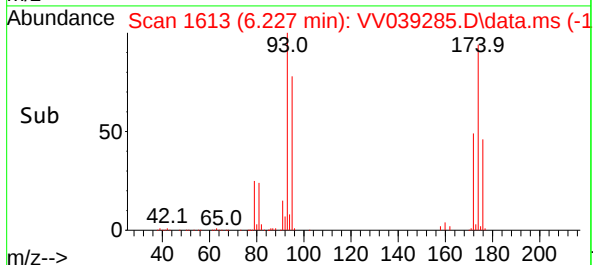
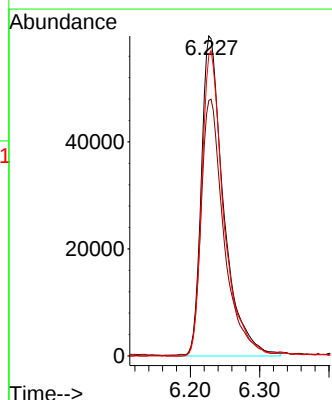
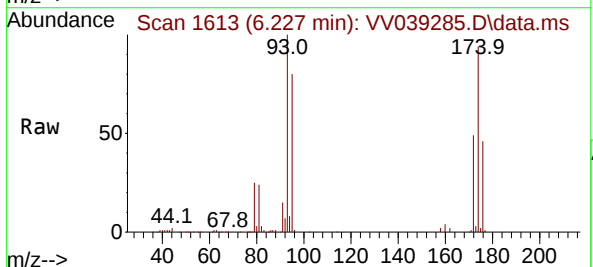
Tgt Ion: 93 Resp: 133300

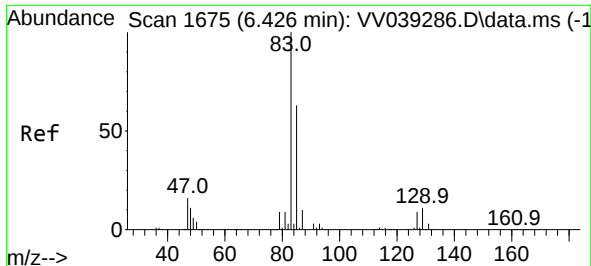
Ion Ratio Lower Upper

93 100

95 82.2 65.6 98.4

174 93.4 74.6 112.0

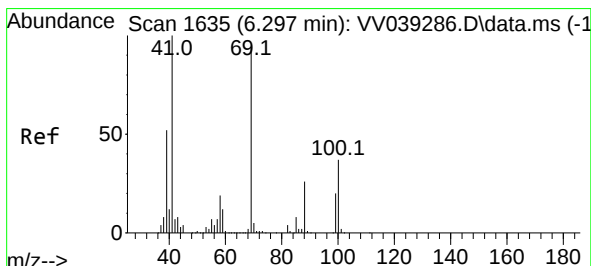
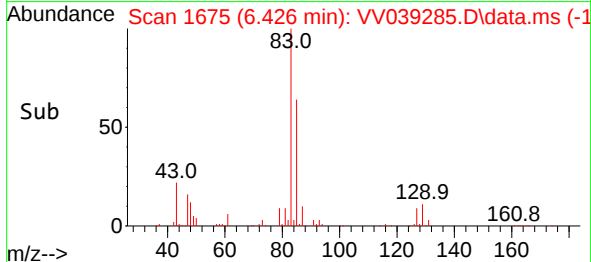
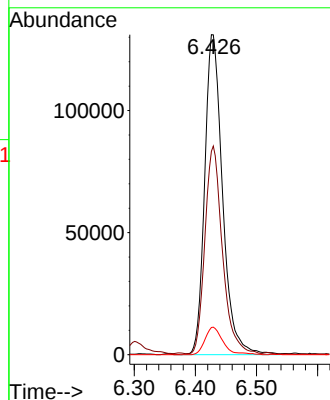
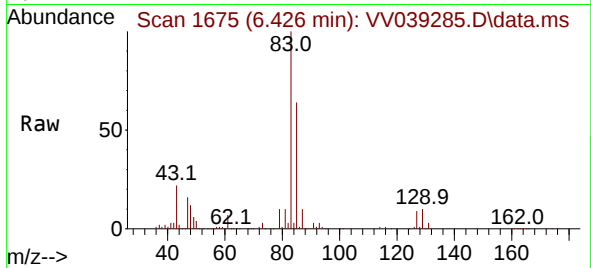




#47
Bromodichloromethane
Concen: 19.579 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

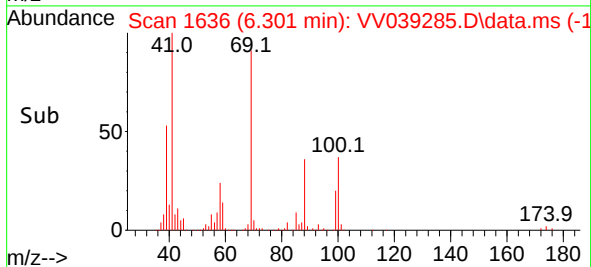
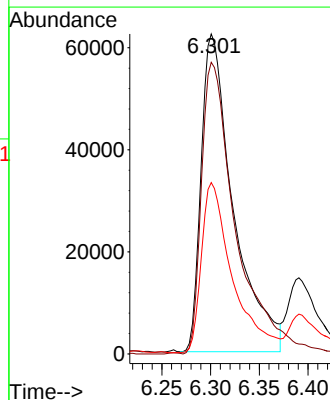
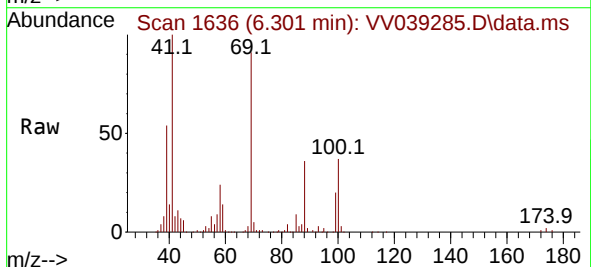
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

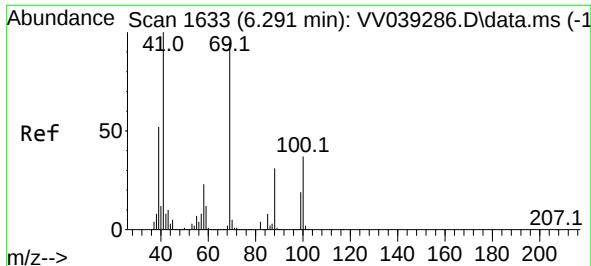
Tgt Ion: 83 Resp: 266348
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 19.048 ug/l
RT: 6.301 min Scan# 1636
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 41 Resp: 143078
Ion Ratio Lower Upper
41 100
69 98.5 77.2 115.8
39 51.7 41.4 62.0





#49

1,4-Dioxane

Concen: 469.721 ug/l

RT: 6.294 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

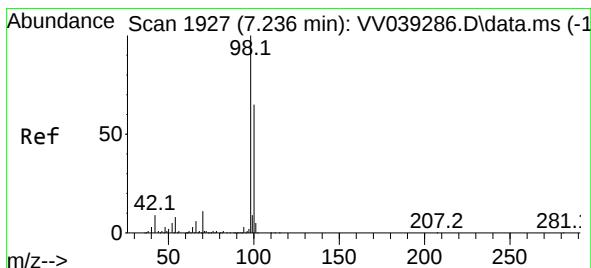
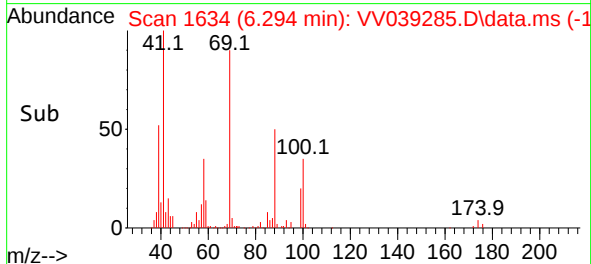
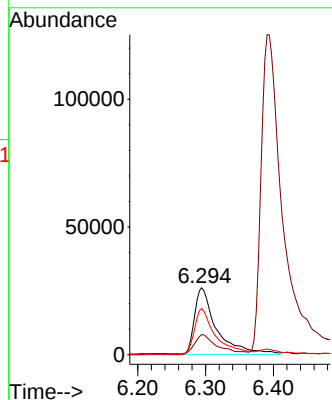
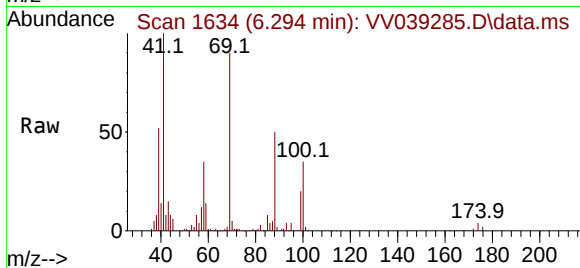
Tgt Ion: 88 Resp: 58694

Ion Ratio Lower Upper

88 100

43 27.7 24.1 36.1

58 66.6 57.6 86.4



#50

Toluene-d8

Concen: 22.254 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV039285.D

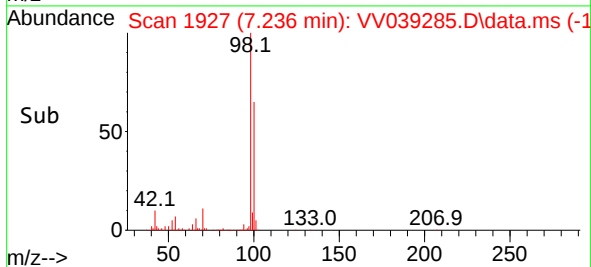
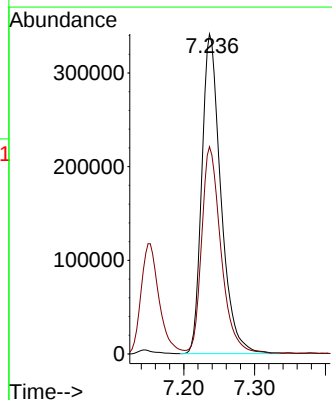
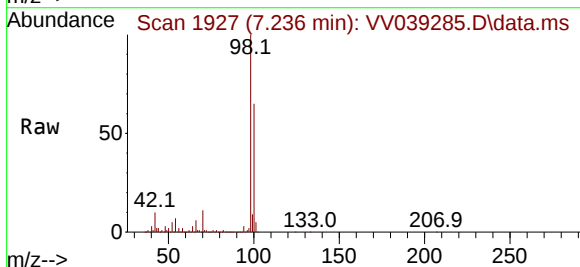
Acq: 07 Oct 2025 10:47

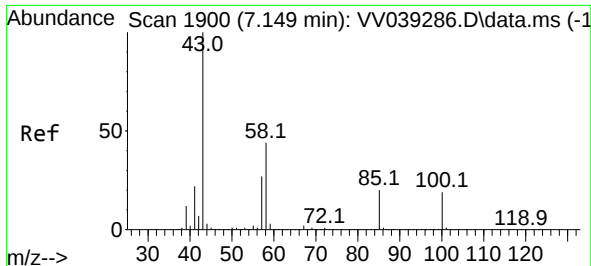
Tgt Ion: 98 Resp: 637652

Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 107.743 ug/l

RT: 7.149 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

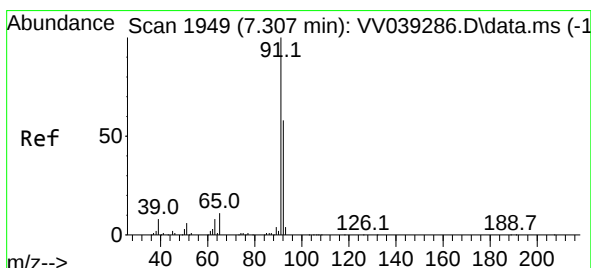
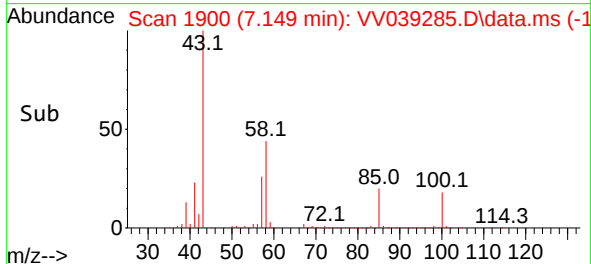
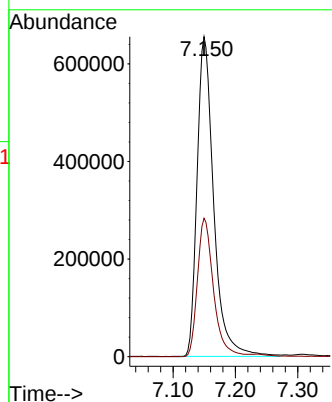
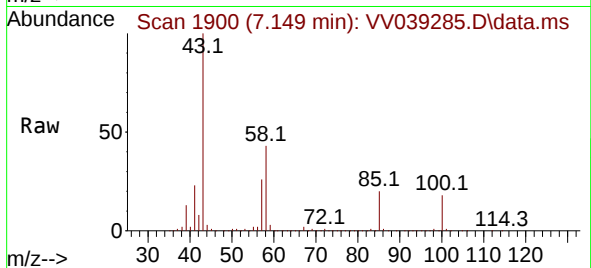
VSTDICC020

Tgt Ion: 43 Resp: 1211982

Ion Ratio Lower Upper

43 100

58 42.0 34.2 51.4



#52

Toluene

Concen: 20.859 ug/l

RT: 7.310 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV039285.D

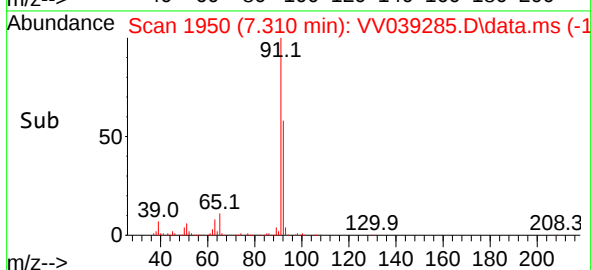
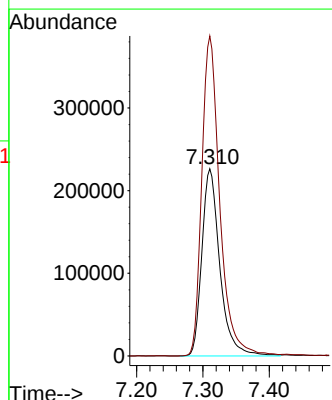
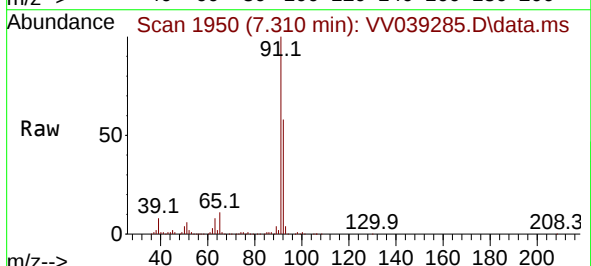
Acq: 07 Oct 2025 10:47

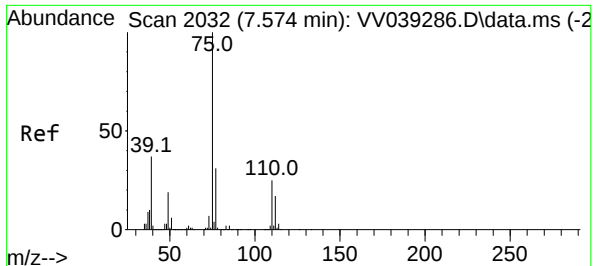
Tgt Ion: 92 Resp: 427535

Ion Ratio Lower Upper

92 100

91 171.0 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 19.991 ug/l

RT: 7.577 min Scan# 2032

Delta R.T. 0.003 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

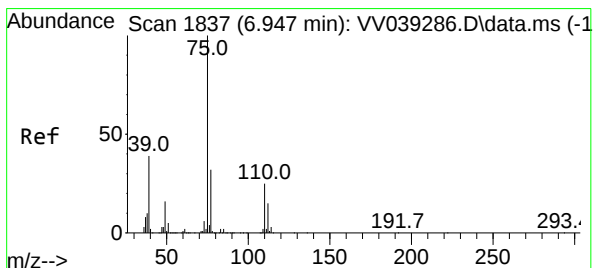
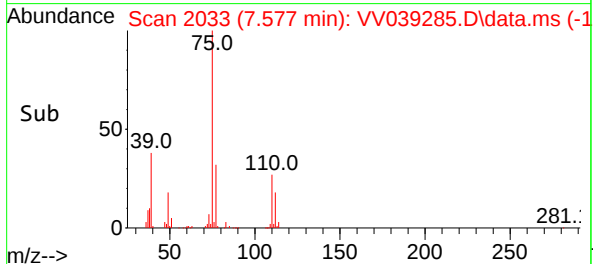
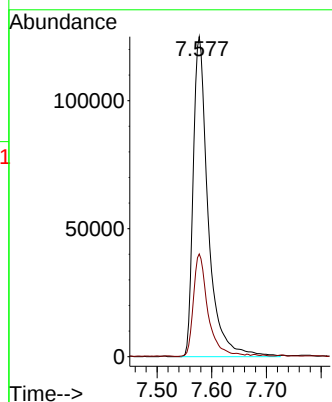
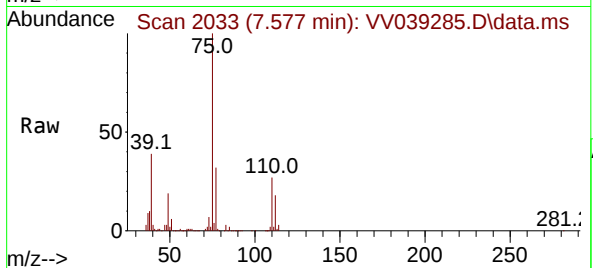
VSTDICC020

Tgt Ion: 75 Resp: 237681

Ion Ratio Lower Upper

75 100

77 32.0 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.281 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

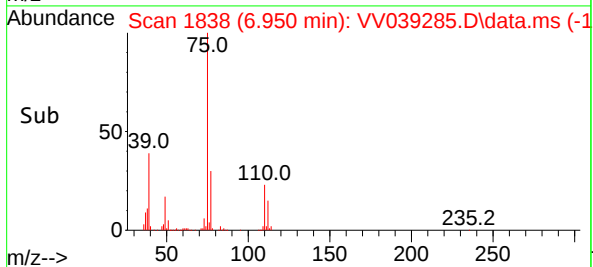
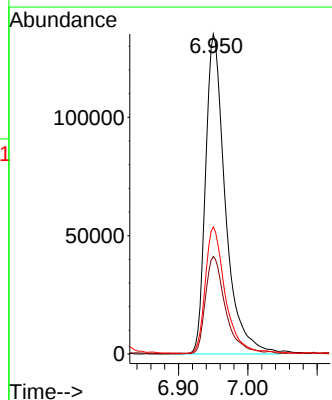
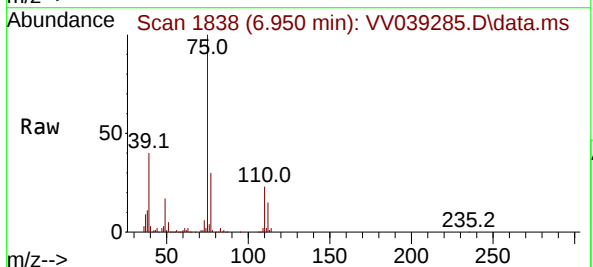
Tgt Ion: 75 Resp: 268074

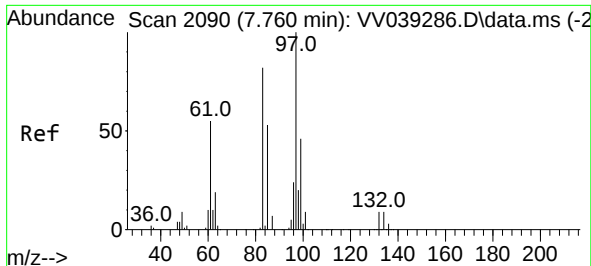
Ion Ratio Lower Upper

75 100

77 30.2 25.6 38.4

39 39.5 31.0 46.6

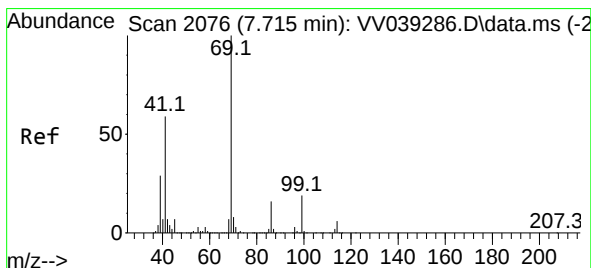
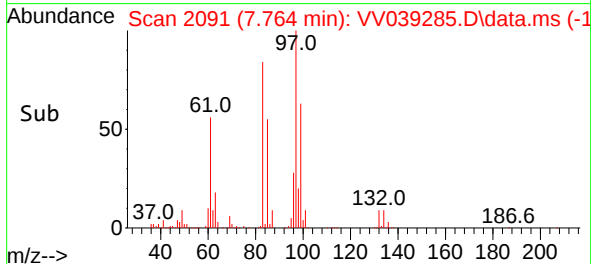
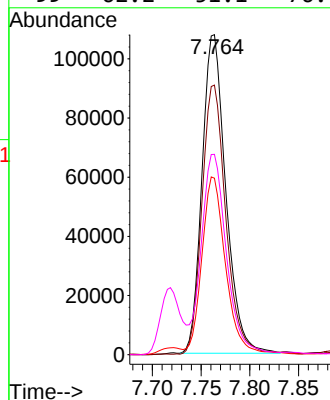
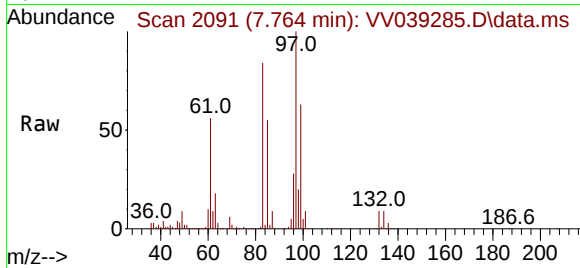




#55
1,1,2-Trichloroethane
Concen: 19.757 ug/l
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

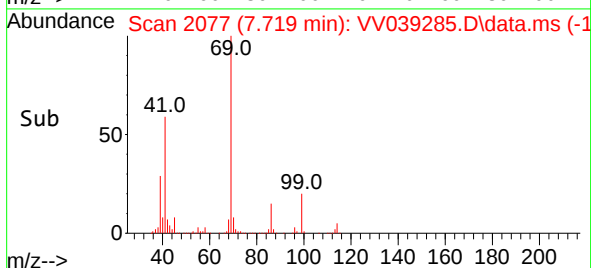
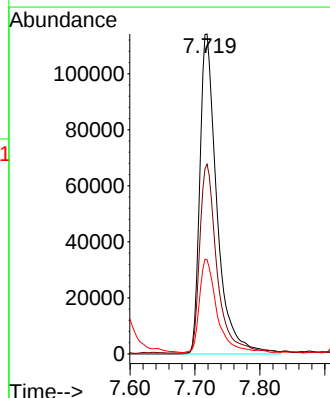
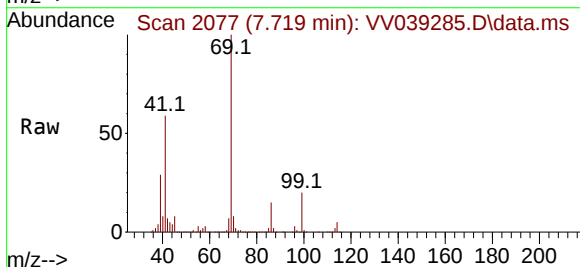
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

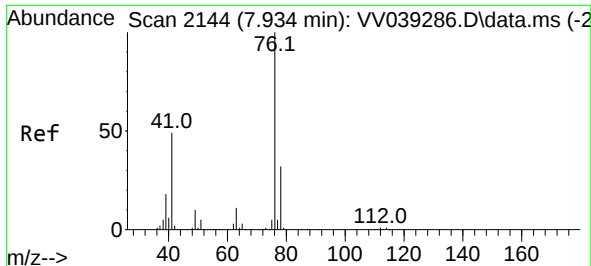
Tgt Ion:	97	Resp:	182850
Ion	Ratio	Lower	Upper
97	100		
83	84.5	65.8	98.8
85	54.8	43.3	64.9
99	62.2	51.1	76.7



#56
Ethyl methacrylate
Concen: 20.297 ug/l
RT: 7.719 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion:	69	Resp:	209723
Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.1	70.7
39	29.5	23.2	34.8





#57

1,3-Dichloropropane

Concen: 20.346 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

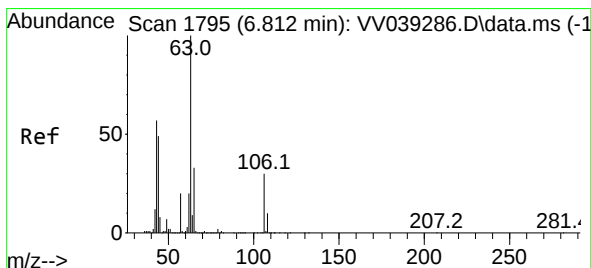
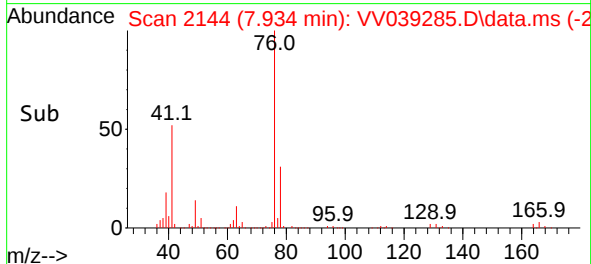
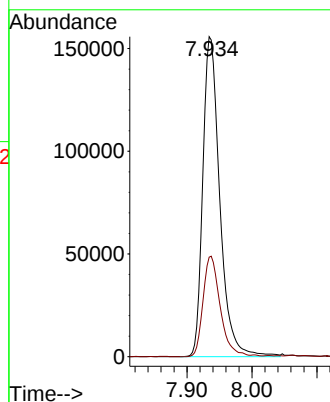
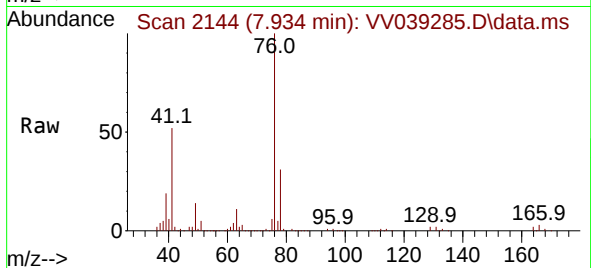
VSTDICC020

Tgt Ion: 76 Resp: 284148

Ion Ratio Lower Upper

76 100

78 31.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 98.113 ug/l

RT: 6.815 min Scan# 1796

Delta R.T. 0.003 min

Lab File: VV039285.D

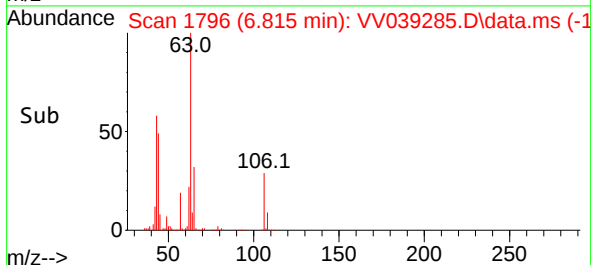
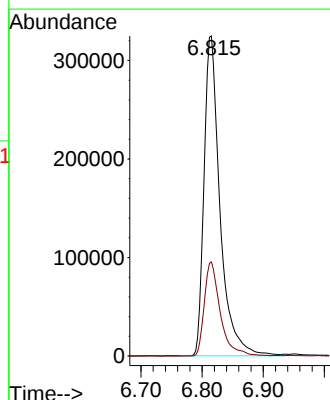
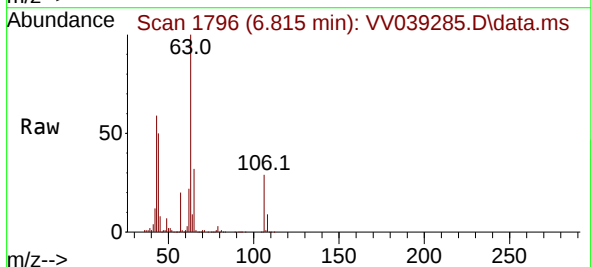
Acq: 07 Oct 2025 10:47

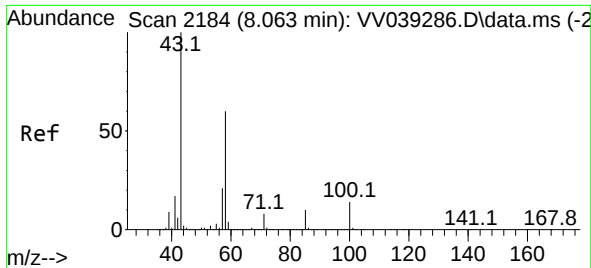
Tgt Ion: 63 Resp: 589392

Ion Ratio Lower Upper

63 100

106 29.4 23.5 35.3

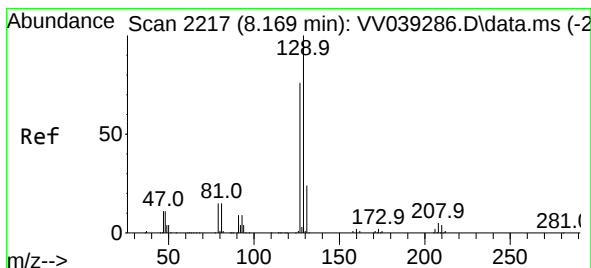
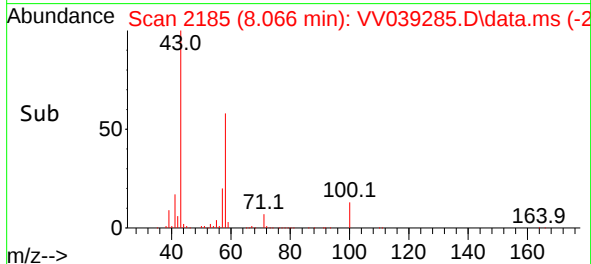
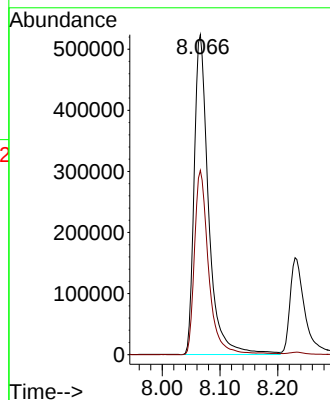
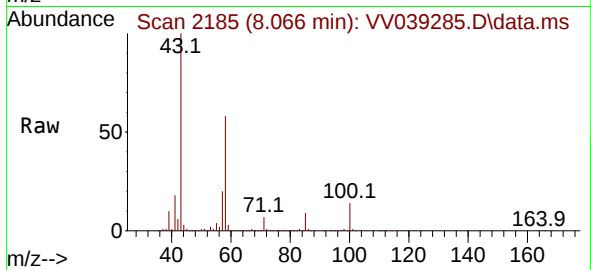




#59
2-Hexanone
Concen: 110.005 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

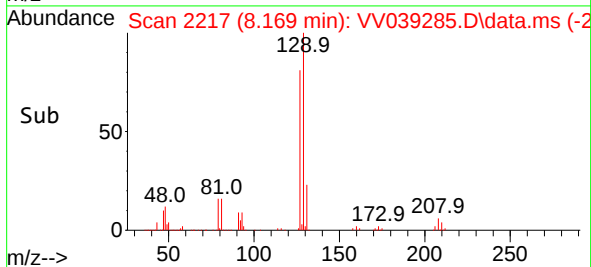
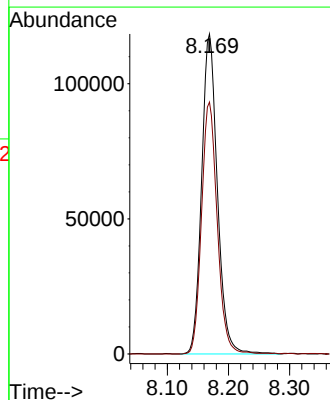
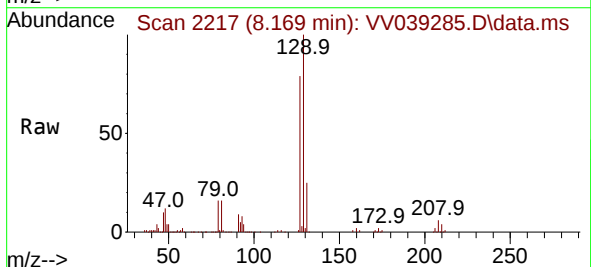
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

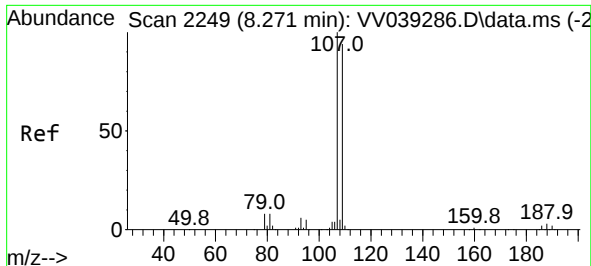
Tgt Ion: 43 Resp: 908449
Ion Ratio Lower Upper
43 100
58 56.3 29.6 88.9



#60
Dibromochloromethane
Concen: 19.612 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 129 Resp: 212222
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.1

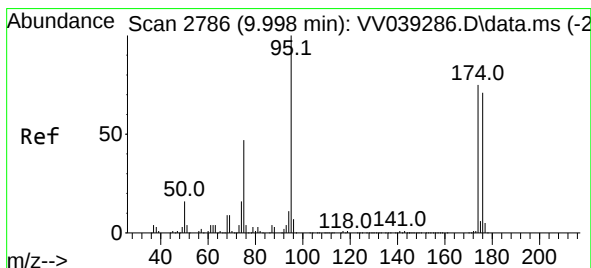
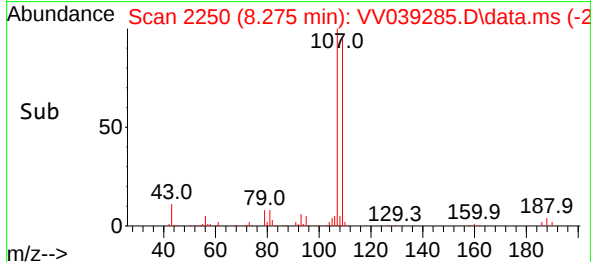
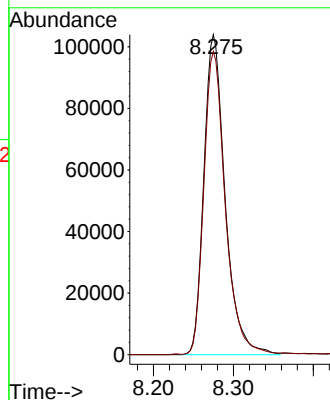
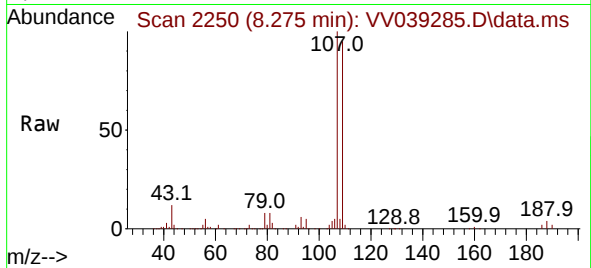




#61
1,2-Dibromoethane
Concen: 19.973 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

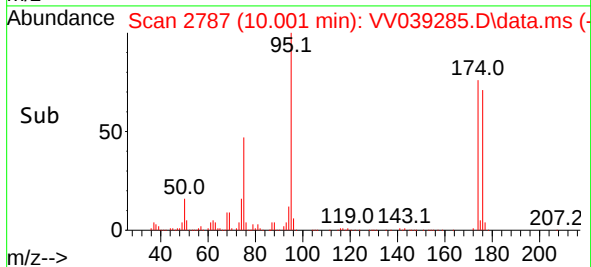
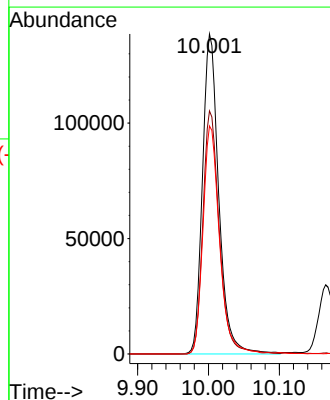
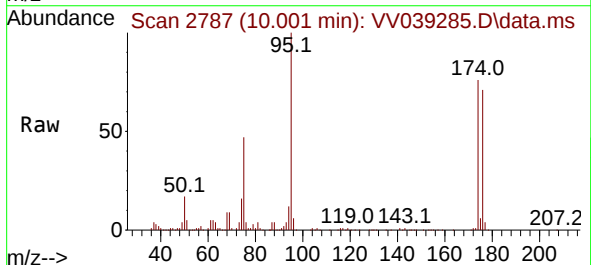
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

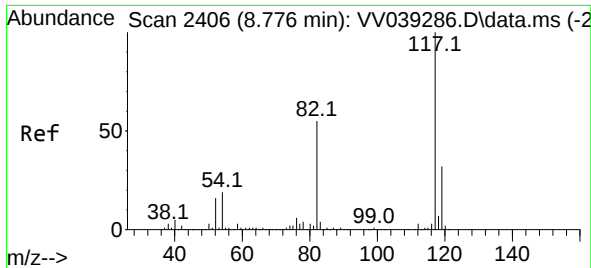
Tgt Ion:107 Resp: 192471
Ion Ratio Lower Upper
107 100
109 95.0 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 21.743 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 95 Resp: 221880
Ion Ratio Lower Upper
95 100
174 76.6 0.0 153.6
176 72.1 0.0 146.0

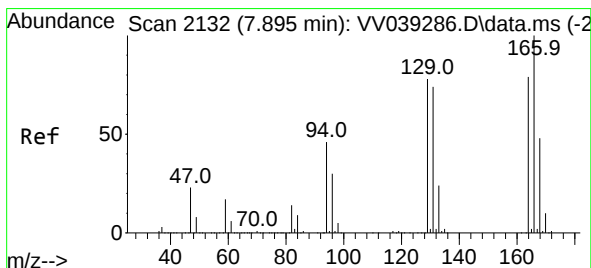
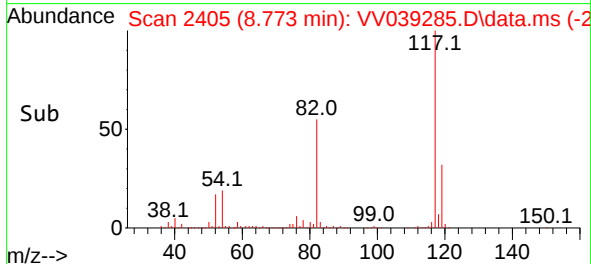
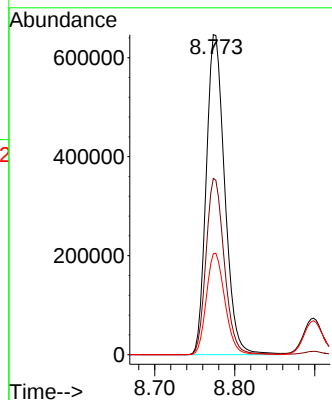
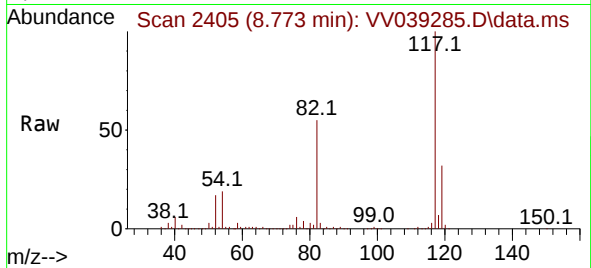




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

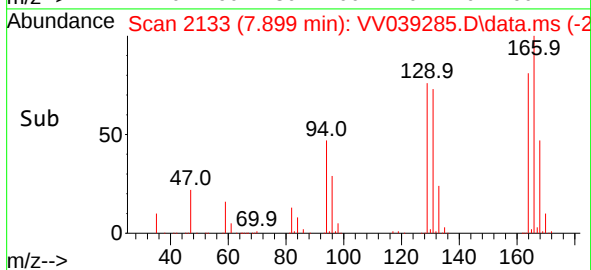
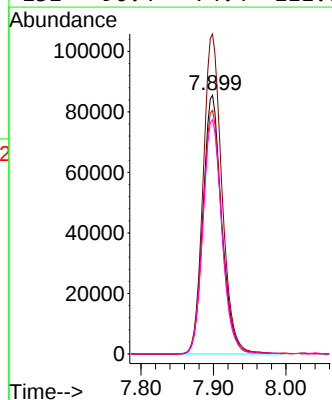
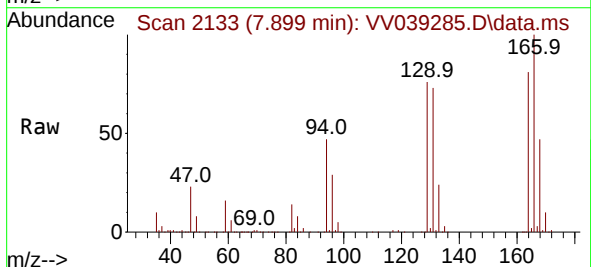
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

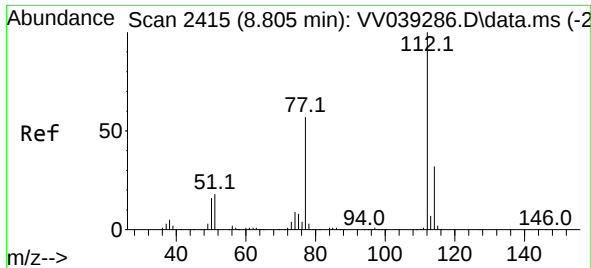
Tgt Ion:117 Resp: 1038940
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 31.5 25.8 38.6



#64
Tetrachloroethene
Concen: 20.274 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion:164 Resp: 153650
Ion Ratio Lower Upper
164 100
166 123.5 101.0 151.6
129 94.2 79.0 118.6
131 90.4 74.4 111.6

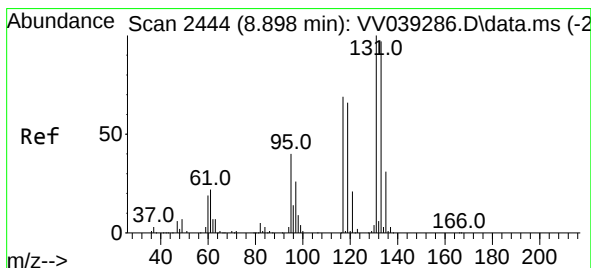
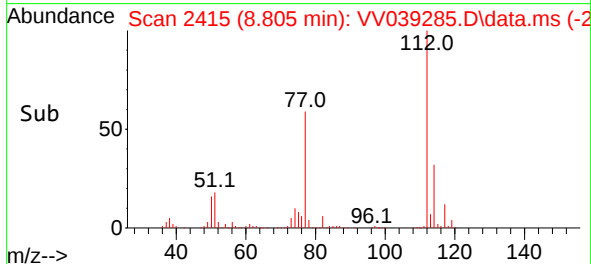
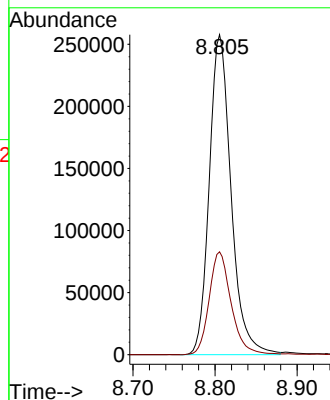
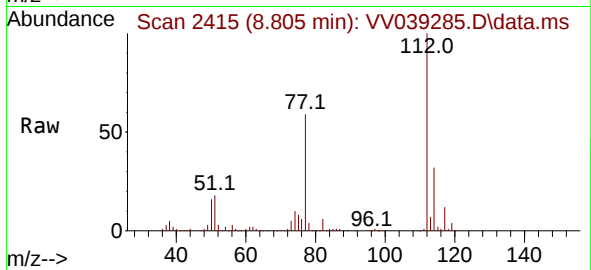




#65
Chlorobenzene
Concen: 19.346 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

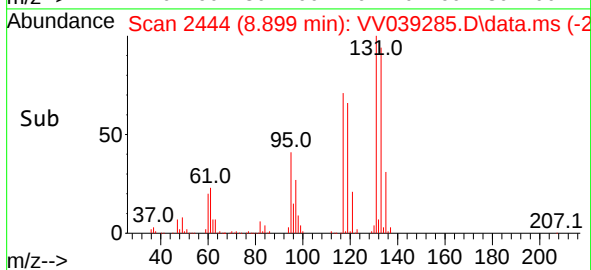
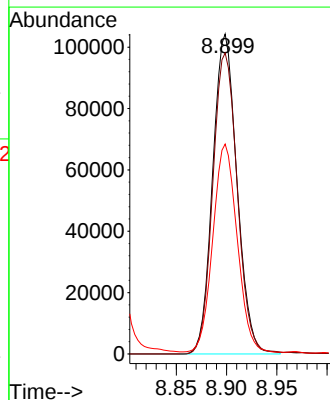
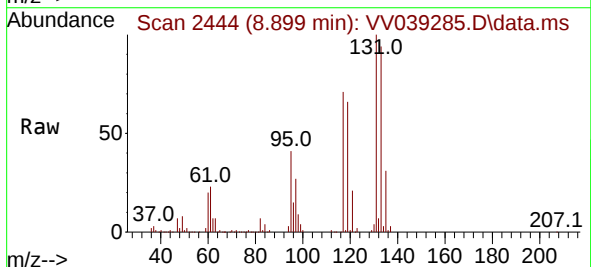
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

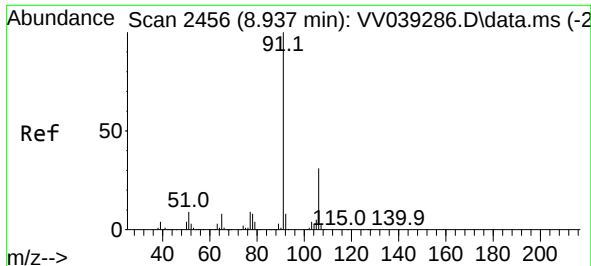
Tgt Ion:112 Resp: 475825
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.024 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion:131 Resp: 175260
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.3
119 65.4 32.7 98.1





#67

Ethyl Benzene

Concen: 19.840 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

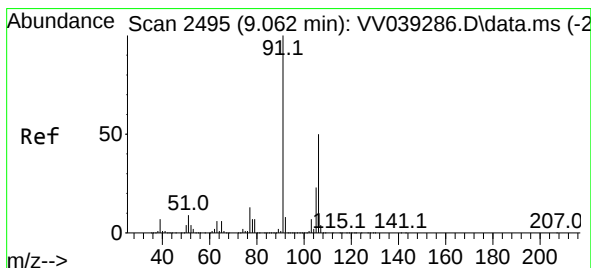
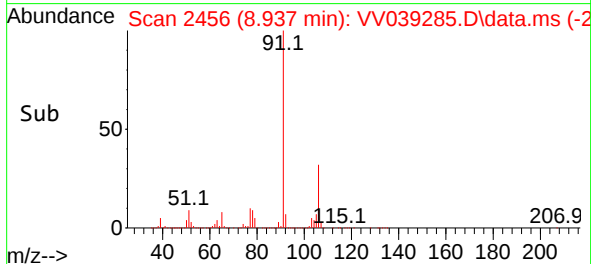
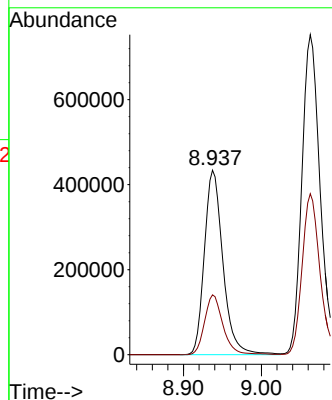
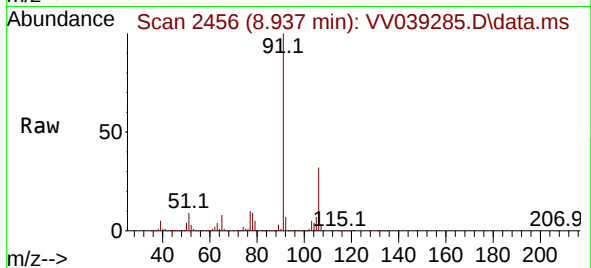
VSTDICC020

Tgt Ion: 91 Resp: 718792

Ion Ratio Lower Upper

91 100

106 32.4 24.6 37.0



#68

m/p-Xylenes

Concen: 42.423 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV039285.D

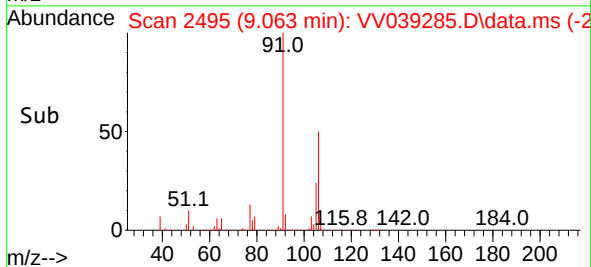
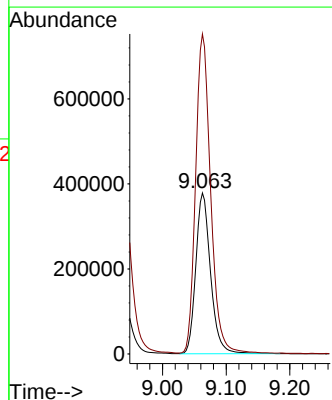
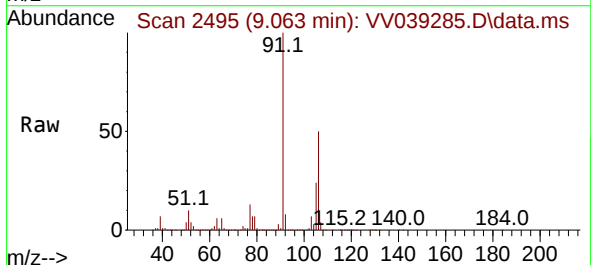
Acq: 07 Oct 2025 10:47

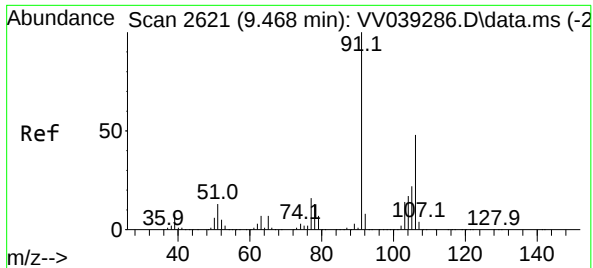
Tgt Ion:106 Resp: 609583

Ion Ratio Lower Upper

106 100

91 202.1 160.2 240.2

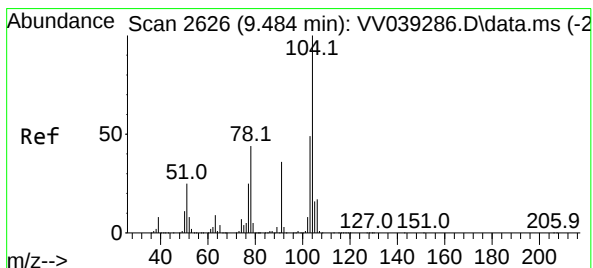
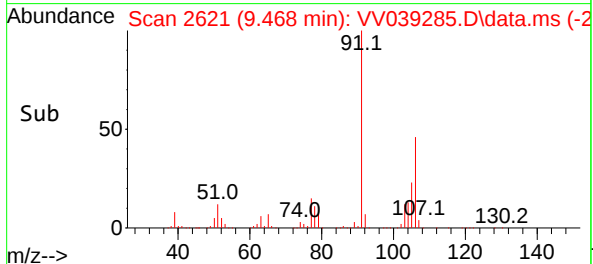
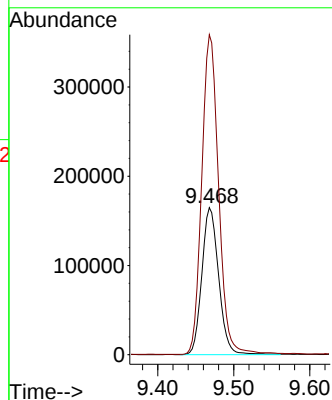
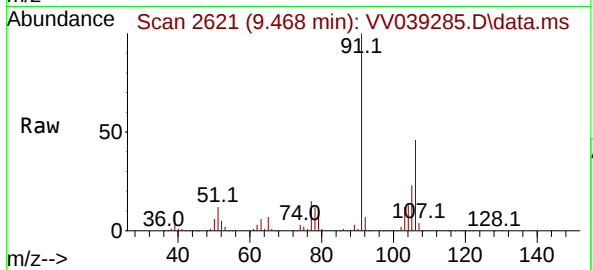




#69
o-Xylene
Concen: 19.969 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

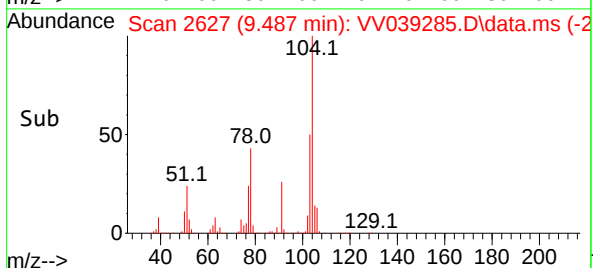
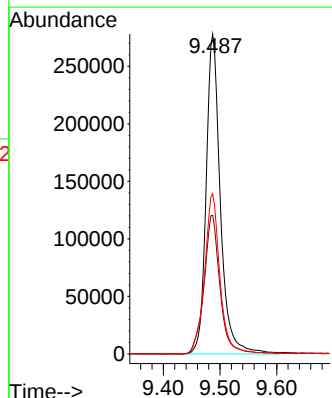
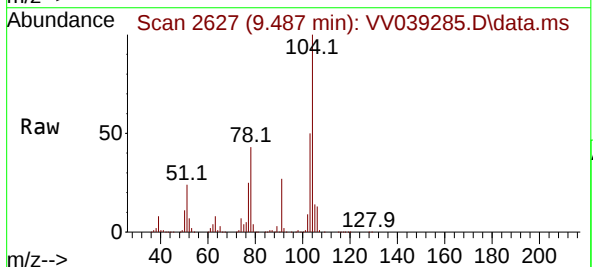
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

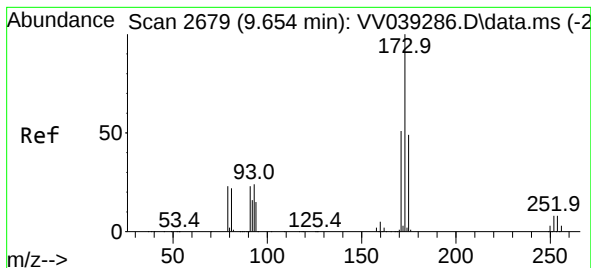
Tgt Ion:106 Resp: 253402
Ion Ratio Lower Upper
106 100
91 216.8 105.8 317.3



#70
Styrene
Concen: 21.538 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion:104 Resp: 486311
Ion Ratio Lower Upper
104 100
78 48.5 38.9 58.3
103 54.6 42.9 64.3





#71

Bromoform

Concen: 19.741 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

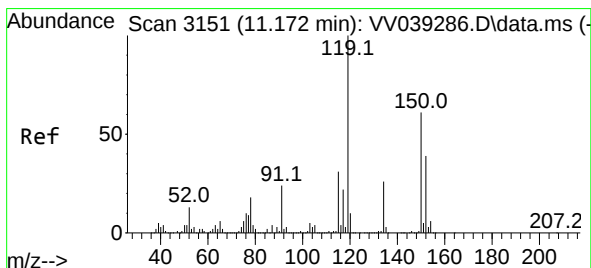
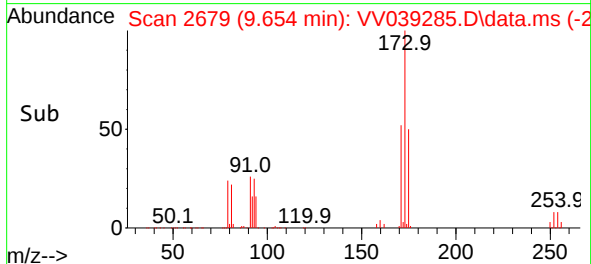
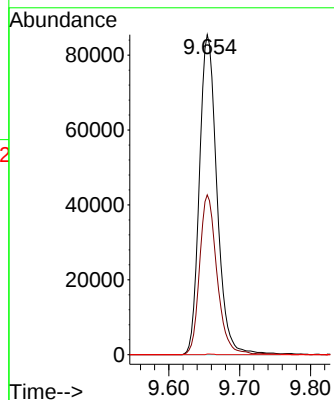
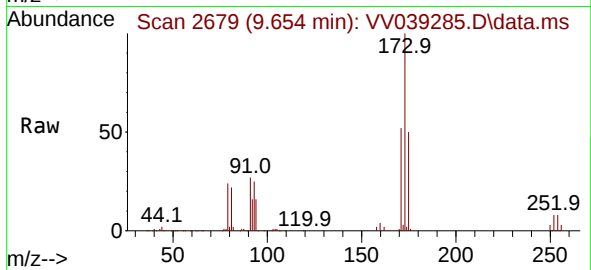
Tgt Ion:173 Resp: 147076

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.6

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

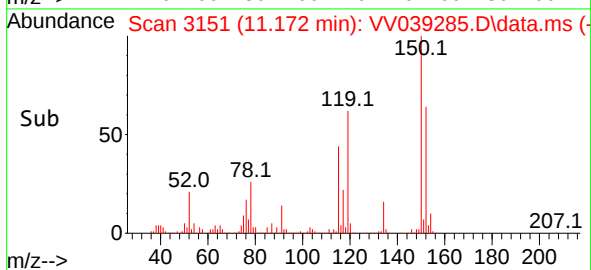
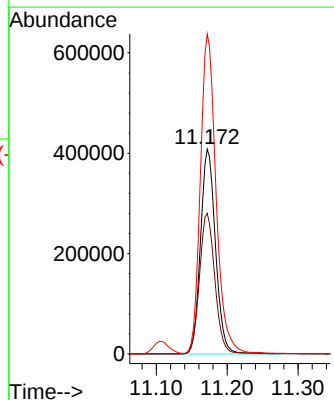
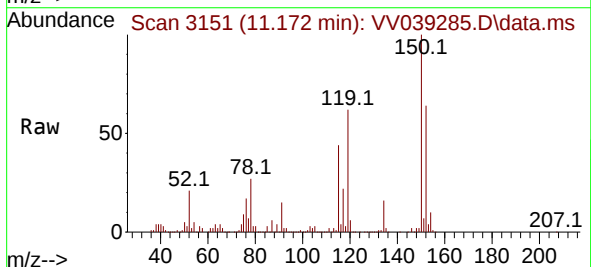
Tgt Ion:152 Resp: 599936

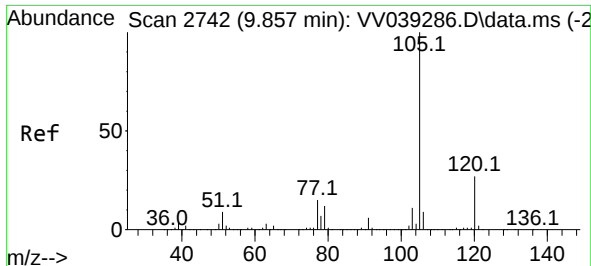
Ion Ratio Lower Upper

152 100

115 70.1 42.3 126.8

150 163.1 0.0 348.0

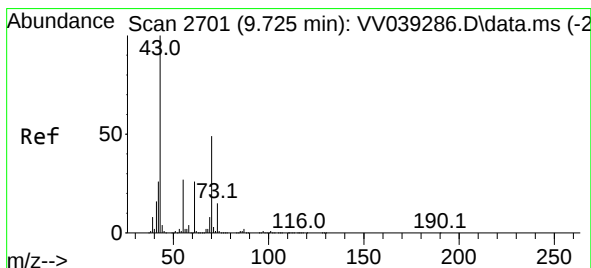
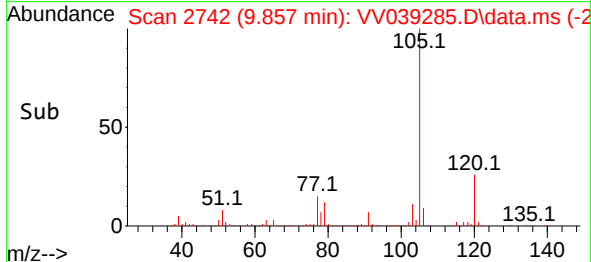
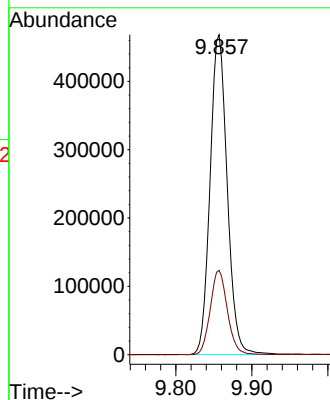
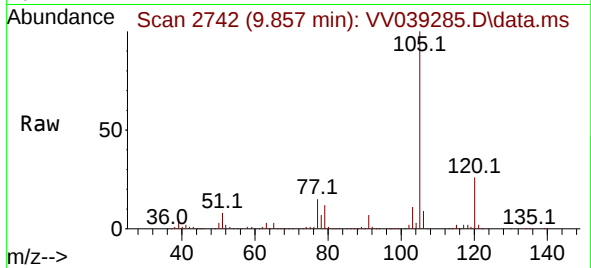




#73
Isopropylbenzene
Concen: 20.093 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

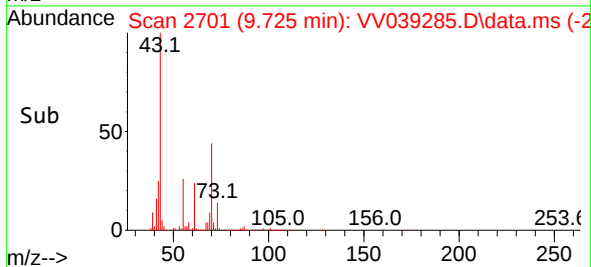
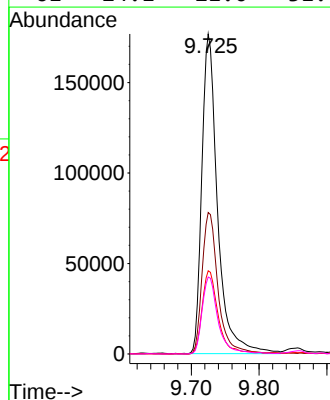
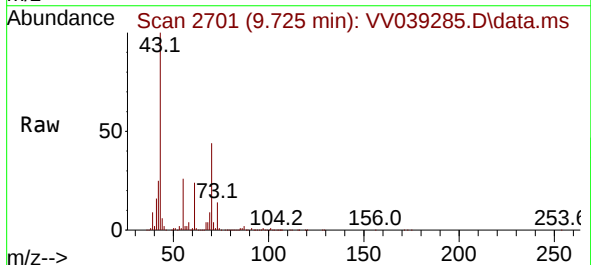
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

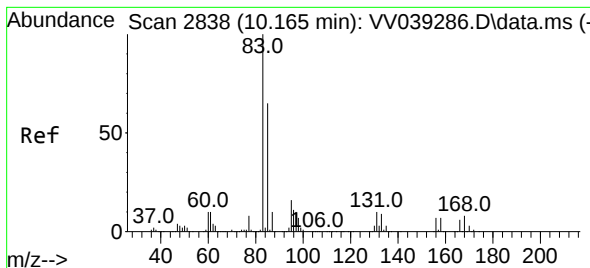
Tgt Ion:105 Resp: 731989
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5



#74
N-ethyl acetate
Concen: 18.876 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 43 Resp: 285451
Ion Ratio Lower Upper
43 100
70 44.8 38.6 58.0
55 26.5 21.9 32.9
61 24.1 21.0 31.4

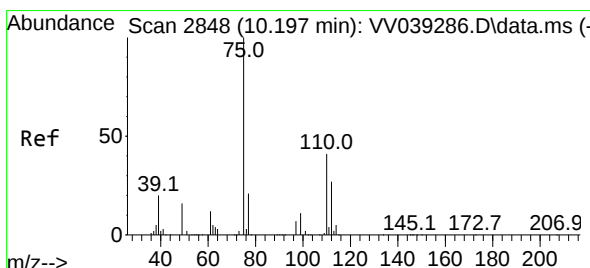
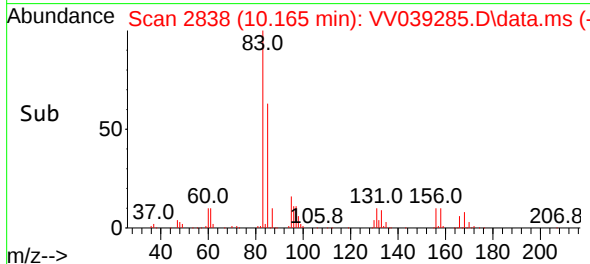
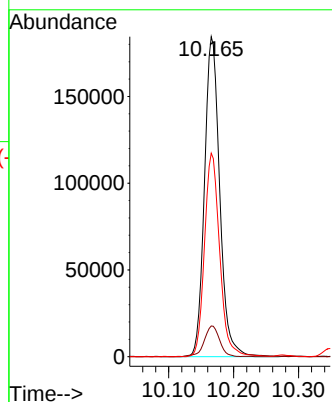
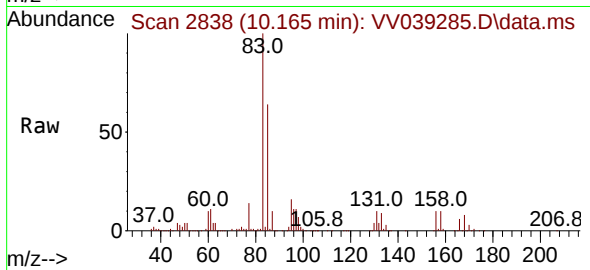




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.070 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV039285.D
 Acq: 07 Oct 2025 10:47

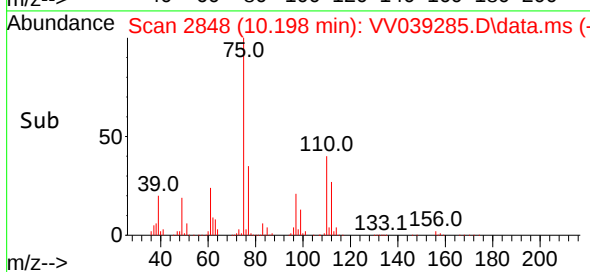
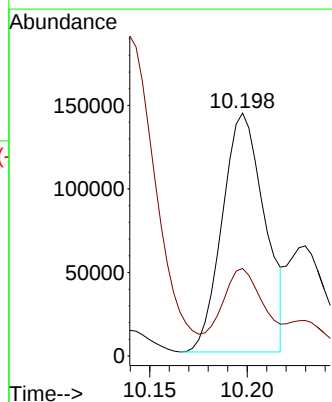
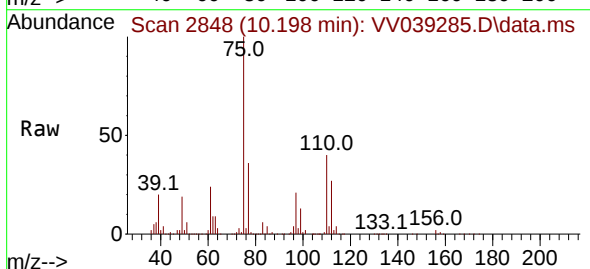
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

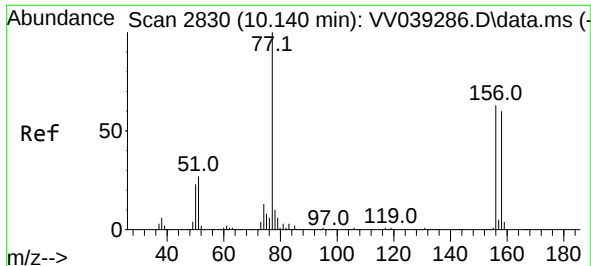
Tgt Ion: 83 Resp: 302311
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 15.0
 85 63.3 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 18.090 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. 0.000 min
 Lab File: VV039285.D
 Acq: 07 Oct 2025 10:47

Tgt Ion: 75 Resp: 216610
 Ion Ratio Lower Upper
 75 100
 77 23.8 12.2 36.4

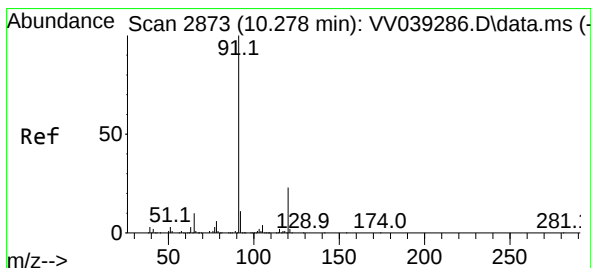
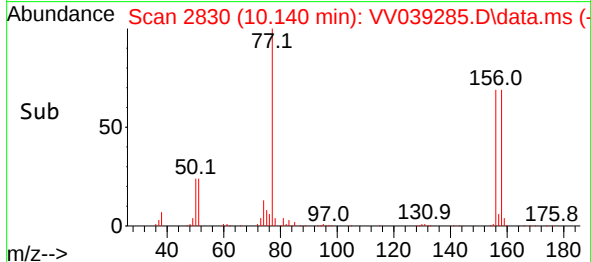
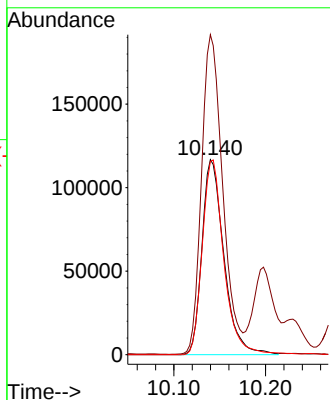
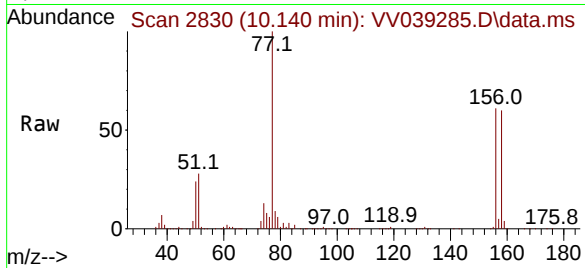




#77
Bromobenzene
Concen: 19.381 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

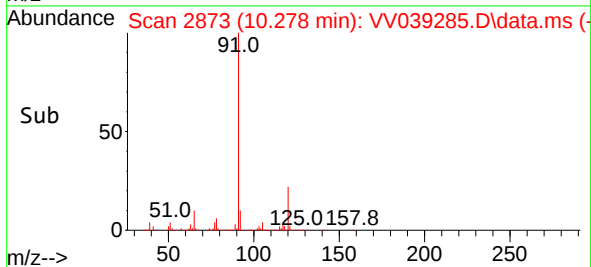
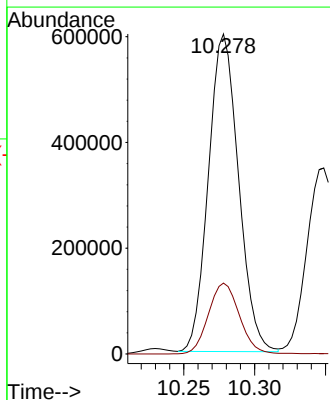
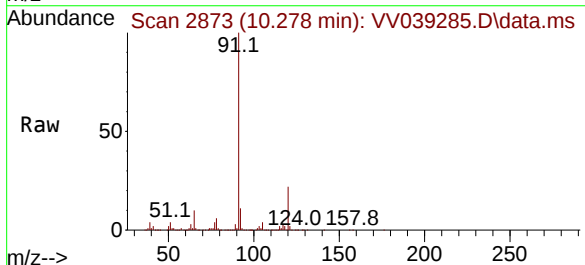
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

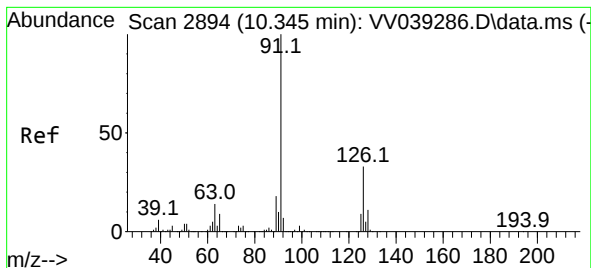
Tgt Ion:156 Resp: 194095
Ion Ratio Lower Upper
156 100
77 157.7 78.4 235.2
158 98.6 47.7 143.1



#78
n-propylbenzene
Concen: 20.077 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 91 Resp: 887506
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5





#79

2-Chlorotoluene

Concen: 20.505 ug/l

RT: 10.349 min Scan# 2894

Delta R.T. 0.003 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

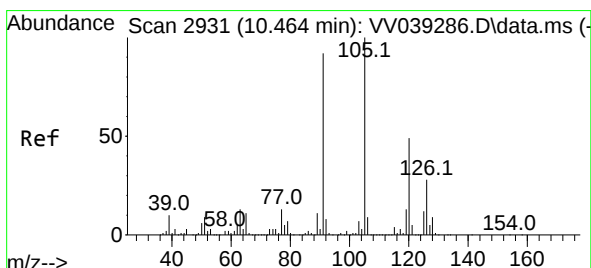
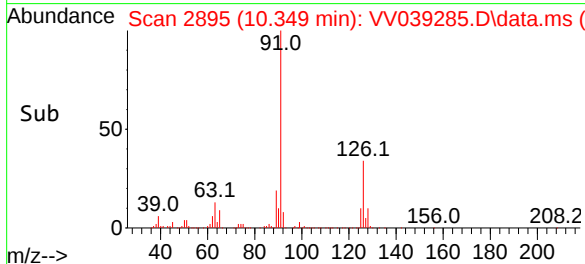
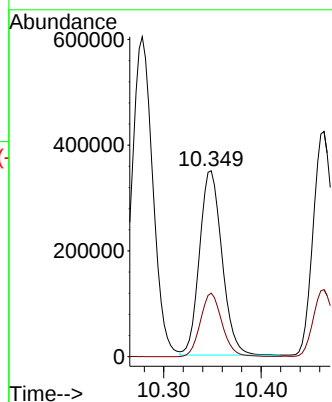
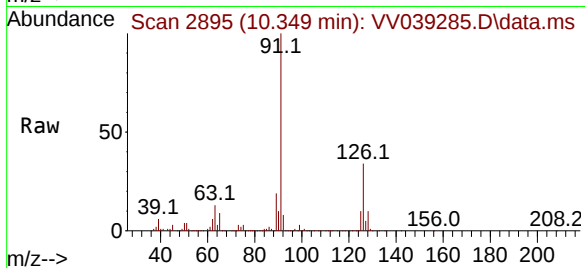
VSTDIC020

Tgt Ion: 91 Resp: 559619

Ion Ratio Lower Upper

91 100

126 33.4 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 20.708 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV039285.D

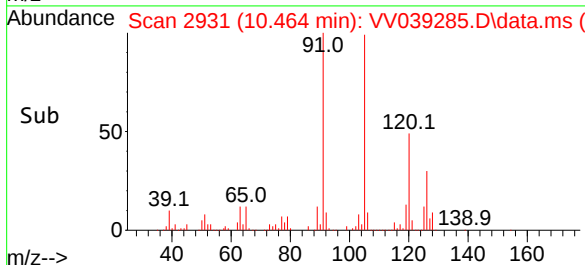
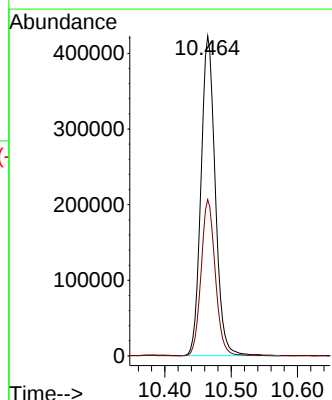
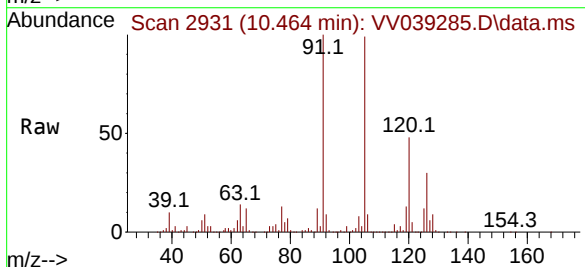
Acq: 07 Oct 2025 10:47

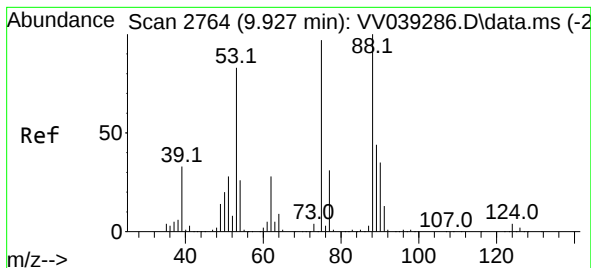
Tgt Ion: 105 Resp: 632709

Ion Ratio Lower Upper

105 100

120 48.8 24.3 73.0

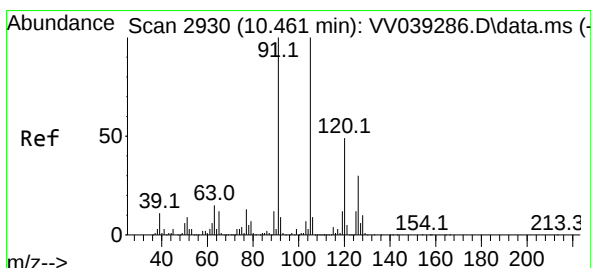
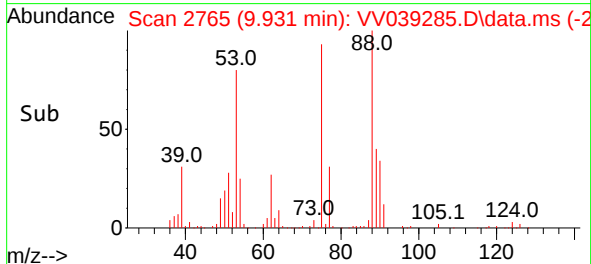
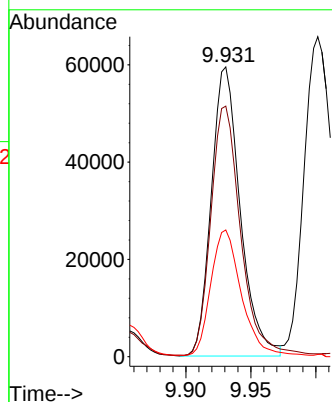
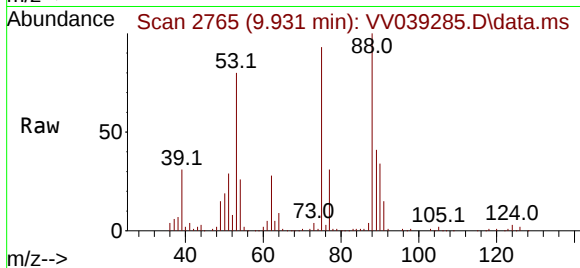




#81
trans-1,4-Dichloro-2-butene
Concen: 19.416 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

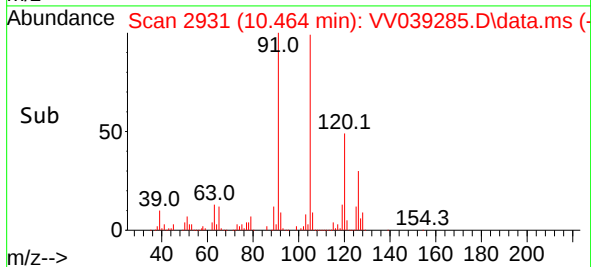
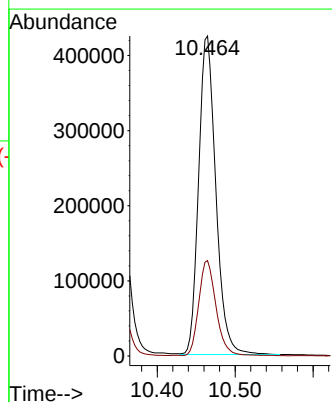
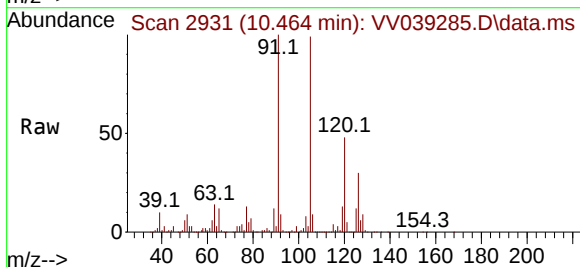
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

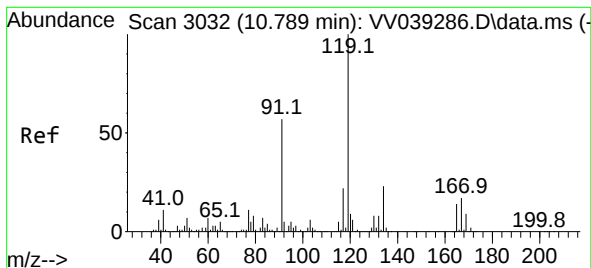
Tgt Ion: 75 Resp: 92057
Ion Ratio Lower Upper
75 100
53 88.5 69.9 104.9
89 45.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.733 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 91 Resp: 650385
Ion Ratio Lower Upper
91 100
126 30.1 14.8 44.4





#83

tert-Butylbenzene

Concen: 19.203 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

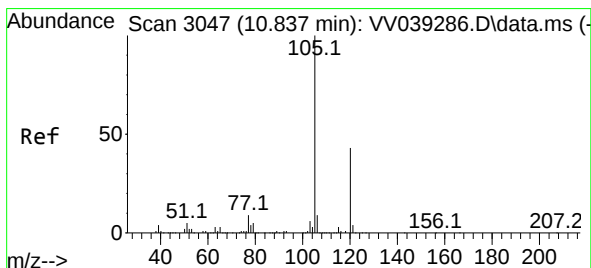
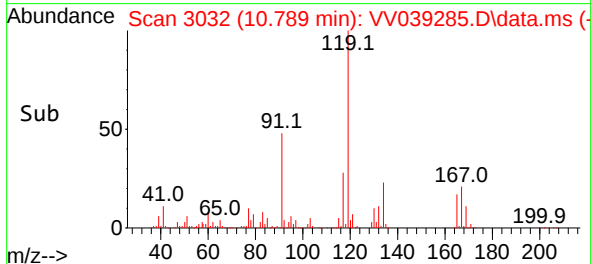
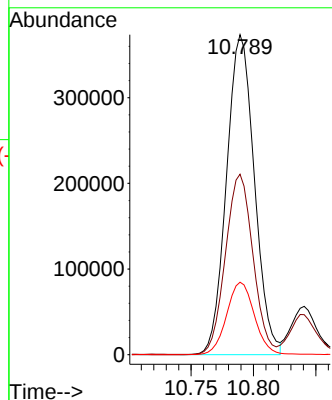
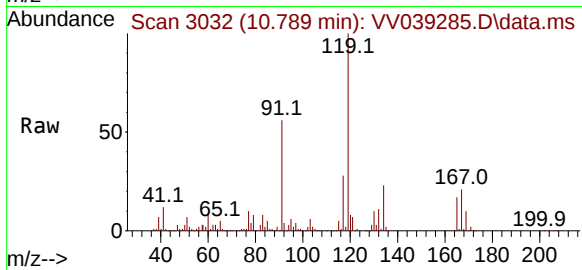
Tgt Ion:119 Resp: 582590

Ion Ratio Lower Upper

119 100

91 55.5 28.2 84.7

134 22.7 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 20.697 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039285.D

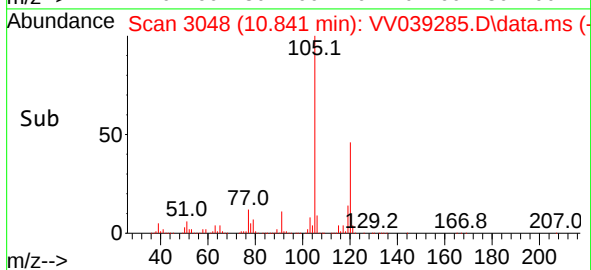
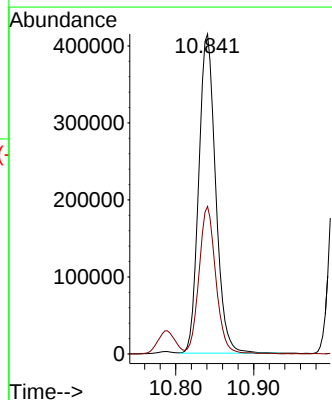
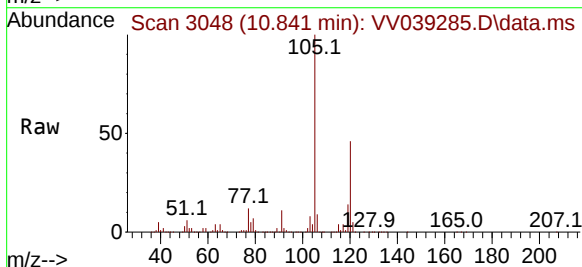
Acq: 07 Oct 2025 10:47

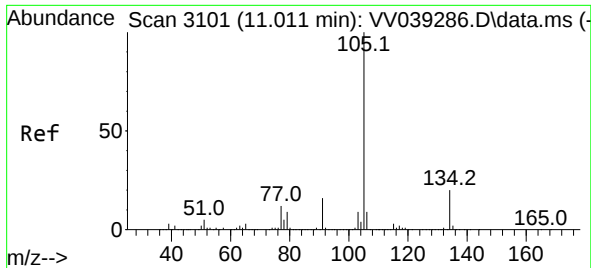
Tgt Ion:105 Resp: 622532

Ion Ratio Lower Upper

105 100

120 46.1 22.8 68.4

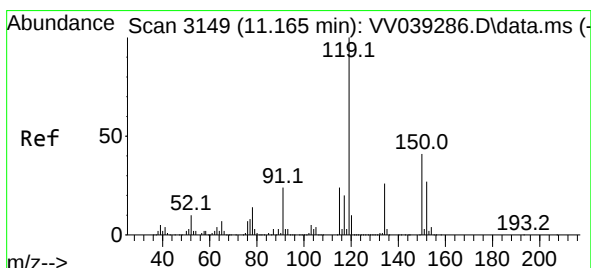
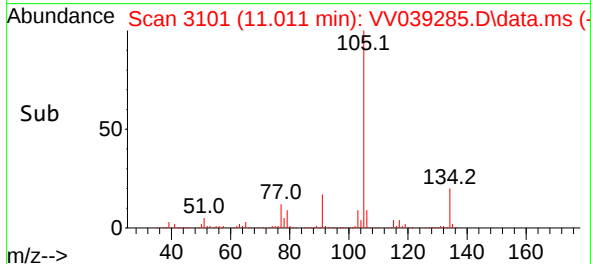
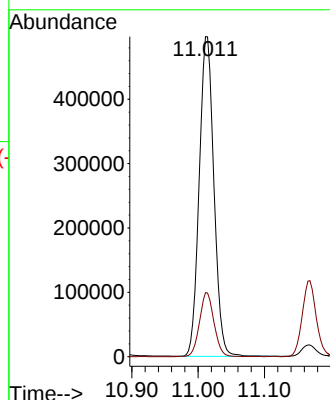
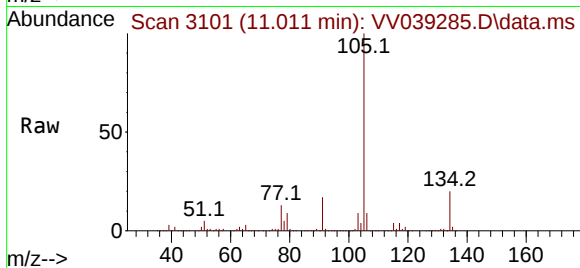




#85
 sec-Butylbenzene
 Concen: 19.954 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. 0.000 min
 Lab File: VV039285.D
 Acq: 07 Oct 2025 10:47

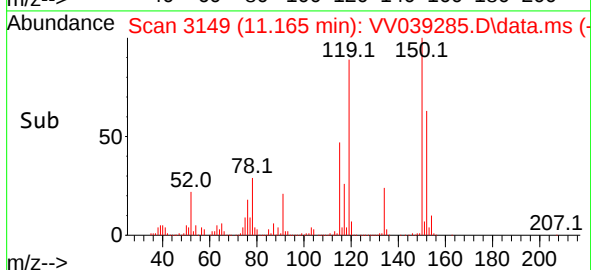
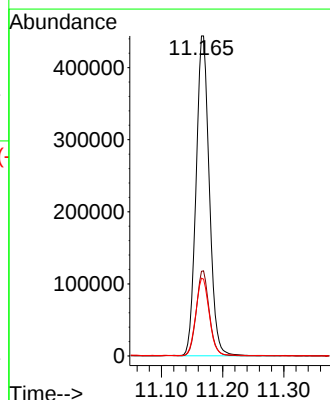
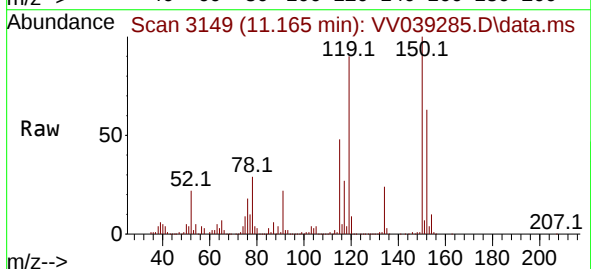
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

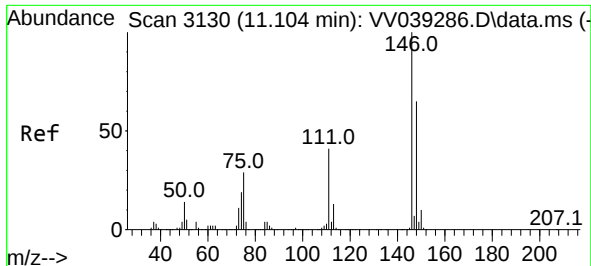
Tgt Ion:105 Resp: 765416
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 20.202 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VV039285.D
 Acq: 07 Oct 2025 10:47

Tgt Ion:119 Resp: 666282
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 24.6 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 19.824 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

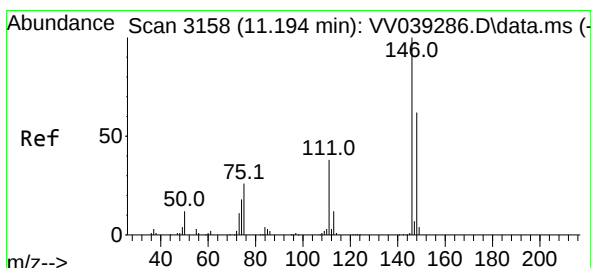
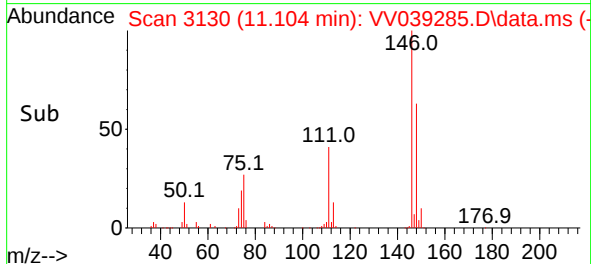
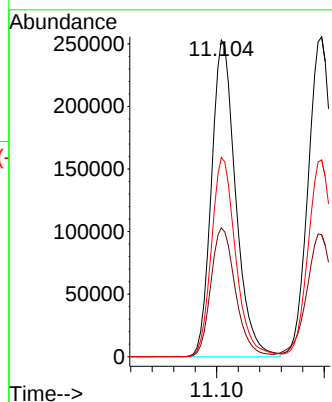
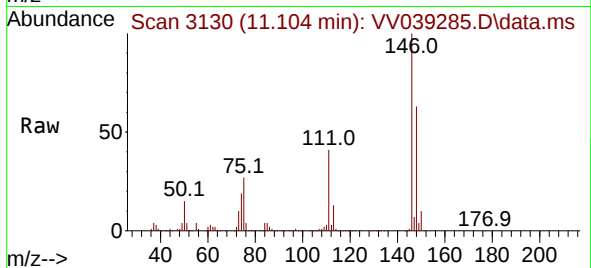
Tgt Ion:146 Resp: 396003

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.8

148 63.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 18.852 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.003 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

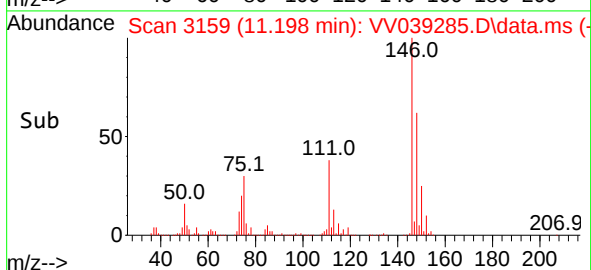
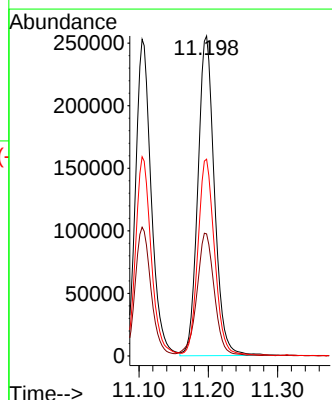
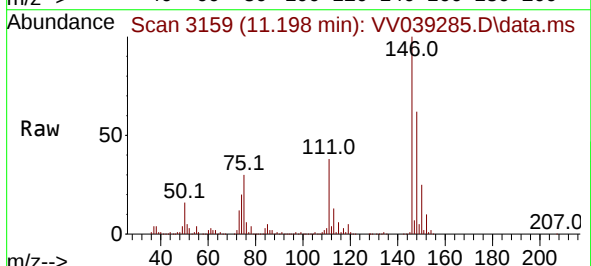
Tgt Ion:146 Resp: 424481

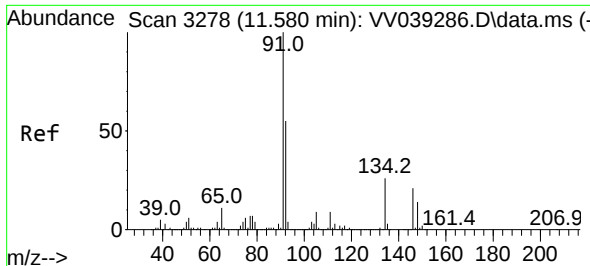
Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.0

148 61.8 31.5 94.5

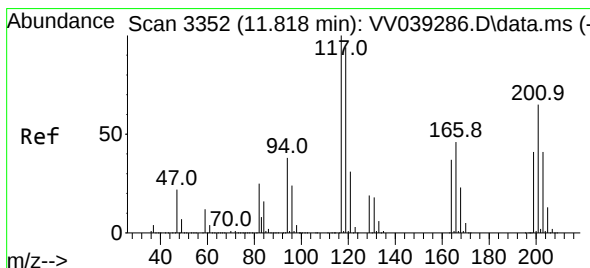
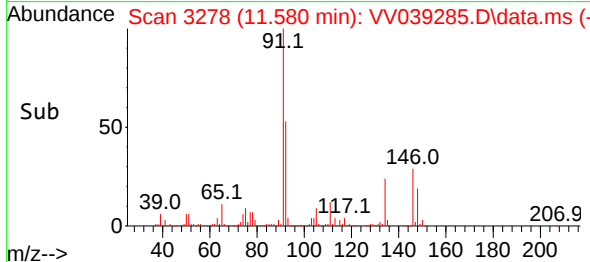
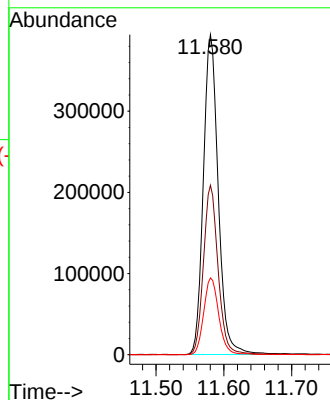
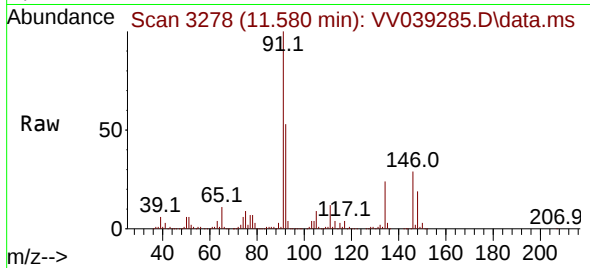




#89
n-Butylbenzene
Concen: 19.588 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

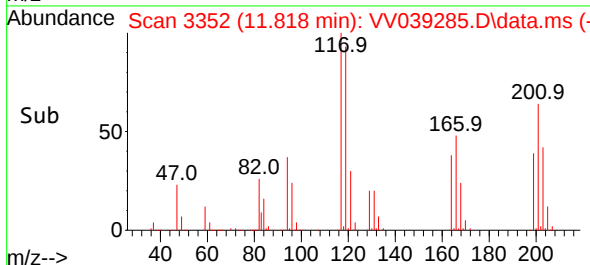
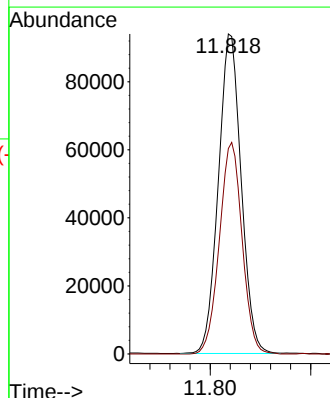
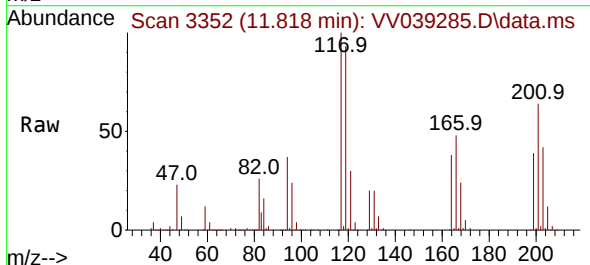
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

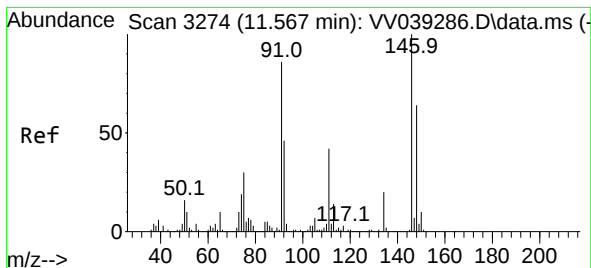
Tgt Ion: 91 Resp: 601624
Ion Ratio Lower Upper
91 100
92 52.1 26.9 80.6
134 24.2 12.6 37.8



#90
Hexachloroethane
Concen: 18.119 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VV039285.D
Acq: 07 Oct 2025 10:47

Tgt Ion: 117 Resp: 147765
Ion Ratio Lower Upper
117 100
201 65.9 33.7 101.1





#91

1,2-Dichlorobenzene

Concen: 18.913 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

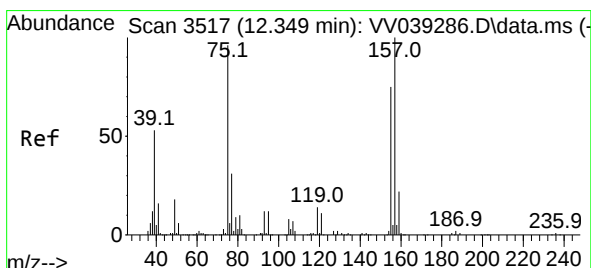
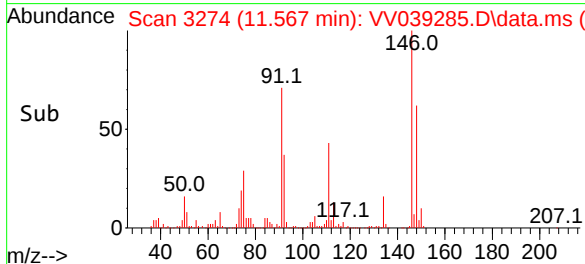
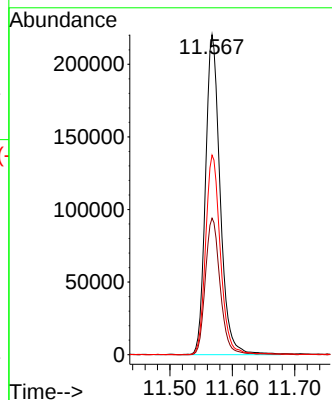
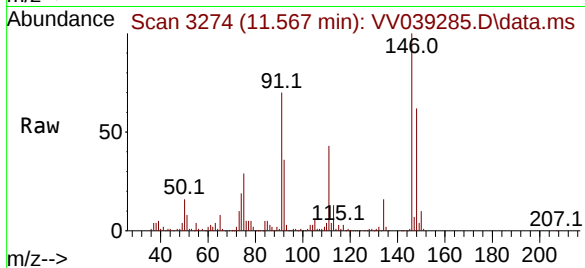
Tgt Ion:146 Resp: 359381

Ion Ratio Lower Upper

146 100

111 43.0 21.3 64.0

148 63.2 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.990 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

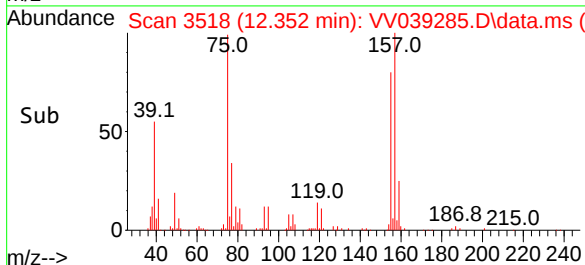
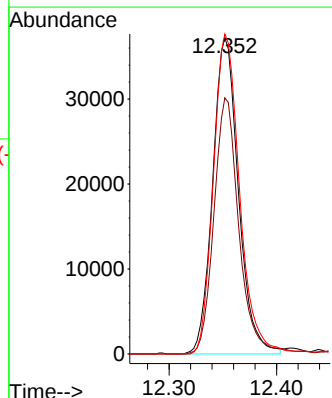
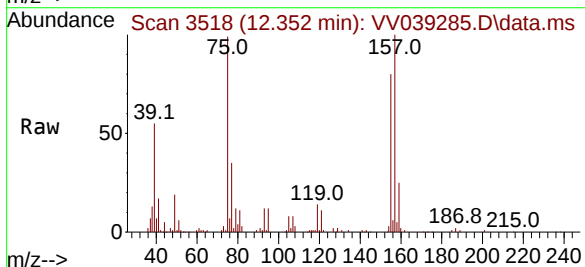
Tgt Ion: 75 Resp: 61887

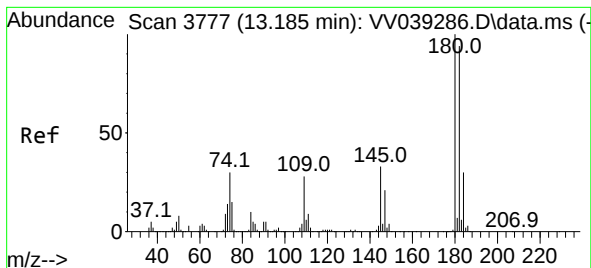
Ion Ratio Lower Upper

75 100

155 79.2 40.8 122.5

157 103.4 53.3 160.0





#93

1,2,4-Trichlorobenzene

Concen: 18.990 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

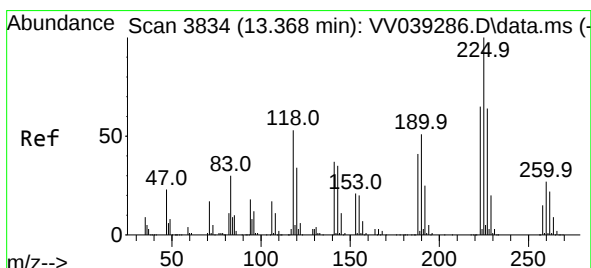
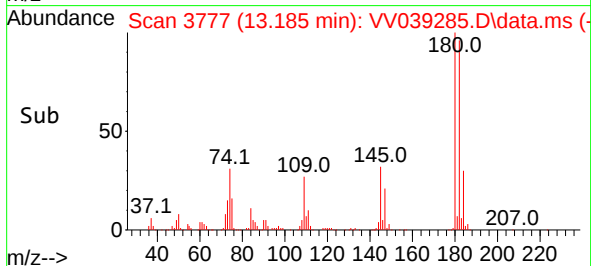
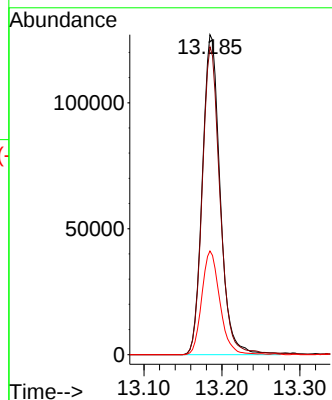
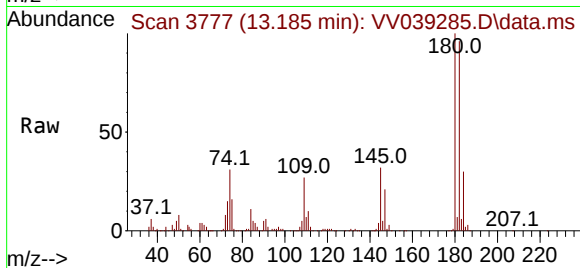
Tgt Ion:180 Resp: 201256

Ion Ratio Lower Upper

180 100

182 96.4 47.3 141.9

145 32.9 16.3 48.9



#94

Hexachlorobutadiene

Concen: 18.478 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

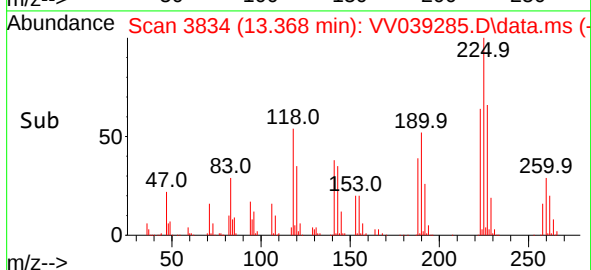
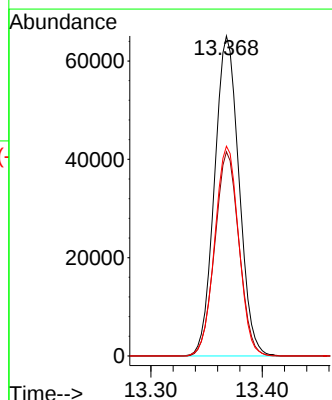
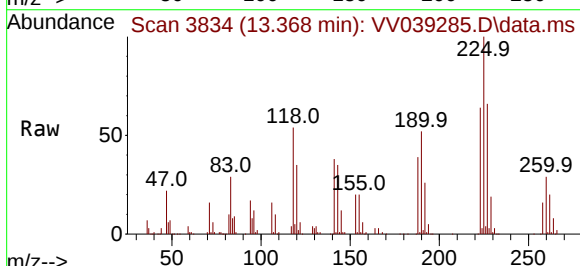
Tgt Ion:225 Resp: 99161

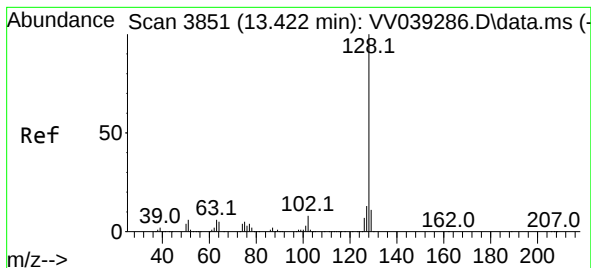
Ion Ratio Lower Upper

225 100

223 63.1 31.3 93.8

227 64.4 31.7 95.1





#95

Naphthalene

Concen: 19.021 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

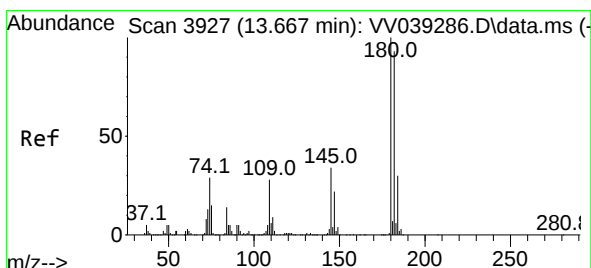
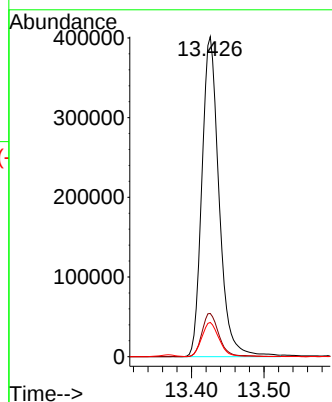
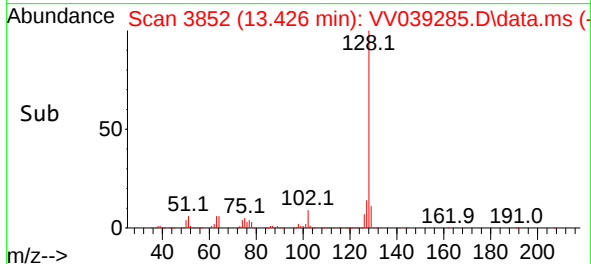
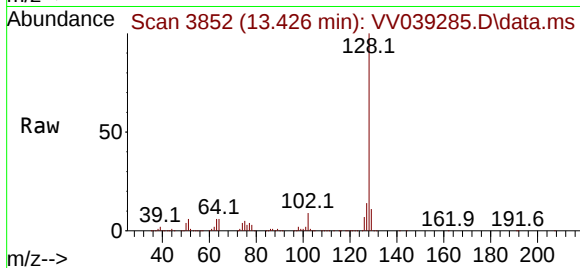
Tgt Ion:128 Resp: 660463

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.228 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039285.D

Acq: 07 Oct 2025 10:47

Tgt Ion:180 Resp: 211792

Ion Ratio Lower Upper

180 100

182 97.0 46.7 140.1

145 34.9 17.2 51.5

