

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100725\
 Data File : VV039284.D
 Acq On : 07 Oct 2025 10:25
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 08 04:40:52 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	668855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1059714	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1034430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	576425	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.947	65	101485	10.678	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	21.360%#
35) Dibromofluoromethane	4.506	113	86371	10.344	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	20.680%#
50) Toluene-d8	7.239	98	295414	10.400	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	20.800%#
62) 4-Bromofluorobenzene	10.005	95	100349	9.919	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	19.840%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	99022	11.713	ug/l	96
3) Chloromethane	1.230	50	100818	11.455	ug/l	97
4) Vinyl Chloride	1.298	62	110654	11.020	ug/l	99
5) Bromomethane	1.500	94	77797	11.941	ug/l	96
6) Chloroethane	1.561	64	69485	10.769	ug/l	99
7) Trichlorofluoromethane	1.728	101	168235	10.967	ug/l	100
8) Diethyl Ether	1.921	74	58806	10.609	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	100874	10.982	ug/l	99
10) Methyl Iodide	2.198	142	75300	9.515	ug/l	100
11) Tert butyl alcohol	2.571	59	104908	56.958	ug/l	99
12) 1,1-Dichloroethene	2.082	96	95079	10.542	ug/l	96
13) Acrolein	2.011	56	55414	46.375	ug/l	94
14) Allyl chloride	2.359	41	151839	10.621	ug/l	100
15) Acrylonitrile	2.677	53	290244	53.138	ug/l	100
16) Acetone	2.121	43	280746	55.567	ug/l	97
17) Carbon Disulfide	2.252	76	271095	10.642	ug/l	100
18) Methyl Acetate	2.381	43	139718	11.345	ug/l	97
19) Methyl tert-butyl Ether	2.716	73	290036	10.685	ug/l	99
20) Methylene Chloride	2.458	84	106777	10.928	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	100933	10.629	ug/l	94
22) Diisopropyl ether	3.220	45	281152	10.953	ug/l	92
23) Vinyl Acetate	3.191	43	1212165	53.792	ug/l	99
24) 1,1-Dichloroethane	3.117	63	184286	10.717	ug/l	99
25) 2-Butanone	3.876	43	312212	53.871	ug/l	98
26) 2,2-Dichloropropane	3.812	77	147629	10.659	ug/l	99
27) cis-1,2-Dichloroethene	3.825	96	98093	10.317	ug/l	97
28) Bromochloromethane	4.153	49	75953	10.107	ug/l	99
29) Tetrahydrofuran	4.243	42	194816	52.437	ug/l	98
30) Chloroform	4.278	83	188539	10.751	ug/l	97
31) Cyclohexane	4.584	56	134301	10.722	ug/l #	94
32) 1,1,1-Trichloroethane	4.516	97	165036	10.764	ug/l	99
36) 1,1-Dichloropropene	4.748	75	108748	10.369	ug/l	98
37) Ethyl Acetate	3.986	43	129928	10.617	ug/l #	79
38) Carbon Tetrachloride	4.735	117	141348	10.633	ug/l	99
39) Methylcyclohexane	6.047	83	119660	9.983	ug/l	94
40) Benzene	5.011	78	366088	10.879	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	46557	10.257	ug/l	93
42) 1,2-Dichloroethane	5.047	62	127973	10.835	ug/l	99
43) Isopropyl Acetate	5.201	43	176213	10.537	ug/l	96
44) Trichloroethene	5.834	130	90047	10.641	ug/l	98
45) 1,2-Dichloropropane	6.092	63	88868	10.852	ug/l	95
46) Dibromomethane	6.230	93	73826	10.786	ug/l	98
47) Bromodichloromethane	6.429	83	145721	10.805	ug/l	96
48) Methyl methacrylate	6.307	41	68523	9.202	ug/l	96
49) 1,4-Dioxane	6.297	88	27138	219.073	ug/l	91
51) 4-Methyl-2-Pentanone	7.153	43	633258	56.786	ug/l	98
52) Toluene	7.310	92	226876	11.166	ug/l	100
53) t-1,3-Dichloropropene	7.580	75	127407	10.810	ug/l	98
54) cis-1,3-Dichloropropene	6.953	75	142163	10.849	ug/l	98
55) 1,1,2-Trichloroethane	7.764	97	99879	10.886	ug/l	99
56) Ethyl methacrylate	7.719	69	103595	10.113	ug/l	98
57) 1,3-Dichloropropane	7.937	76	153896	11.115	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.815	63	245944	46.122	ug/l	100
59) 2-Hexanone	8.066	43	452813	55.309	ug/l	94
60) Dibromochloromethane	8.169	129	116696	10.878	ug/l	99
61) 1,2-Dibromoethane	8.278	107	107473	11.250	ug/l	98
64) Tetrachloroethene	7.899	164	78107	10.351	ug/l	91
65) Chlorobenzene	8.805	112	264008	10.781	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	99081	10.802	ug/l	99
67) Ethyl Benzene	8.937	91	372030	10.314	ug/l	99
68) m/p-Xylenes	9.063	106	309238	21.615	ug/l	97
69) o-Xylene	9.471	106	127839	10.118	ug/l	96
70) Styrene	9.487	104	231149	10.282	ug/l	98
71) Bromoform	9.657	173	77970	10.511	ug/l #	99
73) Isopropylbenzene	9.857	105	359579	10.273	ug/l	99
74) N-amyl acetate	9.728	43	137734	9.479	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.165	83	166524	10.359	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	119595	10.395	ug/l	93
77) Bromobenzene	10.143	156	103385	10.744	ug/l	98
78) n-propylbenzene	10.278	91	439318	10.344	ug/l	99
79) 2-Chlorotoluene	10.349	91	283648	10.817	ug/l	100
80) 1,3,5-Trimethylbenzene	10.468	105	310730	10.584	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	47784	10.489	ug/l	97
82) 4-Chlorotoluene	10.464	91	331140	10.987	ug/l	99
83) tert-Butylbenzene	10.789	119	291566	10.002	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	294286	10.183	ug/l	99
85) sec-Butylbenzene	11.011	105	378164	10.260	ug/l	100
86) p-Isopropyltoluene	11.169	119	329566	10.400	ug/l	98
87) 1,3-Dichlorobenzene	11.107	146	209425	10.912	ug/l	98
88) 1,4-Dichlorobenzene	11.197	146	226149	10.453	ug/l	95
89) n-Butylbenzene	11.580	91	296155	10.036	ug/l	97
90) Hexachloroethane	11.821	117	82020	10.467	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	190419	10.430	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	33178	10.038	ug/l	96
93) 1,2,4-Trichlorobenzene	13.188	180	101434	9.961	ug/l	98
94) Hexachlorobutadiene	13.368	225	53255	10.328	ug/l	99
95) Naphthalene	13.426	128	306685	9.193	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	107157	10.125	ug/l	99

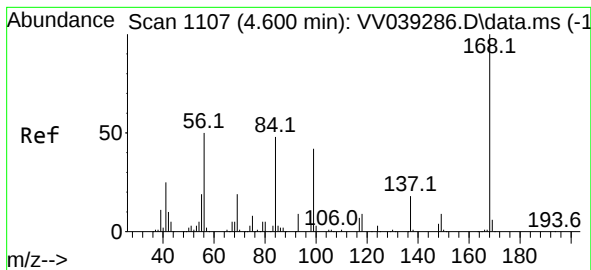
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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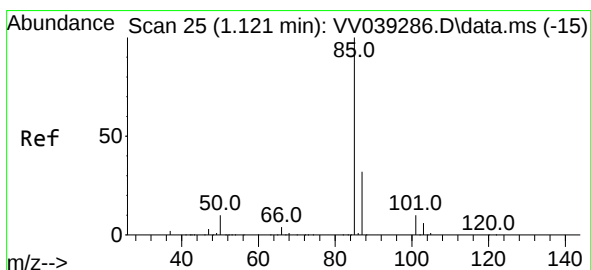
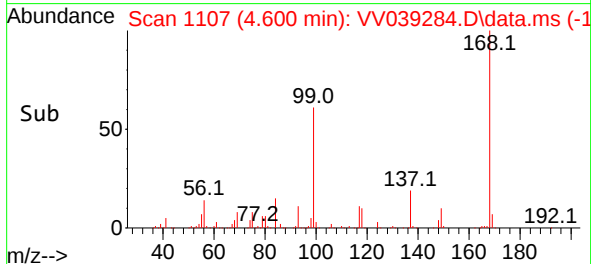
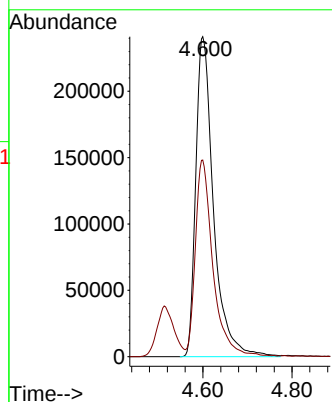
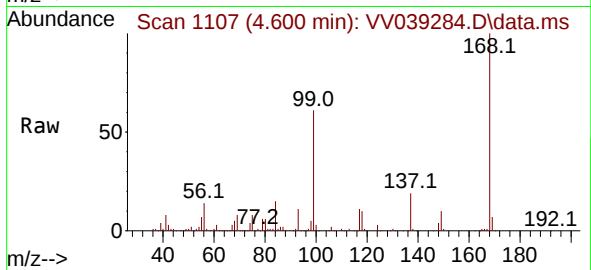
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

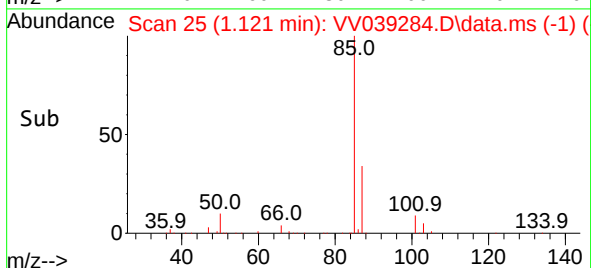
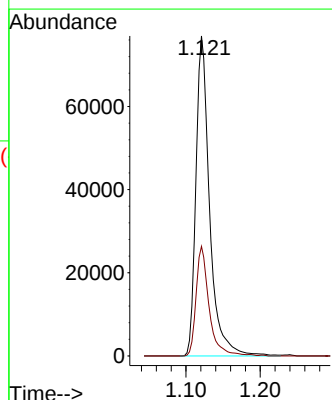
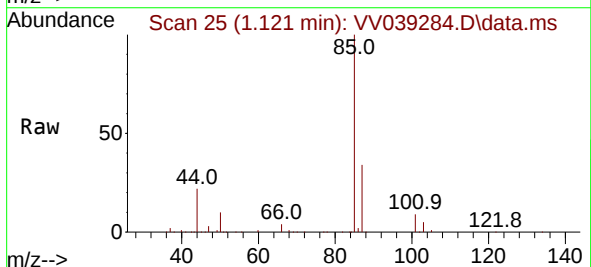
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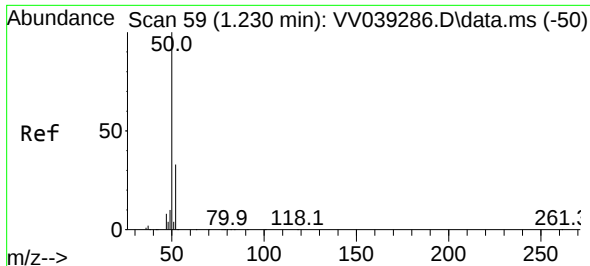
Tgt Ion:168 Resp: 668855
Ion Ratio Lower Upper
168 100
99 61.2 46.6 70.0



#2
Dichlorodifluoromethane
Concen: 11.713 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 85 Resp: 99022
Ion Ratio Lower Upper
85 100
87 34.3 16.1 48.2

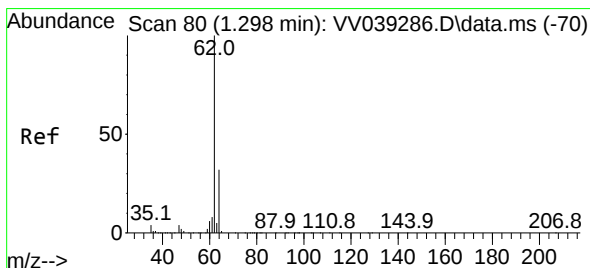
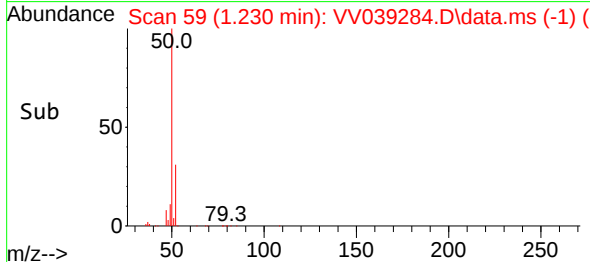
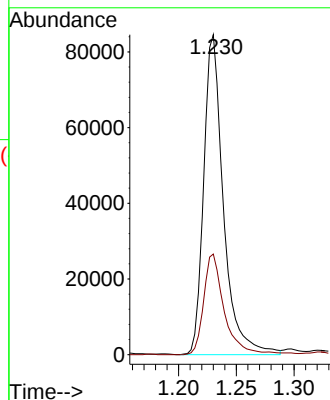
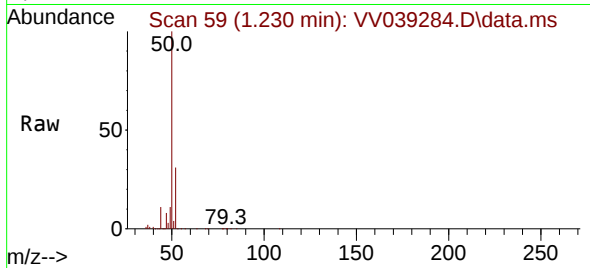




#3
Chloromethane
Concen: 11.455 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

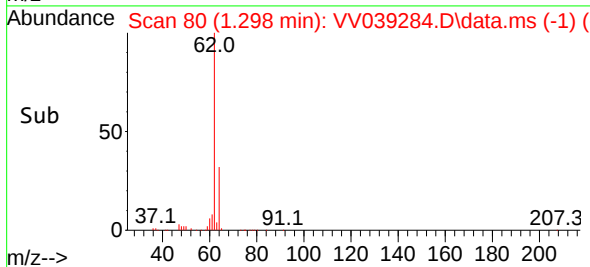
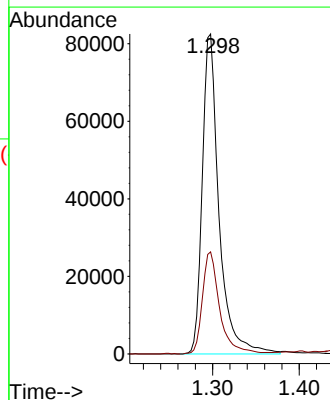
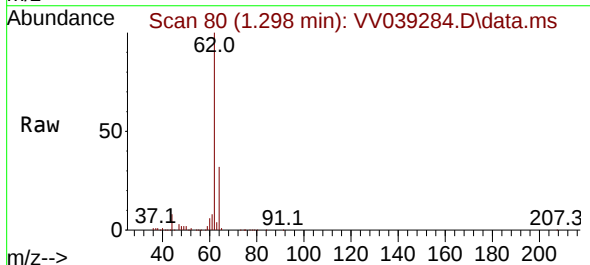
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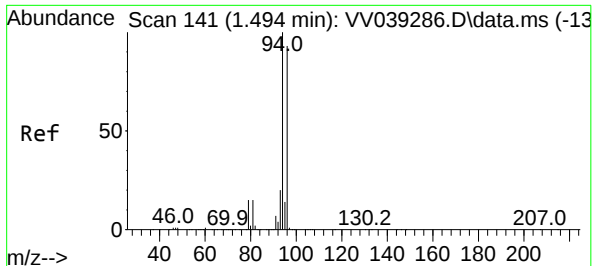
Tgt Ion: 50 Resp: 100818
Ion Ratio Lower Upper
50 100
52 31.5 26.6 39.8



#4
Vinyl Chloride
Concen: 11.020 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 62 Resp: 110654
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6

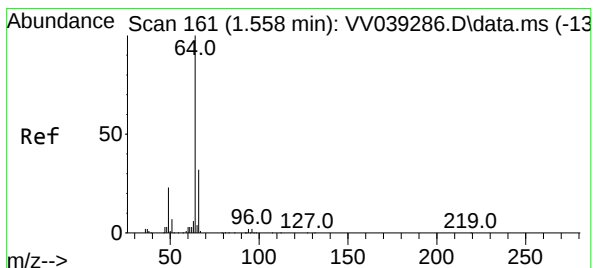
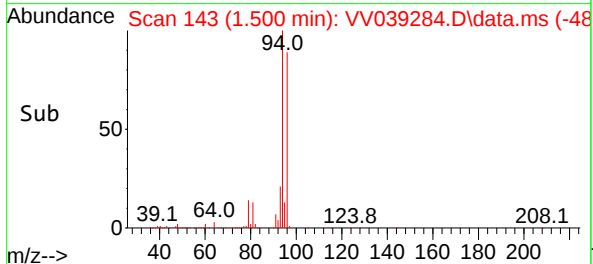
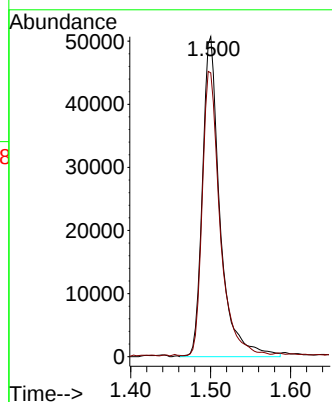
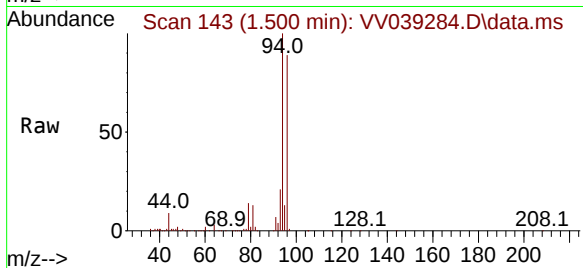




#5
Bromomethane
Concen: 11.941 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.006 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

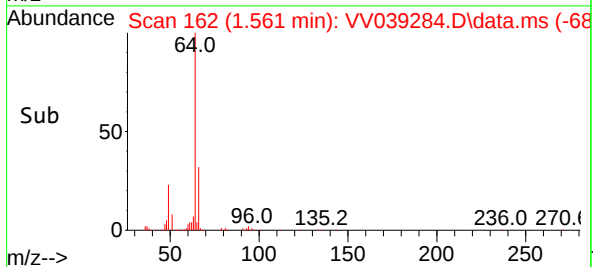
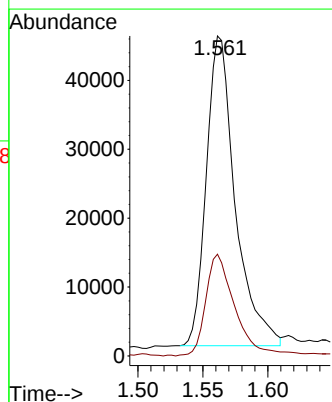
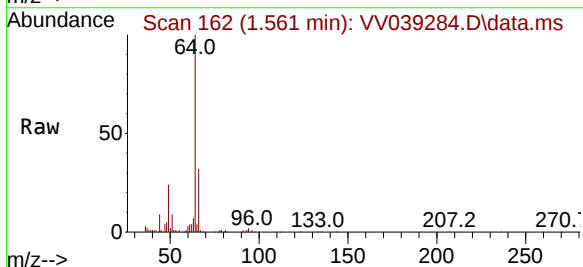
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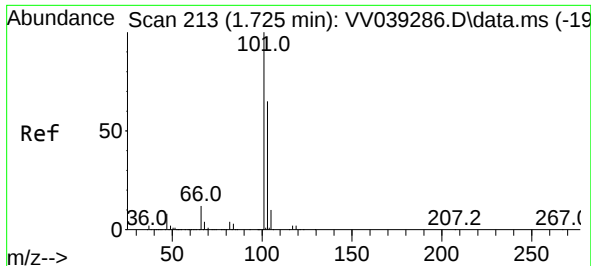
Tgt Ion: 94 Resp: 77797
Ion Ratio Lower Upper
94 100
96 88.5 74.2 111.2



#6
Chloroethane
Concen: 10.769 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 64 Resp: 69485
Ion Ratio Lower Upper
64 100
66 32.6 25.7 38.5

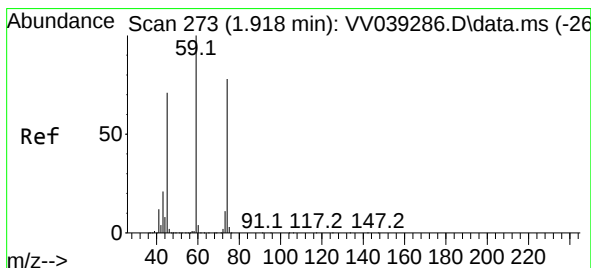
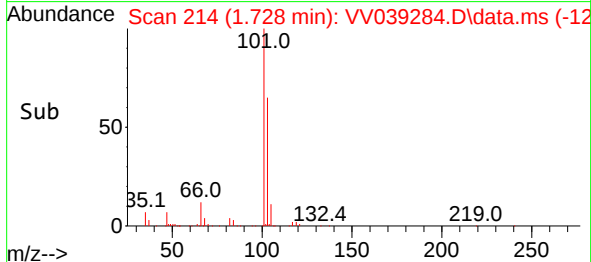
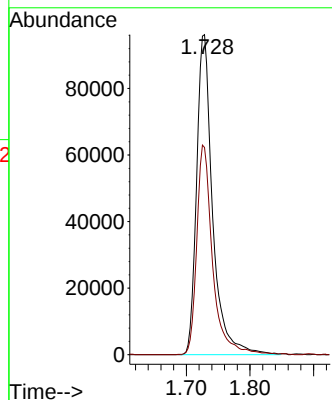
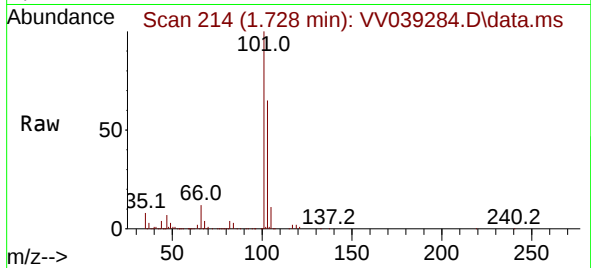




#7
 Trichlorofluoromethane
 Concen: 10.967 ug/l
 RT: 1.728 min Scan# 213
 Delta R.T. 0.003 min
 Lab File: VV039284.D
 Acq: 07 Oct 2025 10:25

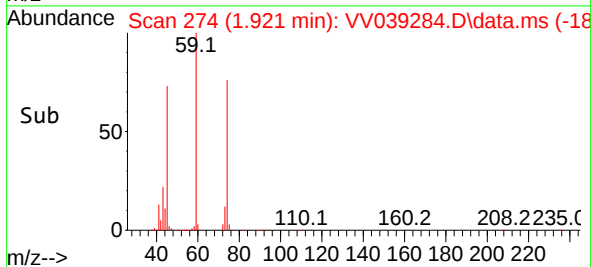
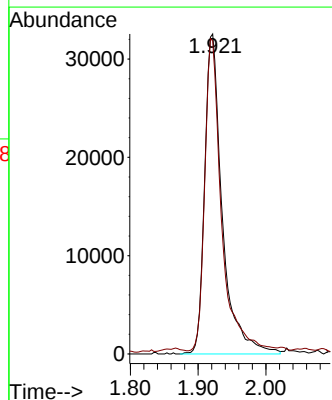
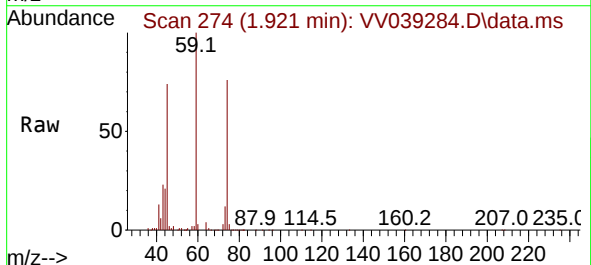
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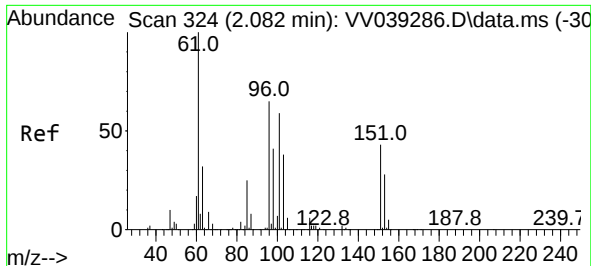
Tgt Ion:101 Resp: 168235
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.0 78.0



#8
 Diethyl Ether
 Concen: 10.609 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.003 min
 Lab File: VV039284.D
 Acq: 07 Oct 2025 10:25

Tgt Ion: 74 Resp: 58806
 Ion Ratio Lower Upper
 74 100
 45 92.4 45.9 137.7

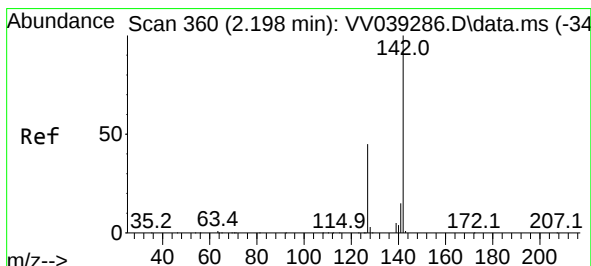
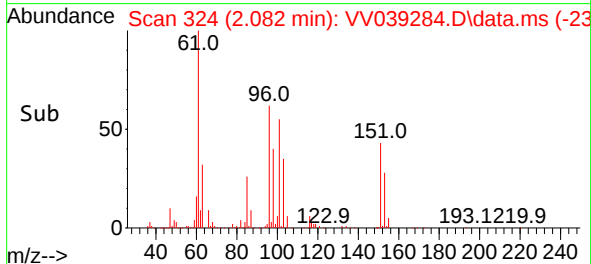
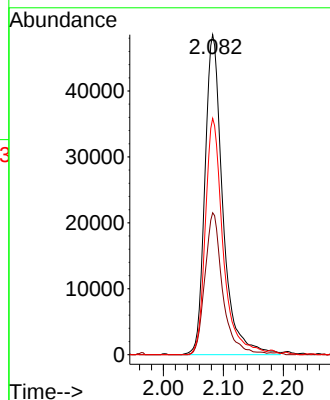
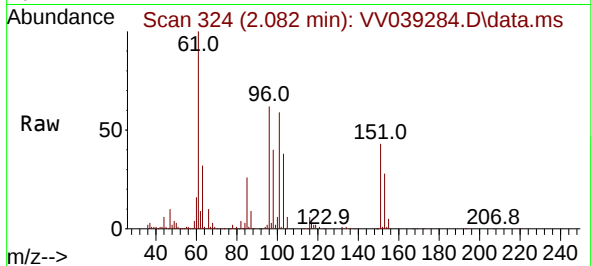




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.982 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

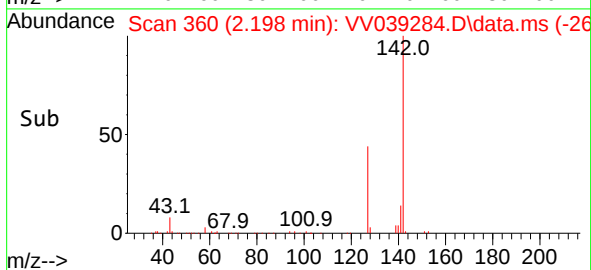
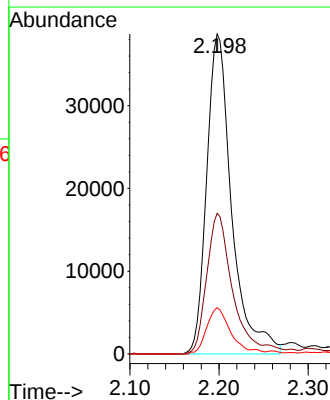
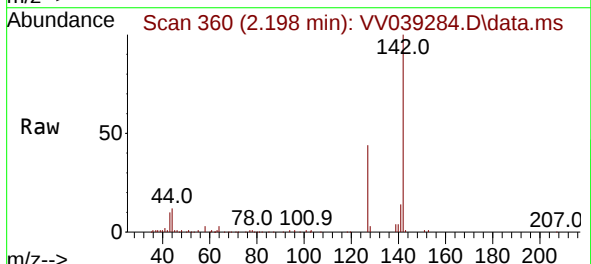
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

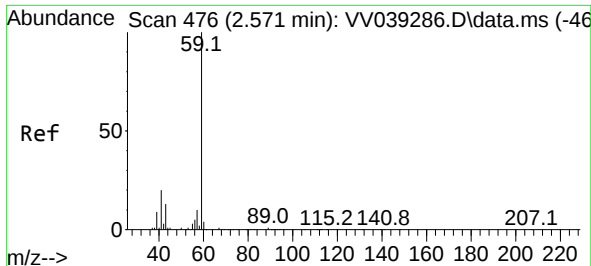
Tgt Ion:101 Resp: 100874
Ion Ratio Lower Upper
101 100
85 43.9 34.0 51.0
151 73.0 58.5 87.7



#10
Methyl Iodide
Concen: 9.515 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion:142 Resp: 75300
Ion Ratio Lower Upper
142 100
127 44.2 35.5 53.3
141 14.0 11.5 17.3

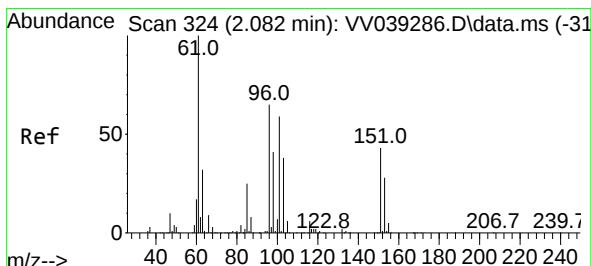
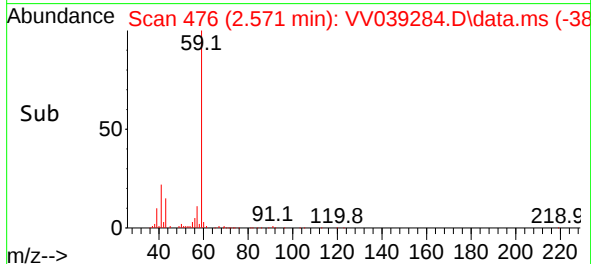
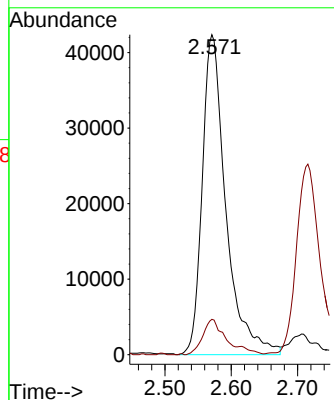
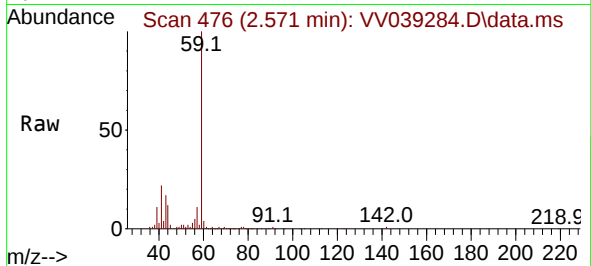




#11
Tert butyl alcohol
Concen: 56.958 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

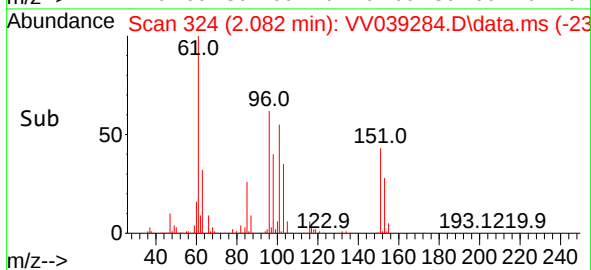
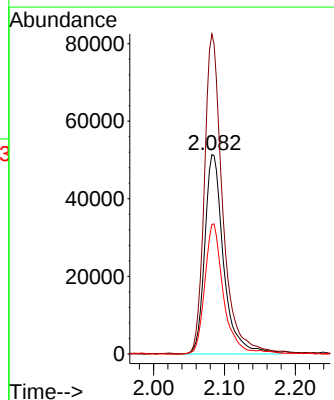
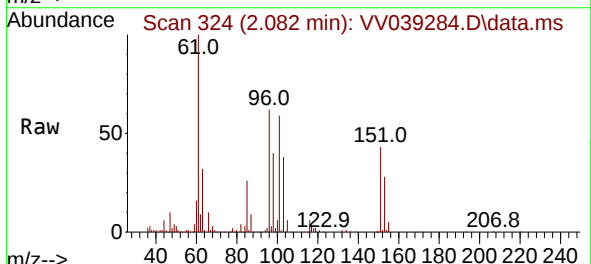
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

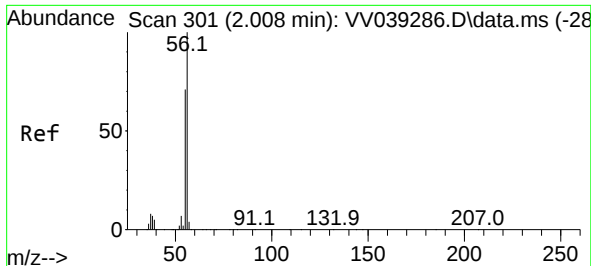
Tgt Ion: 59 Resp: 104908
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1



#12
1,1-Dichloroethene
Concen: 10.542 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 96 Resp: 95079
Ion Ratio Lower Upper
96 100
61 160.4 123.6 185.4
98 65.0 51.1 76.7

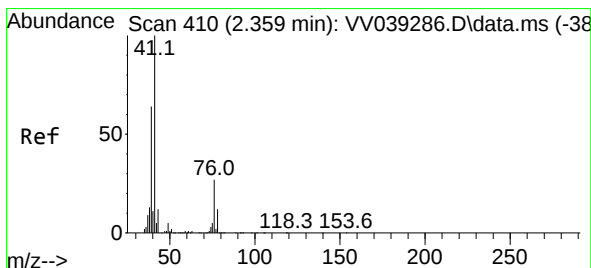
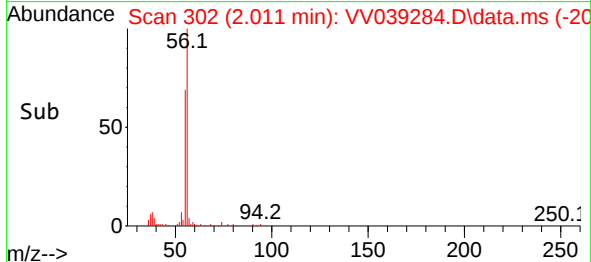
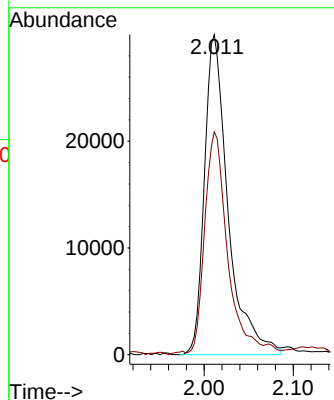
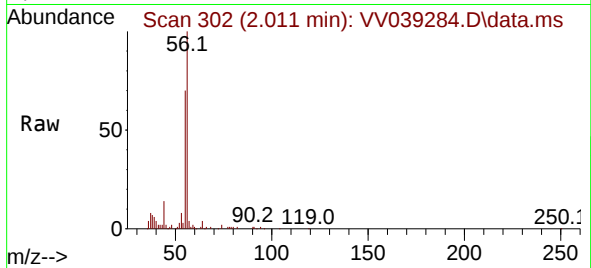




#13
Acrolein
Concen: 46.375 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

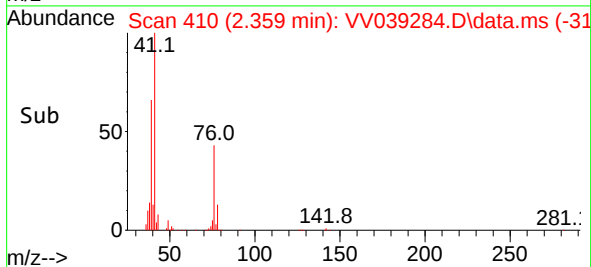
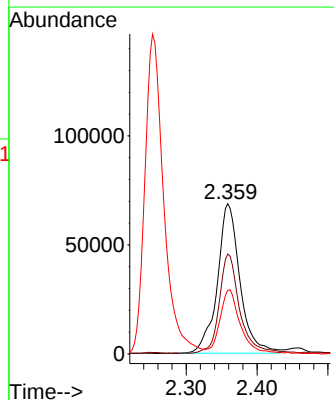
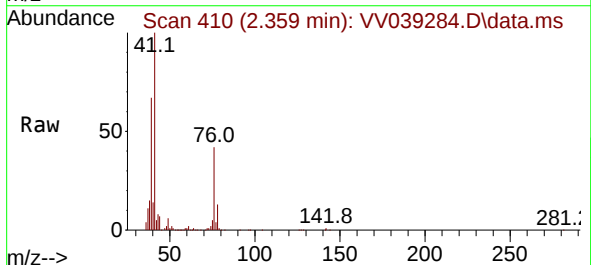
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

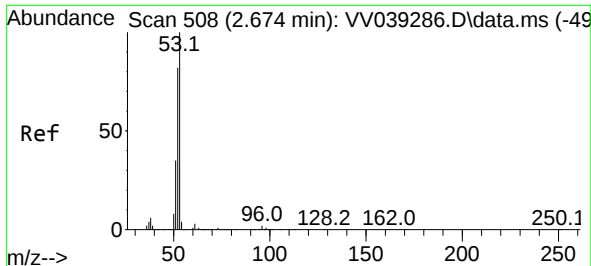
Tgt Ion: 56 Resp: 55414
Ion Ratio Lower Upper
56 100
55 65.1 56.2 84.4



#14
Allyl chloride
Concen: 10.621 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 41 Resp: 151839
Ion Ratio Lower Upper
41 100
39 60.0 47.8 71.6
76 37.4 30.2 45.2

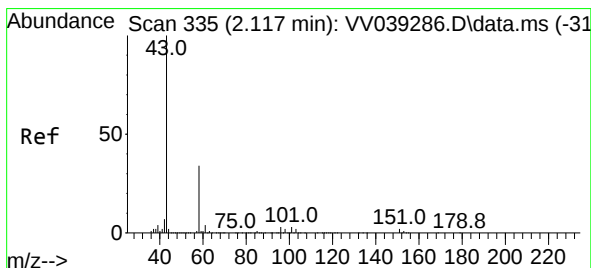
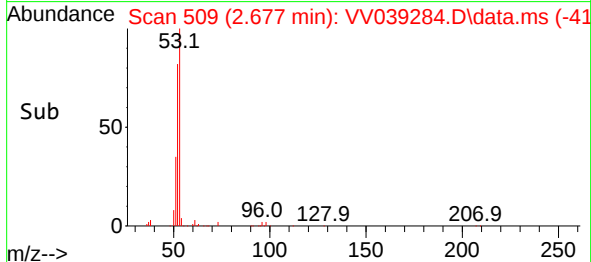
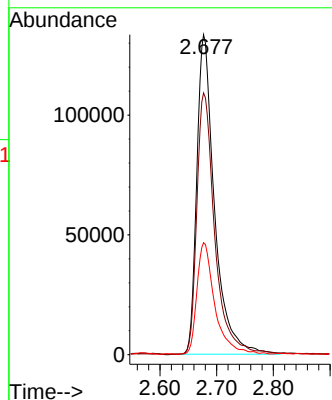
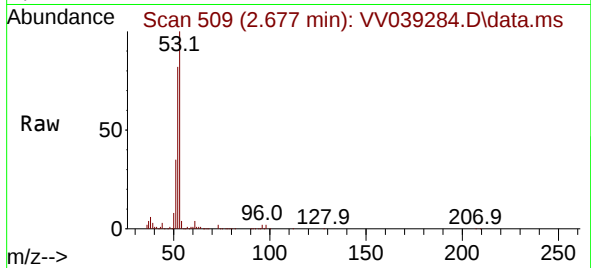




#15
 Acrylonitrile
 Concen: 53.138 ug/l
 RT: 2.677 min Scan# 508
 Delta R.T. 0.003 min
 Lab File: VV039284.D
 Acq: 07 Oct 2025 10:25

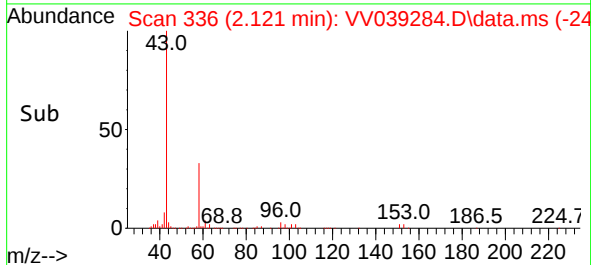
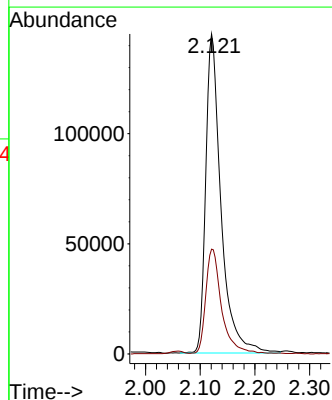
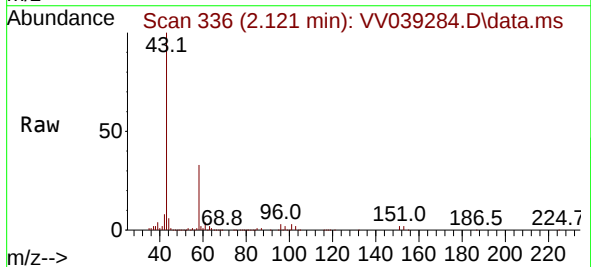
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

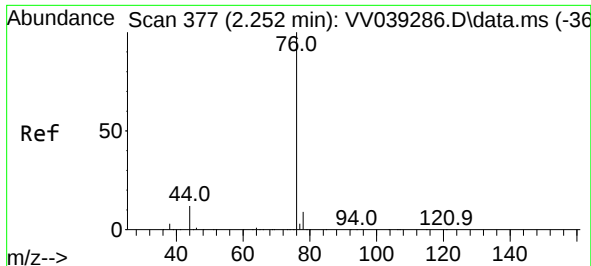
Tgt Ion: 53 Resp: 290244
 Ion Ratio Lower Upper
 53 100
 52 81.8 65.0 97.6
 51 35.1 27.9 41.9



#16
 Acetone
 Concen: 55.567 ug/l
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV039284.D
 Acq: 07 Oct 2025 10:25

Tgt Ion: 43 Resp: 280746
 Ion Ratio Lower Upper
 43 100
 58 32.5 27.5 41.3

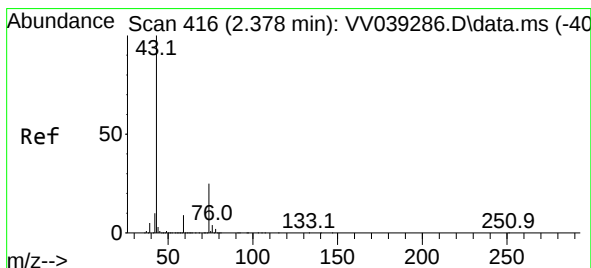
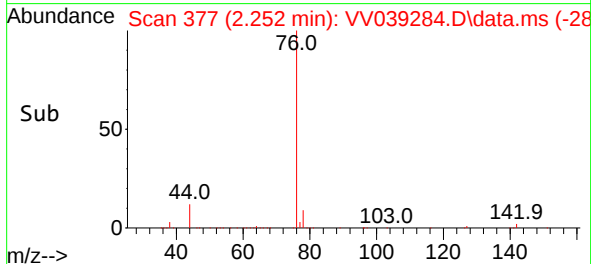
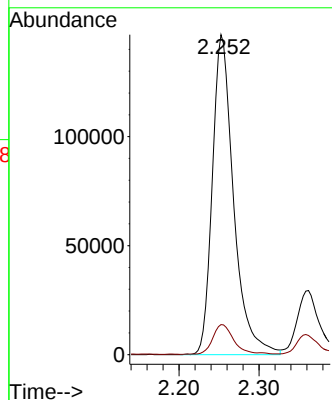
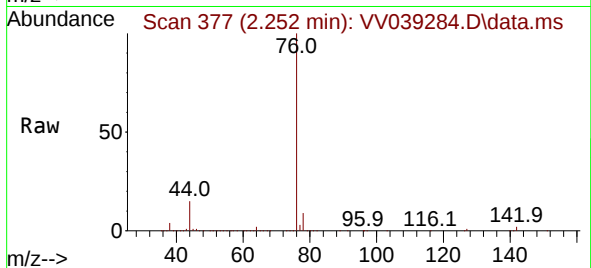




#17
Carbon Disulfide
Concen: 10.642 ug/l
RT: 2.252 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

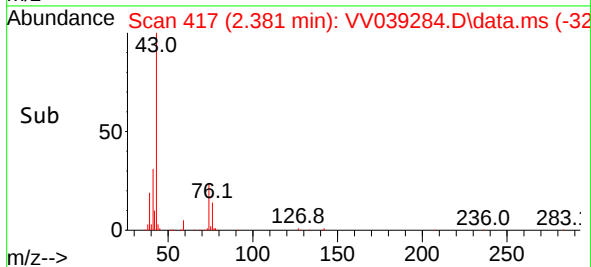
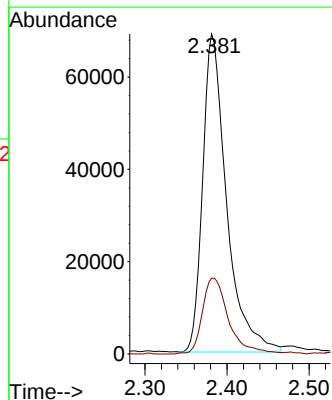
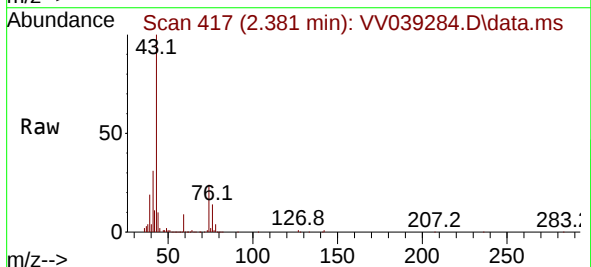
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

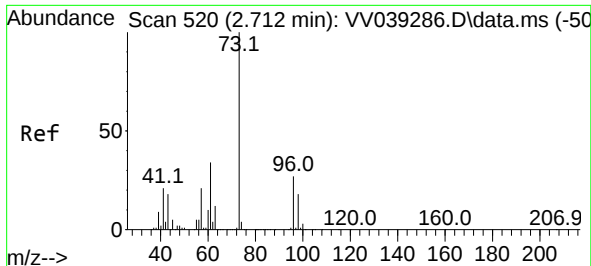
Tgt Ion: 76 Resp: 271095
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 11.345 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 43 Resp: 139718
Ion Ratio Lower Upper
43 100
74 26.0 19.5 29.3

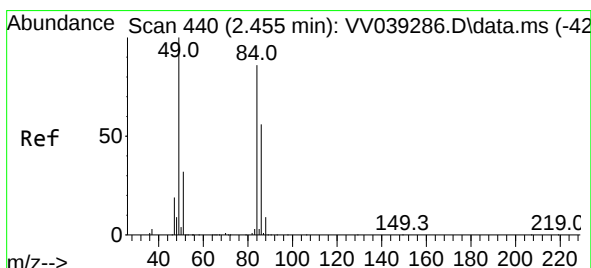
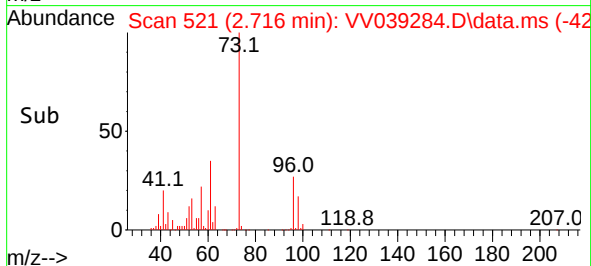
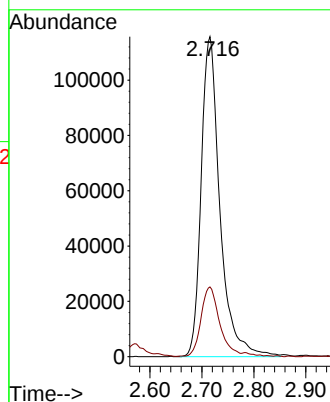
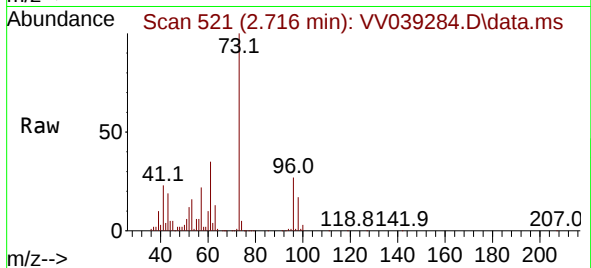




#19
Methyl tert-butyl Ether
Concen: 10.685 ug/l
RT: 2.716 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

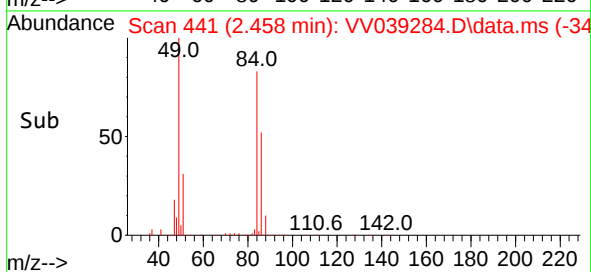
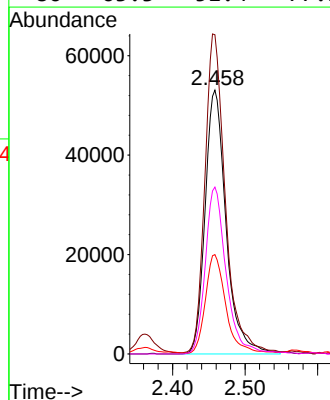
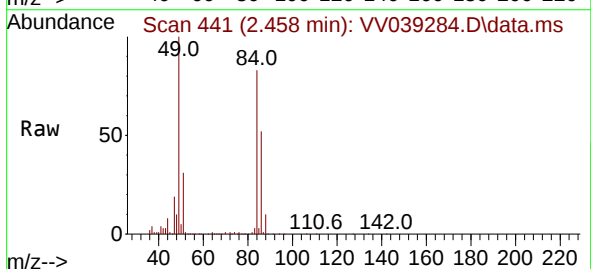
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

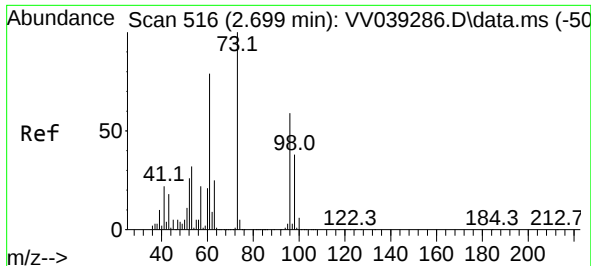
Tgt Ion: 73 Resp: 290036
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.6



#20
Methylene Chloride
Concen: 10.928 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 84 Resp: 106777
Ion Ratio Lower Upper
84 100
49 120.5 92.6 139.0
51 37.3 29.6 44.4
86 63.3 51.4 77.2

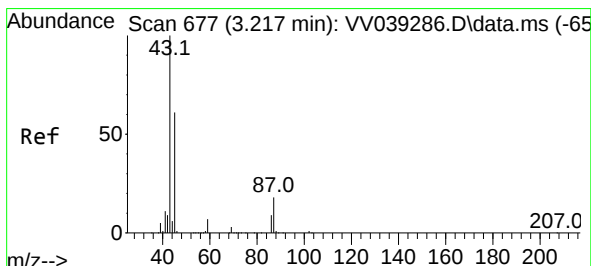
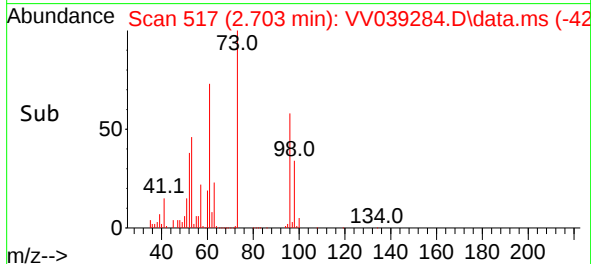
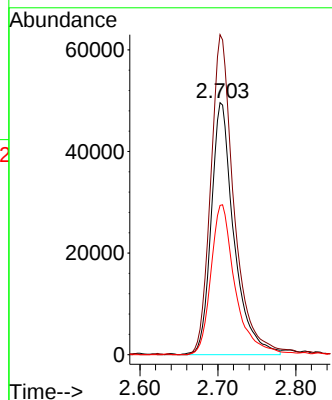
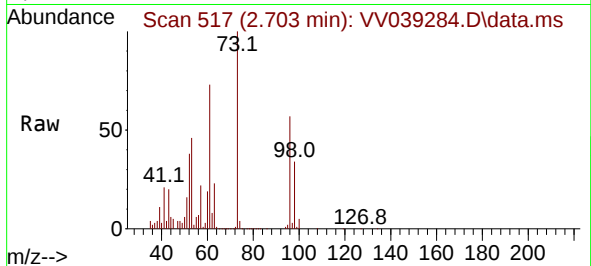




#21
trans-1,2-Dichloroethene
Concen: 10.629 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

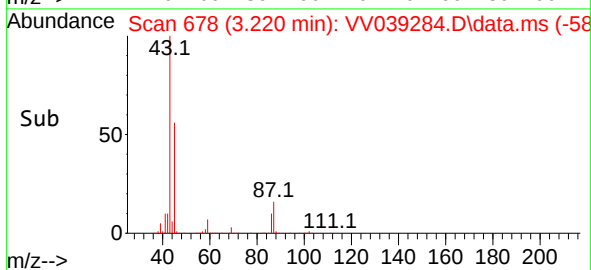
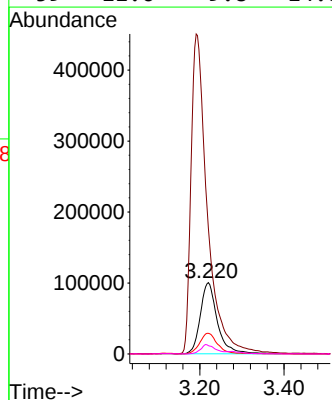
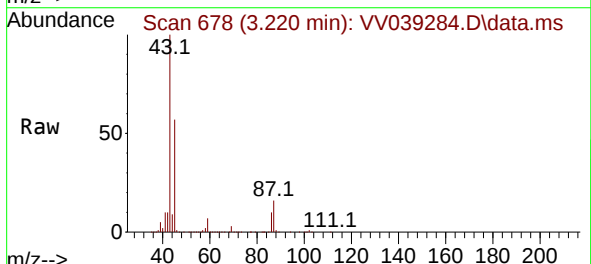
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

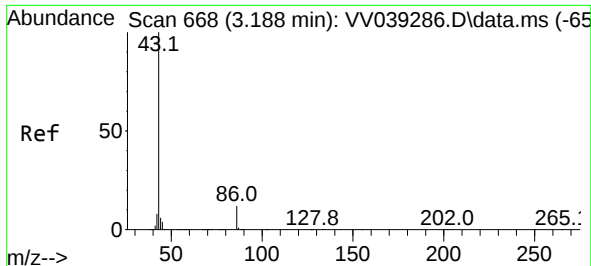
Tgt Ion: 96 Resp: 100933
Ion Ratio Lower Upper
96 100
61 127.0 106.8 160.2
98 59.3 51.1 76.7



#22
Diisopropyl ether
Concen: 10.953 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 45 Resp: 281152
Ion Ratio Lower Upper
45 100
43 176.7 130.8 196.2
87 28.8 23.8 35.8
59 11.6 9.8 14.8

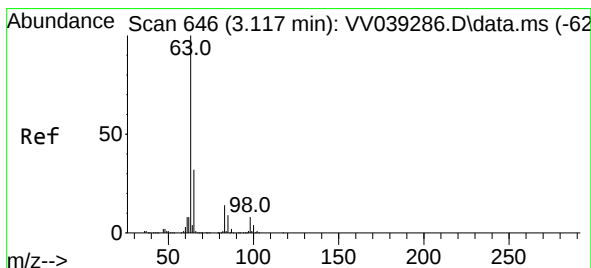
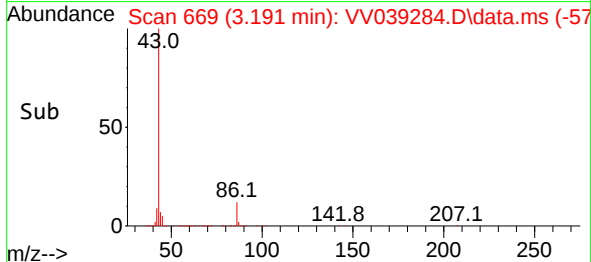
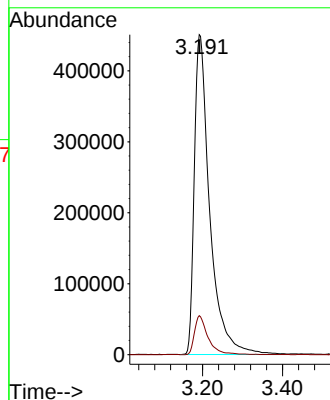
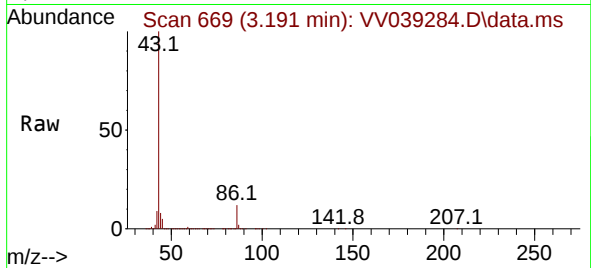




#23
 Vinyl Acetate
 Concen: 53.792 ug/l
 RT: 3.191 min Scan# 669
 Delta R.T. 0.003 min
 Lab File: VV039284.D
 Acq: 07 Oct 2025 10:25

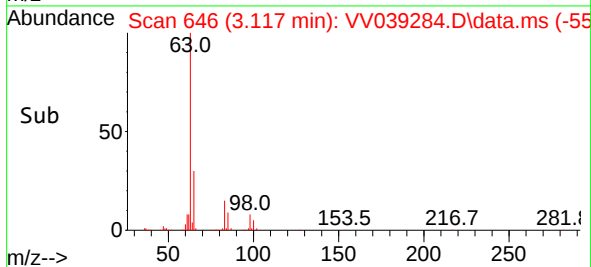
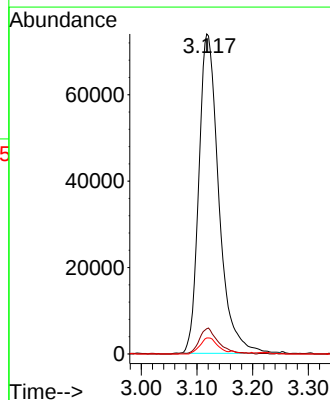
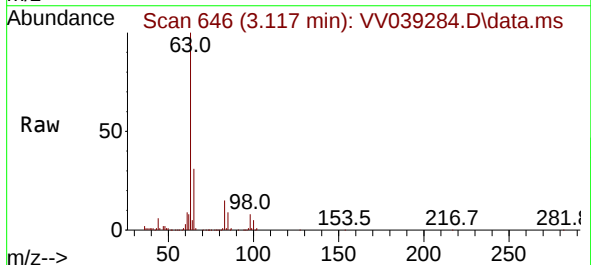
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

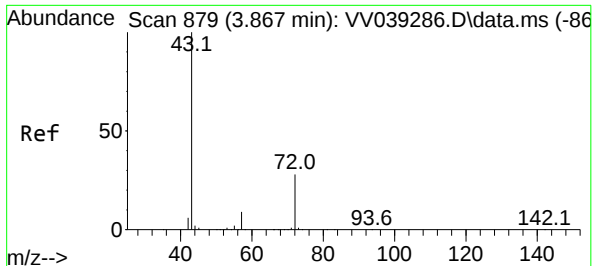
Tgt Ion: 43 Resp: 1212165
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 10.717 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV039284.D
 Acq: 07 Oct 2025 10:25

Tgt Ion: 63 Resp: 184286
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.0
 100 5.0 2.3 6.8





#25

2-Butanone

Concen: 53.871 ug/l

RT: 3.876 min Scan# 882

Delta R.T. 0.010 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

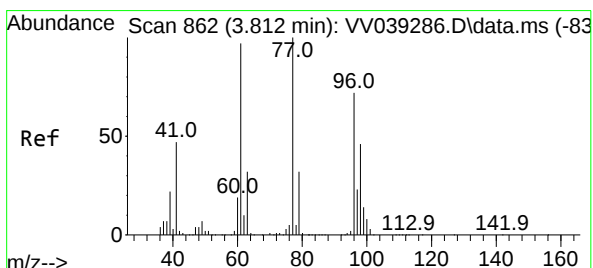
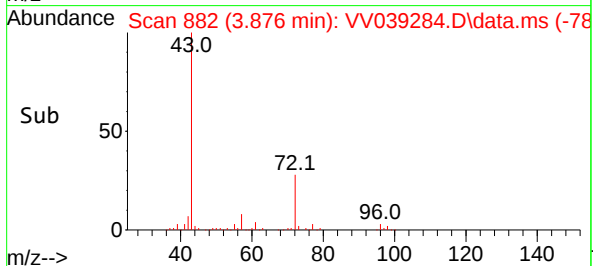
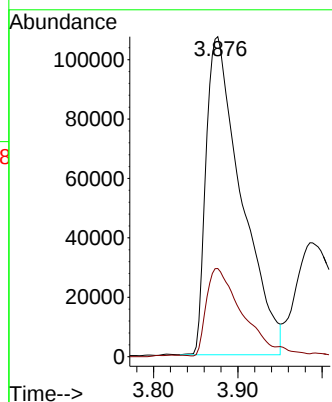
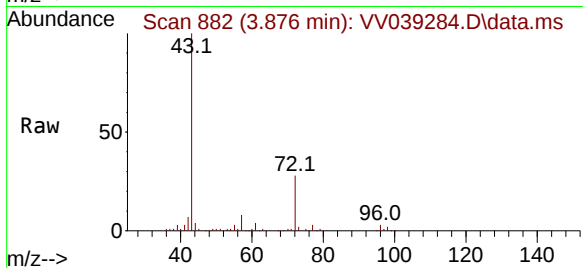
VSTDIC010

Tgt Ion: 43 Resp: 312212

Ion Ratio Lower Upper

43 100

72 27.3 22.6 34.0



#26

2,2-Dichloropropane

Concen: 10.659 ug/l

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV039284.D

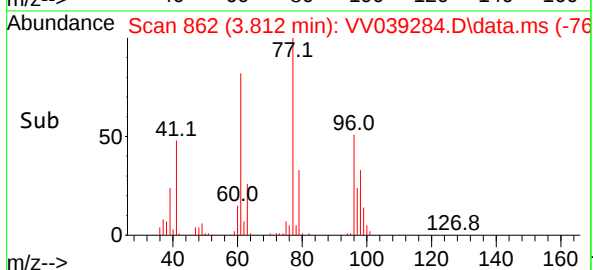
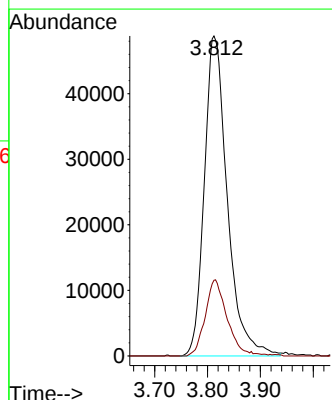
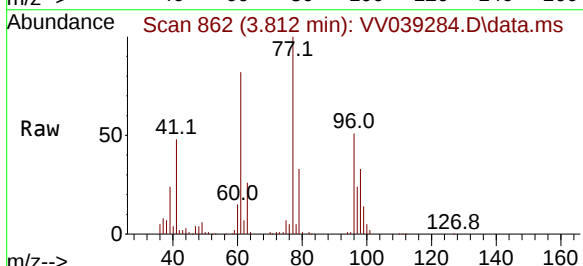
Acq: 07 Oct 2025 10:25

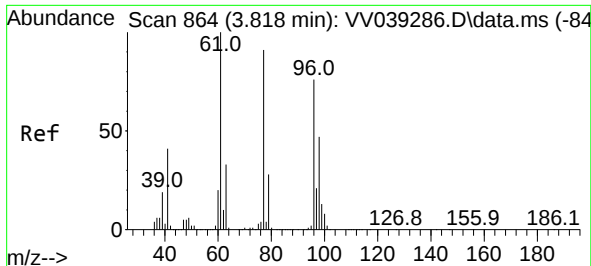
Tgt Ion: 77 Resp: 147629

Ion Ratio Lower Upper

77 100

97 22.7 11.6 34.8



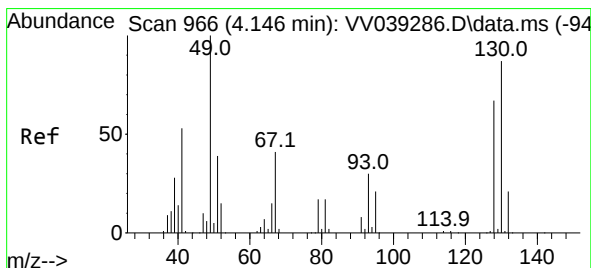
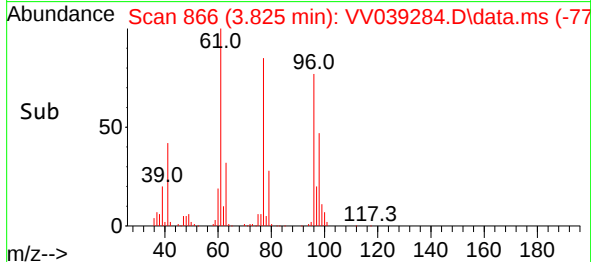
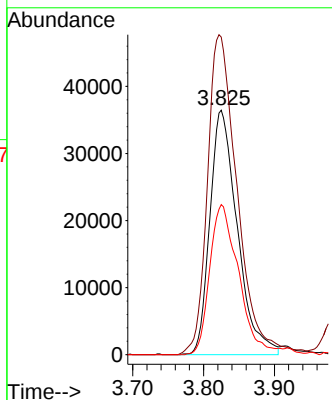
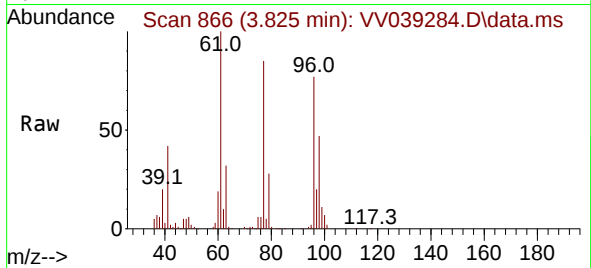


#27
 cis-1,2-Dichloroethene
 Concen: 10.317 ug/l
 RT: 3.825 min Scan# 866
 Delta R.T. 0.006 min
 Lab File: VV039284.D
 Acq: 07 Oct 2025 10:25

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

Tgt Ion: 96 Resp: 98093

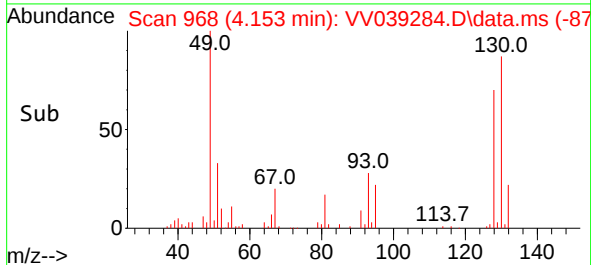
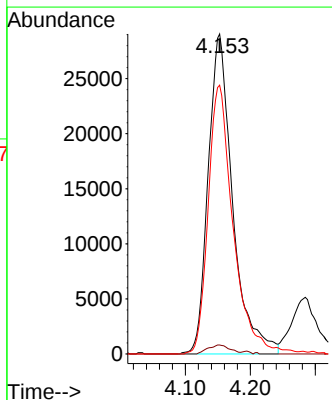
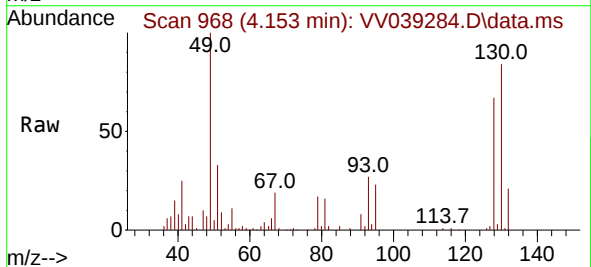
Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	275.0
98	64.1	0.0	127.8

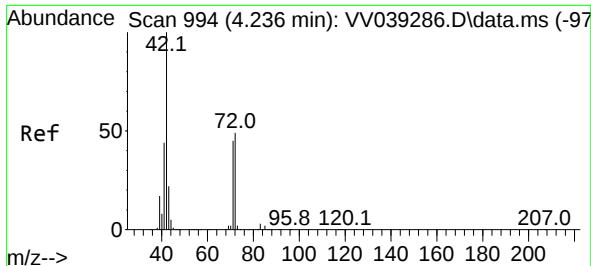


#28
 Bromochloromethane
 Concen: 10.107 ug/l
 RT: 4.153 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VV039284.D
 Acq: 07 Oct 2025 10:25

Tgt Ion: 49 Resp: 75953

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	85.8	69.5	104.3





#29

Tetrahydrofuran

Concen: 52.437 ug/l

RT: 4.243 min Scan# 994

Delta R.T. 0.006 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

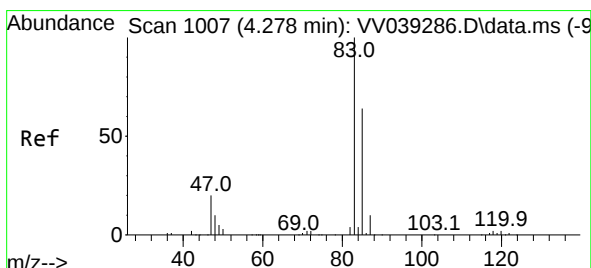
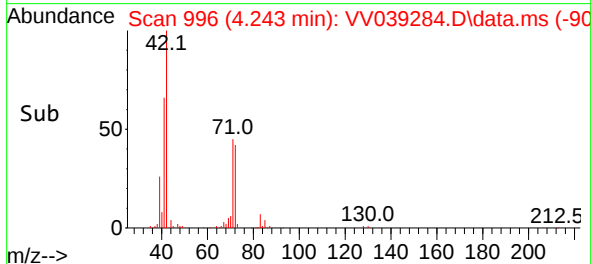
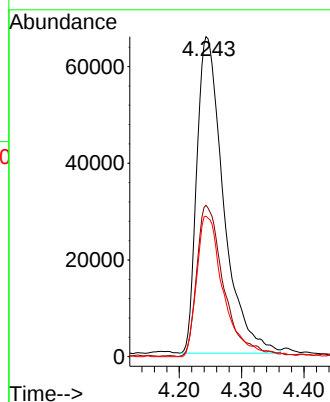
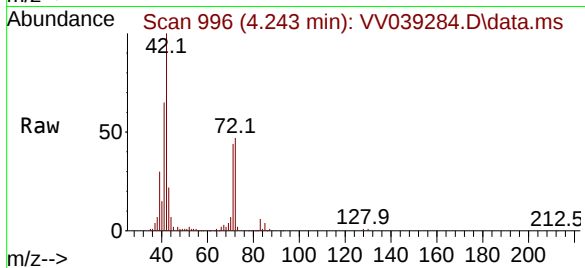
Tgt Ion: 42 Resp: 194816

Ion Ratio Lower Upper

42 100

72 48.7 39.8 59.8

71 44.1 36.5 54.7



#30

Chloroform

Concen: 10.751 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV039284.D

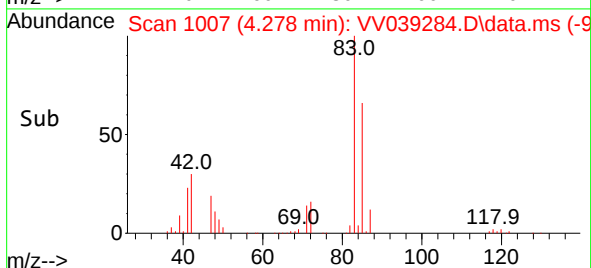
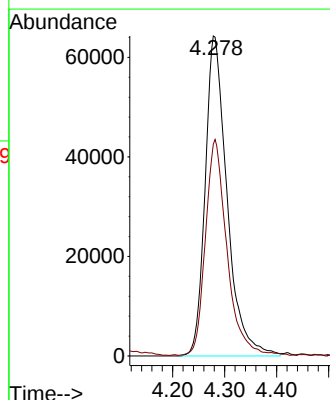
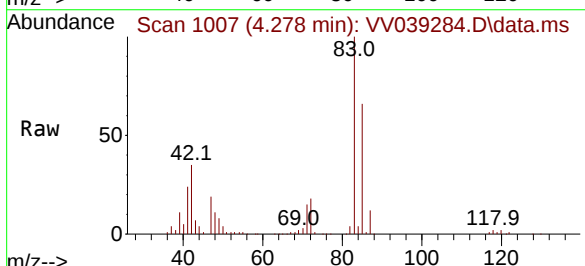
Acq: 07 Oct 2025 10:25

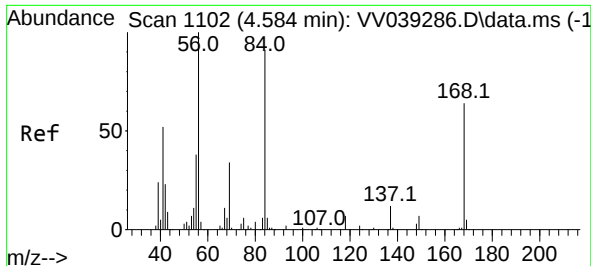
Tgt Ion: 83 Resp: 188539

Ion Ratio Lower Upper

83 100

85 66.0 51.1 76.7

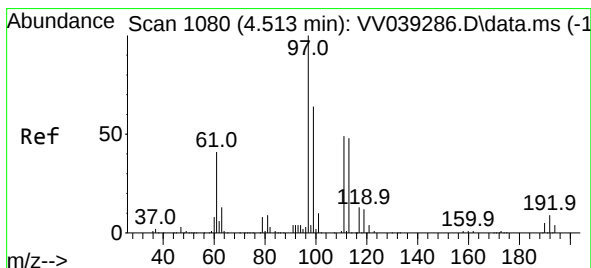
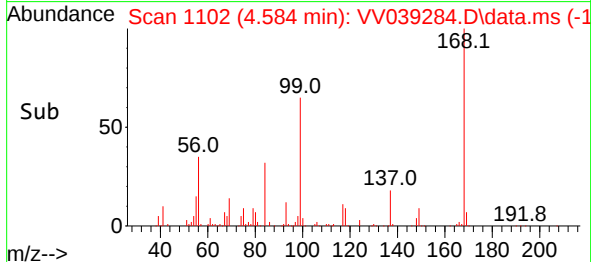
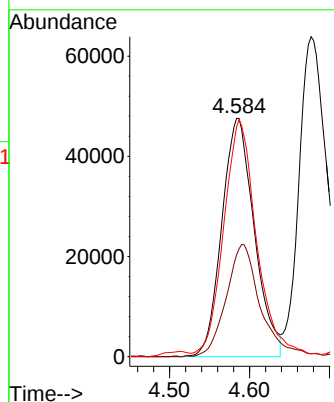
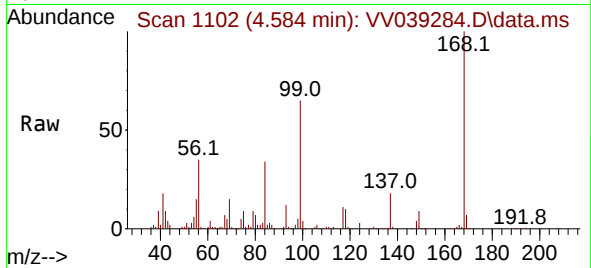




#31
Cyclohexane
Concen: 10.722 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

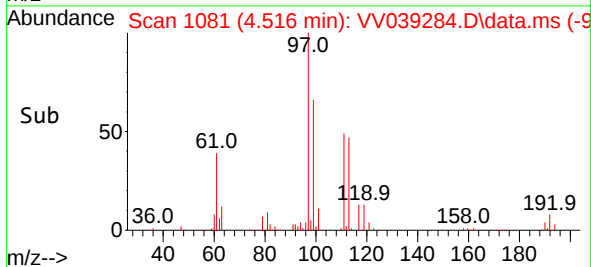
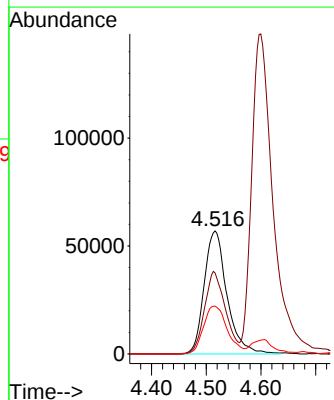
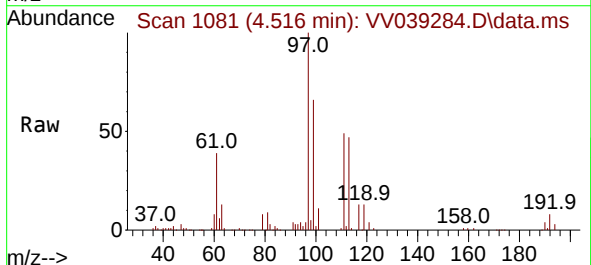
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

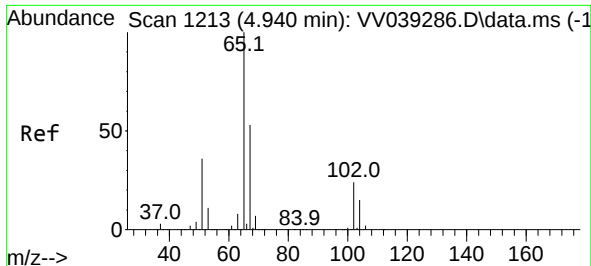
Tgt Ion: 56 Resp: 134301
Ion Ratio Lower Upper
56 100
69 42.7 27.4 41.0#
84 94.2 72.8 109.2



#32
1,1,1-Trichloroethane
Concen: 10.764 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 97 Resp: 165036
Ion Ratio Lower Upper
97 100
99 61.5 48.6 72.8
61 40.6 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 10.678 ug/l

RT: 4.947 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

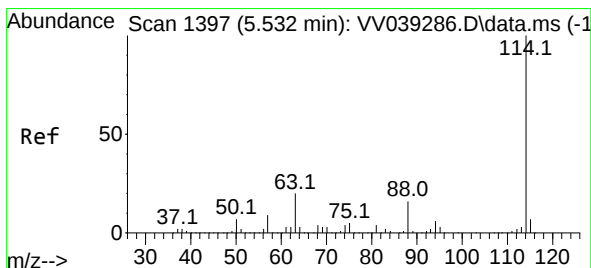
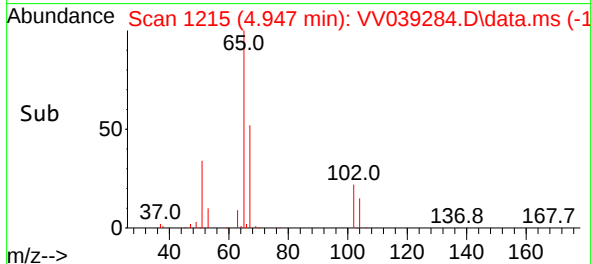
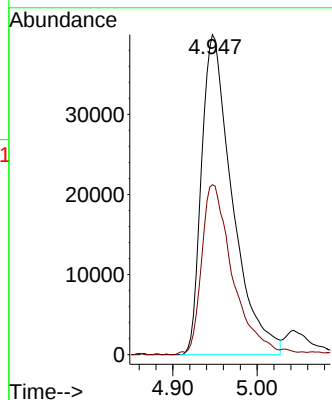
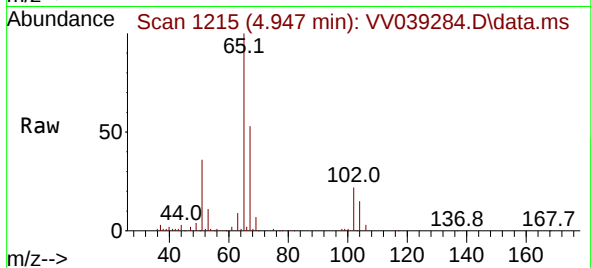
VSTDIC010

Tgt Ion: 65 Resp: 101485

Ion Ratio Lower Upper

65 100

67 53.2 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: VV039284.D

Acq: 07 Oct 2025 10:25

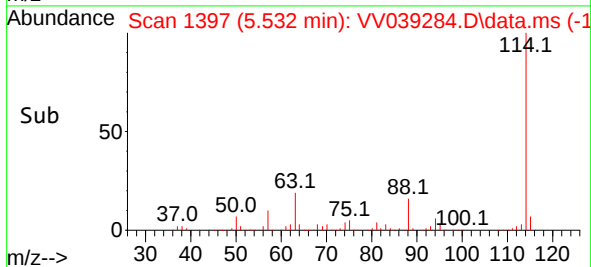
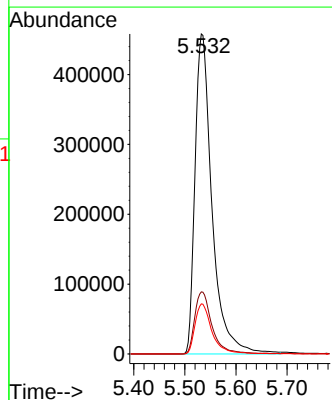
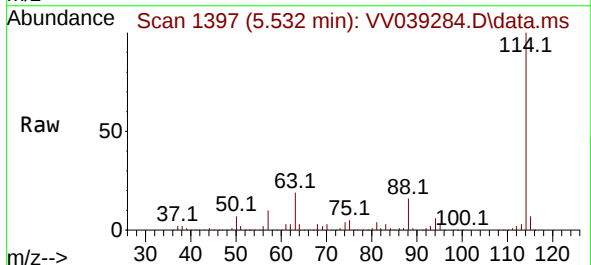
Tgt Ion: 114 Resp: 1059714

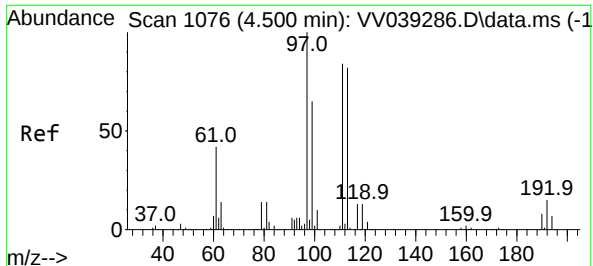
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.7 0.0 31.6

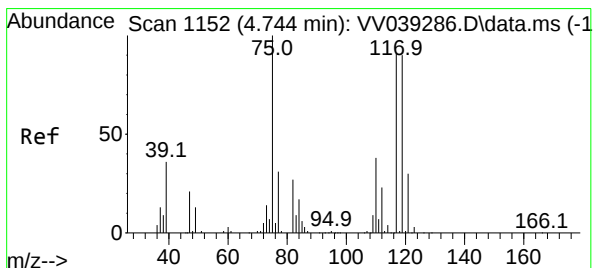
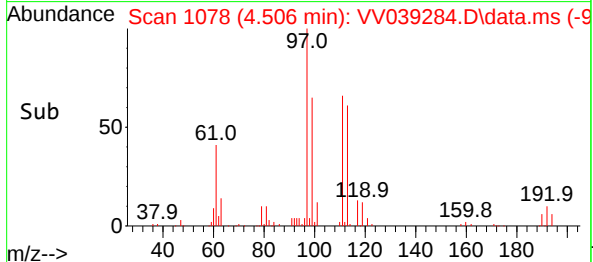
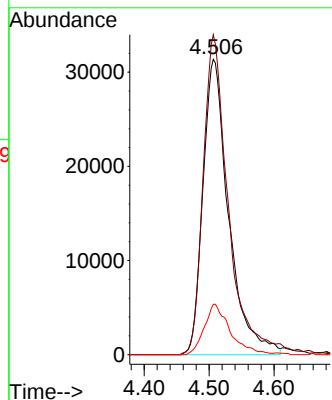
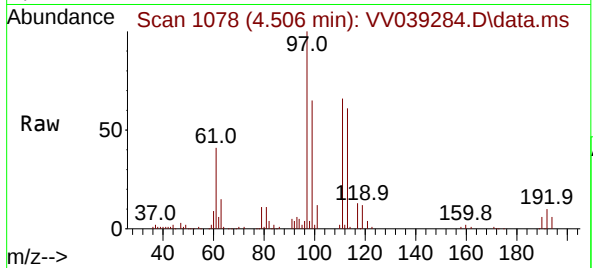




#35
Dibromofluoromethane
Concen: 10.344 ug/l
RT: 4.506 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

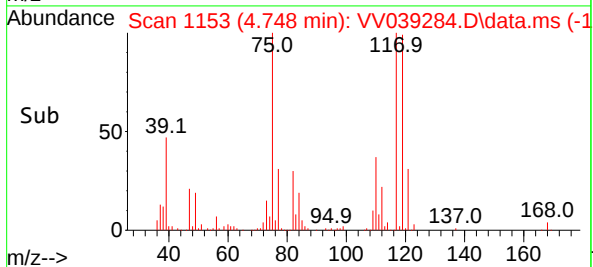
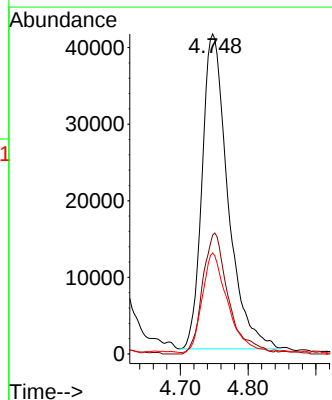
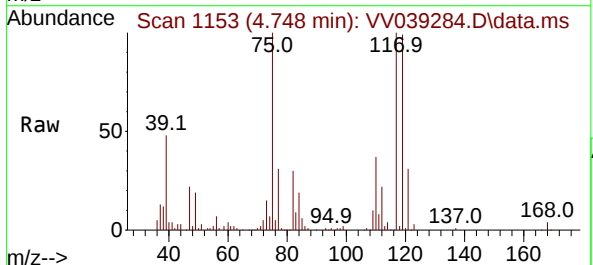
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

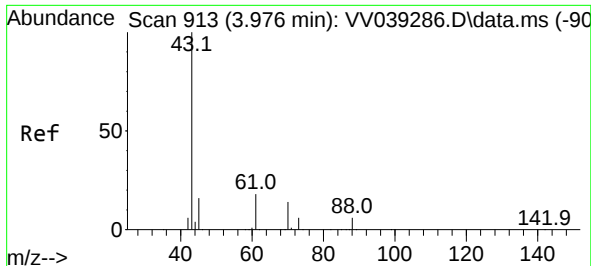
Tgt Ion:113 Resp: 86371
Ion Ratio Lower Upper
113 100
111 106.0 82.0 123.0
192 17.3 14.3 21.5



#36
1,1-Dichloropropene
Concen: 10.369 ug/l
RT: 4.748 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 75 Resp: 108748
Ion Ratio Lower Upper
75 100
110 38.7 18.9 56.7
77 31.0 24.1 36.1





#37

Ethyl Acetate

Concen: 10.617 ug/l

RT: 3.986 min Scan# 913

Delta R.T. 0.010 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

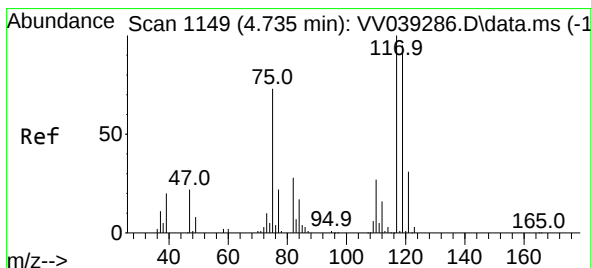
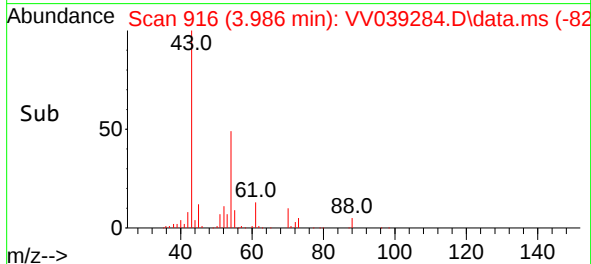
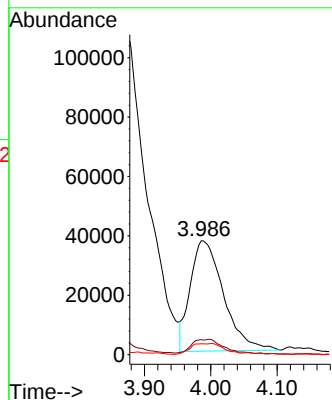
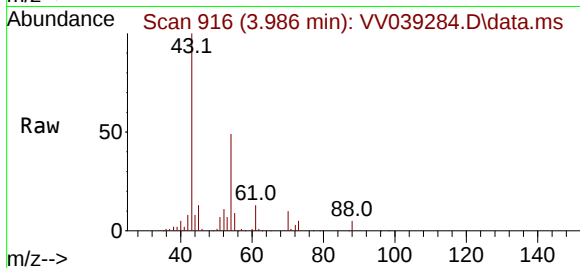
Tgt Ion: 43 Resp: 129928

Ion Ratio Lower Upper

43 100

61 4.6 12.2 18.2#

70 5.1 9.0 13.4#



#38

Carbon Tetrachloride

Concen: 10.633 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

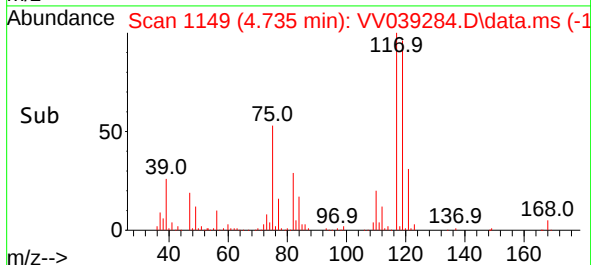
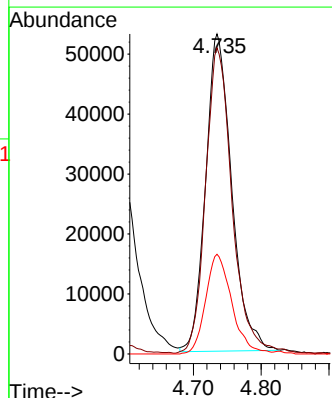
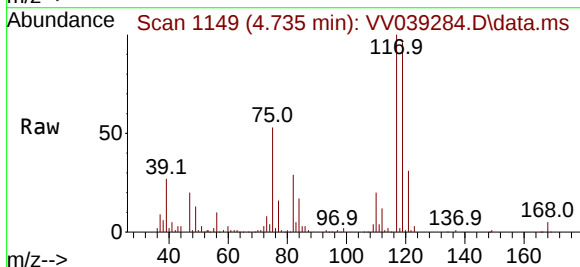
Tgt Ion: 117 Resp: 141348

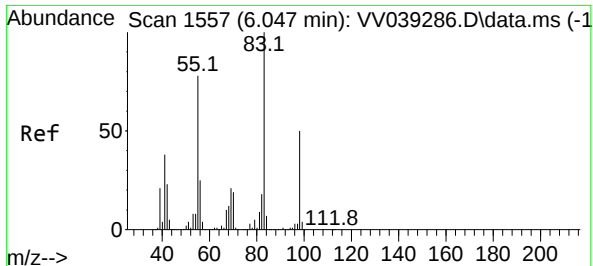
Ion Ratio Lower Upper

117 100

119 96.0 75.9 113.9

121 31.5 24.6 37.0





#39

Methylcyclohexane

Concen: 9.983 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

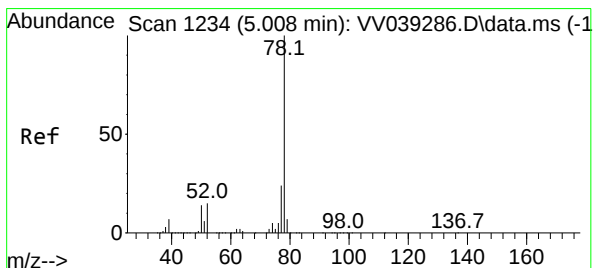
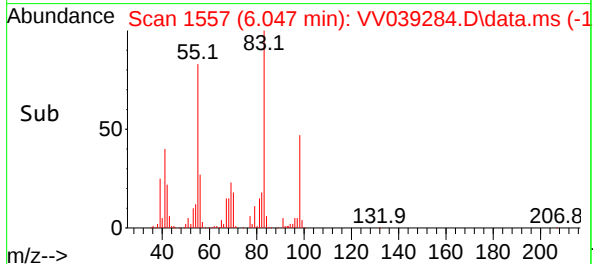
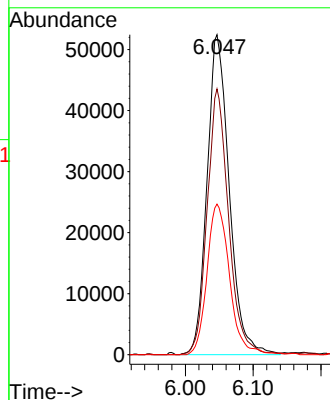
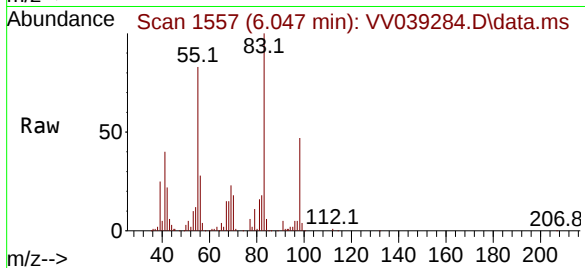
Tgt Ion: 83 Resp: 119660

Ion Ratio Lower Upper

83 100

55 83.1 62.1 93.1

98 47.1 40.2 60.4



#40

Benzene

Concen: 10.879 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV039284.D

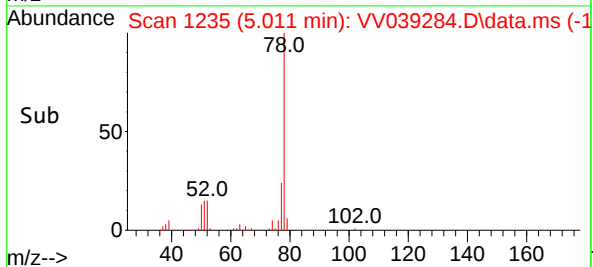
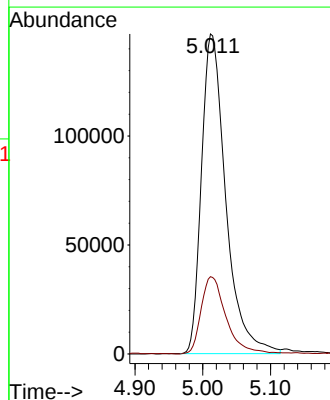
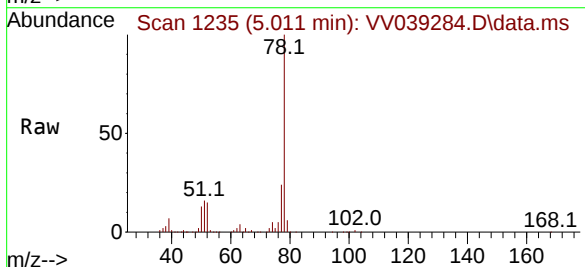
Acq: 07 Oct 2025 10:25

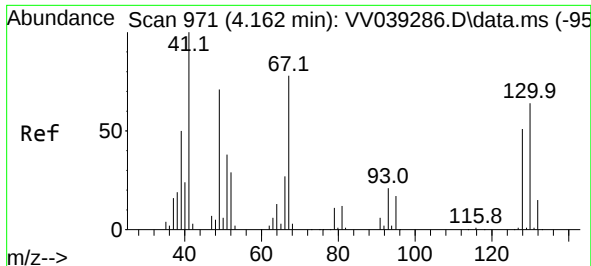
Tgt Ion: 78 Resp: 366088

Ion Ratio Lower Upper

78 100

77 24.2 18.9 28.3

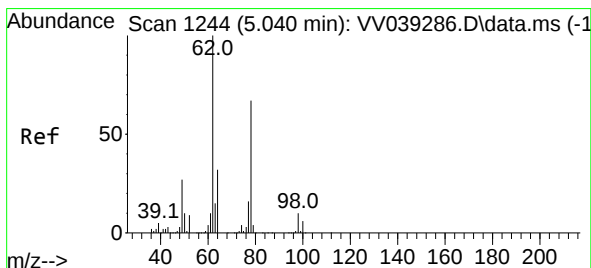
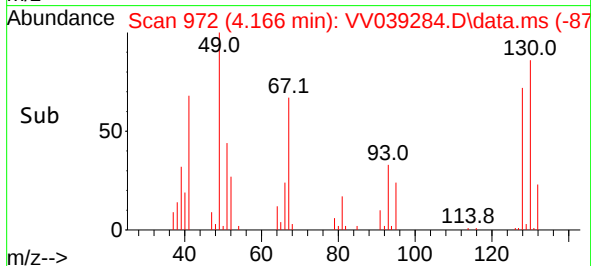
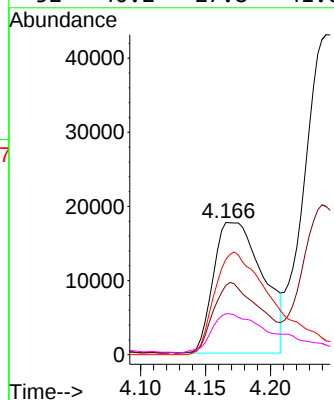
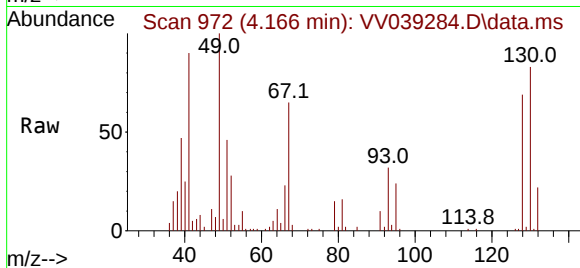




#41
Methacrylonitrile
Concen: 10.257 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

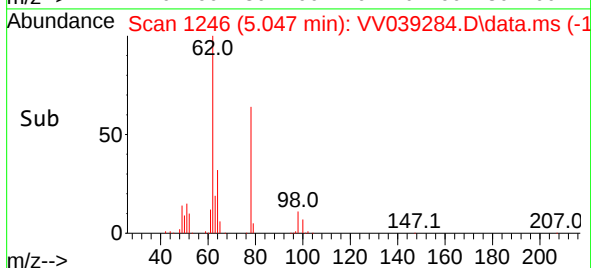
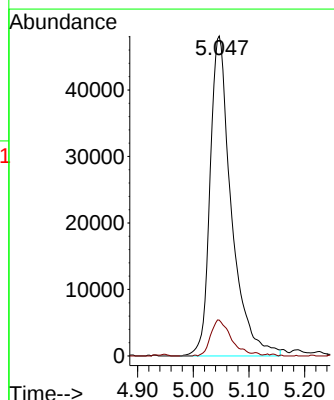
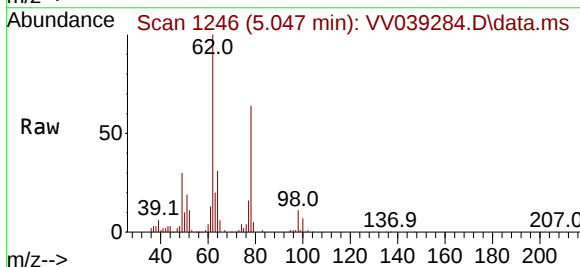
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

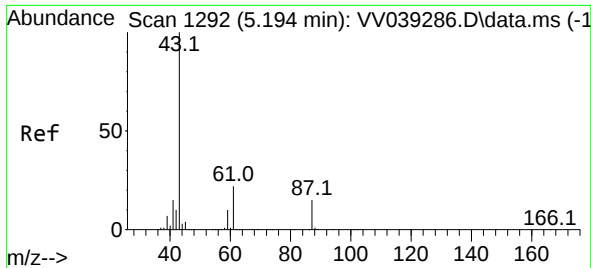
Tgt Ion: 41 Resp: 46557
Ion Ratio Lower Upper
41 100
39 51.4 40.9 61.3
67 101.5 73.1 109.7
52 40.2 27.8 41.6



#42
1,2-Dichloroethane
Concen: 10.835 ug/l
RT: 5.047 min Scan# 1246
Delta R.T. 0.006 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 62 Resp: 127973
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.0

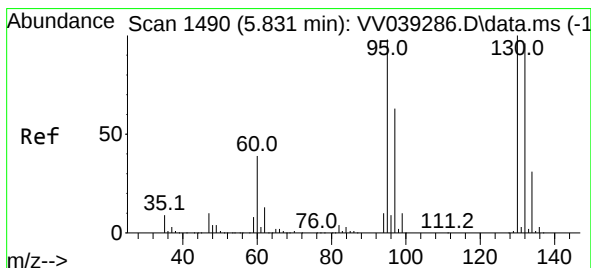
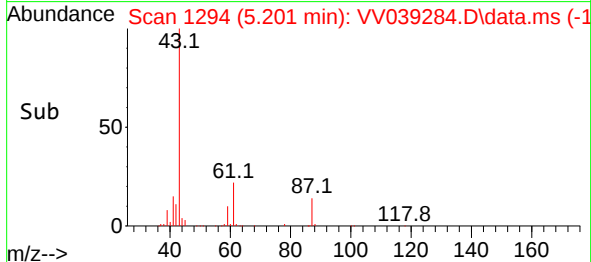
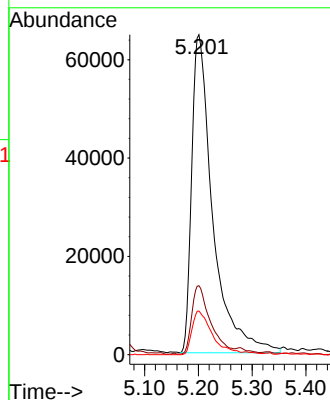
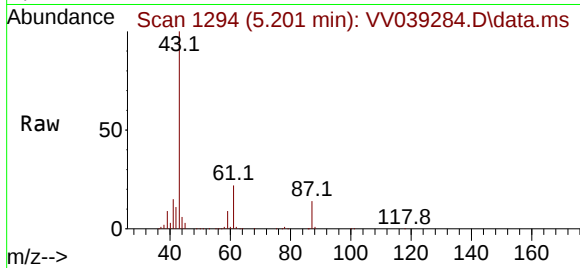




#43
Isopropyl Acetate
Concen: 10.537 ug/l
RT: 5.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

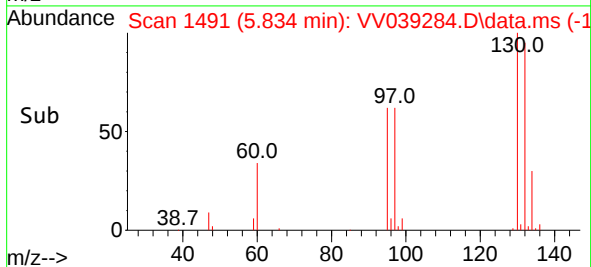
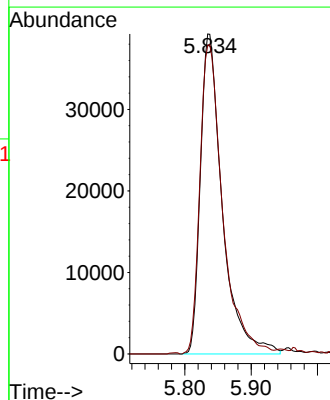
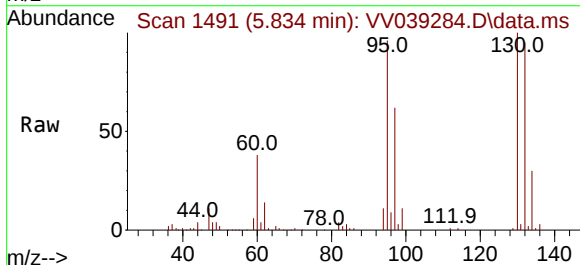
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

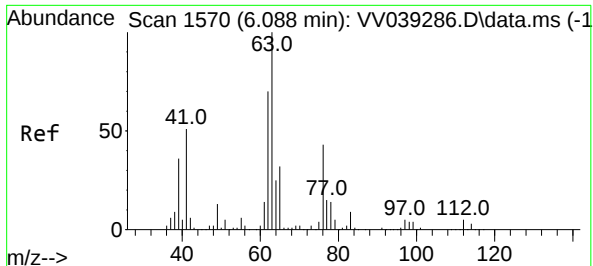
Tgt Ion: 43 Resp: 176213
Ion Ratio Lower Upper
43 100
61 19.1 17.1 25.7
87 13.1 11.5 17.3



#44
Trichloroethene
Concen: 10.641 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion:130 Resp: 90047
Ion Ratio Lower Upper
130 100
95 96.4 0.0 196.6





#45

1,2-Dichloropropane

Concen: 10.852 ug/l

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

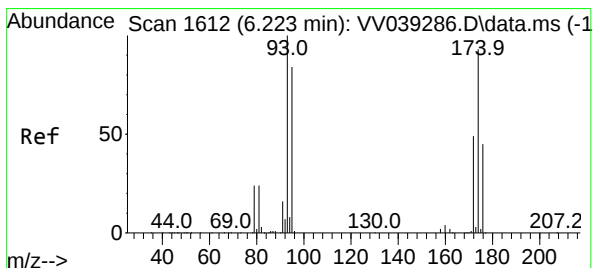
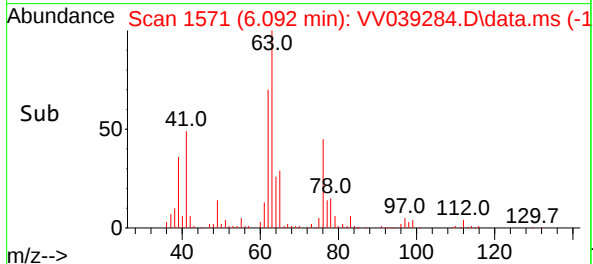
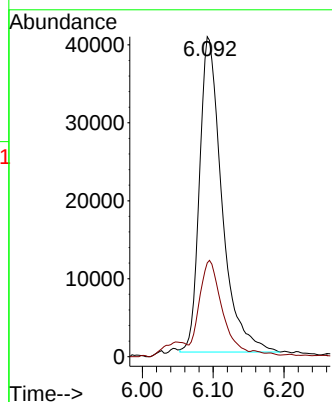
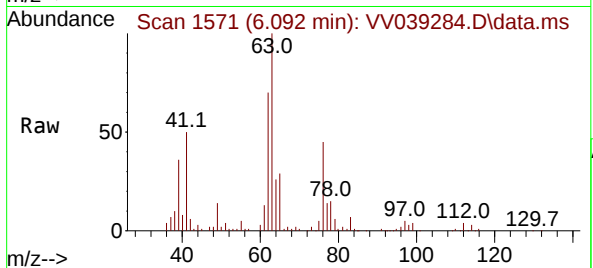
VSTDICC010

Tgt Ion: 63 Resp: 88868

Ion Ratio Lower Upper

63 100

65 29.2 25.4 38.2



#46

Dibromomethane

Concen: 10.786 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.006 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

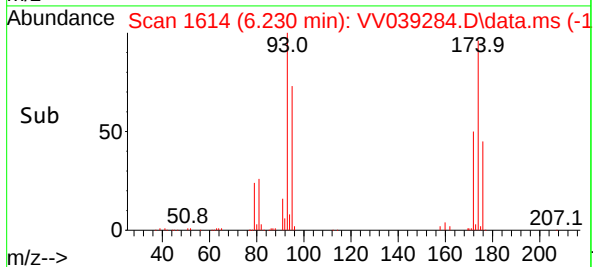
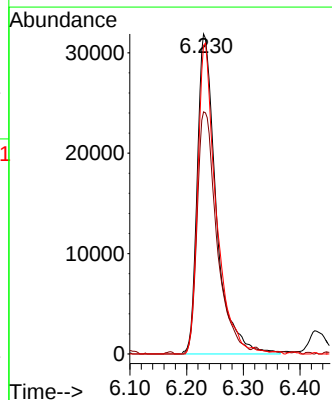
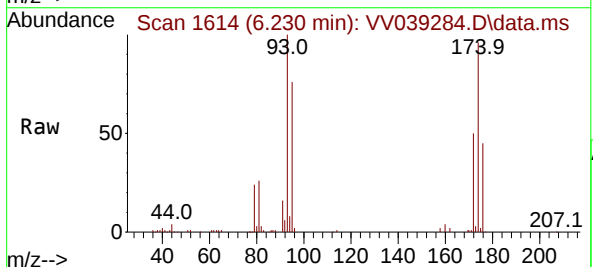
Tgt Ion: 93 Resp: 73826

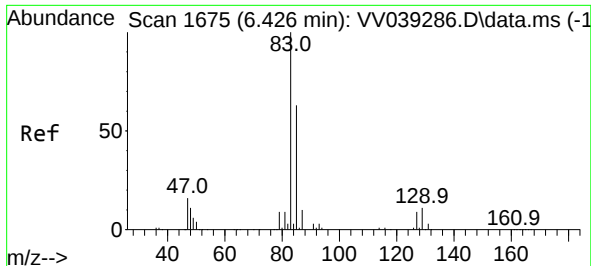
Ion Ratio Lower Upper

93 100

95 78.9 65.6 98.4

174 93.3 74.6 112.0

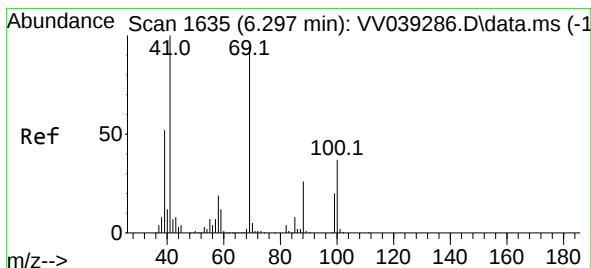
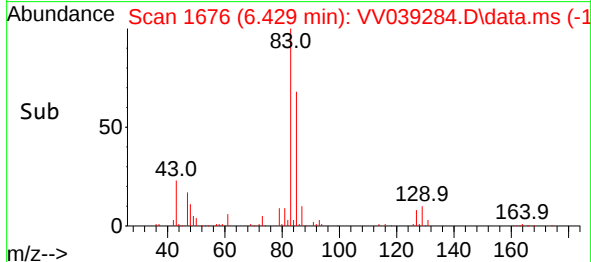
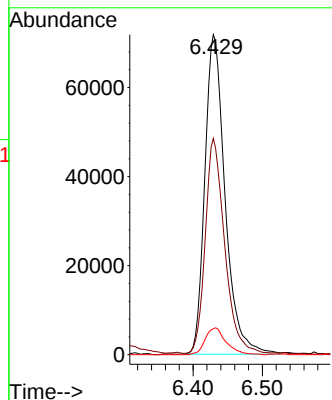
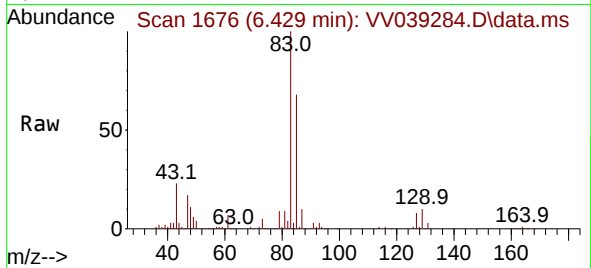




#47
Bromodichloromethane
Concen: 10.805 ug/l
RT: 6.429 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

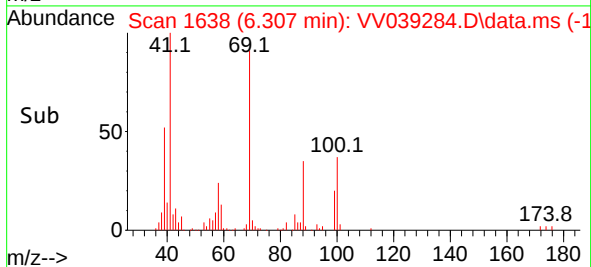
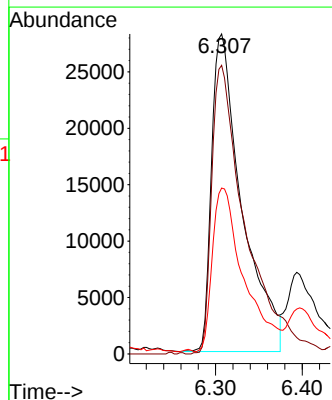
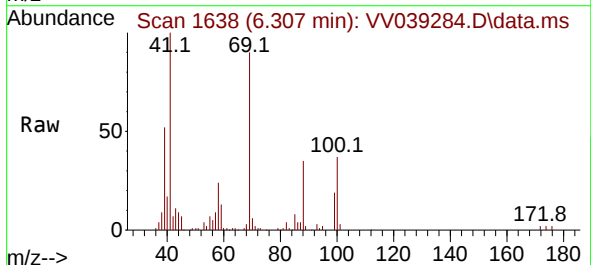
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

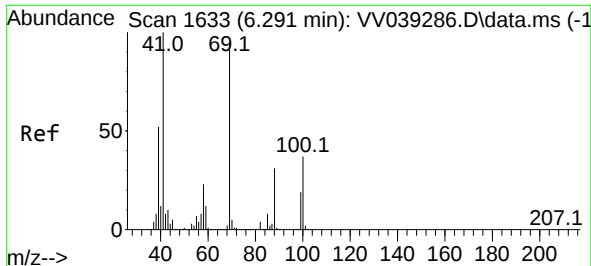
Tgt Ion: 83 Resp: 145721
Ion Ratio Lower Upper
83 100
85 67.3 50.9 76.3
127 8.1 7.0 10.6



#48
Methyl methacrylate
Concen: 9.202 ug/l
RT: 6.307 min Scan# 1638
Delta R.T. 0.010 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 41 Resp: 68523
Ion Ratio Lower Upper
41 100
69 101.2 77.2 115.8
39 53.7 41.4 62.0





#49

1,4-Dioxane

Concen: 219.073 ug/l

RT: 6.297 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

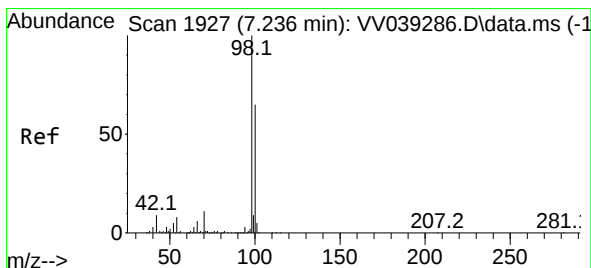
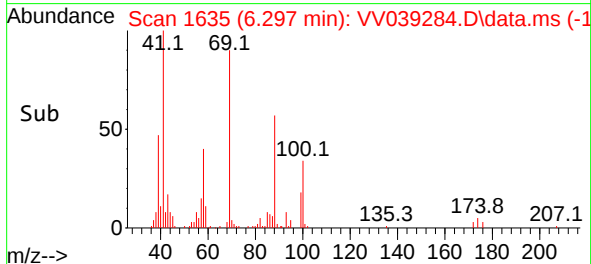
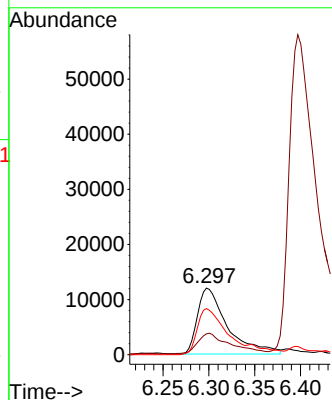
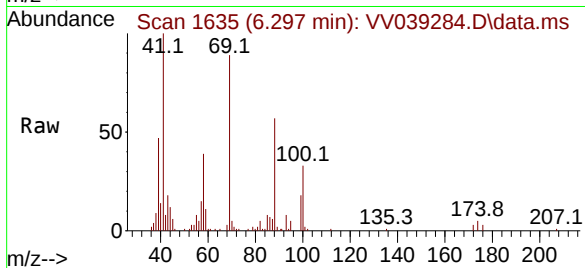
Tgt Ion: 88 Resp: 27138

Ion Ratio Lower Upper

88 100

43 35.2 24.1 36.1

58 64.5 57.6 86.4



#50

Toluene-d8

Concen: 10.400 ug/l

RT: 7.239 min Scan# 1928

Delta R.T. 0.003 min

Lab File: VV039284.D

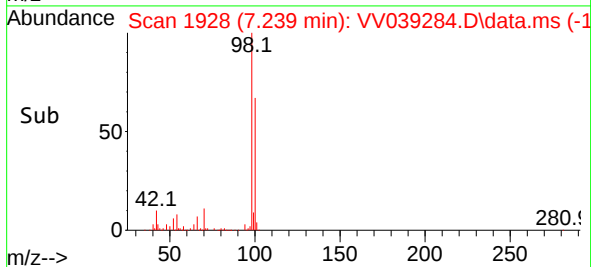
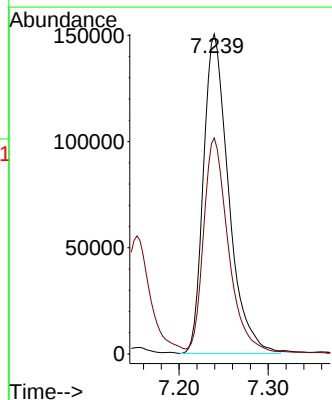
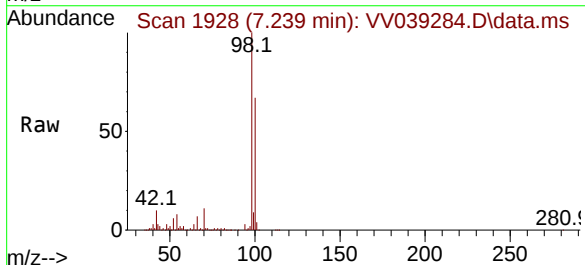
Acq: 07 Oct 2025 10:25

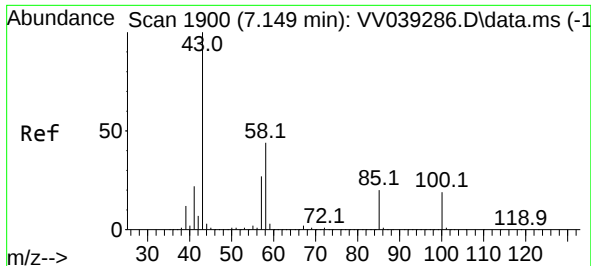
Tgt Ion: 98 Resp: 295414

Ion Ratio Lower Upper

98 100

100 66.2 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 56.786 ug/l

RT: 7.153 min Scan# 1901

Delta R.T. 0.003 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

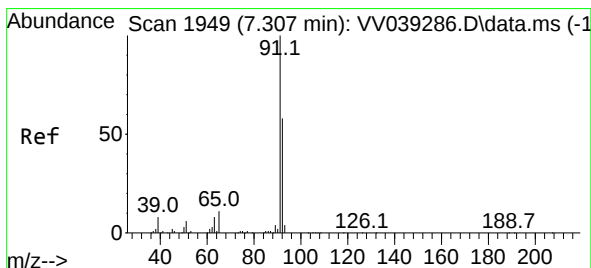
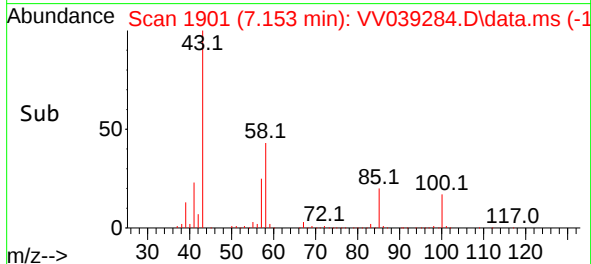
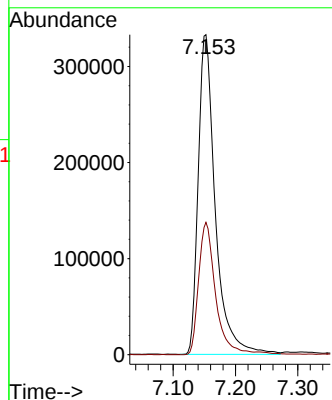
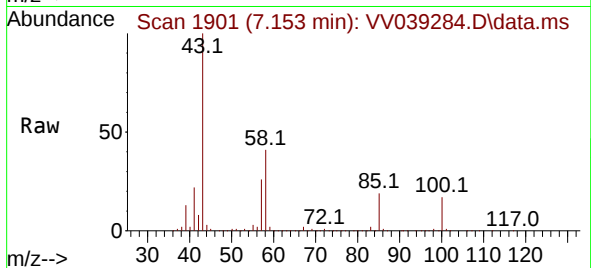
VSTDIC010

Tgt Ion: 43 Resp: 633258

Ion Ratio Lower Upper

43 100

58 41.7 34.2 51.4



#52

Toluene

Concen: 11.166 ug/l

RT: 7.310 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV039284.D

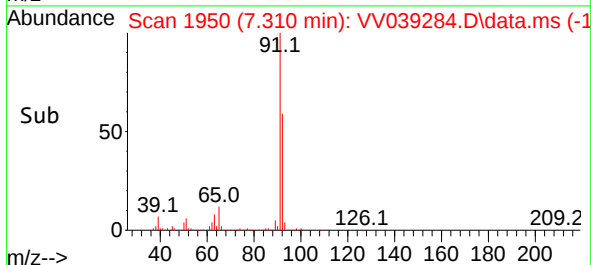
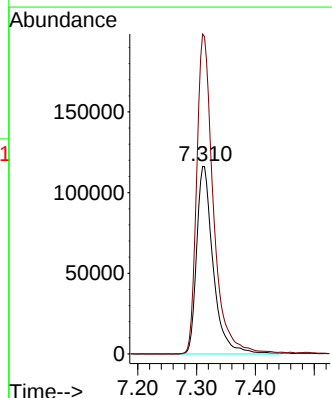
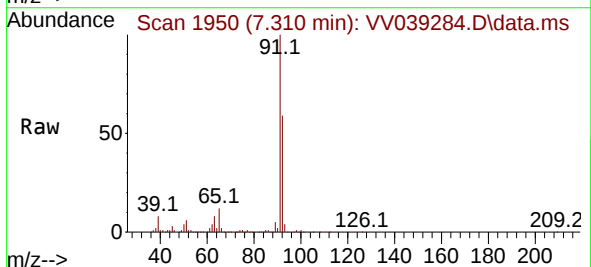
Acq: 07 Oct 2025 10:25

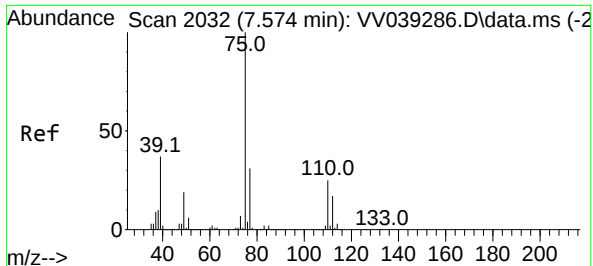
Tgt Ion: 92 Resp: 226876

Ion Ratio Lower Upper

92 100

91 171.8 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 10.810 ug/l

RT: 7.580 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

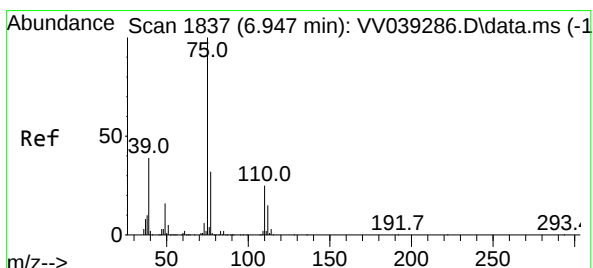
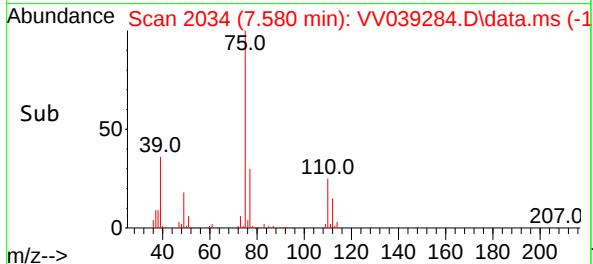
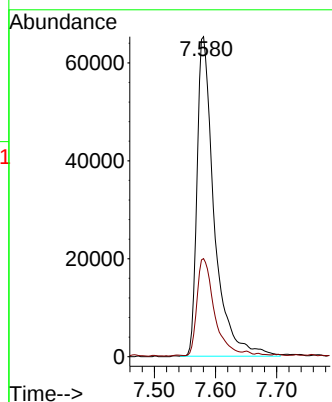
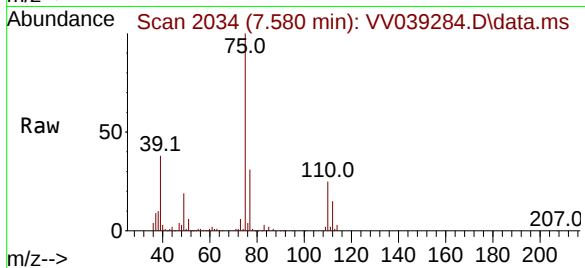
VSTDIC010

Tgt Ion: 75 Resp: 127407

Ion Ratio Lower Upper

75 100

77 30.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 10.849 ug/l

RT: 6.953 min Scan# 1839

Delta R.T. 0.006 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

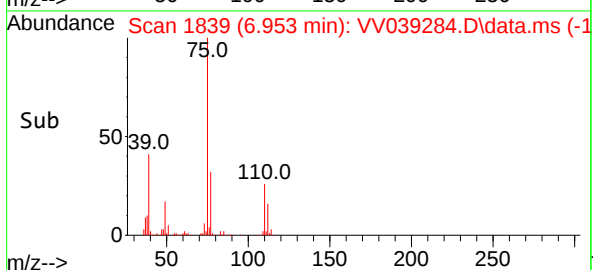
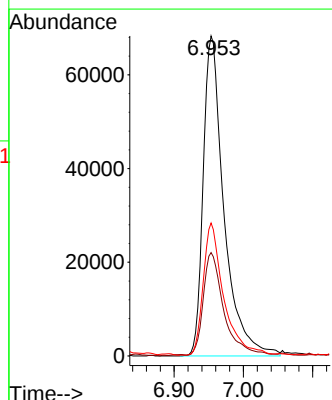
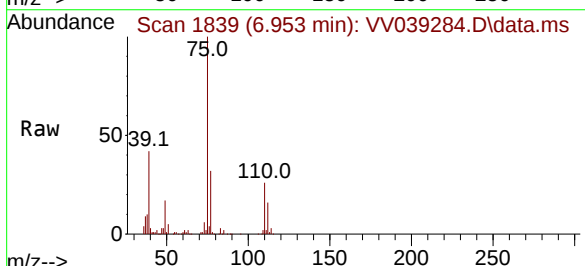
Tgt Ion: 75 Resp: 142163

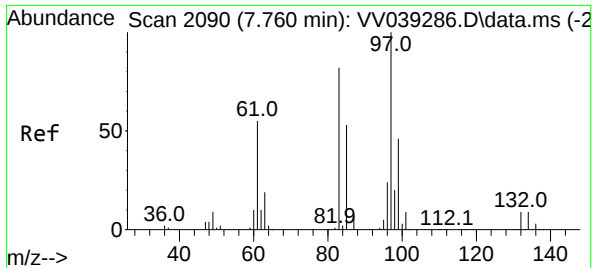
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 41.3 31.0 46.6

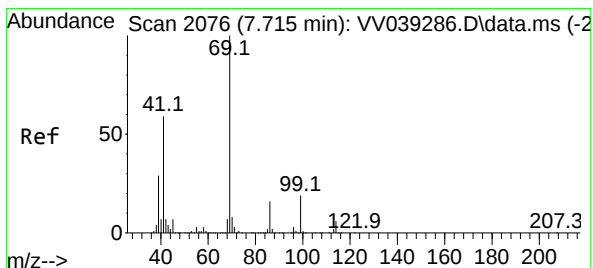
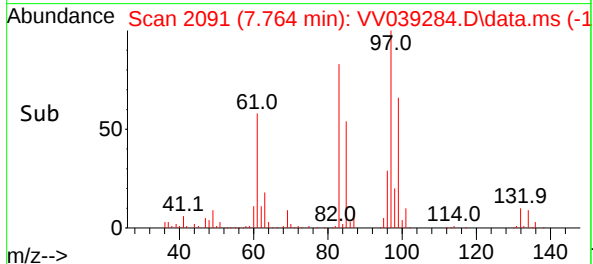
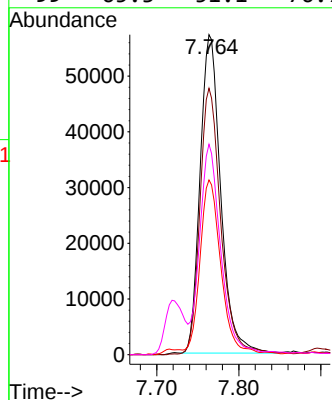
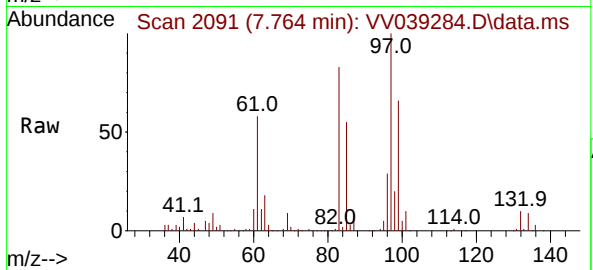




#55
1,1,2-Trichloroethane
Concen: 10.886 ug/l
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

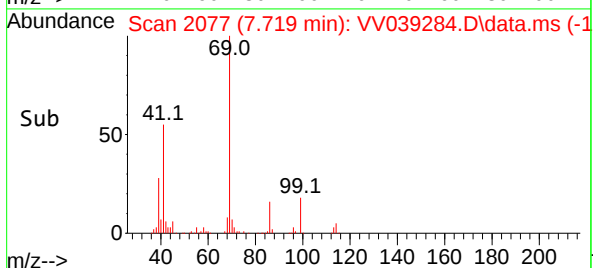
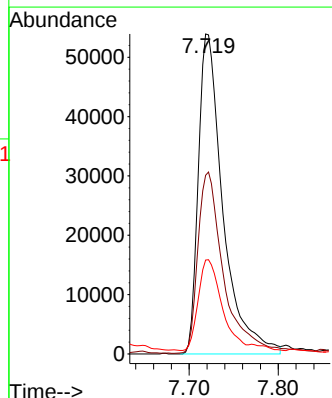
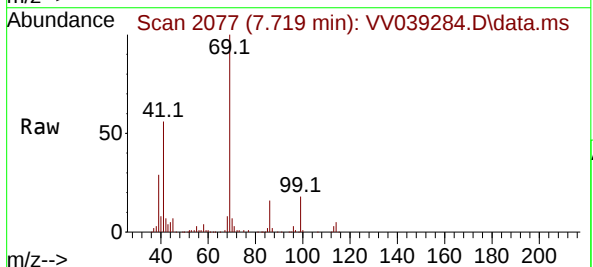
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

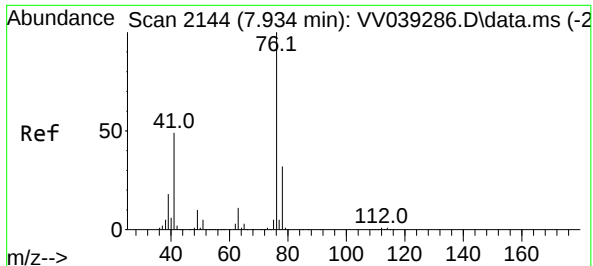
Tgt Ion: 97	Resp: 99879
Ion Ratio	Lower Upper
97 100	
83 83.4	65.8 98.8
85 54.5	43.3 64.9
99 65.3	51.1 76.7



#56
Ethyl methacrylate
Concen: 10.113 ug/l
RT: 7.719 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 69	Resp: 103595
Ion Ratio	Lower Upper
69 100	
41 60.2	47.1 70.7
39 27.2	23.2 34.8





#57

1,3-Dichloropropane

Concen: 11.115 ug/l

RT: 7.937 min Scan# 2144

Delta R.T. 0.003 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

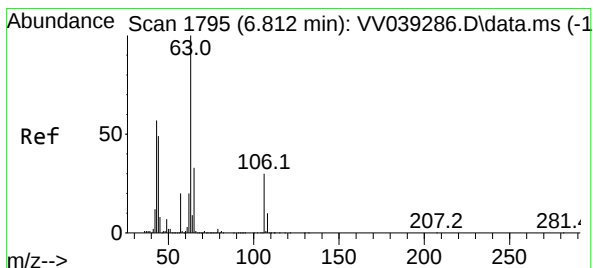
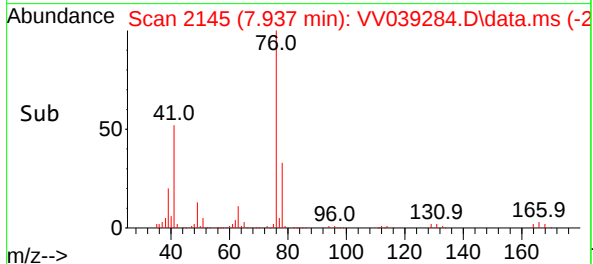
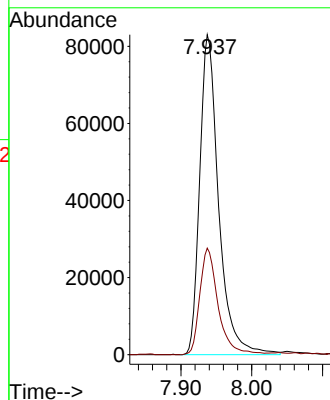
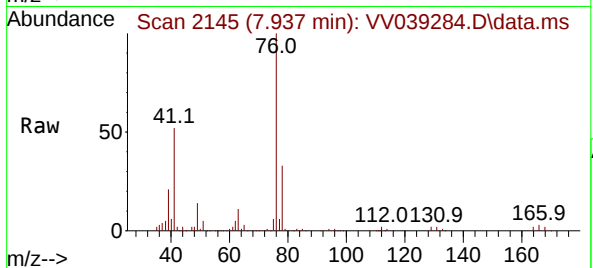
VSTDIC010

Tgt Ion: 76 Resp: 153896

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 46.122 ug/l

RT: 6.815 min Scan# 1796

Delta R.T. 0.003 min

Lab File: VV039284.D

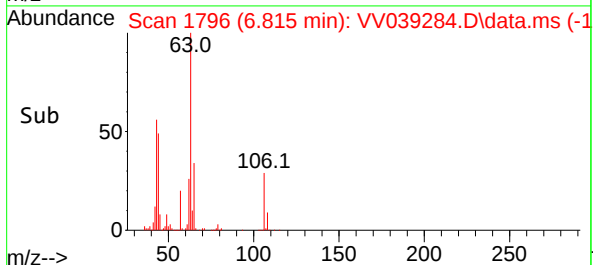
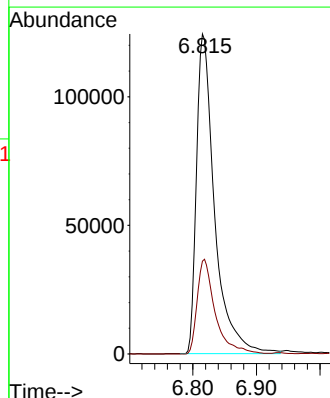
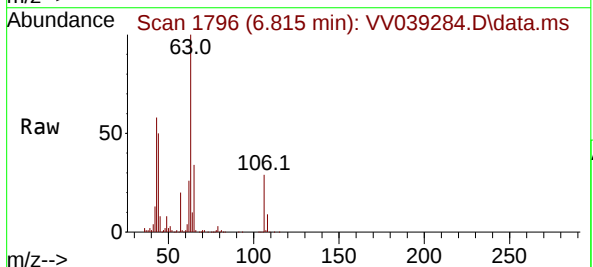
Acq: 07 Oct 2025 10:25

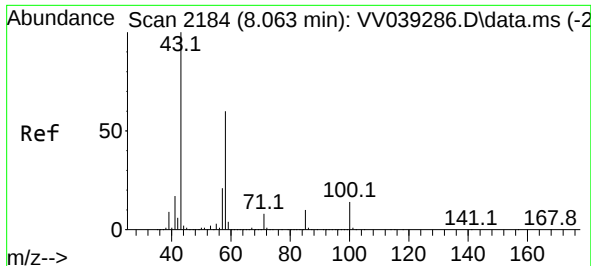
Tgt Ion: 63 Resp: 245944

Ion Ratio Lower Upper

63 100

106 29.6 23.5 35.3





#59

2-Hexanone

Concen: 55.309 ug/l

RT: 8.066 min Scan# 2184

Delta R.T. 0.003 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

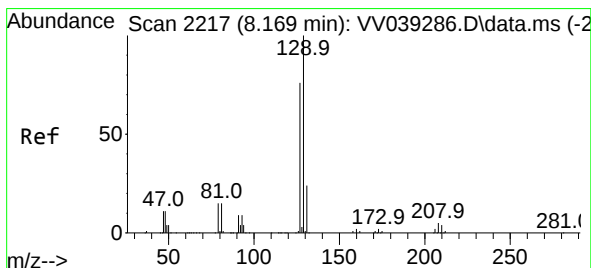
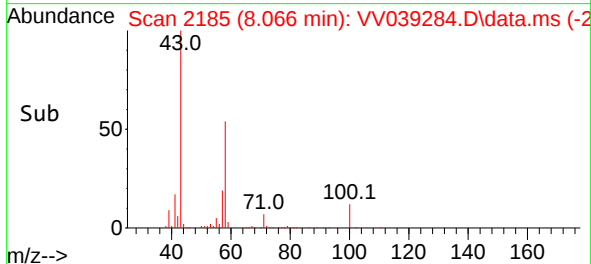
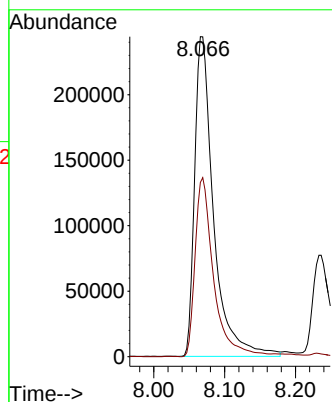
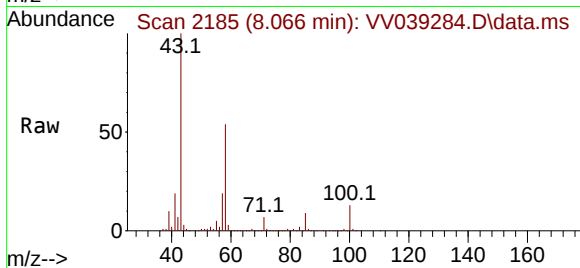
VSTDIC010

Tgt Ion: 43 Resp: 452813

Ion Ratio Lower Upper

43 100

58 54.7 29.6 88.9



#60

Dibromochloromethane

Concen: 10.878 ug/l

RT: 8.169 min Scan# 2217

Delta R.T. 0.000 min

Lab File: VV039284.D

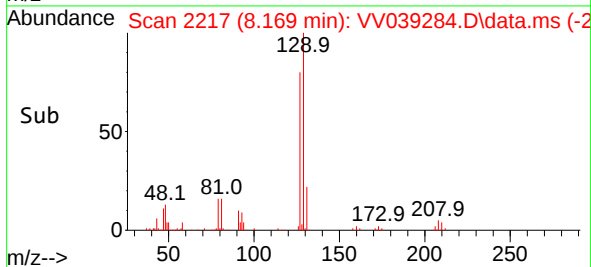
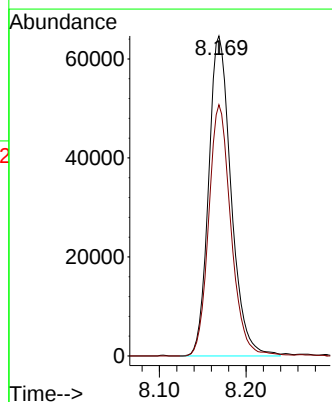
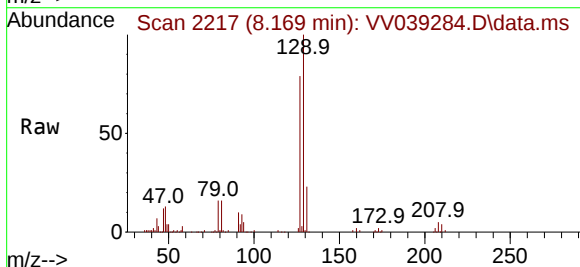
Acq: 07 Oct 2025 10:25

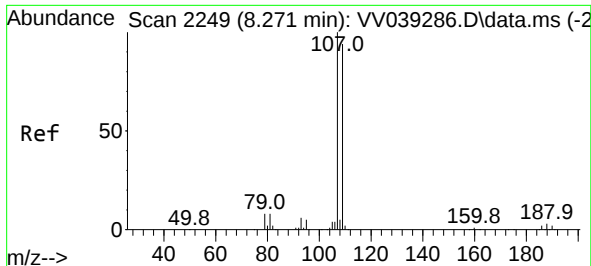
Tgt Ion:129 Resp: 116696

Ion Ratio Lower Upper

129 100

127 77.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 11.250 ug/l

RT: 8.278 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

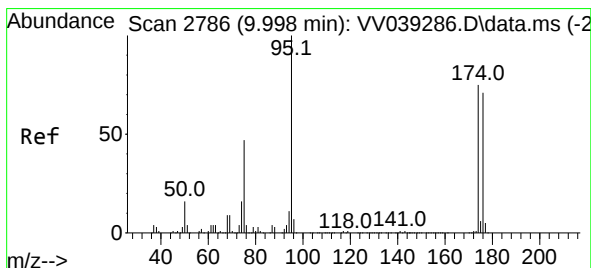
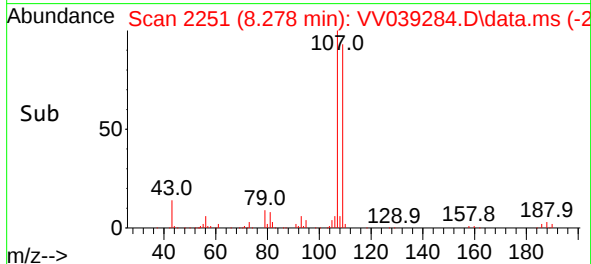
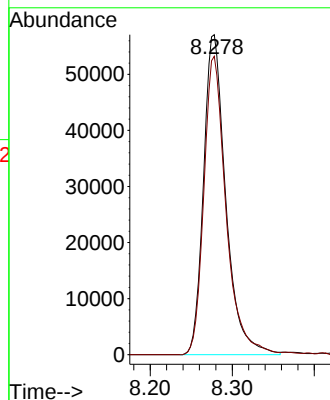
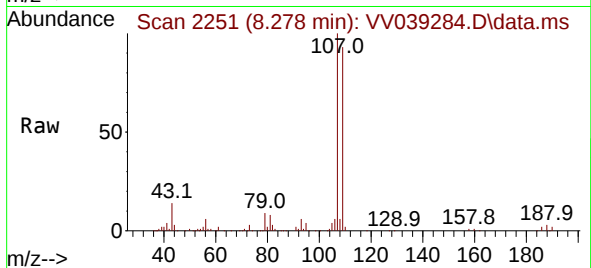
VSTDIC010

Tgt Ion:107 Resp: 107473

Ion Ratio Lower Upper

107 100

109 93.2 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 9.919 ug/l

RT: 10.005 min Scan# 2788

Delta R.T. 0.006 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

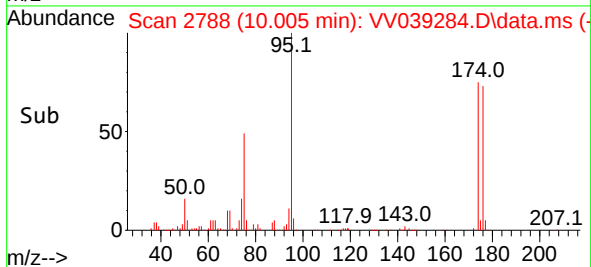
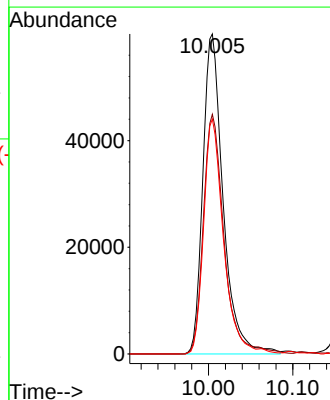
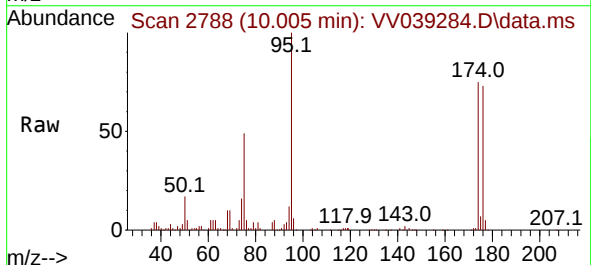
Tgt Ion: 95 Resp: 100349

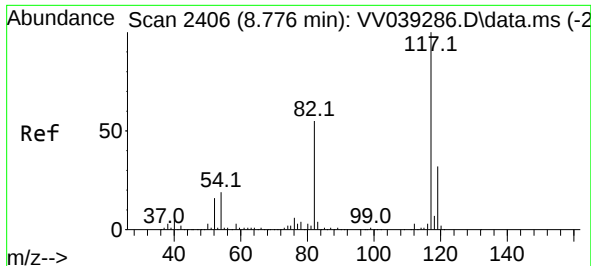
Ion Ratio Lower Upper

95 100

174 76.4 0.0 153.6

176 72.5 0.0 146.0

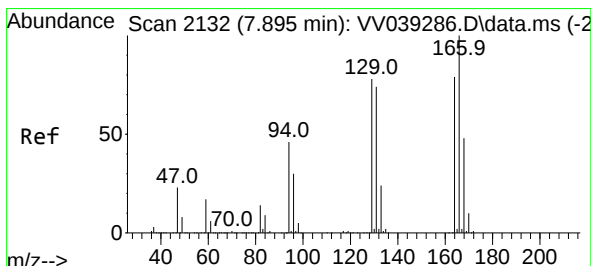
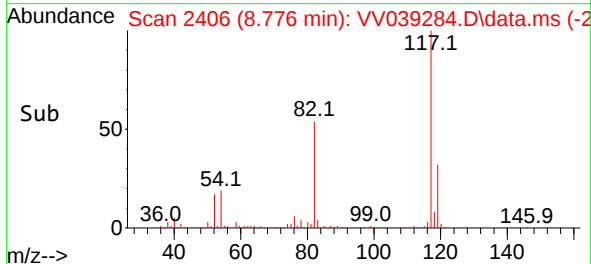
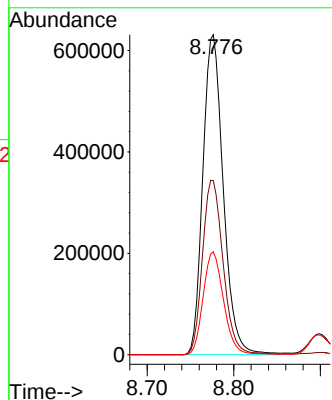
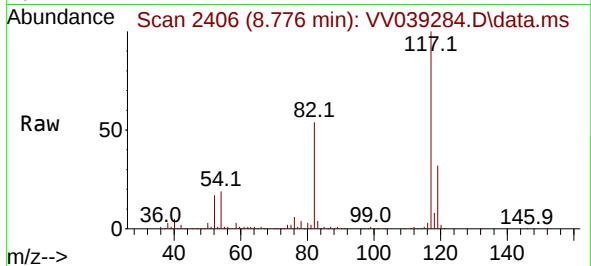




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

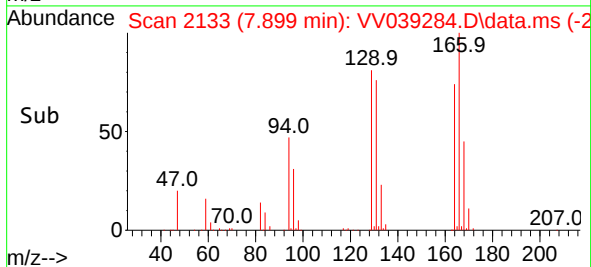
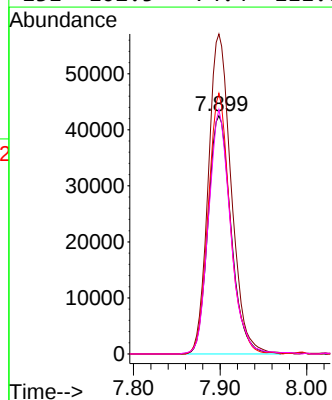
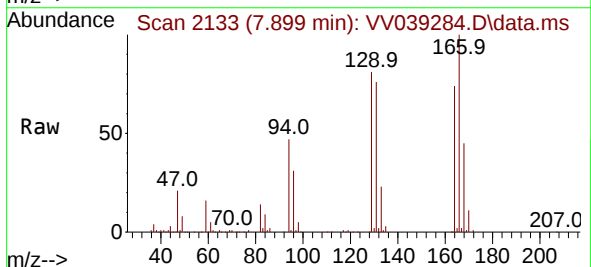
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

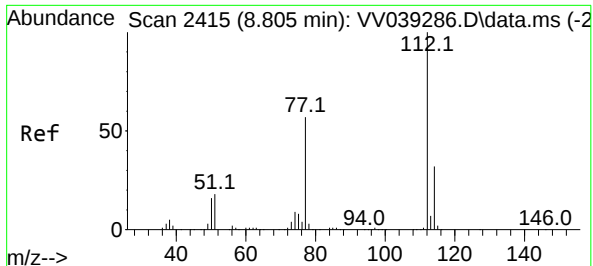
Tgt Ion:117 Resp: 1034430
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 10.351 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion:164 Resp: 78107
Ion Ratio Lower Upper
164 100
166 134.3 101.0 151.6
129 109.3 79.0 118.6
131 102.5 74.4 111.6

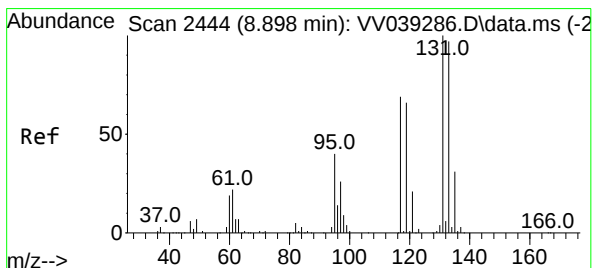
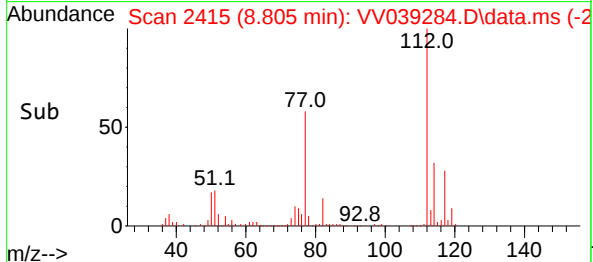
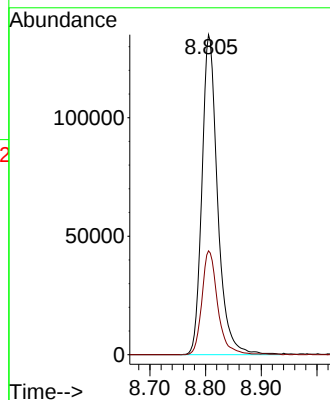
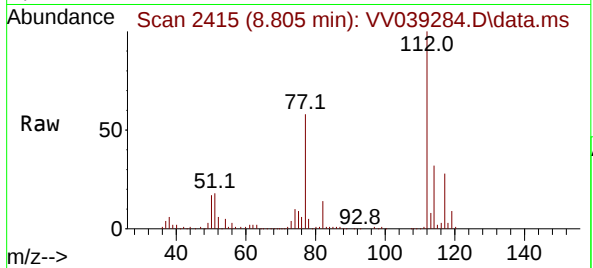




#65
Chlorobenzene
Concen: 10.781 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

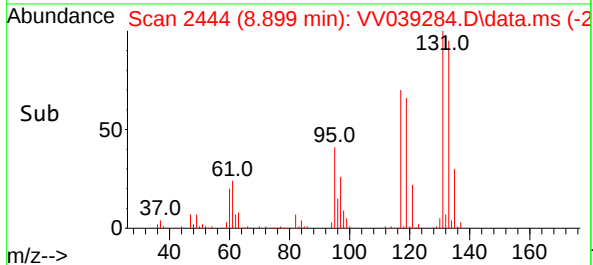
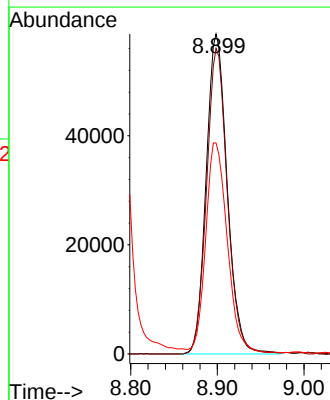
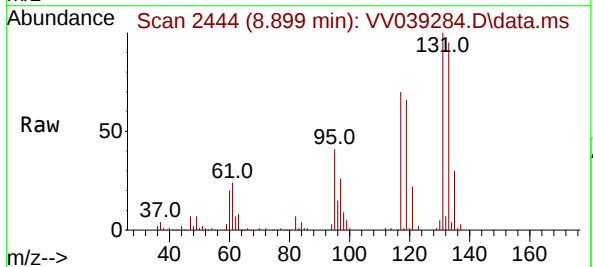
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

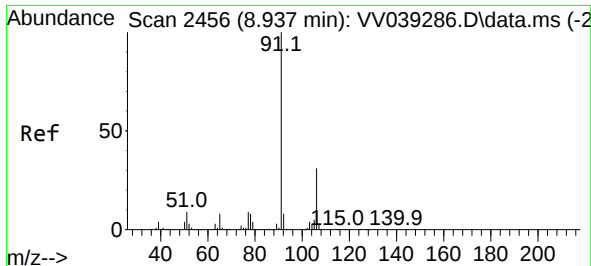
Tgt Ion:112 Resp: 264008
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 10.802 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion:131 Resp: 99081
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.3
119 66.7 32.7 98.1





#67

Ethyl Benzene

Concen: 10.314 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

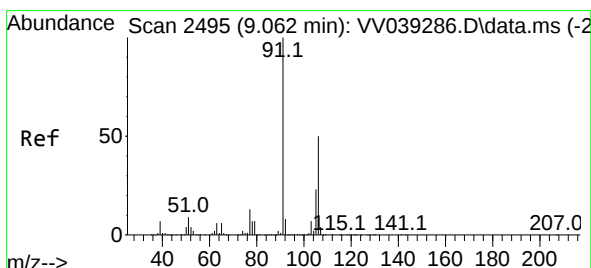
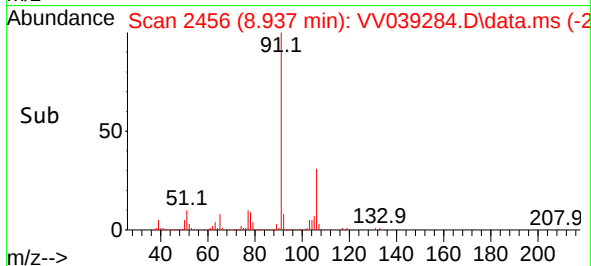
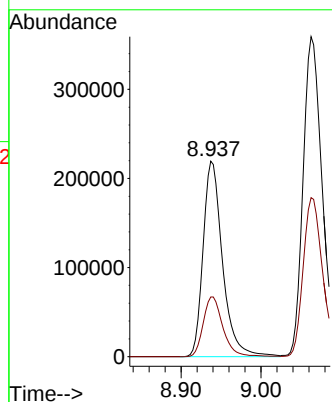
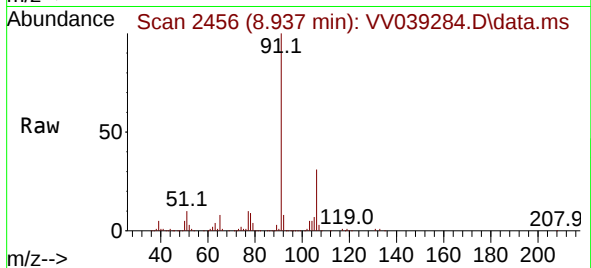
VSTDIC010

Tgt Ion: 91 Resp: 372030

Ion Ratio Lower Upper

91 100

106 30.5 24.6 37.0



#68

m/p-Xylenes

Concen: 21.615 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV039284.D

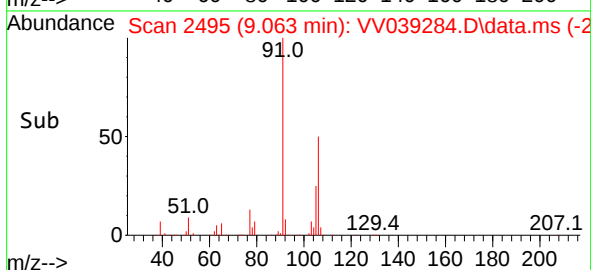
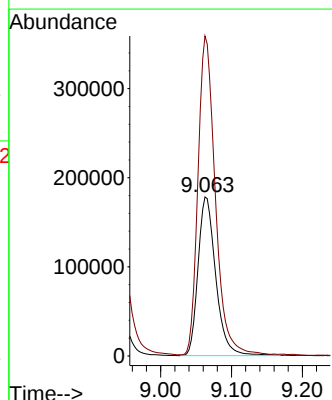
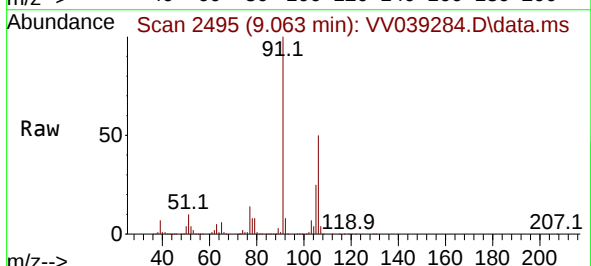
Acq: 07 Oct 2025 10:25

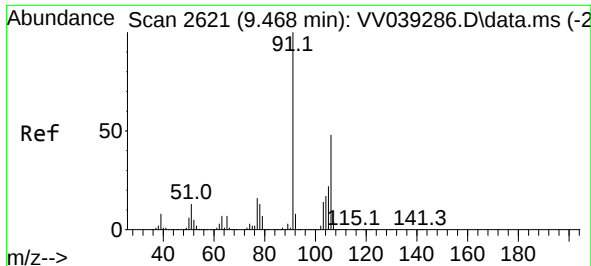
Tgt Ion:106 Resp: 309238

Ion Ratio Lower Upper

106 100

91 195.9 160.2 240.2





#69

o-Xylene

Concen: 10.118 ug/l

RT: 9.471 min Scan# 2621

Delta R.T. 0.003 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

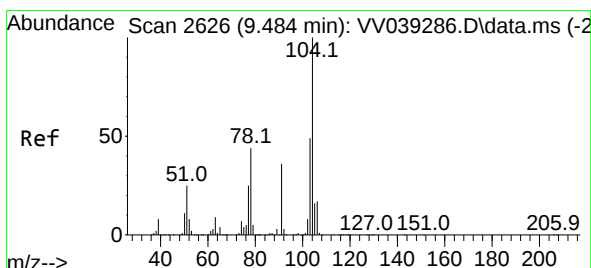
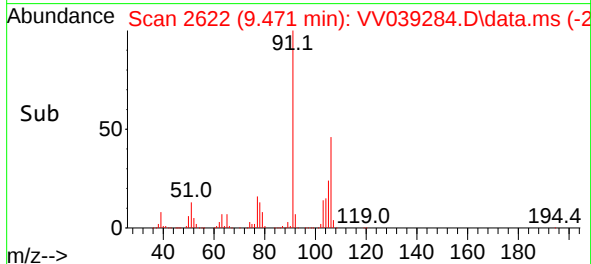
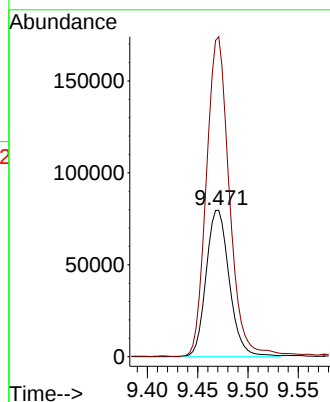
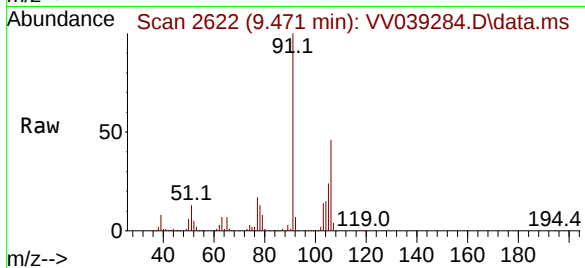
VSTDIC010

Tgt Ion:106 Resp: 127839

Ion Ratio Lower Upper

106 100

91 217.2 105.8 317.3



#70

Styrene

Concen: 10.282 ug/l

RT: 9.487 min Scan# 2627

Delta R.T. 0.003 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

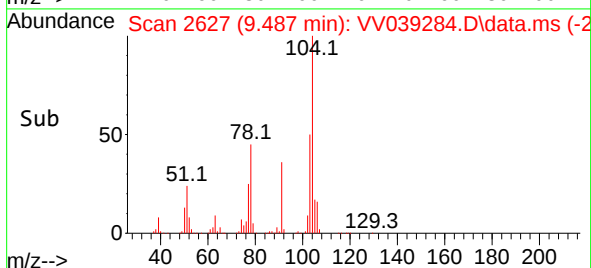
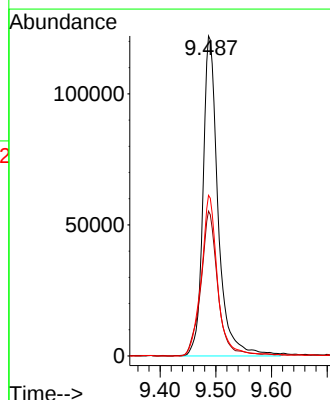
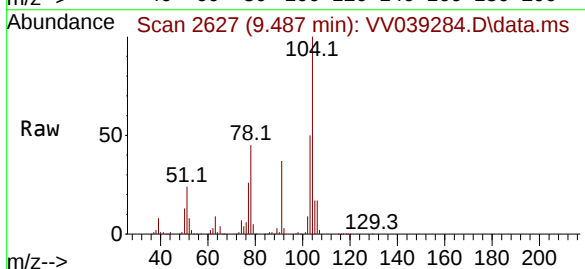
Tgt Ion:104 Resp: 231149

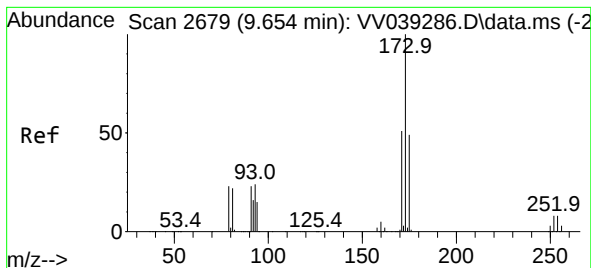
Ion Ratio Lower Upper

104 100

78 50.3 38.9 58.3

103 54.5 42.9 64.3





#71

Bromoform

Concen: 10.511 ug/l

RT: 9.657 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

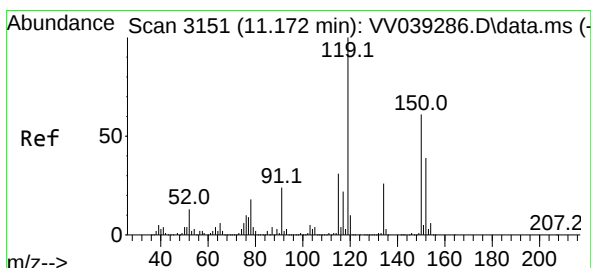
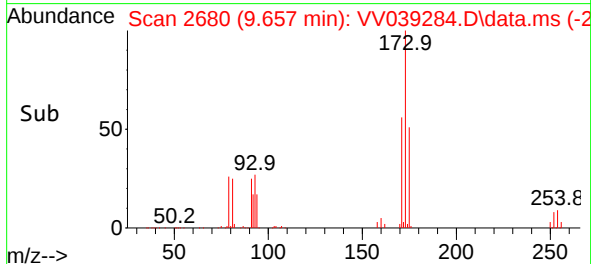
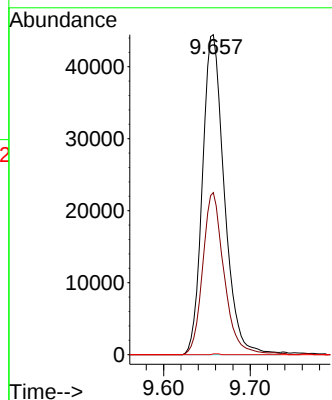
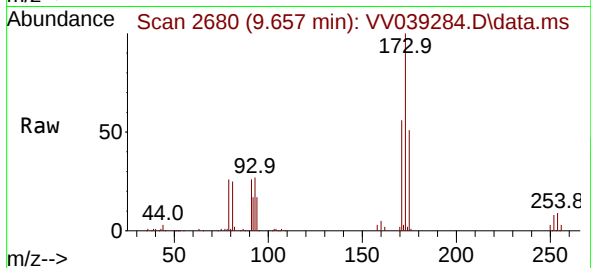
Tgt Ion:173 Resp: 77970

Ion Ratio Lower Upper

173 100

175 49.6 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: VV039284.D

Acq: 07 Oct 2025 10:25

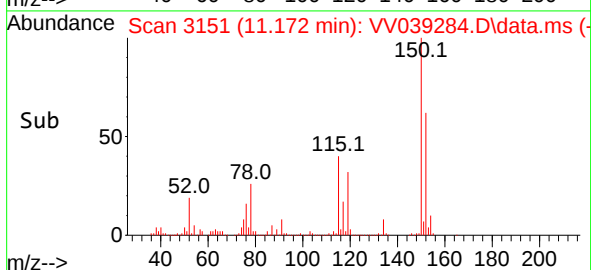
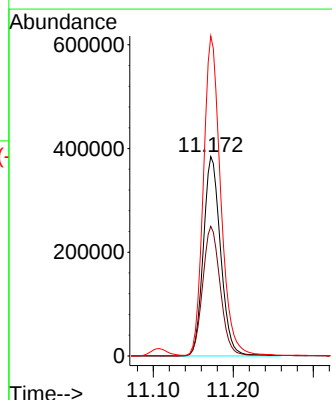
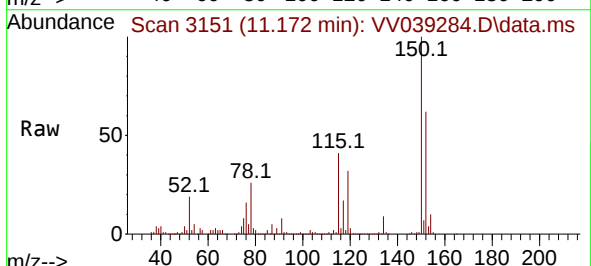
Tgt Ion:152 Resp: 576425

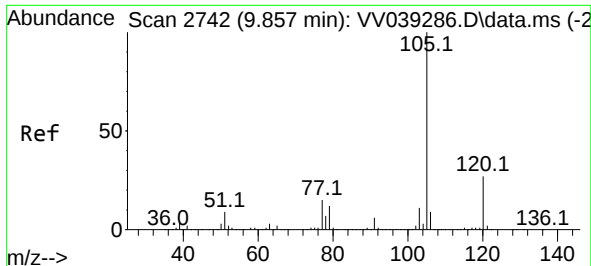
Ion Ratio Lower Upper

152 100

115 66.4 42.3 126.8

150 160.8 0.0 348.0

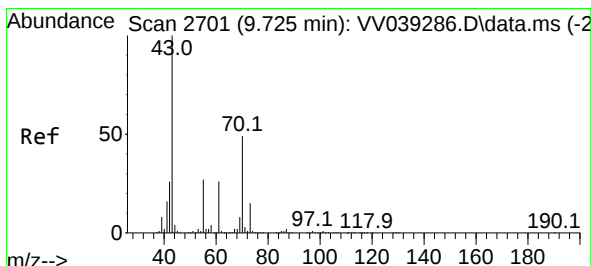
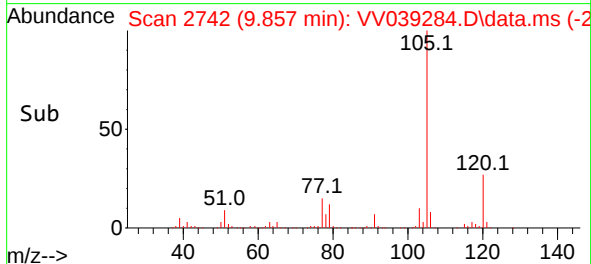
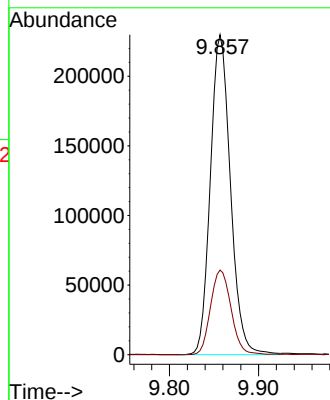
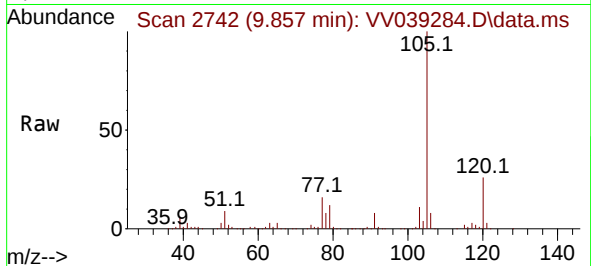




#73
Isopropylbenzene
Concen: 10.273 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

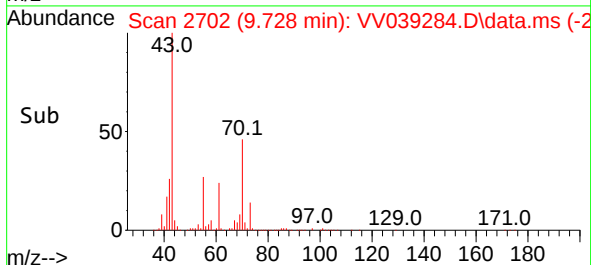
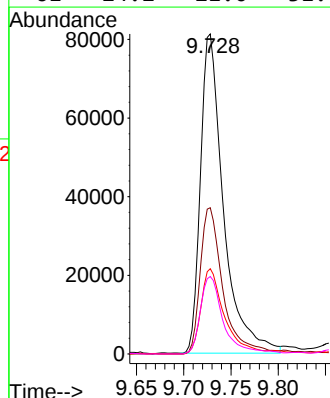
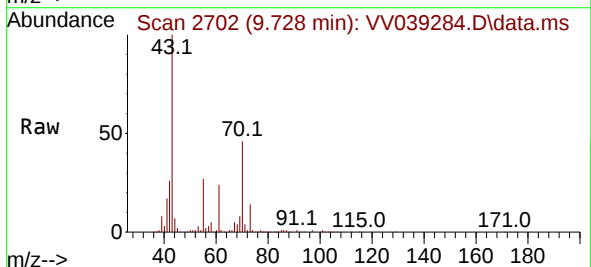
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

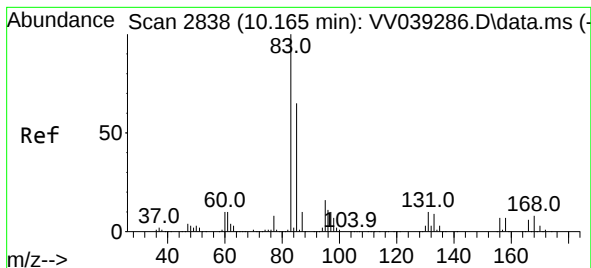
Tgt Ion:105 Resp: 359579
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.5



#74
N-ethyl acetate
Concen: 9.479 ug/l
RT: 9.728 min Scan# 2702
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 43 Resp: 137734
Ion Ratio Lower Upper
43 100
70 44.9 38.6 58.0
55 27.0 21.9 32.9
61 24.2 21.0 31.4

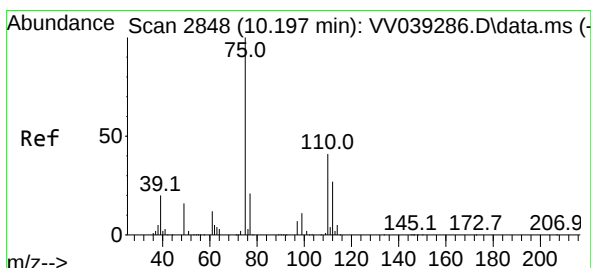
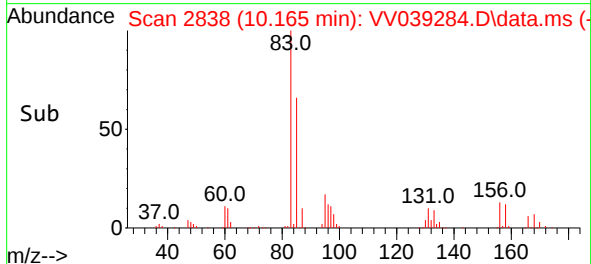
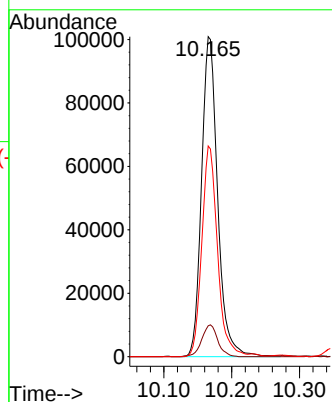
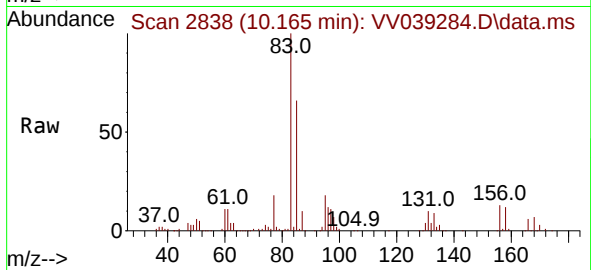




#75
1,1,2,2-Tetrachloroethane
Concen: 10.359 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

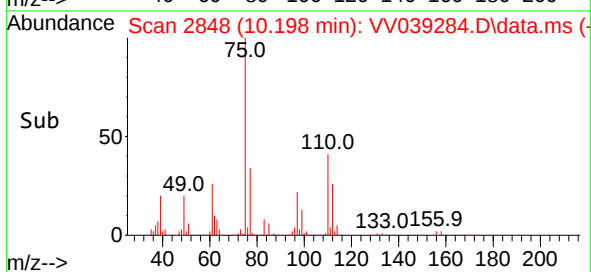
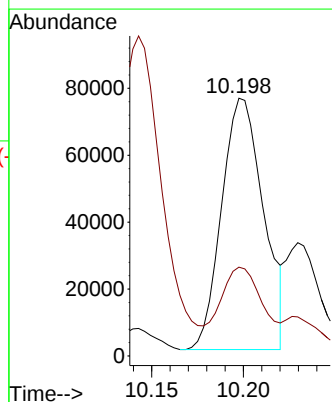
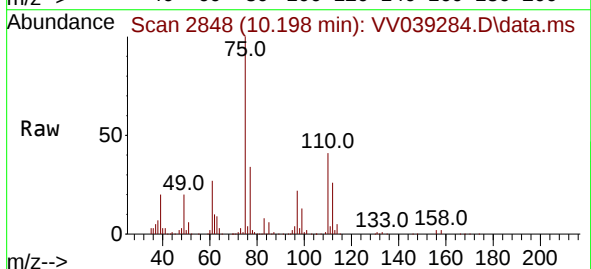
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

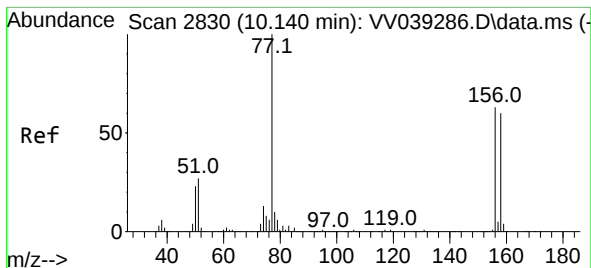
Tgt Ion: 83 Resp: 166524
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 64.0 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 10.395 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 75 Resp: 119595
Ion Ratio Lower Upper
75 100
77 20.9 12.2 36.4





#77

Bromobenzene

Concen: 10.744 ug/l

RT: 10.143 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

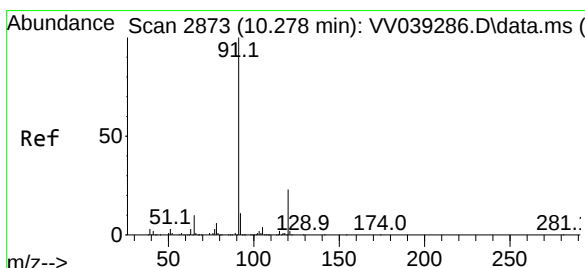
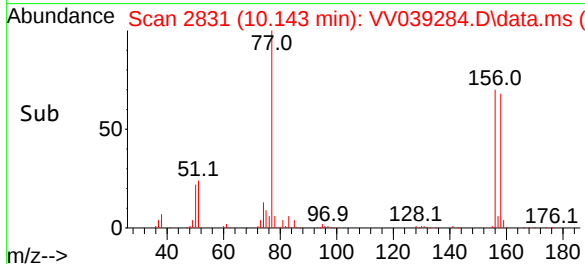
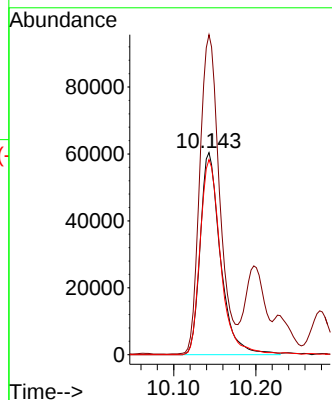
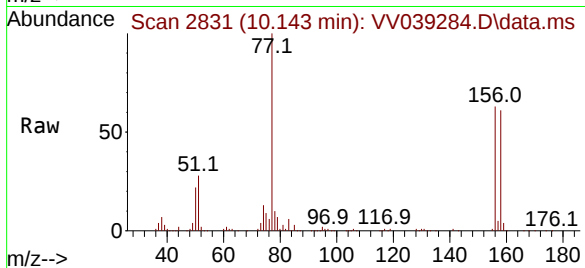
Tgt Ion:156 Resp: 103385

Ion Ratio Lower Upper

156 100

77 154.6 78.4 235.2

158 98.1 47.7 143.1



#78

n-propylbenzene

Concen: 10.344 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV039284.D

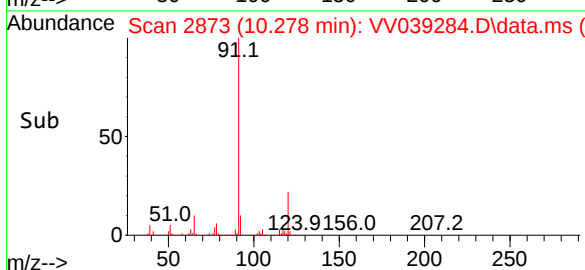
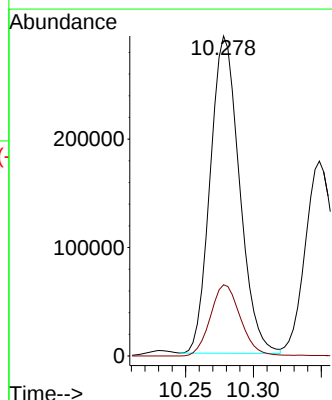
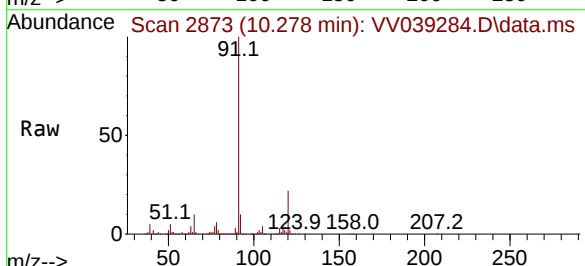
Acq: 07 Oct 2025 10:25

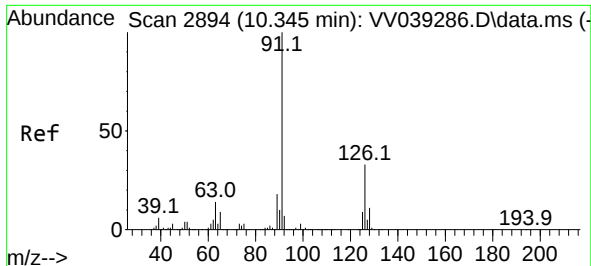
Tgt Ion: 91 Resp: 439318

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5

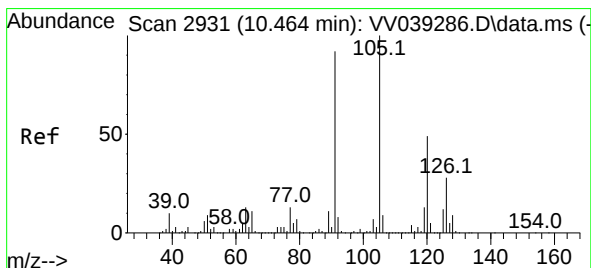
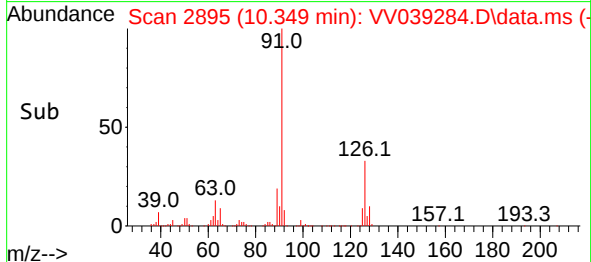
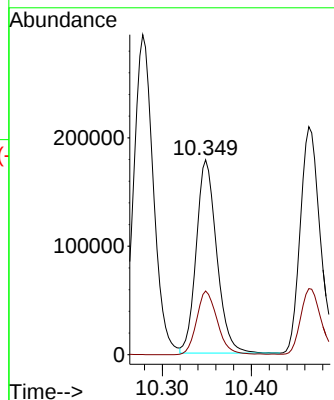
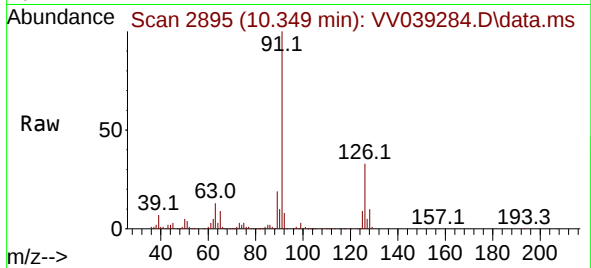




#79
2-Chlorotoluene
Concen: 10.817 ug/l
RT: 10.349 min Scan# 2894
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

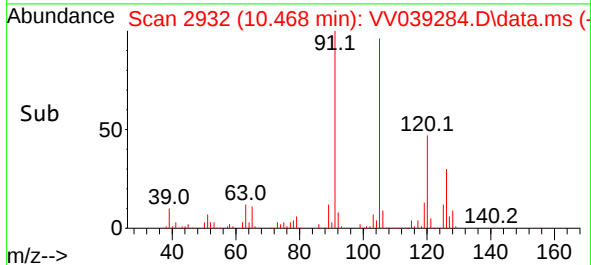
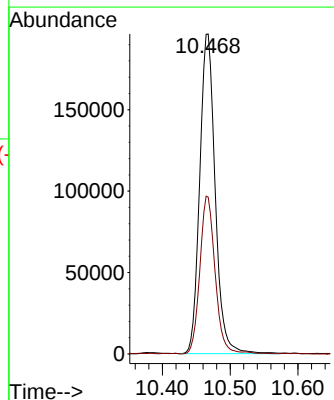
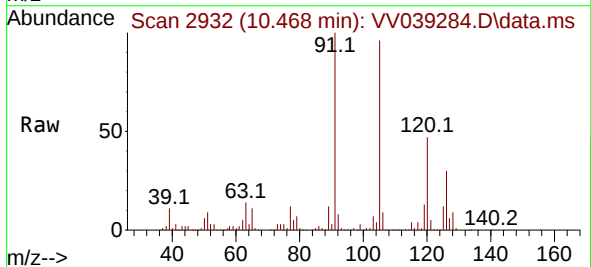
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

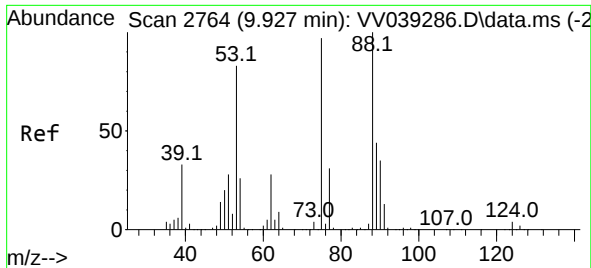
Tgt Ion: 91 Resp: 283648
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 10.584 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 105 Resp: 310730
Ion Ratio Lower Upper
105 100
120 49.0 24.3 73.0

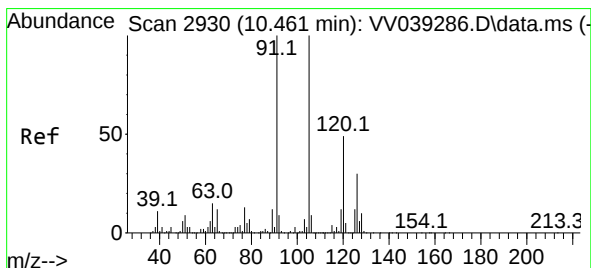
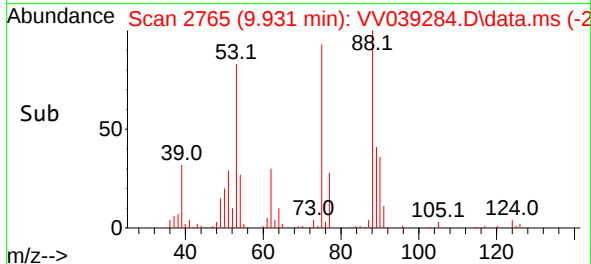
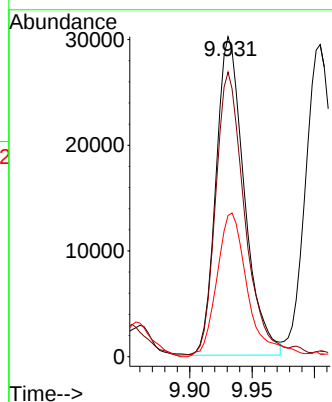
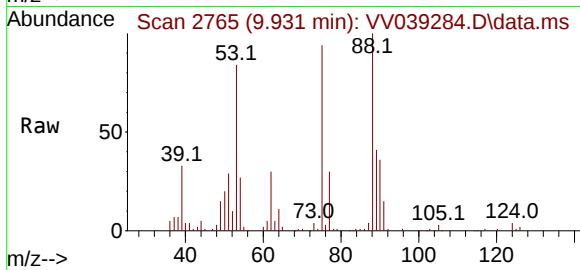




#81
trans-1,4-Dichloro-2-butene
Concen: 10.489 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

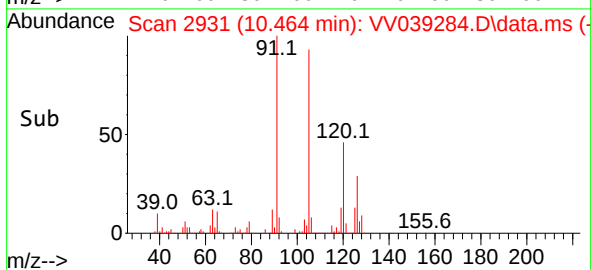
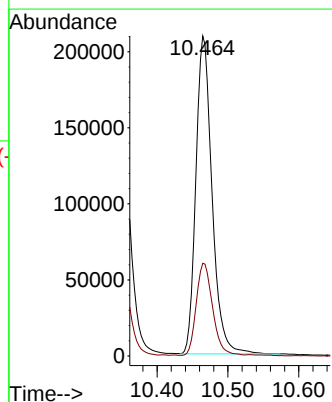
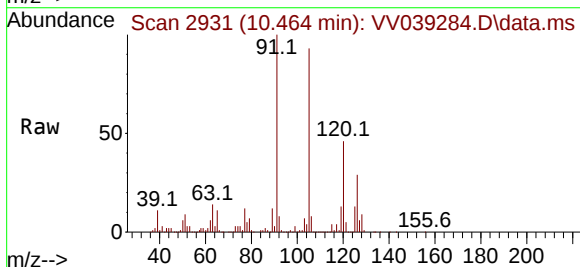
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

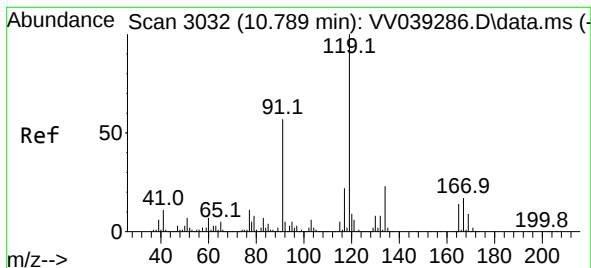
Tgt Ion: 75 Resp: 47784
Ion Ratio Lower Upper
75 100
53 89.5 69.9 104.9
89 49.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 10.987 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039284.D
Acq: 07 Oct 2025 10:25

Tgt Ion: 91 Resp: 331140
Ion Ratio Lower Upper
91 100
126 29.2 14.8 44.4





#83

tert-Butylbenzene

Concen: 10.002 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

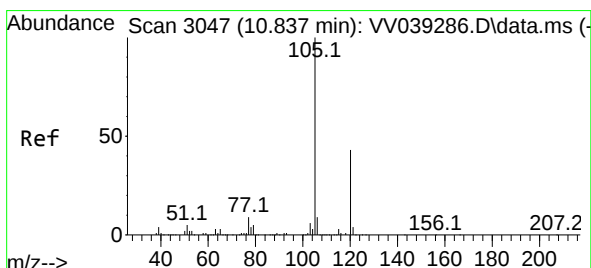
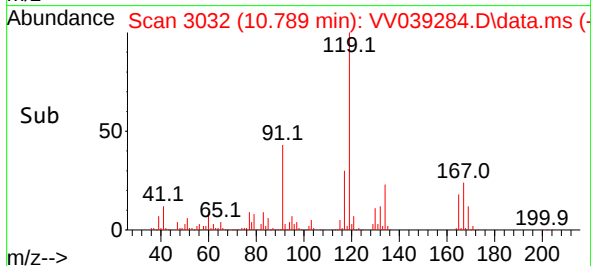
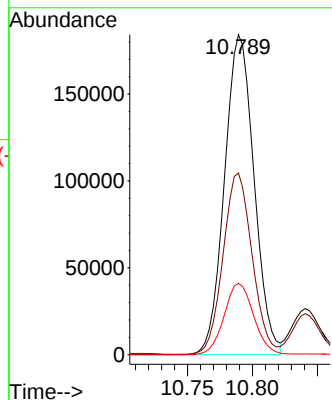
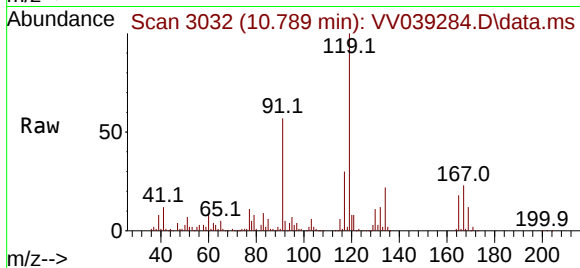
Tgt Ion:119 Resp: 291566

Ion Ratio Lower Upper

119 100

91 55.5 28.2 84.7

134 22.3 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 10.183 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039284.D

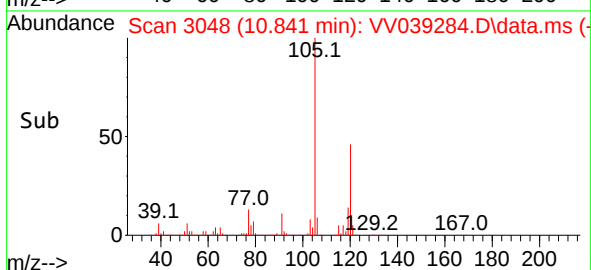
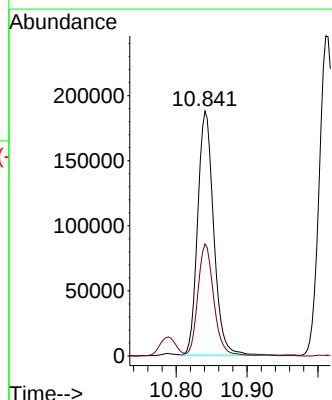
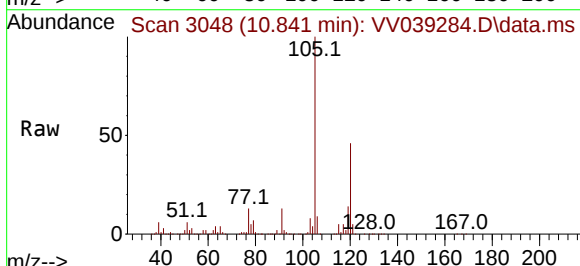
Acq: 07 Oct 2025 10:25

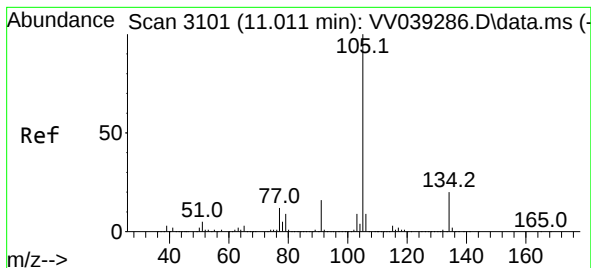
Tgt Ion:105 Resp: 294286

Ion Ratio Lower Upper

105 100

120 44.9 22.8 68.4





#85

sec-Butylbenzene

Concen: 10.260 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

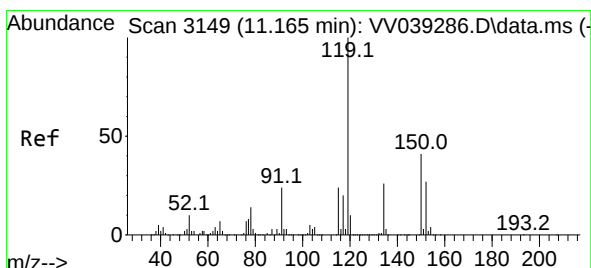
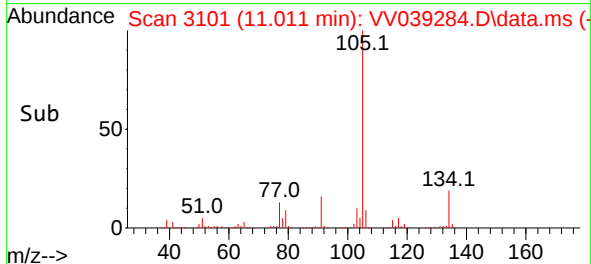
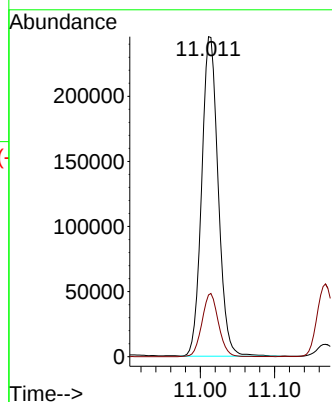
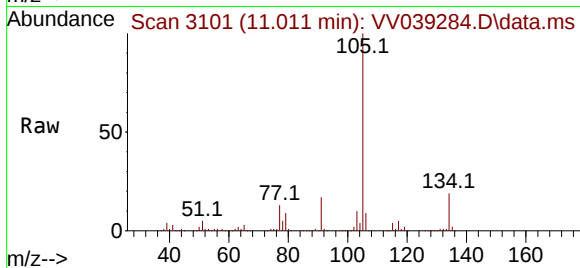
VSTDIC010

Tgt Ion:105 Resp: 378164

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 10.400 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

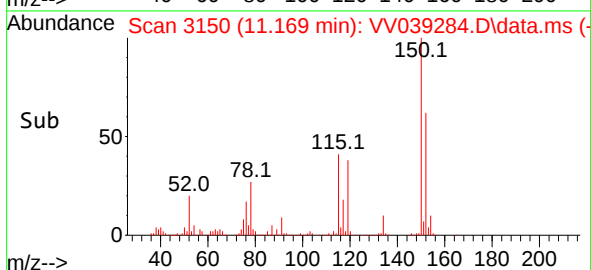
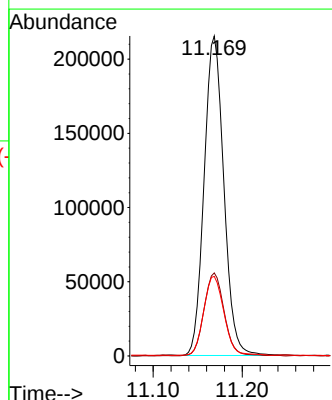
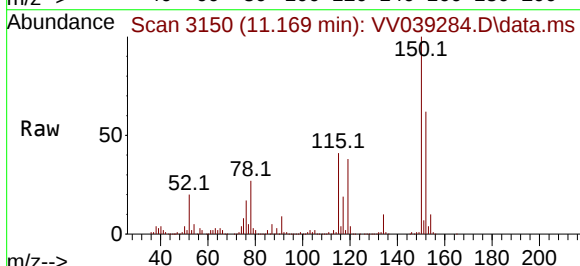
Tgt Ion:119 Resp: 329566

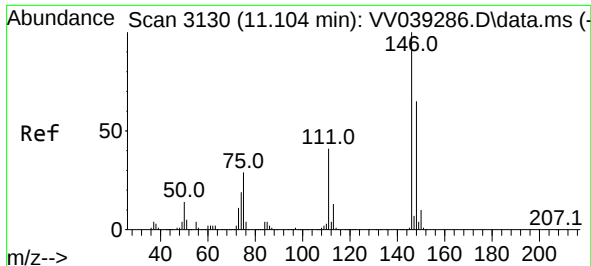
Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

91 25.3 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 10.912 ug/l

RT: 11.107 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

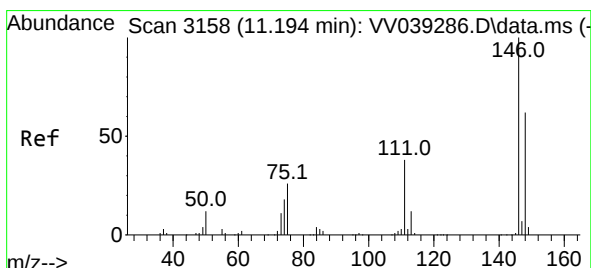
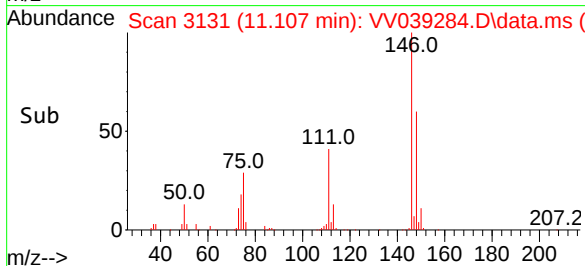
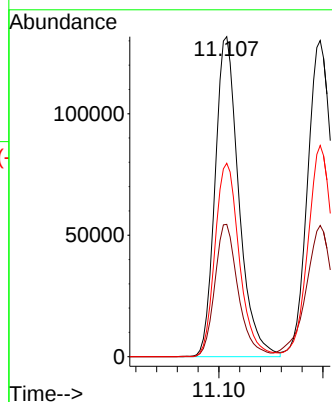
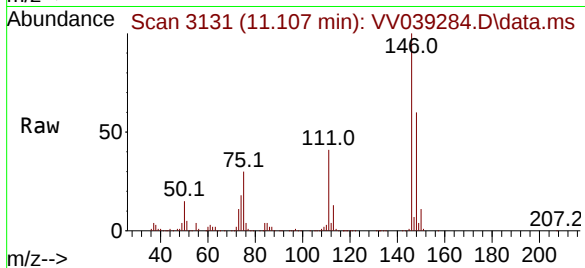
Tgt Ion:146 Resp: 209425

Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.8

148 62.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 10.453 ug/l

RT: 11.197 min Scan# 3159

Delta R.T. 0.003 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

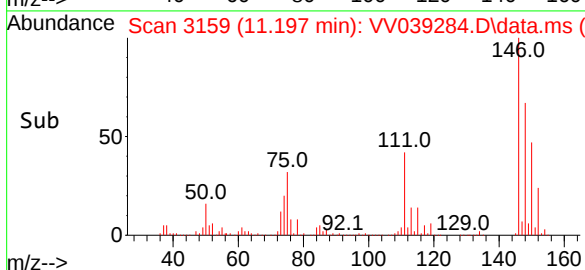
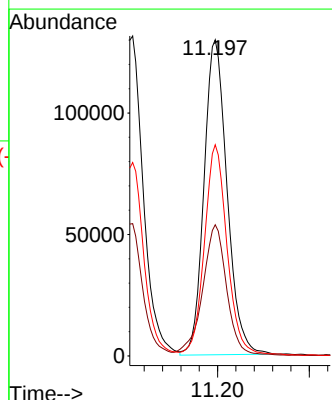
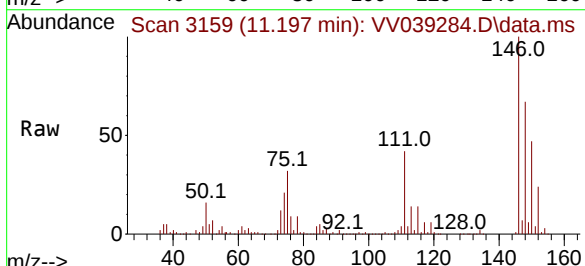
Tgt Ion:146 Resp: 226149

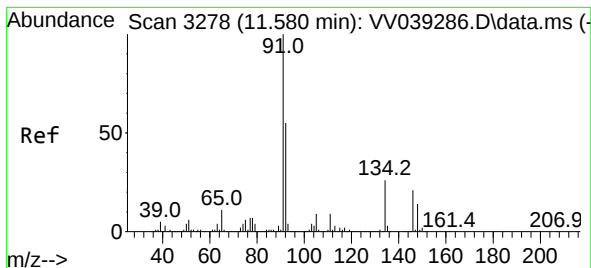
Ion Ratio Lower Upper

146 100

111 43.5 19.7 59.0

148 66.6 31.5 94.5





#89

n-Butylbenzene

Concen: 10.036 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

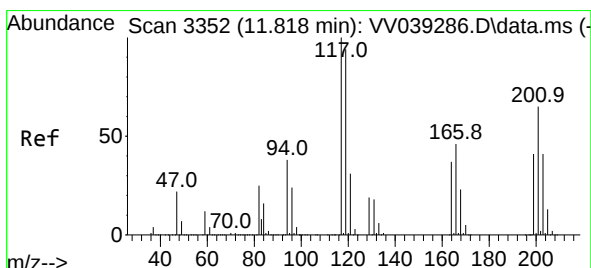
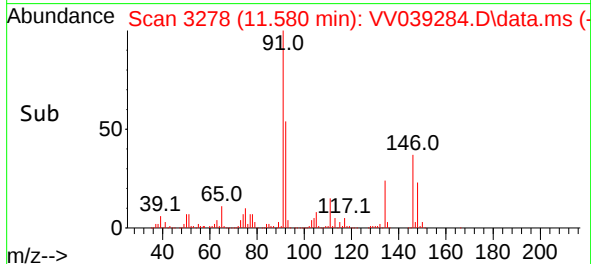
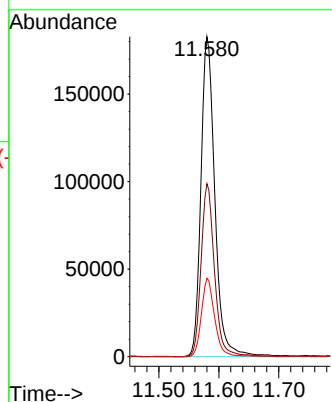
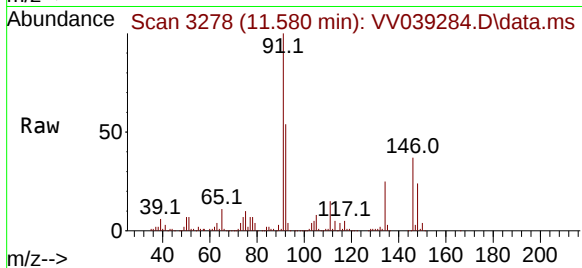
Tgt Ion: 91 Resp: 296155

Ion Ratio Lower Upper

91 100

92 52.1 26.9 80.6

134 23.4 12.6 37.8



#90

Hexachloroethane

Concen: 10.467 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV039284.D

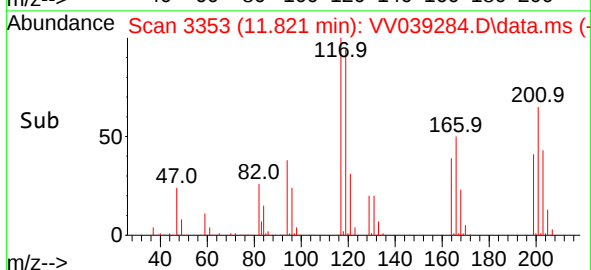
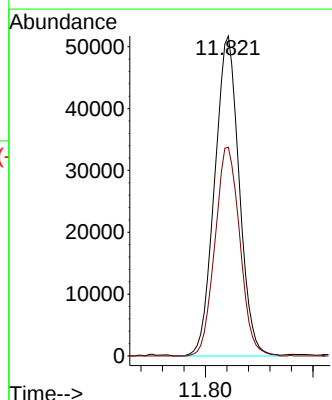
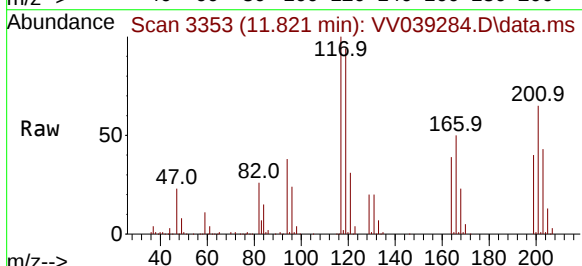
Acq: 07 Oct 2025 10:25

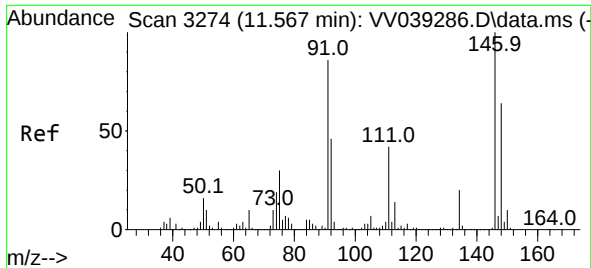
Tgt Ion: 117 Resp: 82020

Ion Ratio Lower Upper

117 100

201 66.1 33.7 101.1

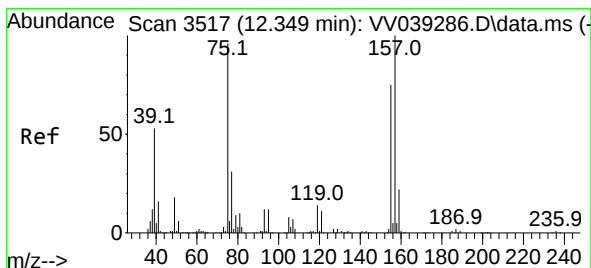
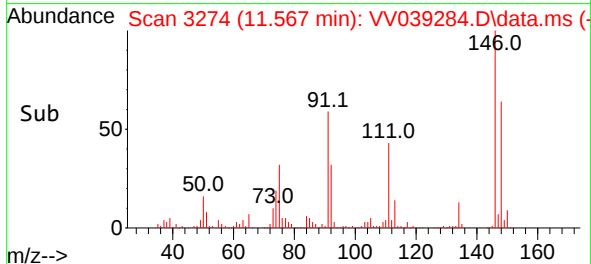
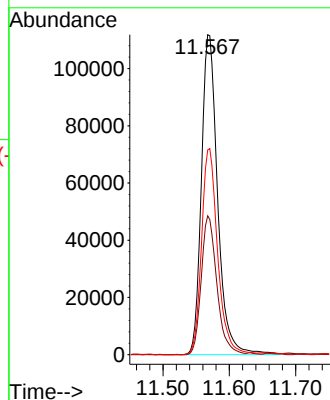
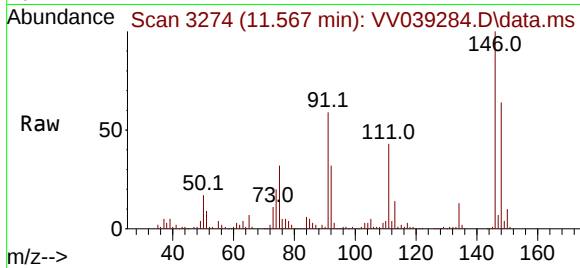




#91
 1,2-Dichlorobenzene
 Concen: 10.430 ug/l
 RT: 11.567 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV039284.D
 Acq: 07 Oct 2025 10:25

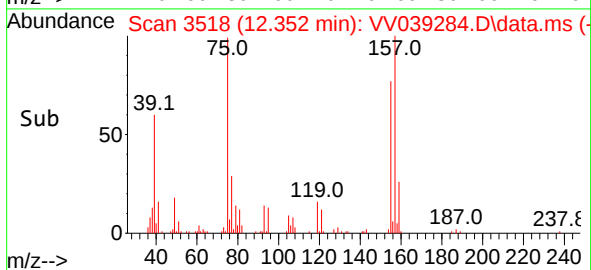
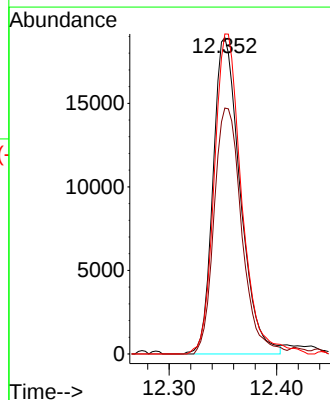
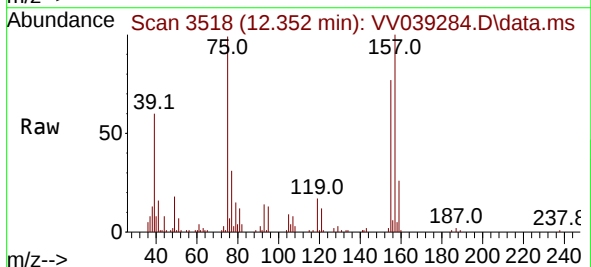
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

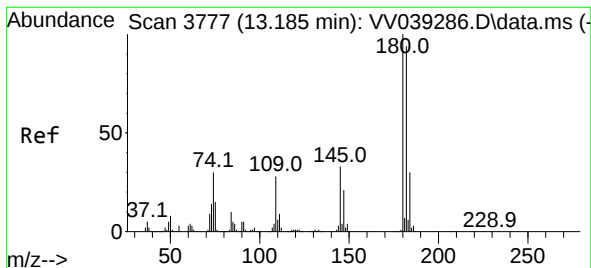
Tgt Ion:146 Resp: 190419
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.3 64.0
 148 63.9 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.038 ug/l
 RT: 12.352 min Scan# 3518
 Delta R.T. 0.003 min
 Lab File: VV039284.D
 Acq: 07 Oct 2025 10:25

Tgt Ion: 75 Resp: 33178
 Ion Ratio Lower Upper
 75 100
 155 79.2 40.8 122.5
 157 102.0 53.3 160.0





#93

1,2,4-Trichlorobenzene

Concen: 9.961 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

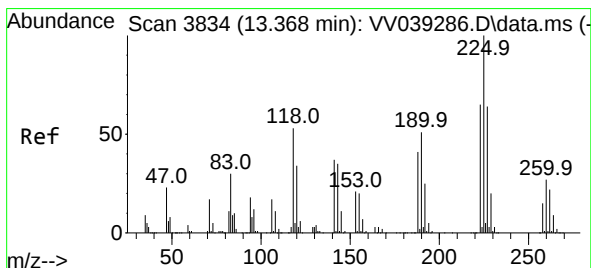
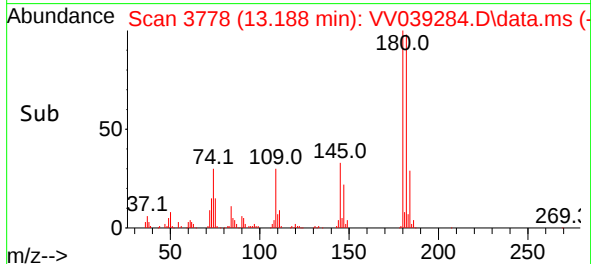
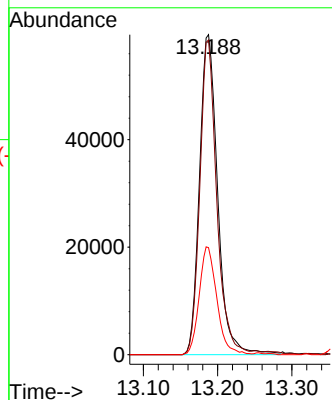
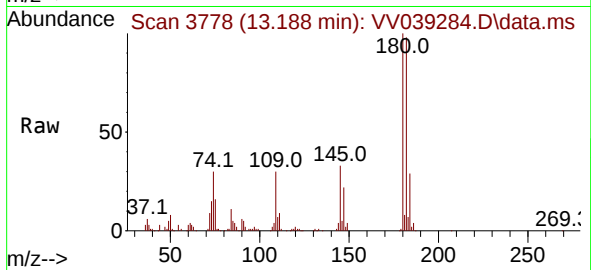
Tgt Ion:180 Resp: 101434

Ion Ratio Lower Upper

180 100

182 91.5 47.3 141.9

145 32.9 16.3 48.9



#94

Hexachlorobutadiene

Concen: 10.328 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

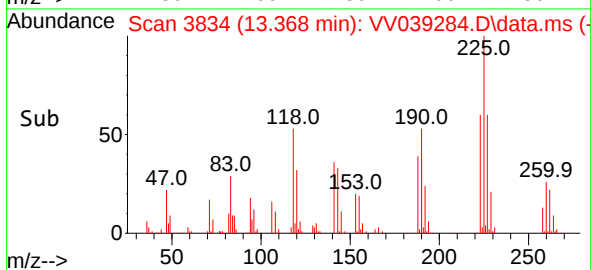
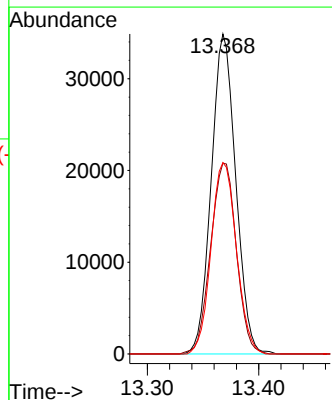
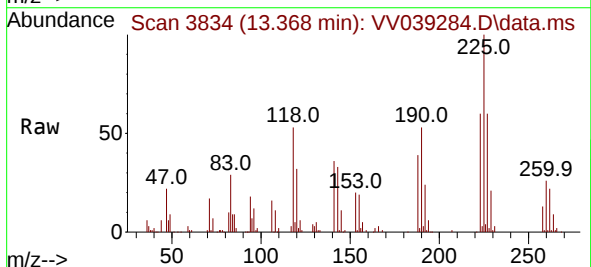
Tgt Ion:225 Resp: 53255

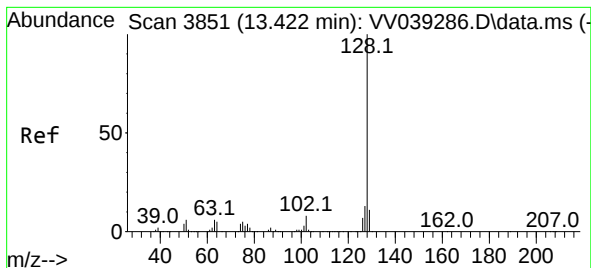
Ion Ratio Lower Upper

225 100

223 62.6 31.3 93.8

227 61.8 31.7 95.1





#95

Naphthalene

Concen: 9.193 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

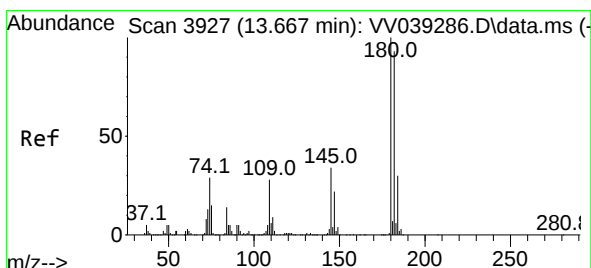
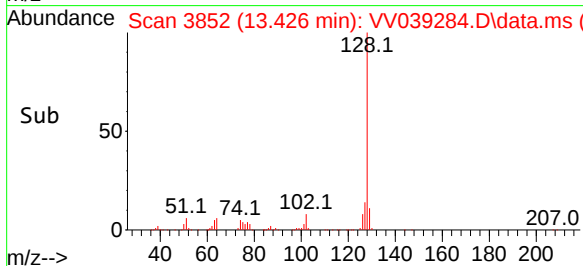
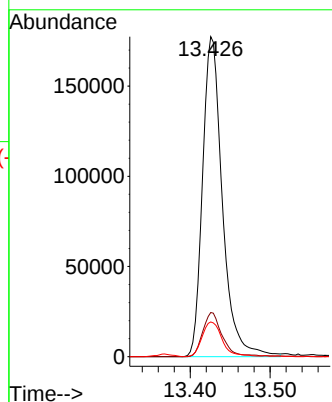
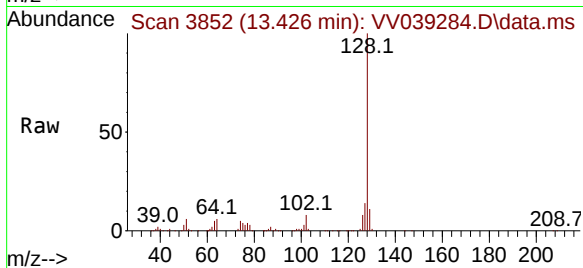
Tgt Ion:128 Resp: 306685

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 10.125 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039284.D

Acq: 07 Oct 2025 10:25

Tgt Ion:180 Resp: 107157

Ion Ratio Lower Upper

180 100

182 94.8 46.7 140.1

145 34.5 17.2 51.5

