

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100725\
 Data File : VV039282.D
 Acq On : 07 Oct 2025 09:40
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

Quant Time: Oct 08 04:53:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 04:53:20 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	527709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	895274	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	857185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	385797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.960	65	10544	1.406	ug/l	0.02
Spiked Amount	50.000	Range	81 - 118	Recovery	=	2.820%#
35) Dibromofluoromethane	4.510	113	8583	1.217	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	2.440%#
50) Toluene-d8	7.252	98	19594	0.816	ug/l	0.02
Spiked Amount	50.000	Range	89 - 112	Recovery	=	1.640%#
62) 4-Bromofluorobenzene	10.014	95	7090	0.830	ug/l	0.02
Spiked Amount	50.000	Range	85 - 114	Recovery	=	1.660%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	6611	0.991	ug/l	86
3) Chloromethane	1.227	50	7724	1.112	ug/l #	85
4) Vinyl Chloride	1.298	62	9112	1.150	ug/l #	87
5) Bromomethane	1.500	94	6626	1.289	ug/l	95
6) Chloroethane	1.558	64	7318	1.367	ug/l	97
7) Trichlorofluoromethane	1.725	101	14501	1.198	ug/l	97
8) Diethyl Ether	1.921	74	5296	1.211	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	8446	1.165	ug/l	88
10) Methyl Iodide	2.195	142	6297	1.009	ug/l	100
11) Tert butyl alcohol	2.571	59	10090	6.943	ug/l	97
12) 1,1-Dichloroethene	2.089	96	8925	1.254	ug/l #	79
13) Acrolein	2.011	56	9079	3.972	ug/l #	75
14) Allyl chloride	2.355	41	13558	1.202	ug/l #	88
15) Acrylonitrile	2.680	53	27594	6.403	ug/l	98
16) Acetone	2.124	43	30850	7.229	ug/l	96
17) Carbon Disulfide	2.253	76	27022	1.345	ug/l	95
18) Methyl Acetate	2.384	43	11207	1.153	ug/l	93
19) Methyl tert-butyl Ether	2.716	73	25085	1.171	ug/l	98
20) Methylene Chloride	2.458	84	12071	1.451	ug/l #	90
21) trans-1,2-Dichloroethene	2.703	96	9802	1.308	ug/l	86
22) Diisopropyl ether	3.217	45	21362	1.055	ug/l #	24
23) Vinyl Acetate	3.198	43	96018	5.401	ug/l	97
24) 1,1-Dichloroethane	3.121	63	16873	1.244	ug/l	97
25) 2-Butanone	3.905	43	11654	2.549	ug/l	92
26) 2,2-Dichloropropane	3.806	77	13393	1.226	ug/l	88
27) cis-1,2-Dichloroethene	3.828	96	4553	0.607	ug/l	63
28) Bromochloromethane	4.162	49	6412	1.081	ug/l #	91
29) Tetrahydrofuran	4.259	42	11162	3.808	ug/l #	72
30) Chloroform	4.278	83	16465	1.190	ug/l	97
31) Cyclohexane	4.587	56	19435	1.967	ug/l #	32
32) 1,1,1-Trichloroethane	4.519	97	14370	1.188	ug/l #	52
36) 1,1-Dichloropropene	4.751	75	6608	0.746	ug/l #	85
37) Ethyl Acetate	3.905	43	11654	1.127	ug/l #	68
38) Carbon Tetrachloride	4.735	117	10983	0.978	ug/l	93
39) Methylcyclohexane	6.043	83	10292	1.016	ug/l	97
40) Benzene	5.021	78	28276	0.995	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.159	41	174	1.729	ug/l #	1
42) 1,2-Dichloroethane	5.053	62	11586	1.161	ug/l	94
43) Isopropyl Acetate	5.220	43	11626	0.823	ug/l #	78
44) Trichloroethene	5.844	130	7590	1.062	ug/l	97
45) 1,2-Dichloropropane	6.108	63	7250	1.048	ug/l	92
46) Dibromomethane	6.243	93	6432	1.112	ug/l	90
47) Bromodichloromethane	6.439	83	12294	1.079	ug/l	88
48) Methyl methacrylate	6.275	41	177	0.028	ug/l #	10
49) 1,4-Dioxane	6.326	88	730	6.975	ug/l #	86
51) 4-Methyl-2-Pentanone	7.162	43	38959	4.135	ug/l	89
52) Toluene	7.323	92	14589	0.850	ug/l	84
53) t-1,3-Dichloropropene	7.600	75	8766	0.880	ug/l	98
54) cis-1,3-Dichloropropene	6.973	75	10212	0.922	ug/l	94
55) 1,1,2-Trichloroethane	7.776	97	8628	1.113	ug/l	91
56) Ethyl methacrylate	7.744	69	4686	0.541	ug/l #	88
57) 1,3-Dichloropropane	7.950	76	11189	0.957	ug/l	91
58) 2-Chloroethyl Vinyl ether	6.834	63	14435	10.957	ug/l #	87
59) 2-Hexanone	8.085	43	23733	3.431	ug/l	86
60) Dibromochloromethane	8.175	129	9684	1.069	ug/l	98
61) 1,2-Dibromoethane	8.288	107	8007	0.992	ug/l	100
64) Tetrachloroethene	7.902	164	6686	1.069	ug/l #	86
65) Chlorobenzene	8.809	112	21425	1.056	ug/l	95
66) 1,1,1,2-Tetrachloroethane	8.899	131	8692	1.144	ug/l #	62
67) Ethyl Benzene	8.947	91	27200	0.910	ug/l	98
68) m/p-Xylenes	9.069	106	19390	1.636	ug/l	88
69) o-Xylene	9.474	106	8958	0.856	ug/l	97
70) Styrene	9.506	104	13202	0.709	ug/l #	83
71) Bromoform	9.661	173	6502	1.058	ug/l #	99
73) Isopropylbenzene	9.860	105	21180	0.904	ug/l	86
74) N-amyl acetate	9.744	43	6657	0.685	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	10.172	83	14304	1.330	ug/l	99
76) 1,2,3-Trichloropropane	10.207	75	9316	1.210	ug/l	85
77) Bromobenzene	10.153	156	6491	1.008	ug/l	97
78) n-propylbenzene	10.284	91	26534	0.933	ug/l	100
79) 2-Chlorotoluene	10.355	91	15022	0.856	ug/l	90
80) 1,3,5-Trimethylbenzene	10.468	105	15895	0.809	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.947	75	3181	1.043	ug/l	89
82) 4-Chlorotoluene	10.474	91	16039	0.795	ug/l	89
83) tert-Butylbenzene	10.789	119	18627	0.955	ug/l	99
84) 1,2,4-Trimethylbenzene	10.847	105	16853	0.871	ug/l	92
85) sec-Butylbenzene	11.014	105	21613	0.876	ug/l	97
86) p-Isopropyltoluene	11.169	119	18735	0.883	ug/l	94
87) 1,3-Dichlorobenzene	11.117	146	12791	0.996	ug/l	96
88) 1,4-Dichlorobenzene	11.117	146	12791	0.883	ug/l	95
89) n-Butylbenzene	11.587	91	17957	0.909	ug/l	93
90) Hexachloroethane	11.821	117	6345	1.210	ug/l	97
91) 1,2-Dichlorobenzene	11.577	146	13621	1.115	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.365	75	2878	1.301	ug/l	92
93) 1,2,4-Trichlorobenzene	13.197	180	6793	0.997	ug/l	95
94) Hexachlorobutadiene	13.368	225	4285	1.242	ug/l	98
95) Naphthalene	13.435	128	18828	0.843	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.677	180	7094	1.002	ug/l	95

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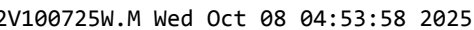
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MSVOA_V
ClientSampleId :
VSTDICC001

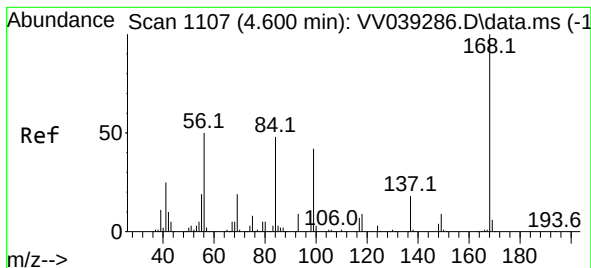
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.593 min Scan# 11

Delta R.T. -0.007 min

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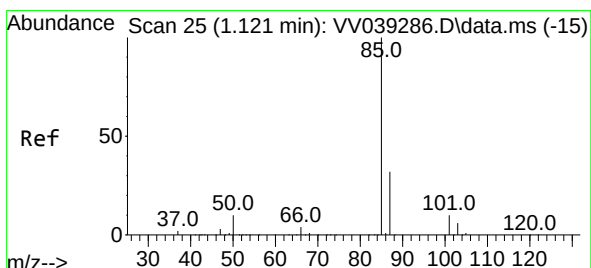
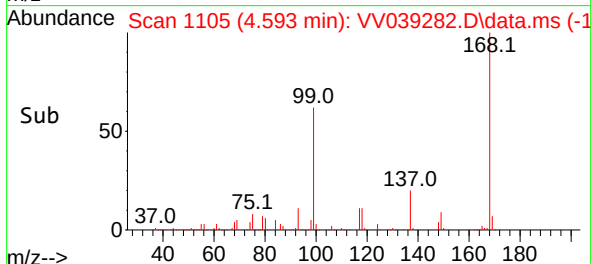
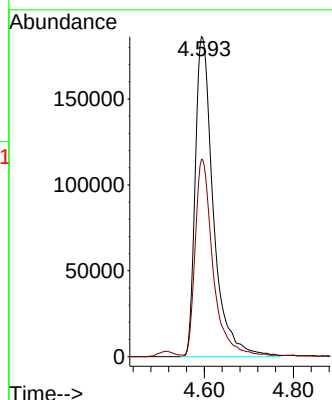
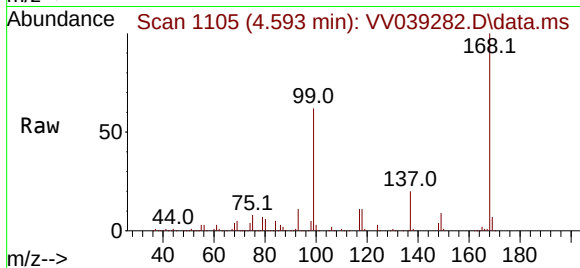
VSTDICC001

Tgt Ion:168 Resp: 527709

Ion Ratio Lower Upper

168 100

99 61.3 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 0.991 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039282.D

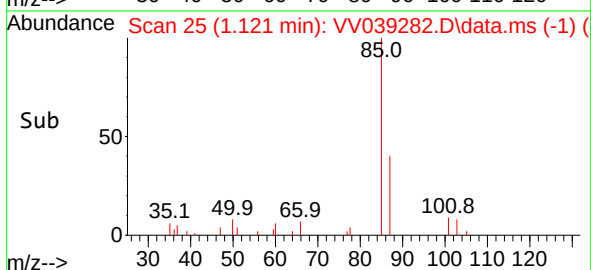
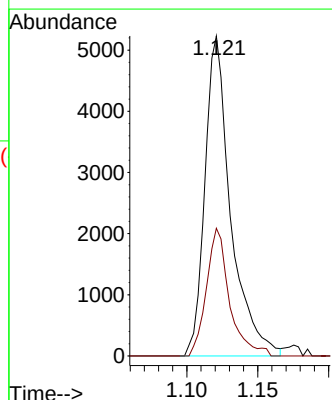
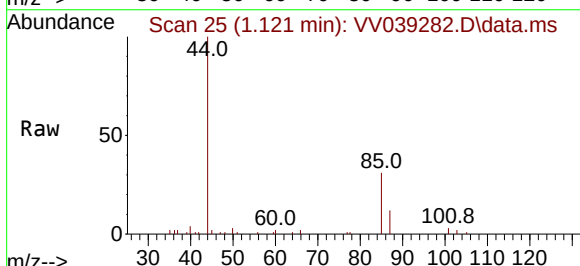
Acq: 07 Oct 2025 09:40

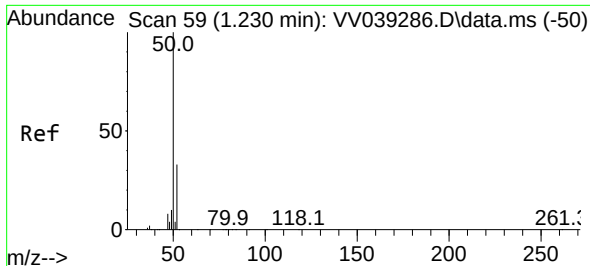
Tgt Ion: 85 Resp: 6611

Ion Ratio Lower Upper

85 100

87 39.9 16.1 48.2

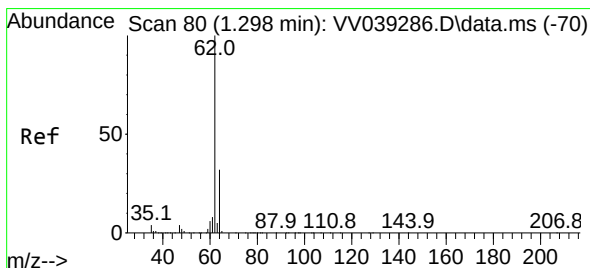
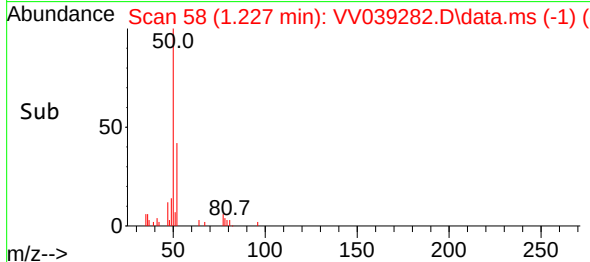
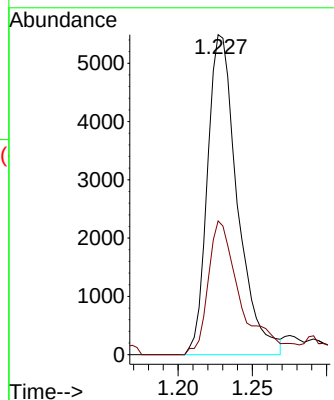
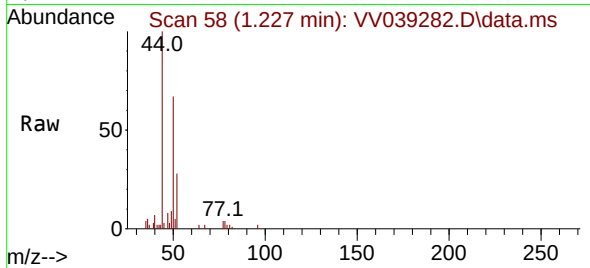




#3
Chloromethane
Concen: 1.112 ug/l
RT: 1.227 min Scan# 50
Delta R.T. -0.003 min
Lab File: VV039282.D
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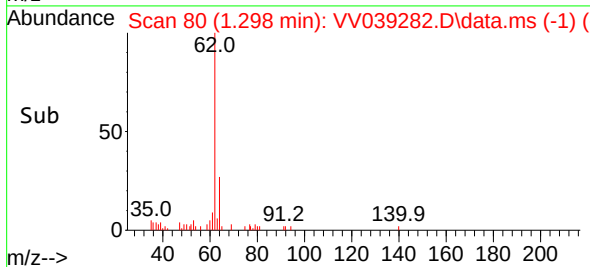
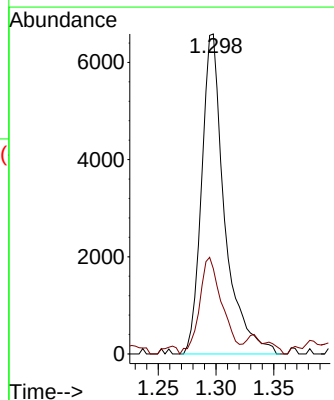
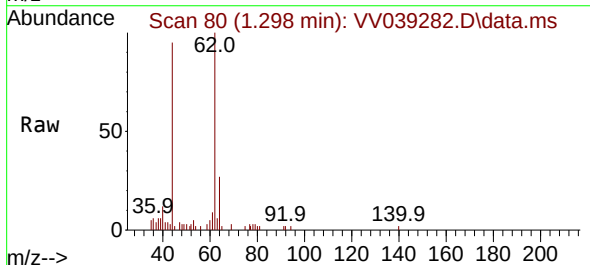
Instrument :
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ClientSampleId :
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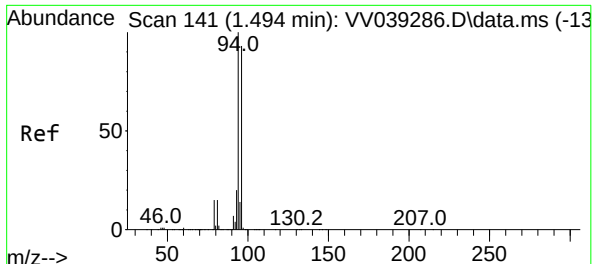
Tgt Ion: 50 Resp: 7724
Ion Ratio Lower Upper
50 100
52 41.8 26.6 39.8#



#4
Vinyl Chloride
Concen: 1.150 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 62 Resp: 9112
Ion Ratio Lower Upper
62 100
64 25.1 25.8 38.6#

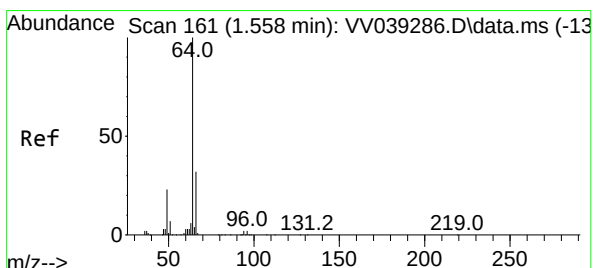
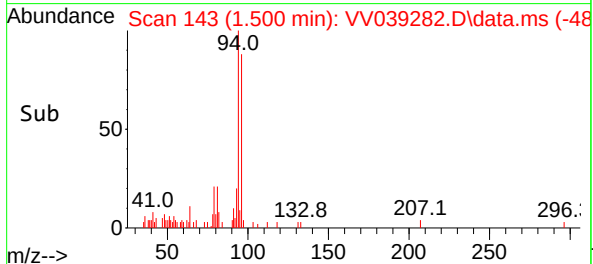
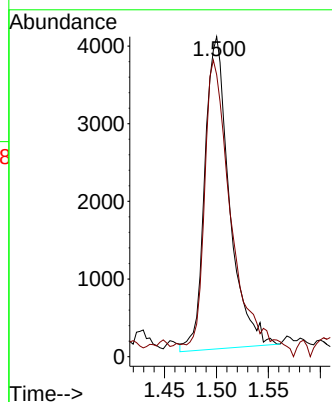
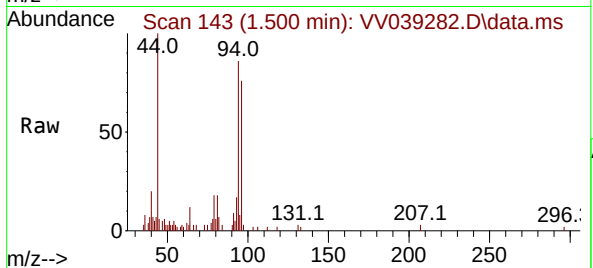




#5
Bromomethane
Concen: 1.289 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.007 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

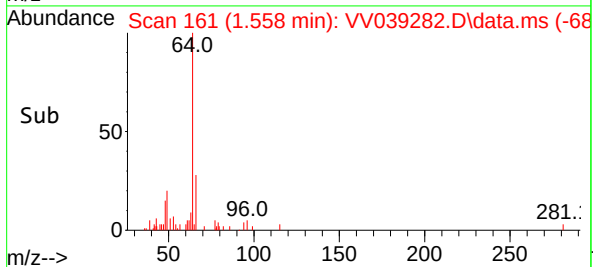
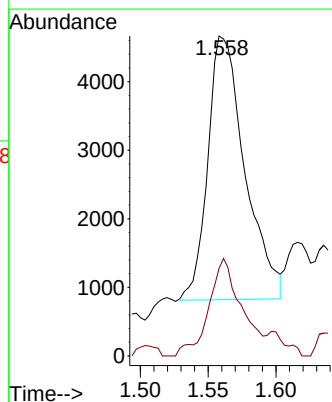
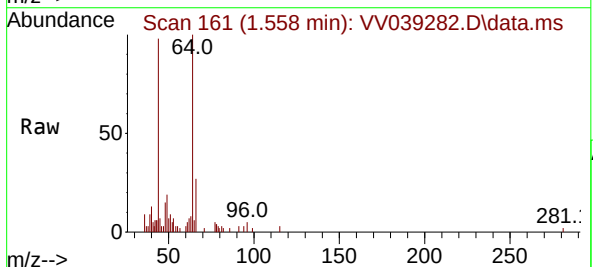
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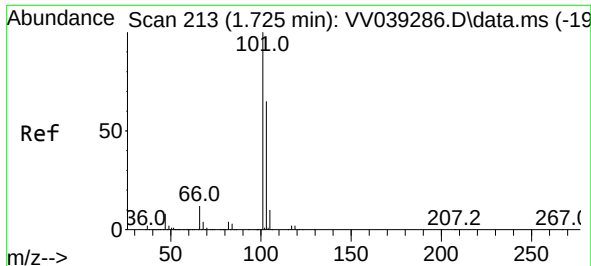
Tgt Ion: 94 Resp: 6626
Ion Ratio Lower Upper
94 100
96 87.8 74.2 111.2



#6
Chloroethane
Concen: 1.367 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 64 Resp: 7318
Ion Ratio Lower Upper
64 100
66 30.4 25.7 38.5

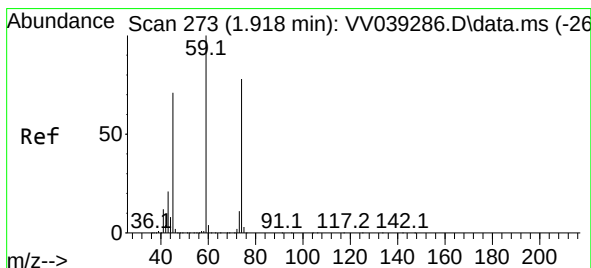
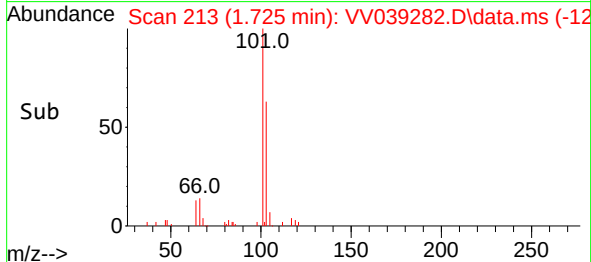
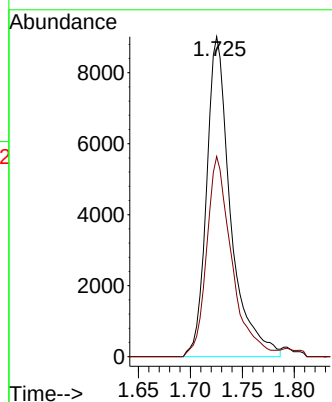
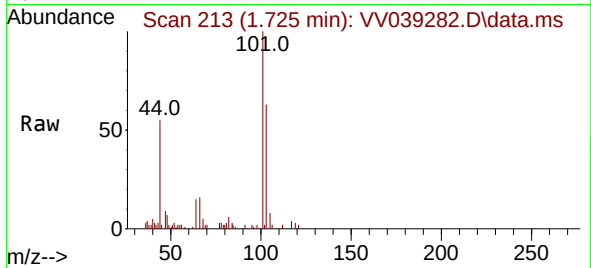




#7
 Trichlorofluoromethane
 Concen: 1.198 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039282.D
 Acq: 07 Oct 2025 09:40

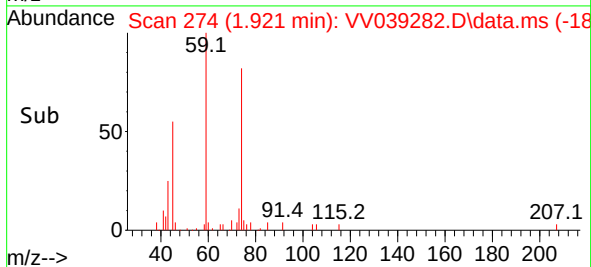
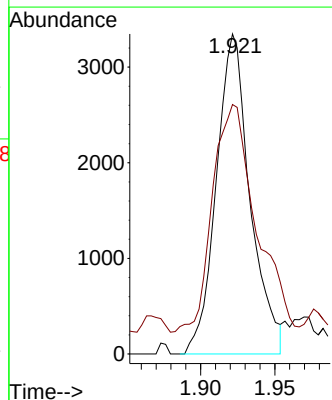
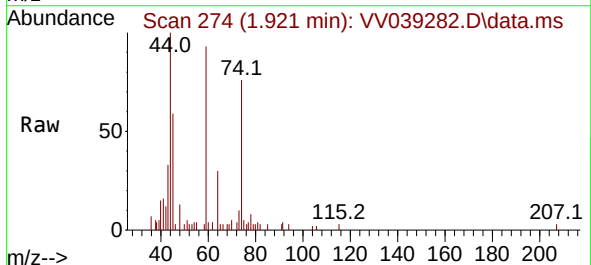
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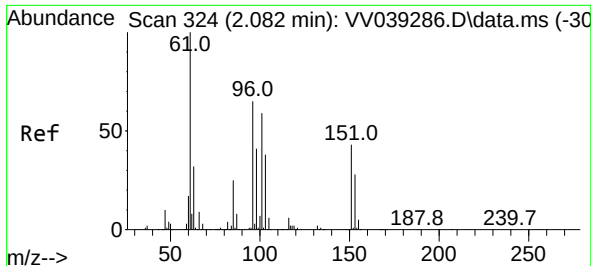
Tgt Ion:101 Resp: 14501
 Ion Ratio Lower Upper
 101 100
 103 62.5 52.0 78.0



#8
 Diethyl Ether
 Concen: 1.211 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 5296
 Ion Ratio Lower Upper
 74 100
 45 91.3 45.9 137.7

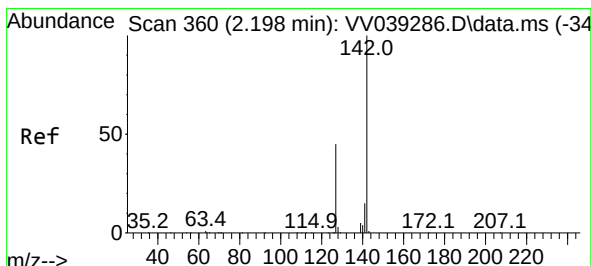
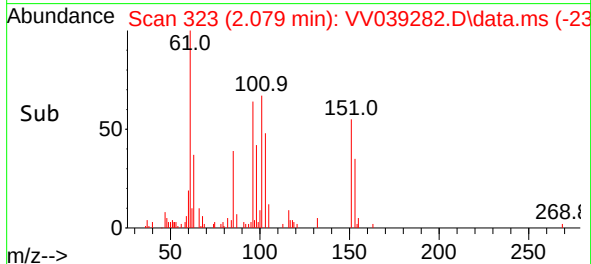
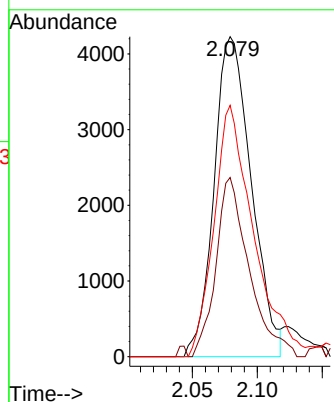
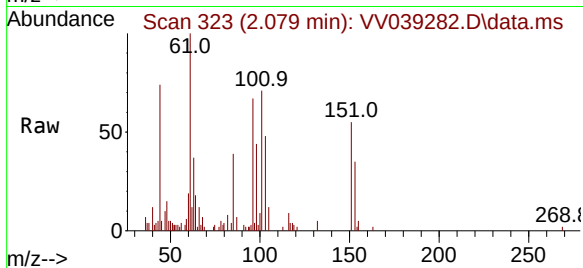




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.165 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.003 min
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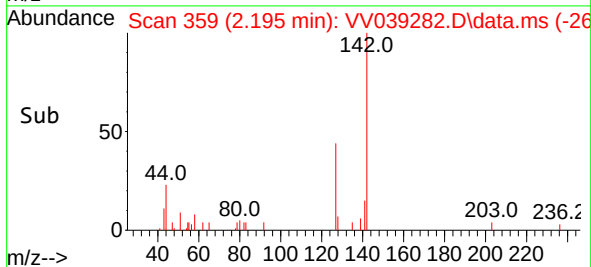
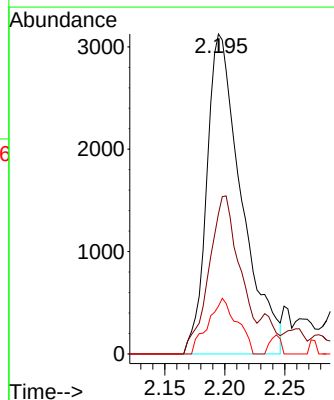
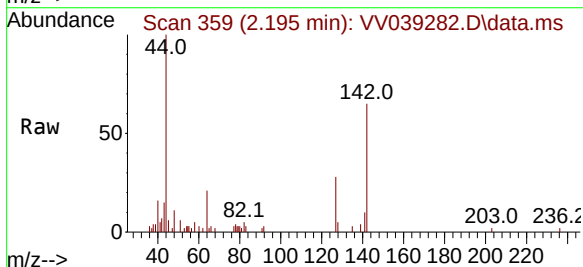
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

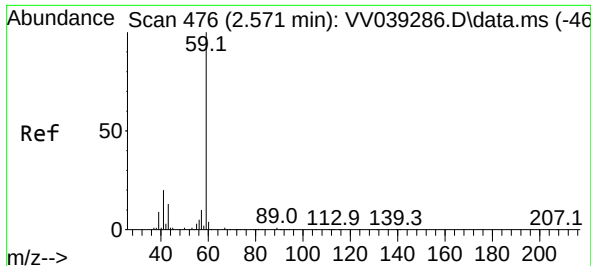
Tgt Ion:101 Resp: 8446
Ion Ratio Lower Upper
101 100
85 49.8 34.0 51.0
151 82.8 58.5 87.7



#10
Methyl Iodide
Concen: 1.009 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.003 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion:142 Resp: 6297
Ion Ratio Lower Upper
142 100
127 44.4 35.5 53.3
141 14.5 11.5 17.3

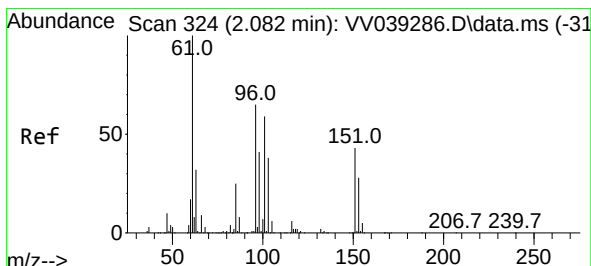
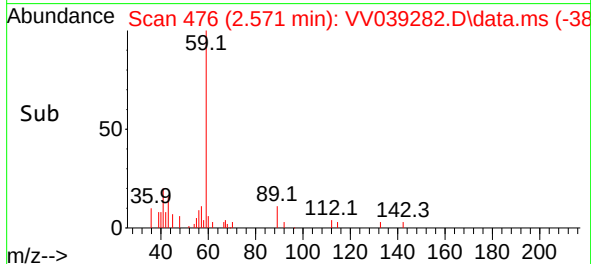
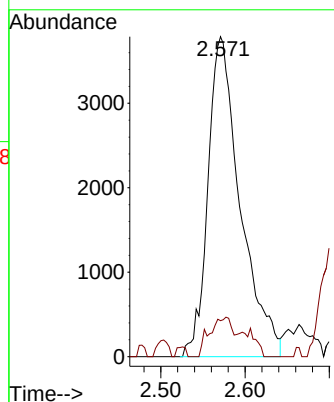
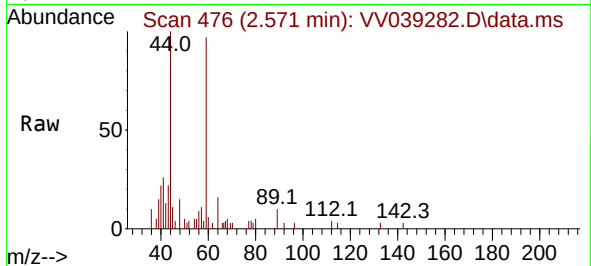




#11
Tert butyl alcohol
Concen: 6.943 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

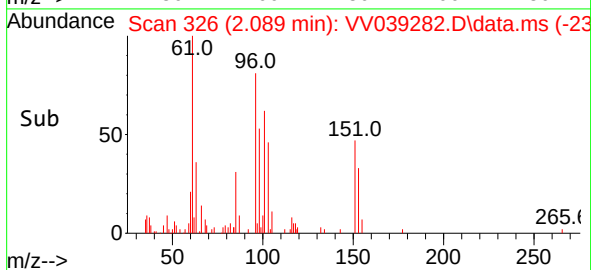
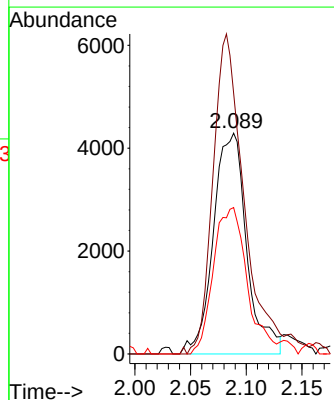
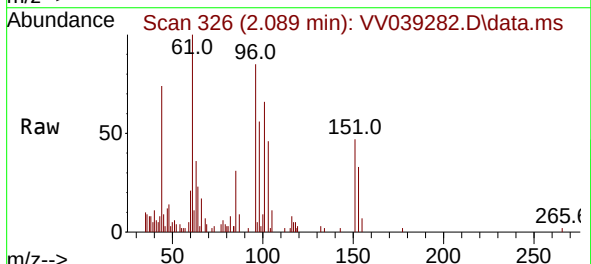
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

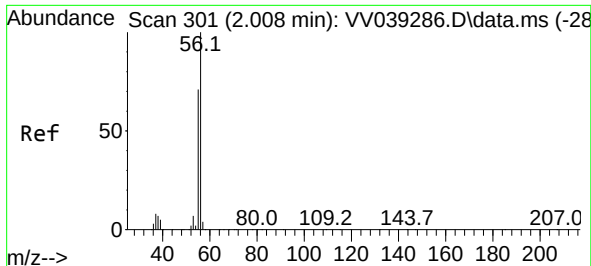
Tgt Ion: 59 Resp: 10090
Ion Ratio Lower Upper
59 100
57 9.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 1.254 ug/l
RT: 2.089 min Scan# 326
Delta R.T. 0.007 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 96 Resp: 8925
Ion Ratio Lower Upper
96 100
61 118.1 123.6 185.4#
98 66.3 51.1 76.7

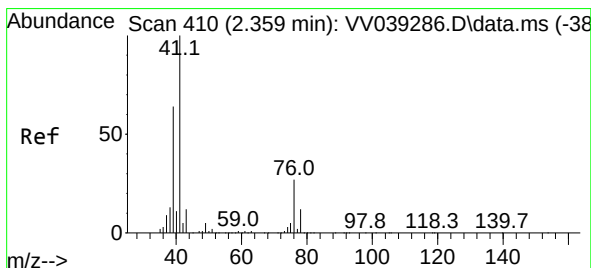
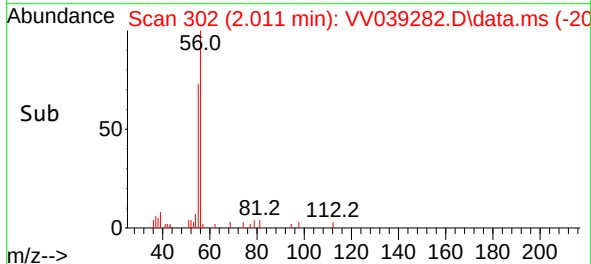
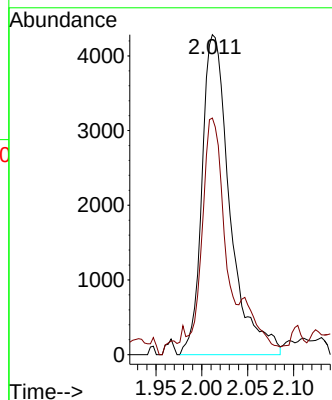
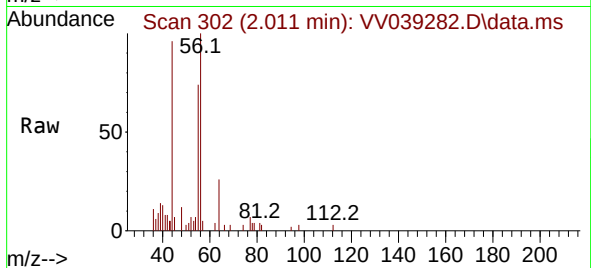




#13
Acrolein
Concen: 3.972 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

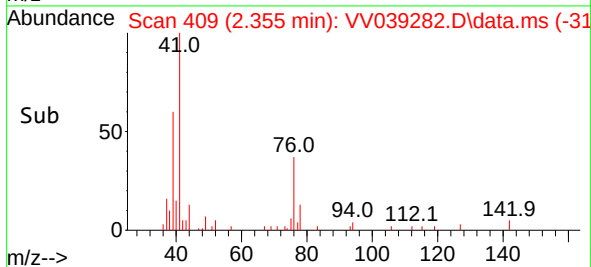
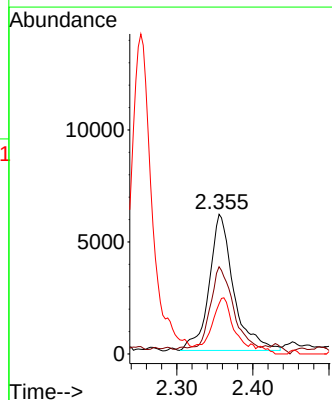
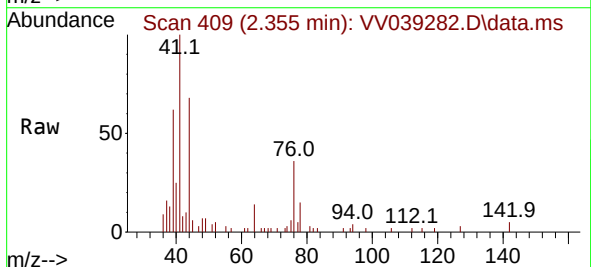
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

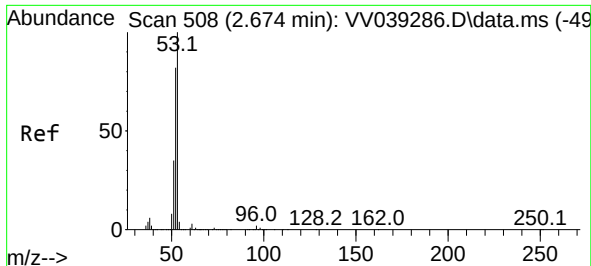
Tgt Ion: 56 Resp: 9079
Ion Ratio Lower Upper
56 100
55 50.1 56.2 84.4#



#14
Allyl chloride
Concen: 1.202 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.003 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 41 Resp: 13558
Ion Ratio Lower Upper
41 100
39 52.4 47.8 71.6
76 28.4 30.2 45.2#

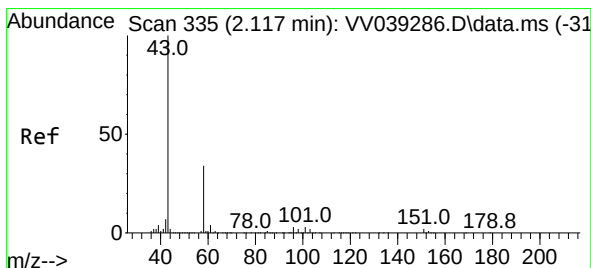
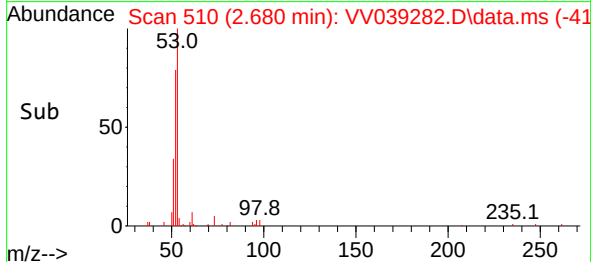
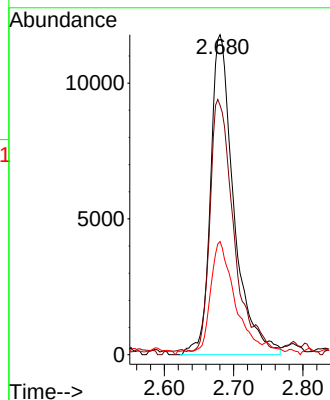
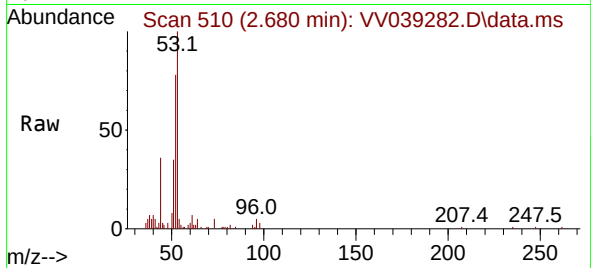




#15
Acrylonitrile
Concen: 6.403 ug/l
RT: 2.680 min Scan# 510
Delta R.T. 0.007 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

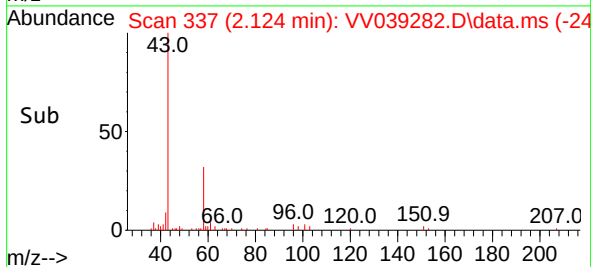
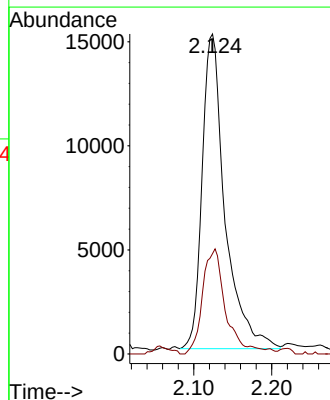
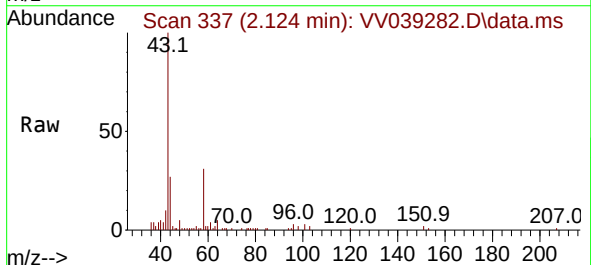
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

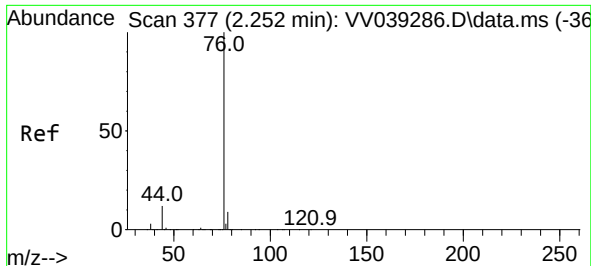
Tgt Ion: 53	Resp: 27594
Ion Ratio	Lower Upper
53 100	
52 79.0	65.0 97.6
51 34.4	27.9 41.9



#16
Acetone
Concen: 7.229 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 43	Resp: 30850
Ion Ratio	Lower Upper
43 100	
58 31.9	27.5 41.3

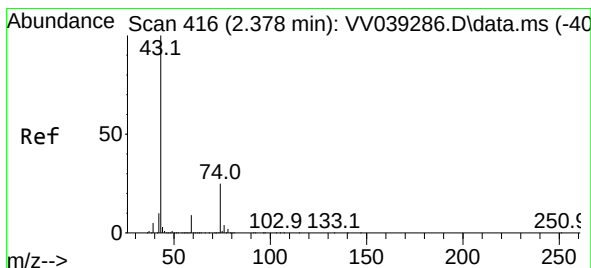
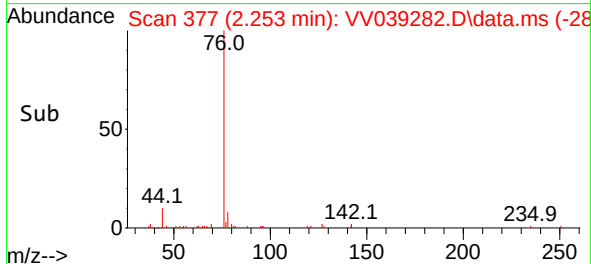
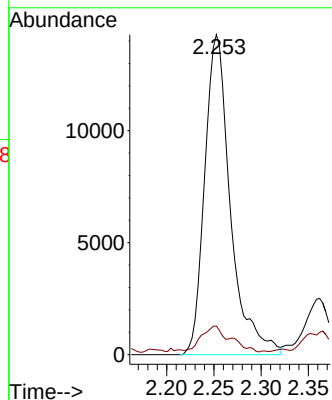
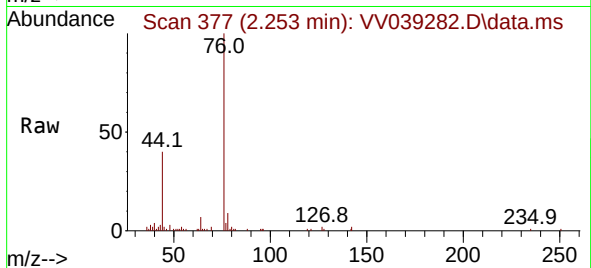




#17
Carbon Disulfide
Concen: 1.345 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

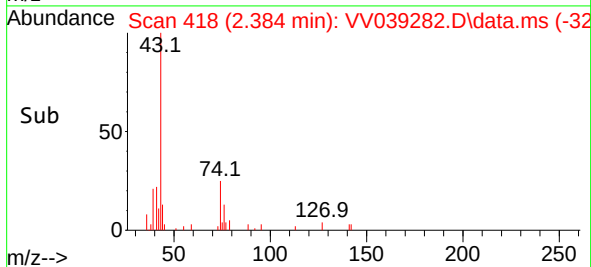
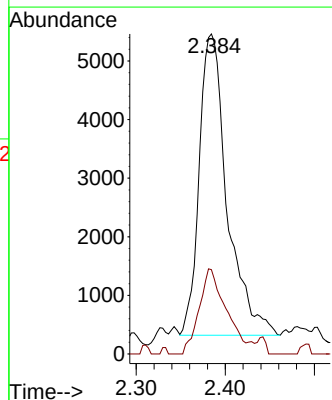
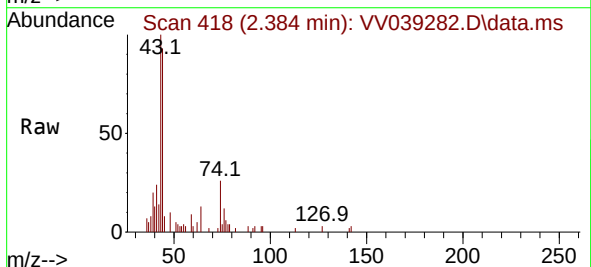
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

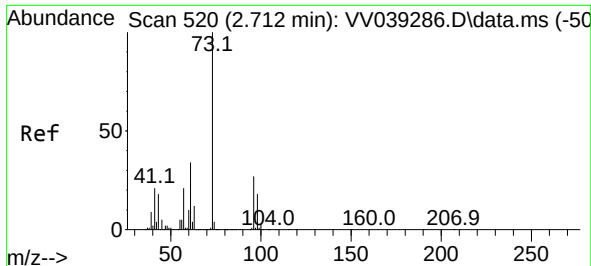
Tgt Ion: 76 Resp: 27022
Ion Ratio Lower Upper
76 100
78 7.4 7.4 11.0



#18
Methyl Acetate
Concen: 1.153 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.007 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 43 Resp: 11207
Ion Ratio Lower Upper
43 100
74 28.1 19.5 29.3

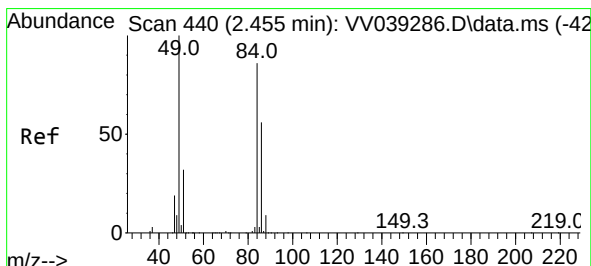
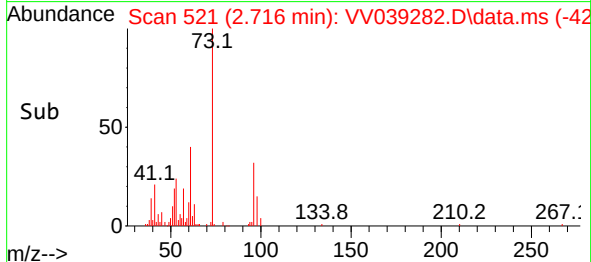
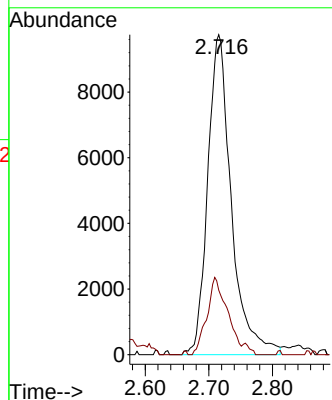
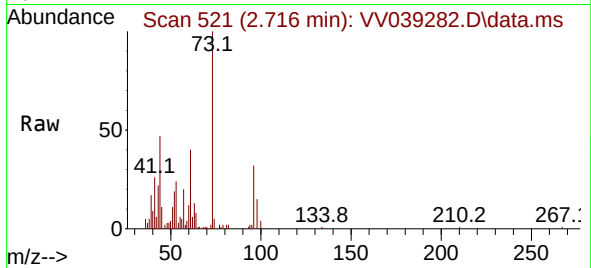




#19
Methyl tert-butyl Ether
Concen: 1.171 ug/l
RT: 2.716 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

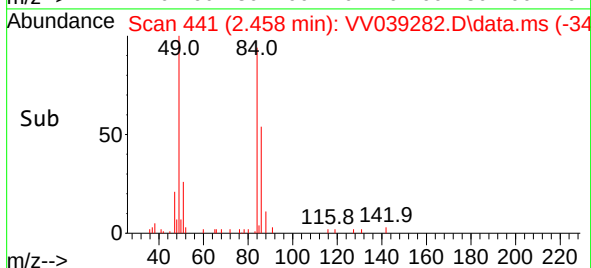
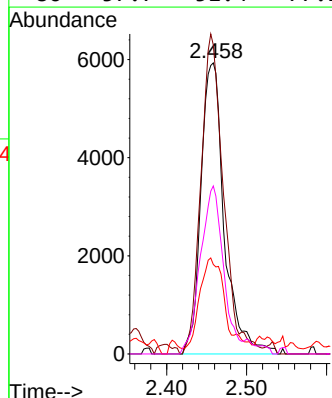
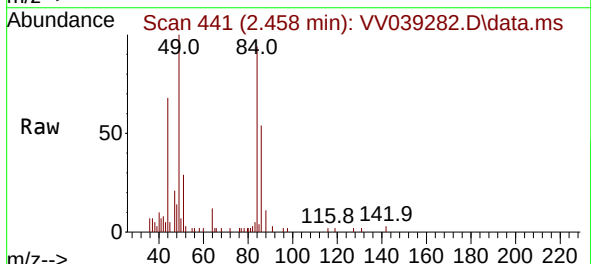
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

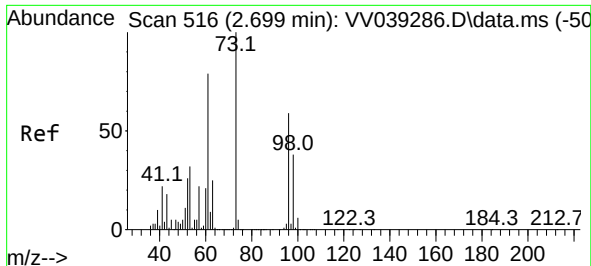
Tgt Ion: 73 Resp: 25085
Ion Ratio Lower Upper
73 100
57 20.1 17.0 25.6



#20
Methylene Chloride
Concen: 1.451 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 84 Resp: 12071
Ion Ratio Lower Upper
84 100
49 106.2 92.6 139.0
51 28.6 29.6 44.4#
86 57.7 51.4 77.2

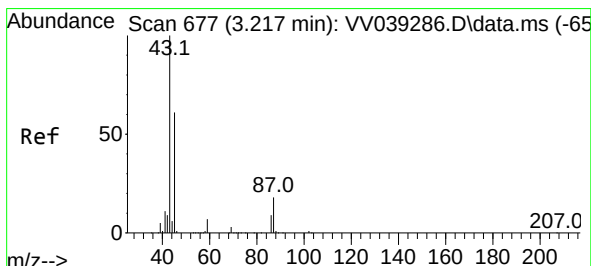
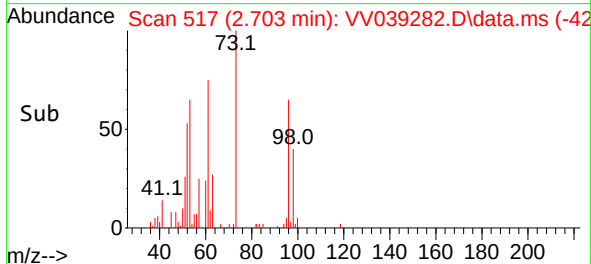
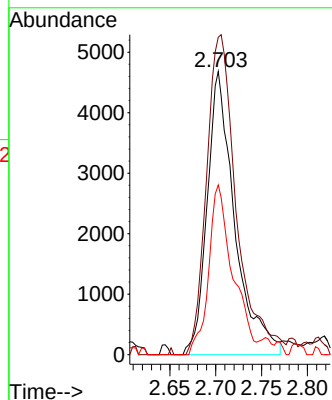
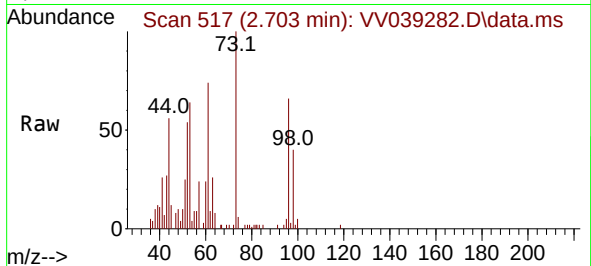




#21
trans-1,2-Dichloroethene
Concen: 1.308 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

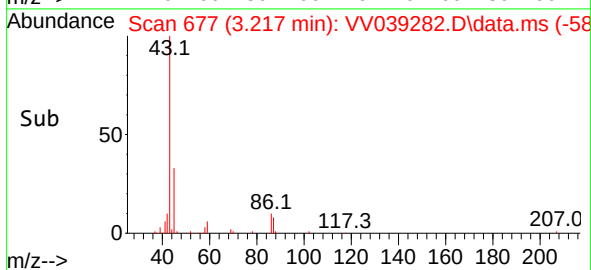
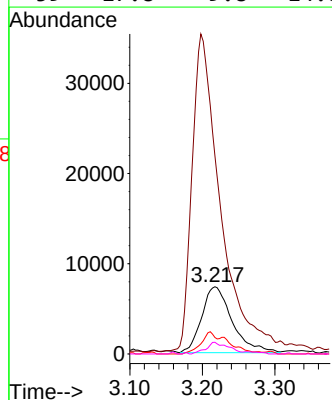
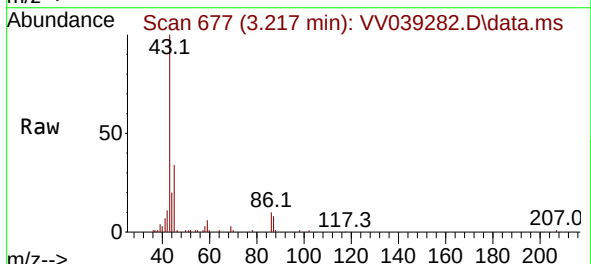
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

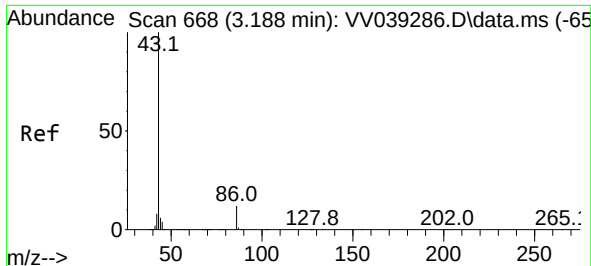
Tgt Ion: 96 Resp: 9802
Ion Ratio Lower Upper
96 100
61 112.1 106.8 160.2
98 59.9 51.1 76.7



#22
Diisopropyl ether
Concen: 1.055 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.000 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 45 Resp: 21362
Ion Ratio Lower Upper
45 100
43 288.1 130.8 196.2#
87 25.1 23.8 35.8
59 17.8 9.8 14.8#

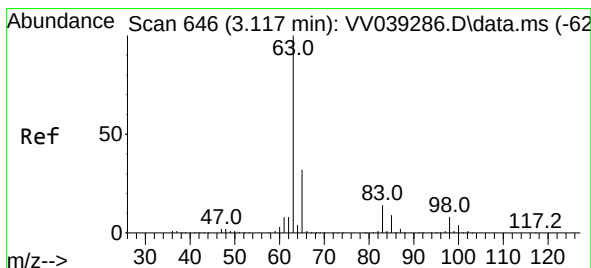
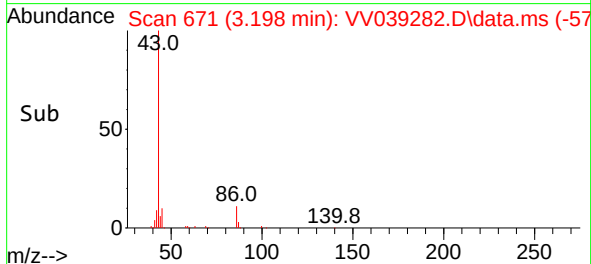
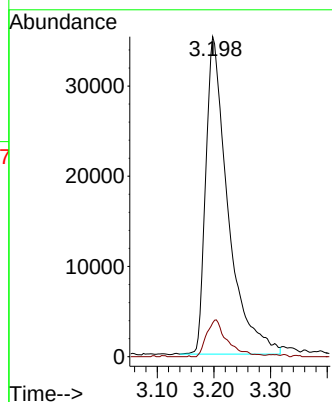
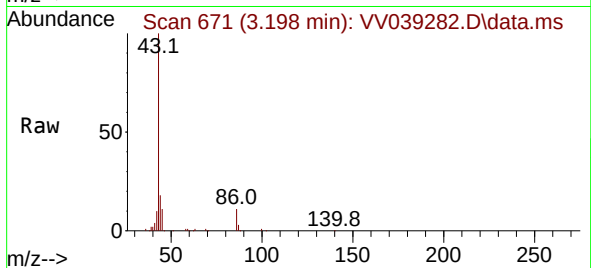




#23
 Vinyl Acetate
 Concen: 5.401 ug/l
 RT: 3.198 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VV039282.D
 Acq: 07 Oct 2025 09:40

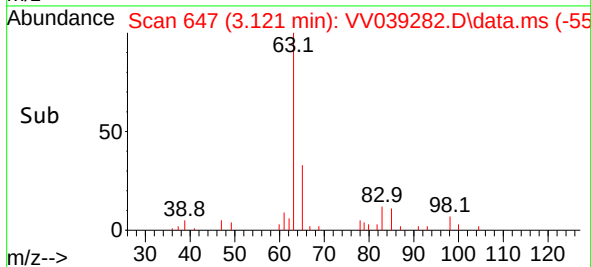
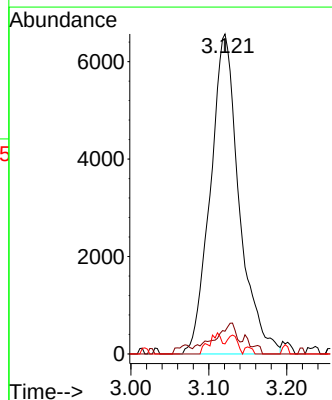
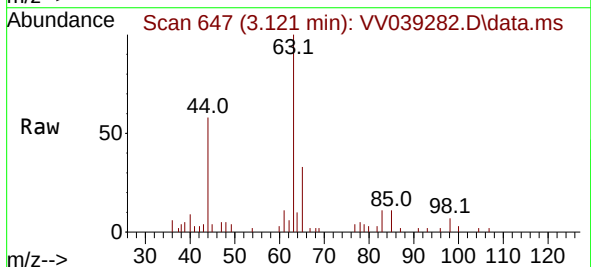
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

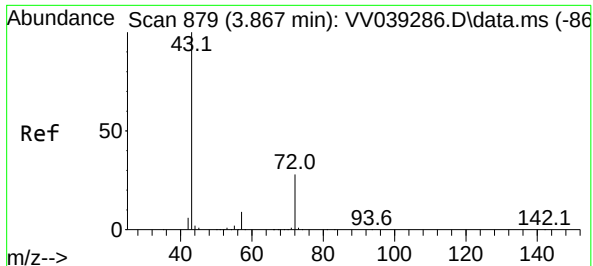
Tgt Ion: 43 Resp: 96018
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 1.244 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV039282.D
 Acq: 07 Oct 2025 09:40

Tgt Ion: 63 Resp: 16873
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 12.0
 100 3.2 2.3 6.8





#25

2-Butanone

Concen: 2.549 ug/l

RT: 3.905 min Scan# 891

Delta R.T. 0.039 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

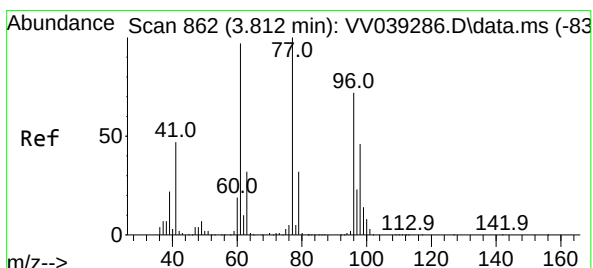
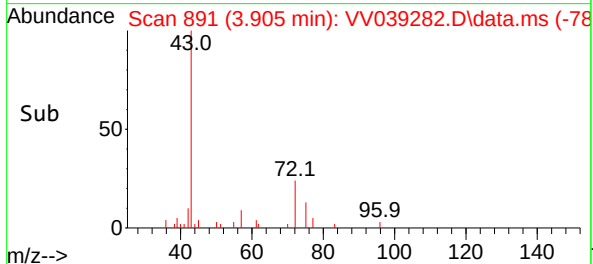
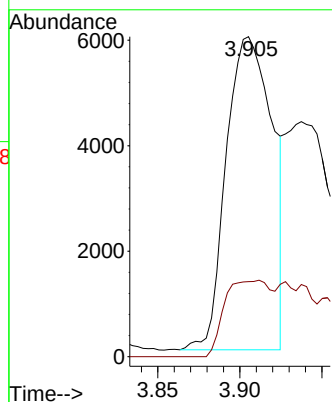
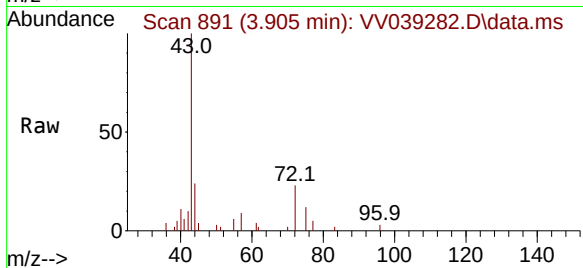
VSTDIC001

Tgt Ion: 43 Resp: 11654

Ion Ratio Lower Upper

43 100

72 24.0 22.6 34.0



#26

2,2-Dichloropropane

Concen: 1.226 ug/l

RT: 3.806 min Scan# 860

Delta R.T. -0.006 min

Lab File: VV039282.D

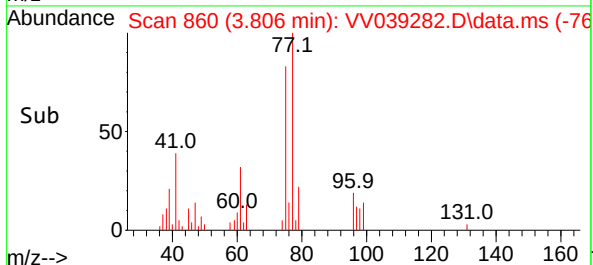
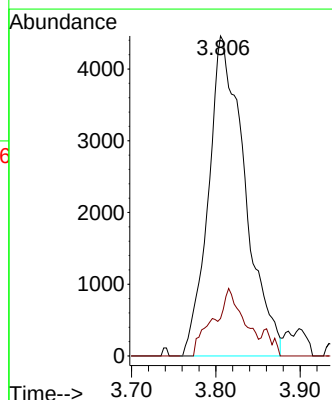
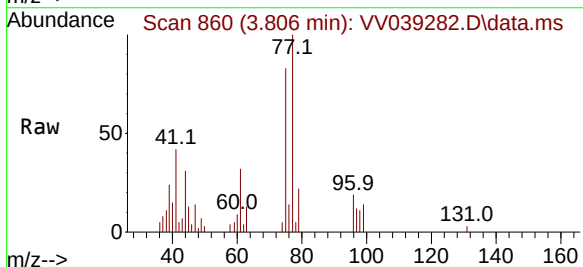
Acq: 07 Oct 2025 09:40

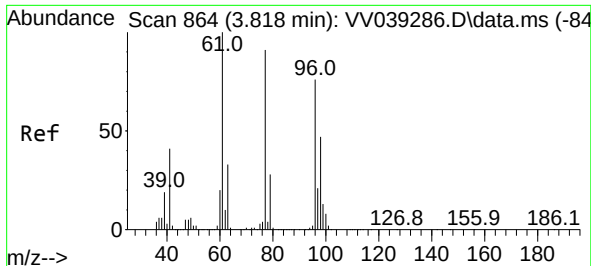
Tgt Ion: 77 Resp: 13393

Ion Ratio Lower Upper

77 100

97 17.5 11.6 34.8

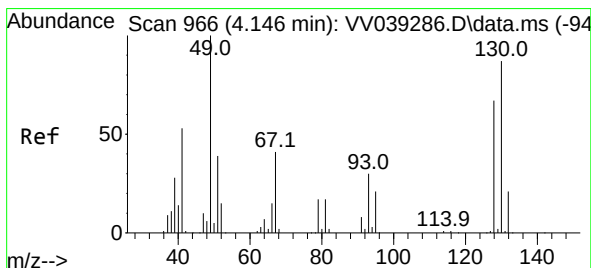
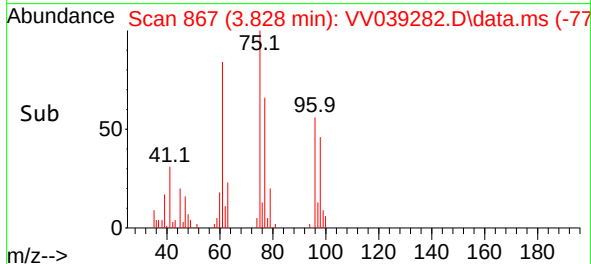
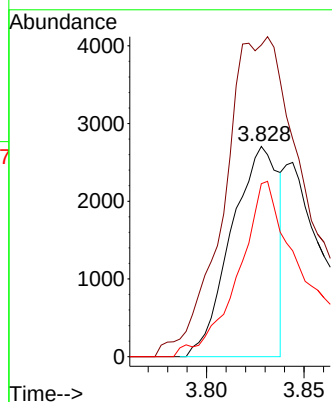
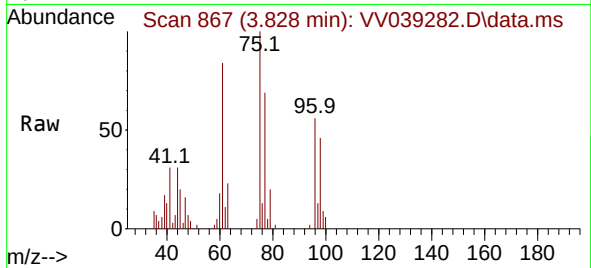




#27
 cis-1,2-Dichloroethene
 Concen: 0.607 ug/l
 RT: 3.828 min Scan# 864
 Delta R.T. 0.010 min
 Lab File: VV039282.D
 Acq: 07 Oct 2025 09:40

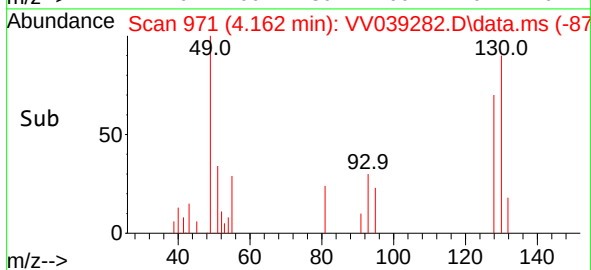
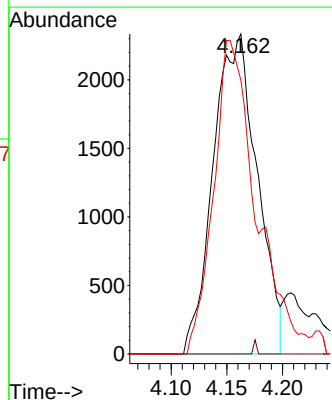
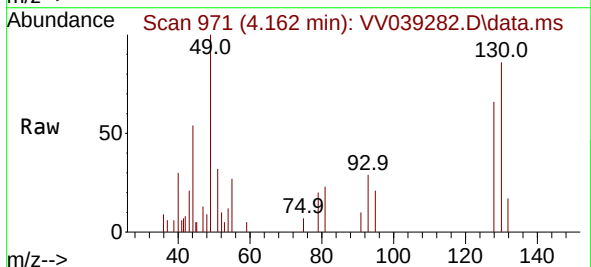
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

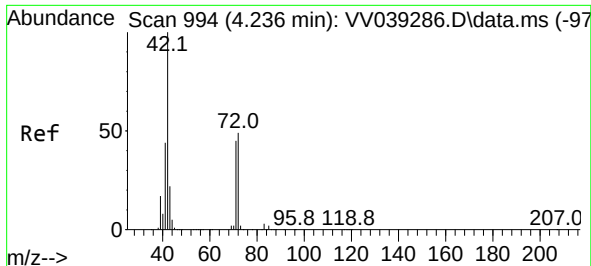
Tgt Ion: 96 Resp: 4553
 Ion Ratio Lower Upper
 96 100
 61 110.3 0.0 275.0
 98 118.0 0.0 127.8



#28
 Bromochloromethane
 Concen: 1.081 ug/l
 RT: 4.162 min Scan# 971
 Delta R.T. 0.016 min
 Lab File: VV039282.D
 Acq: 07 Oct 2025 09:40

Tgt Ion: 49 Resp: 6412
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 95.1 69.5 104.3





#29

Tetrahydrofuran

Concen: 3.808 ug/l

RT: 4.259 min Scan# 1001

Delta R.T. 0.023 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

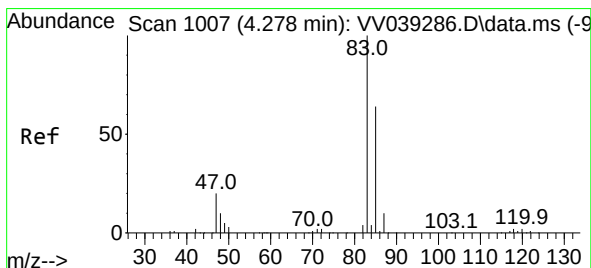
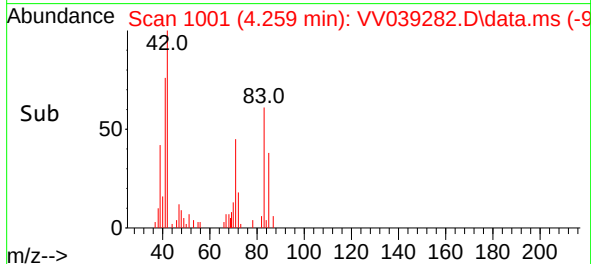
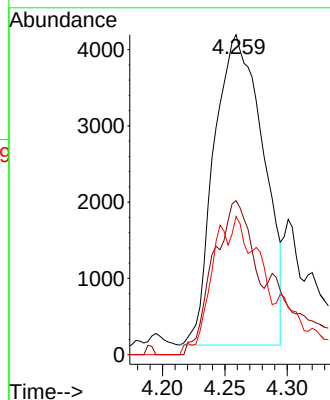
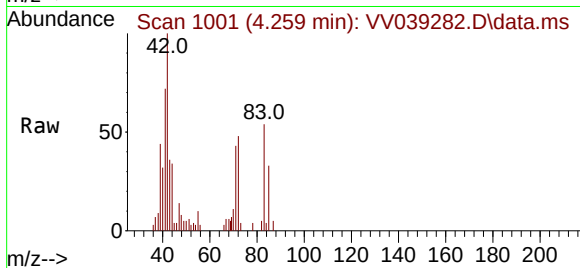
Tgt Ion: 42 Resp: 11162

Ion Ratio Lower Upper

42 100

72 40.9 39.8 59.8

71 16.5 36.5 54.7#



#30

Chloroform

Concen: 1.190 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV039282.D

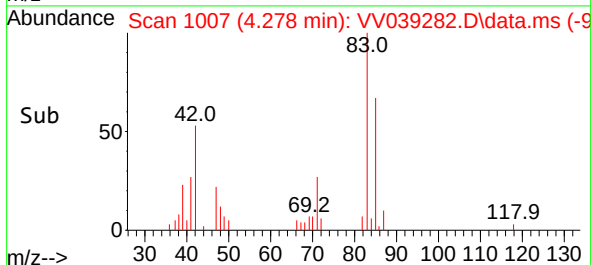
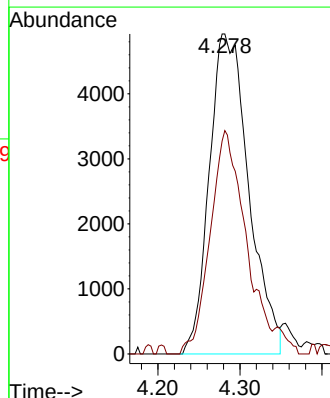
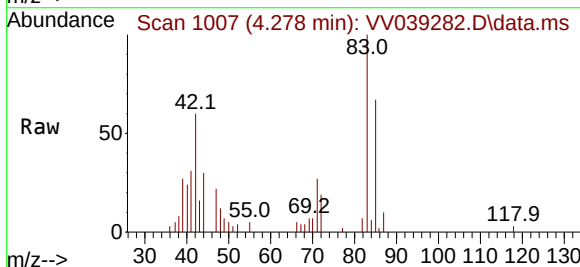
Acq: 07 Oct 2025 09:40

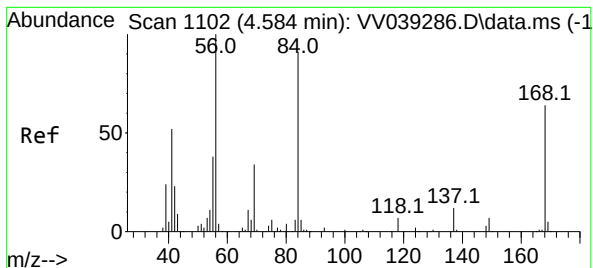
Tgt Ion: 83 Resp: 16465

Ion Ratio Lower Upper

83 100

85 66.6 51.1 76.7





#31

Cyclohexane

Concen: 1.967 ug/l

RT: 4.587 min Scan# 1102

Delta R.T. 0.003 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

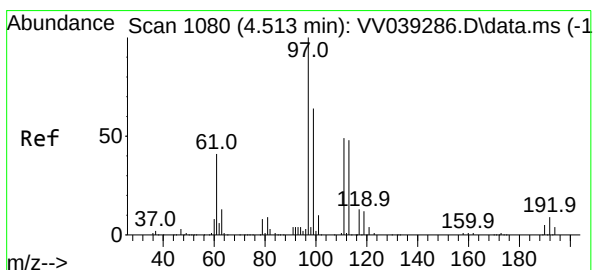
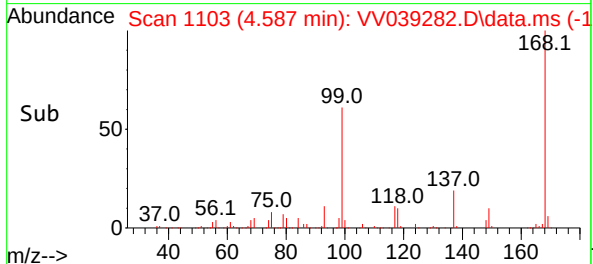
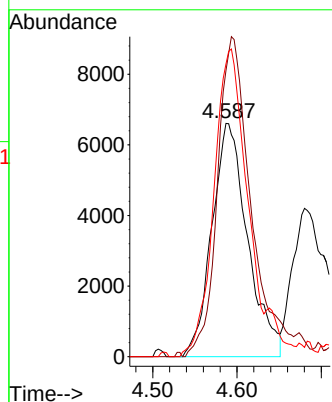
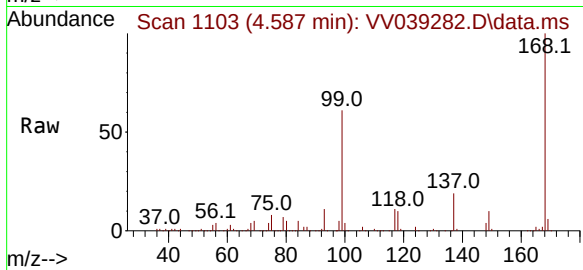
Tgt Ion: 56 Resp: 19435

Ion Ratio Lower Upper

56 100

69 120.8 27.4 41.0#

84 125.4 72.8 109.2#



#32

1,1,1-Trichloroethane

Concen: 1.188 ug/l

RT: 4.519 min Scan# 1082

Delta R.T. 0.007 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

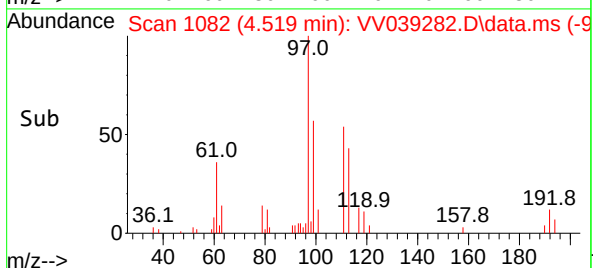
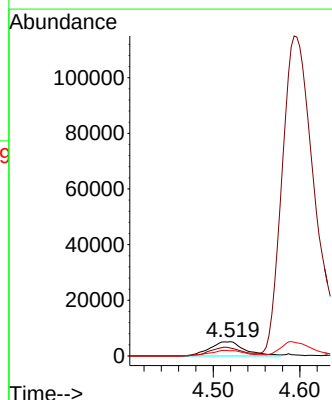
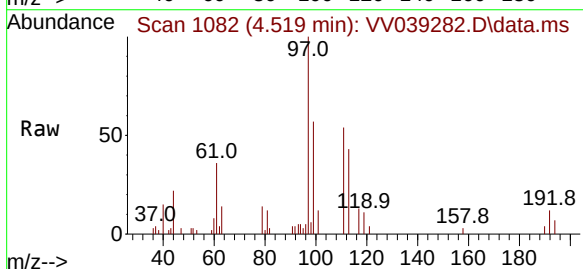
Tgt Ion: 97 Resp: 14370

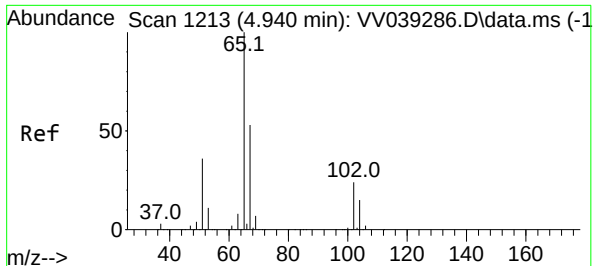
Ion Ratio Lower Upper

97 100

99 0.0 48.6 72.8#

61 39.8 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 1.406 ug/l

RT: 4.960 min Scan# 1213

Delta R.T. 0.019 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

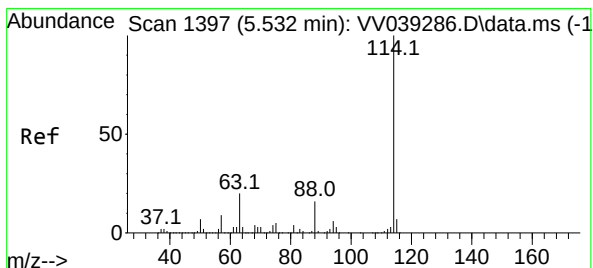
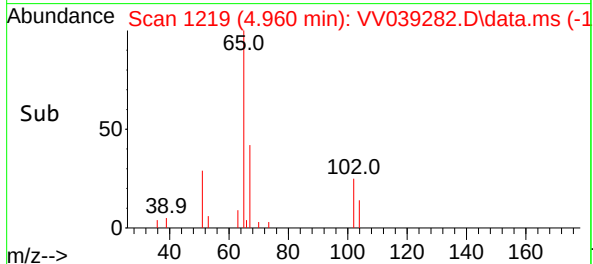
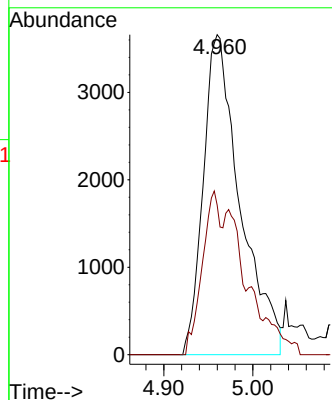
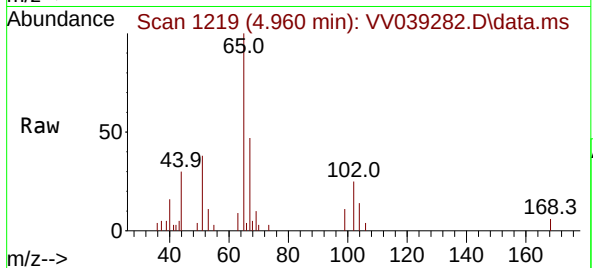
VSTDICC001

Tgt Ion: 65 Resp: 10544

Ion Ratio Lower Upper

65 100

67 26.7 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

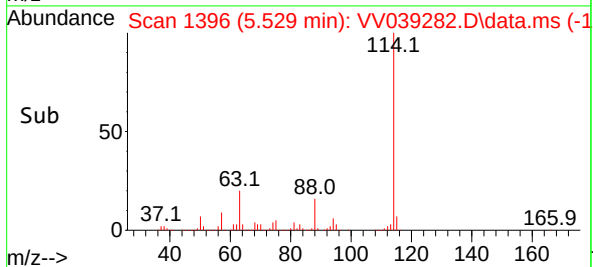
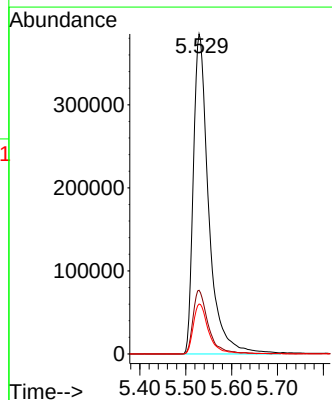
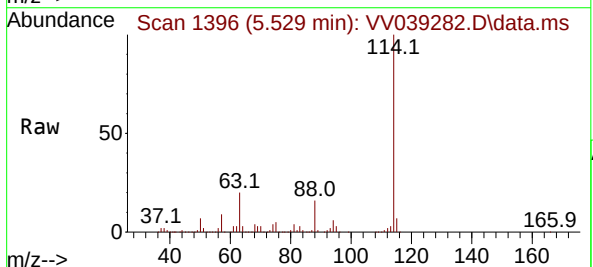
Tgt Ion: 114 Resp: 895274

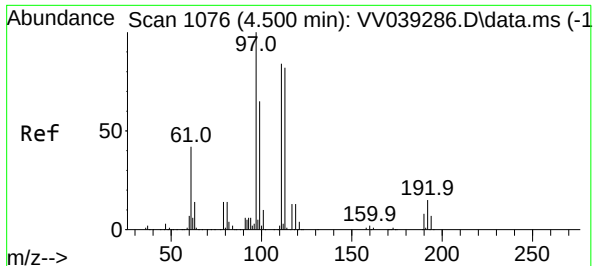
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.6 0.0 31.6

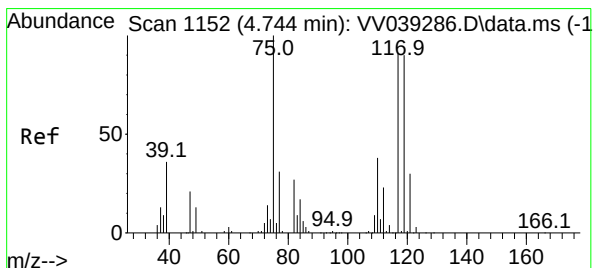
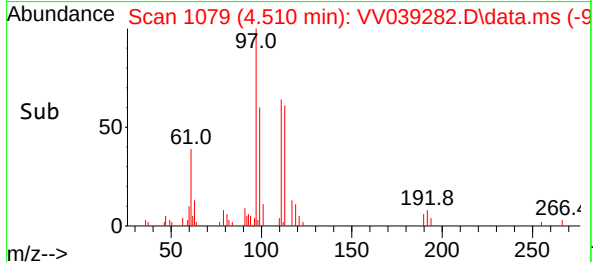
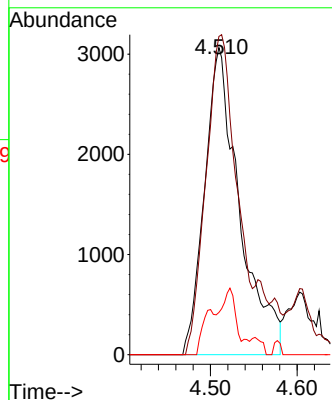
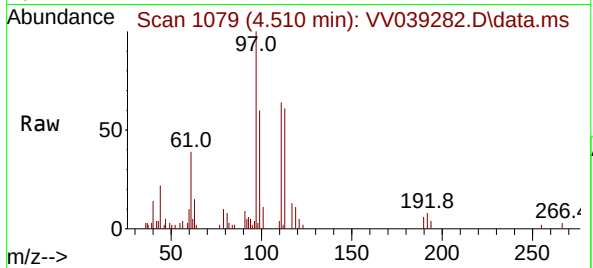




#35
Dibromofluoromethane
Concen: 1.217 ug/l
RT: 4.510 min Scan# 1076
Delta R.T. 0.010 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

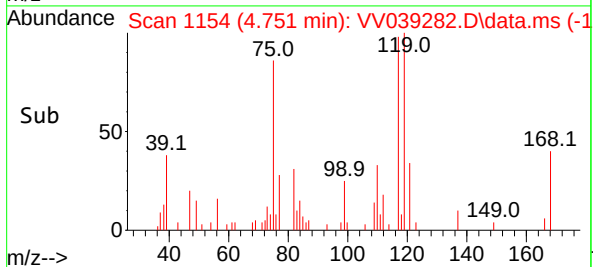
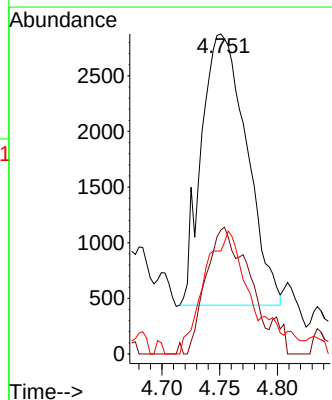
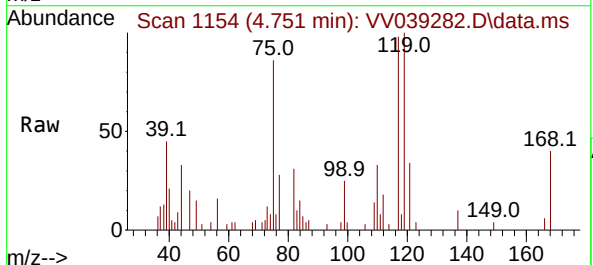
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

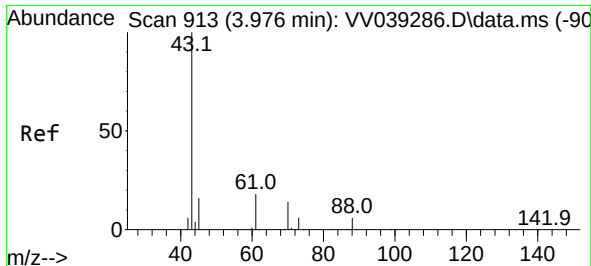
Tgt Ion:113 Resp: 8583
Ion Ratio Lower Upper
113 100
111 90.6 82.0 123.0
192 6.2 14.3 21.5#



#36
1,1-Dichloropropene
Concen: 0.746 ug/l
RT: 4.751 min Scan# 1154
Delta R.T. 0.007 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 75 Resp: 6608
Ion Ratio Lower Upper
75 100
110 43.9 18.9 56.7
77 41.4 24.1 36.1#





#37

Ethyl Acetate

Concen: 1.127 ug/l

RT: 3.905 min Scan# 891

Delta R.T. -0.071 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

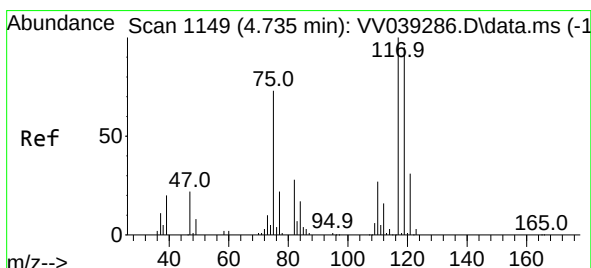
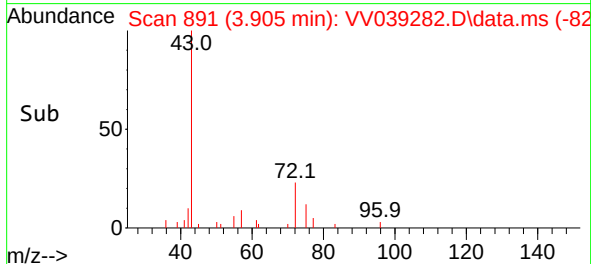
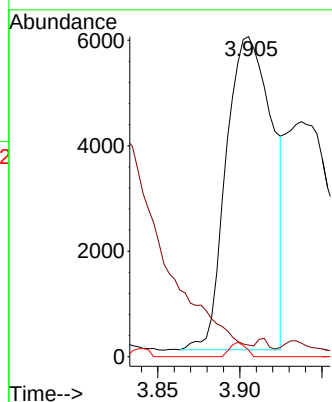
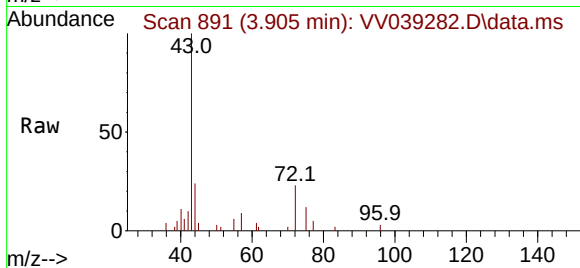
Tgt Ion: 43 Resp: 11654

Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.2#

70 1.6 9.0 13.4#



#38

Carbon Tetrachloride

Concen: 0.978 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

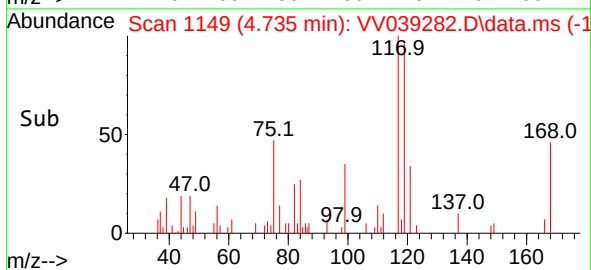
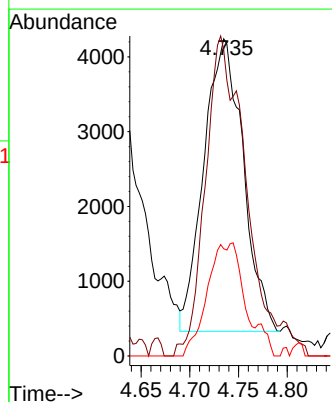
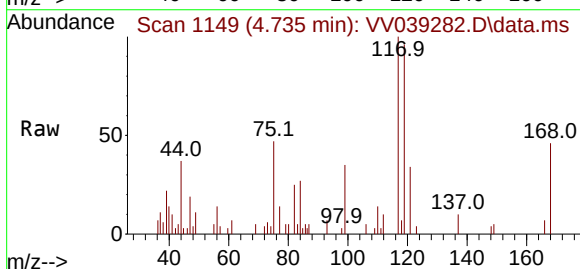
Tgt Ion: 117 Resp: 10983

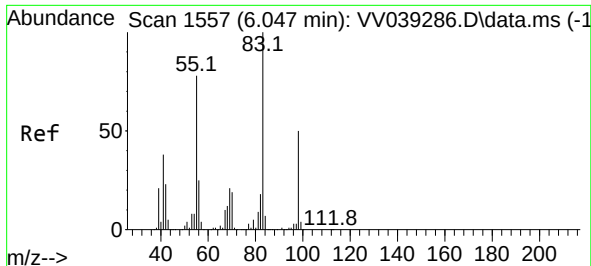
Ion Ratio Lower Upper

117 100

119 100.4 75.9 113.9

121 36.6 24.6 37.0

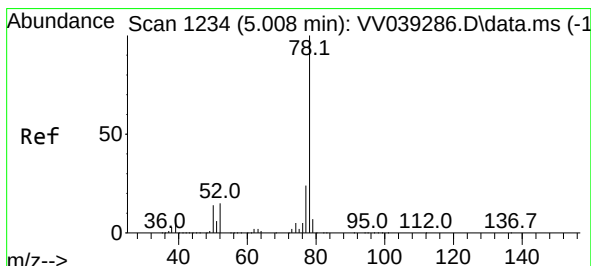
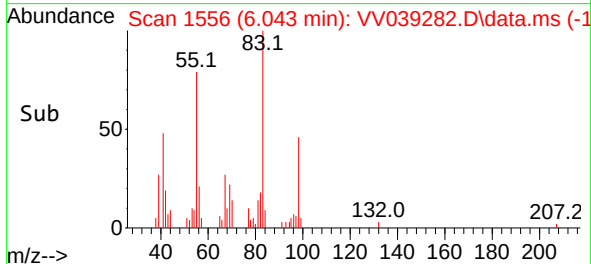
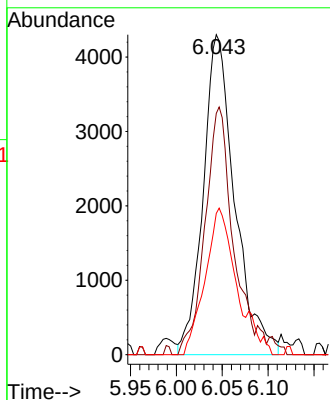
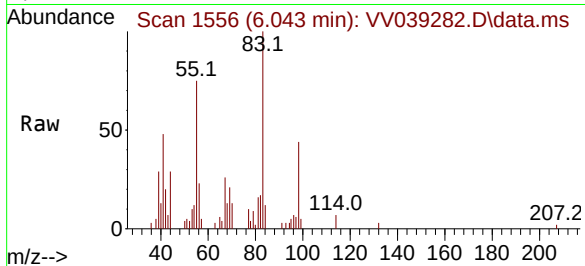




#39
Methylcyclohexane
Concen: 1.016 ug/l
RT: 6.043 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

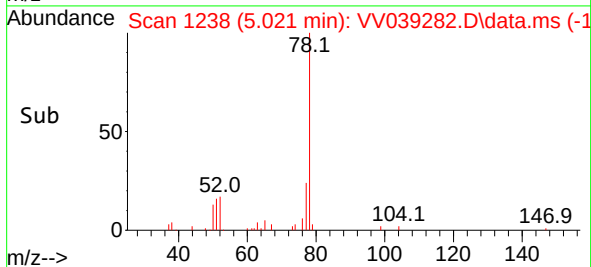
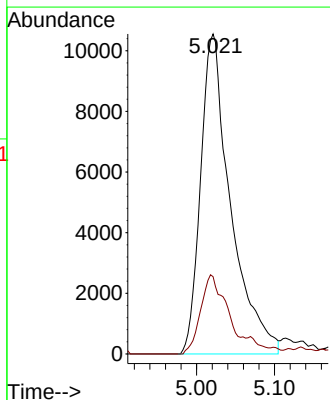
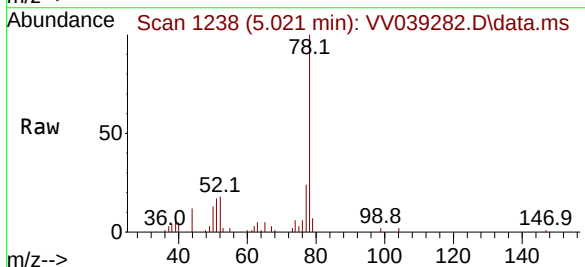
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

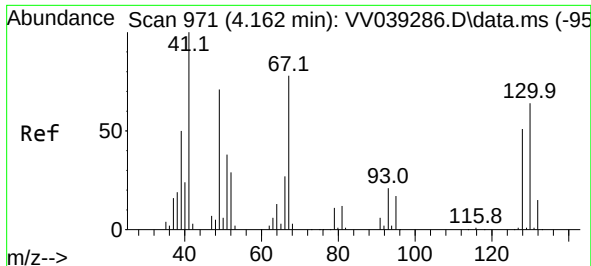
Tgt Ion: 83 Resp: 10292
Ion Ratio Lower Upper
83 100
55 77.8 62.1 93.1
98 45.6 40.2 60.4



#40
Benzene
Concen: 0.995 ug/l
RT: 5.021 min Scan# 1238
Delta R.T. 0.013 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 78 Resp: 28276
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3

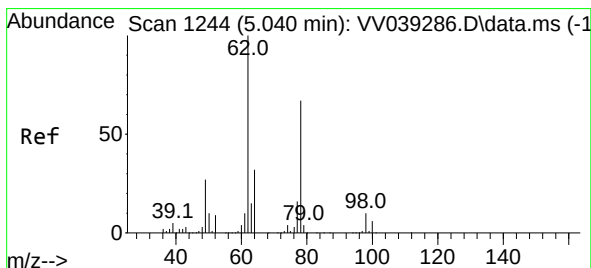
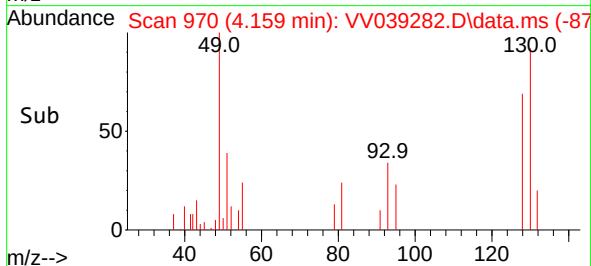
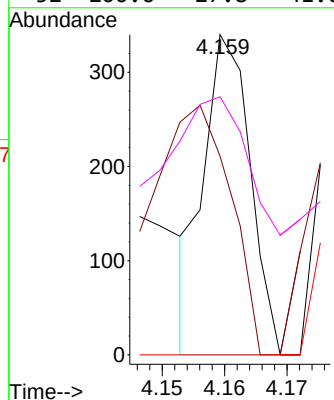
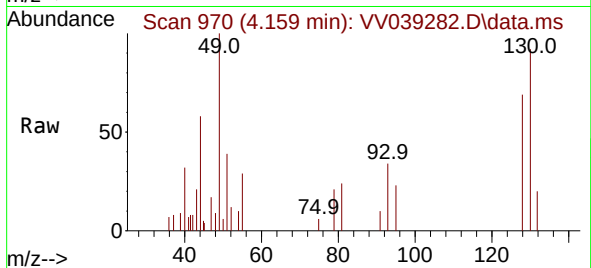




#41
Methacrylonitrile
Concen: 1.729 ug/l
RT: 4.159 min Scan# 91
Delta R.T. -0.003 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

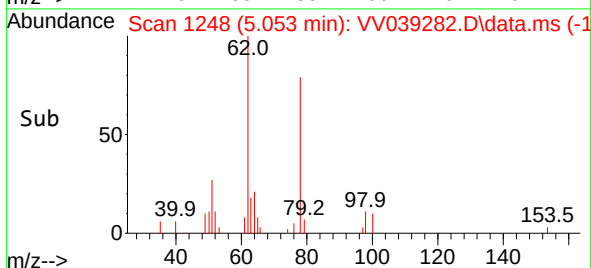
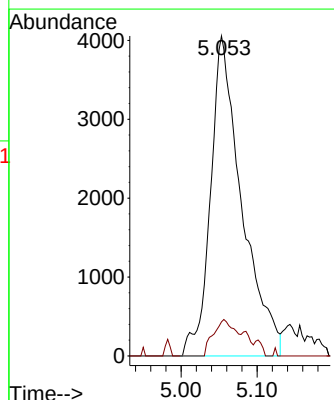
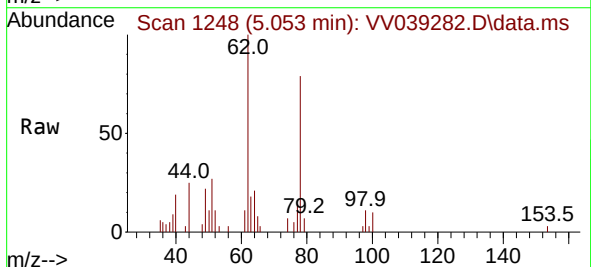
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

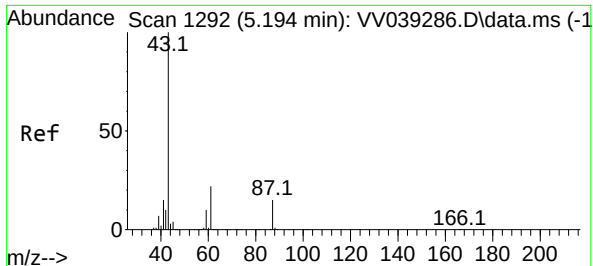
Tgt Ion: 41	Resp: 174
Ion Ratio	Lower Upper
41 100	
39 131.0	40.9 61.3#
67 0.0	73.1 109.7#
52 200.6	27.8 41.6#



#42
1,2-Dichloroethane
Concen: 1.161 ug/l
RT: 5.053 min Scan# 1248
Delta R.T. 0.013 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 62	Resp: 11586
Ion Ratio	Lower Upper
62 100	
98 8.2	0.0 21.0

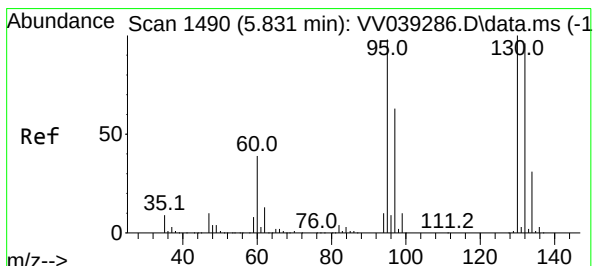
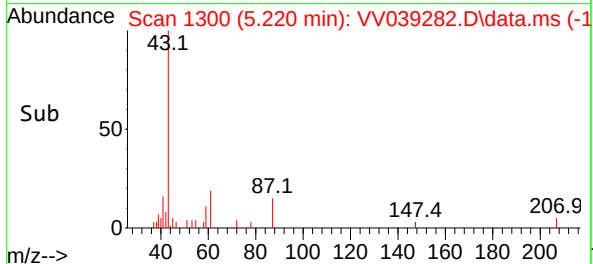
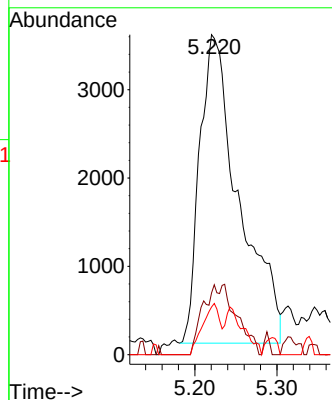
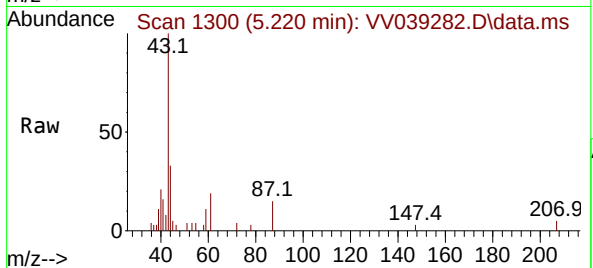




#43
Isopropyl Acetate
Concen: 0.823 ug/l
RT: 5.220 min Scan# 11626
Delta R.T. 0.026 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

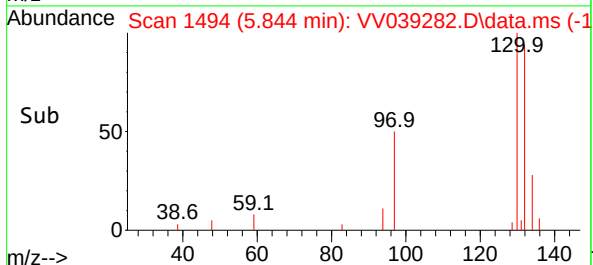
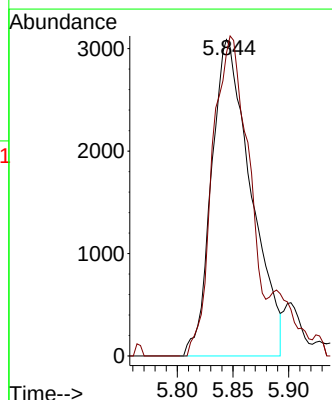
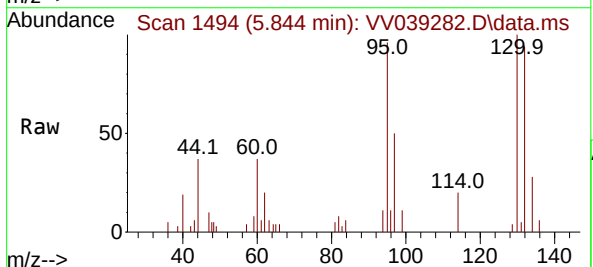
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

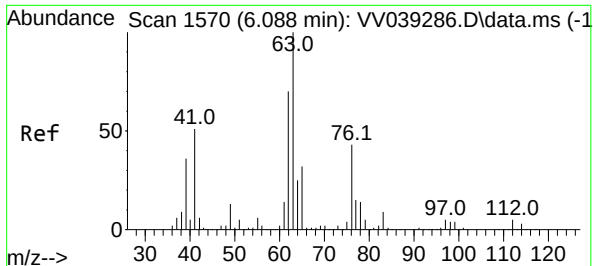
Tgt Ion: 43 Resp: 11626
Ion Ratio Lower Upper
43 100
61 9.8 17.1 25.7#
87 7.2 11.5 17.3#



#44
Trichloroethene
Concen: 1.062 ug/l
RT: 5.844 min Scan# 1494
Delta R.T. 0.013 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 130 Resp: 7590
Ion Ratio Lower Upper
130 100
95 95.7 0.0 196.6





#45

1,2-Dichloropropane

Concen: 1.048 ug/l

RT: 6.108 min Scan# 11

Delta R.T. 0.019 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

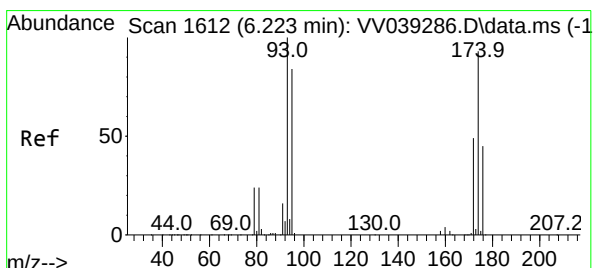
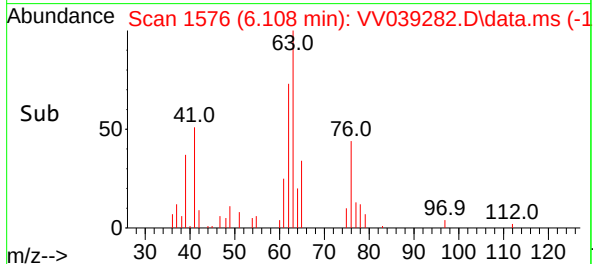
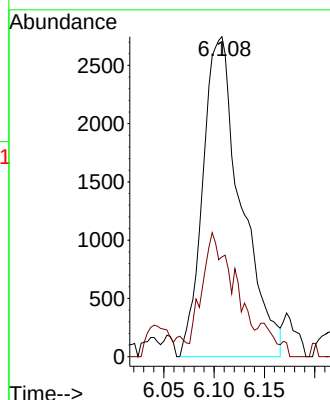
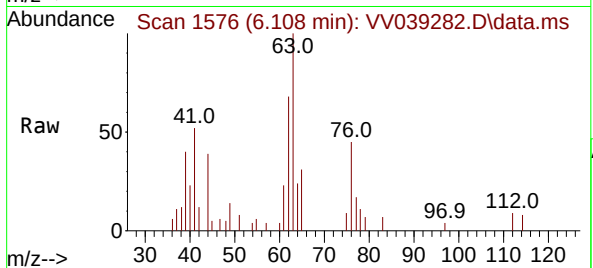
VSTDICC001

Tgt Ion: 63 Resp: 7250

Ion Ratio Lower Upper

63 100

65 27.5 25.4 38.2



#46

Dibromomethane

Concen: 1.112 ug/l

RT: 6.243 min Scan# 1618

Delta R.T. 0.019 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

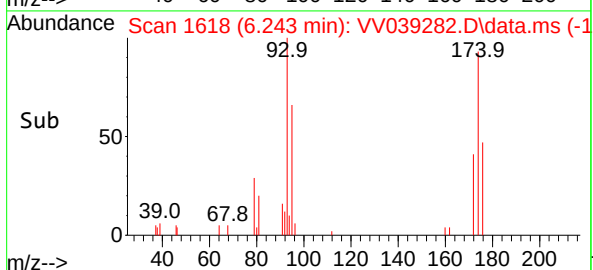
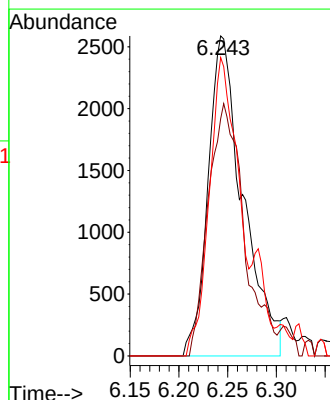
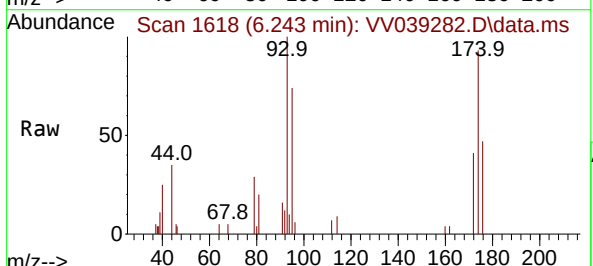
Tgt Ion: 93 Resp: 6432

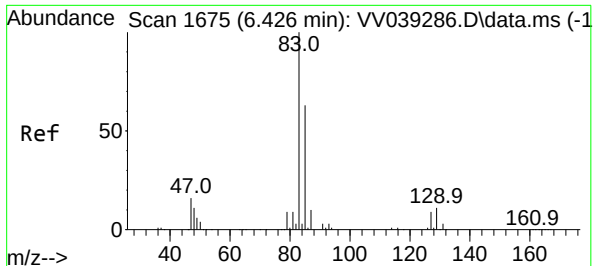
Ion Ratio Lower Upper

93 100

95 81.4 65.6 98.4

174 75.9 74.6 112.0

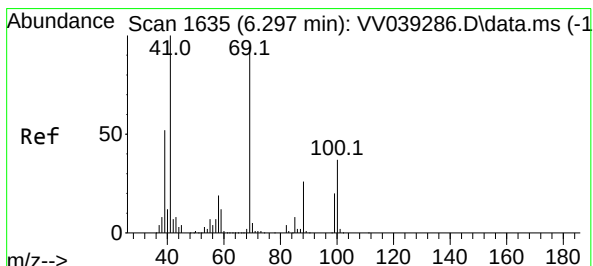
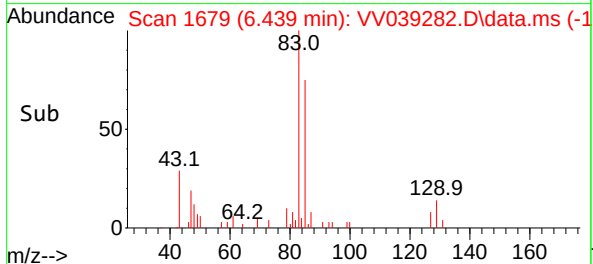
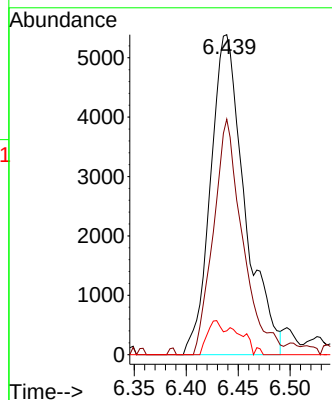
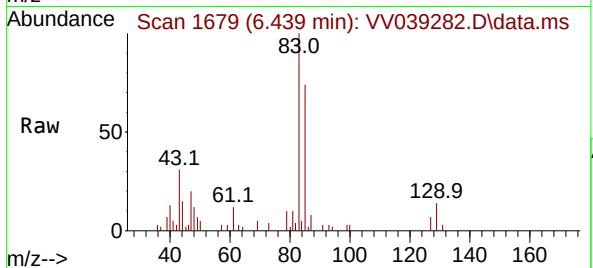




#47
Bromodichloromethane
Concen: 1.079 ug/l
RT: 6.439 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

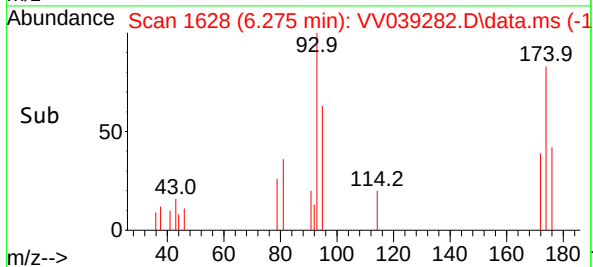
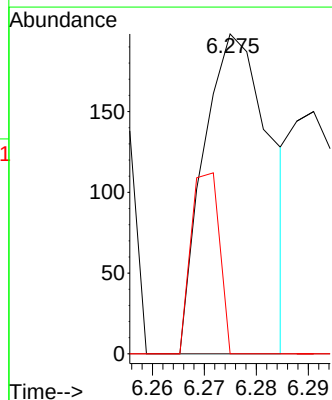
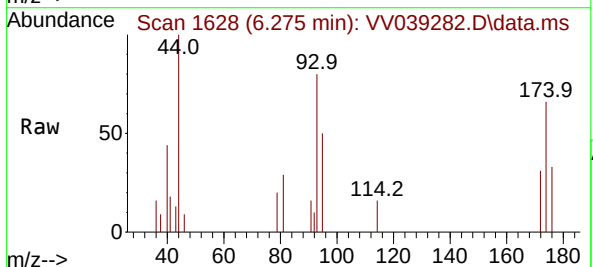
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

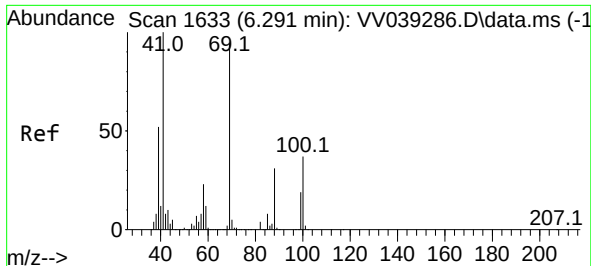
Tgt Ion: 83	Resp:	12294	
Ion Ratio	Lower	Upper	
83	100		
85	73.6	50.9	76.3
127	7.5	7.0	10.6



#48
Methyl methacrylate
Concen: 0.028 ug/l
RT: 6.275 min Scan# 1628
Delta R.T. -0.022 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 41	Resp:	177	
Ion	Ratio	Lower	Upper
41	100		
69	0.0	77.2	115.8#
39	0.0	41.4	62.0#





#49

1,4-Dioxane

Concen: 6.975 ug/l

RT: 6.326 min Scan# 1

Delta R.T. 0.035 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

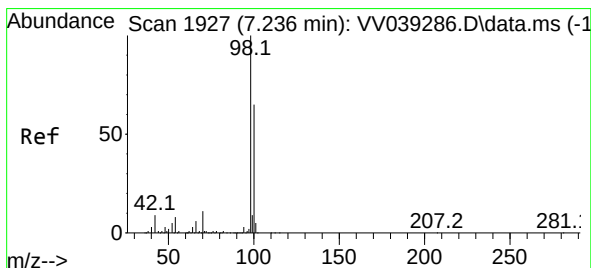
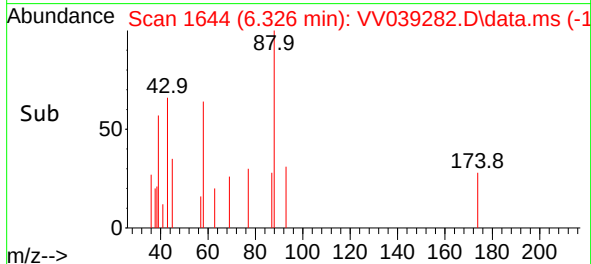
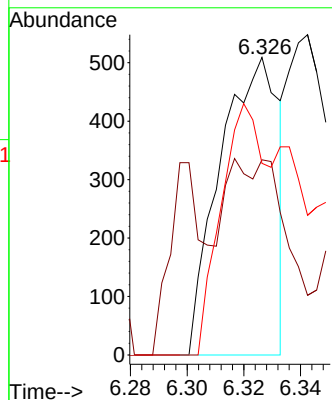
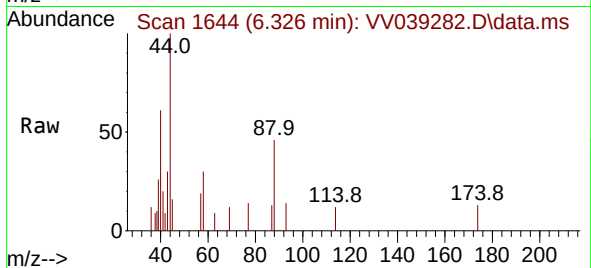
Tgt Ion: 88 Resp: 730

Ion Ratio Lower Upper

88 100

43 13.0 24.1 36.1#

58 66.2 57.6 86.4



#50

Toluene-d8

Concen: 0.816 ug/l

RT: 7.252 min Scan# 1932

Delta R.T. 0.016 min

Lab File: VV039282.D

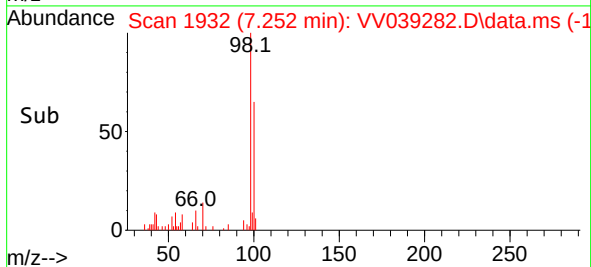
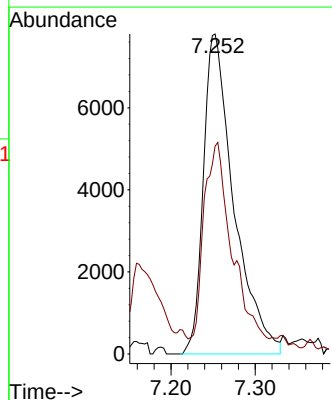
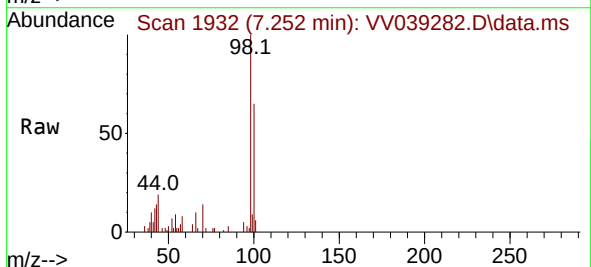
Acq: 07 Oct 2025 09:40

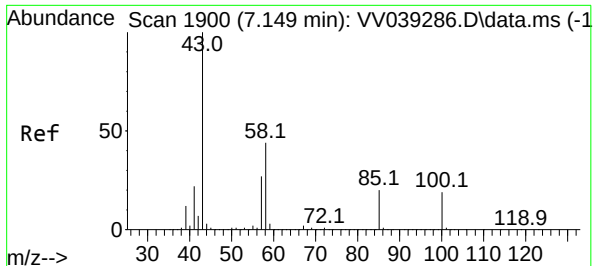
Tgt Ion: 98 Resp: 19594

Ion Ratio Lower Upper

98 100

100 56.8 52.8 79.2

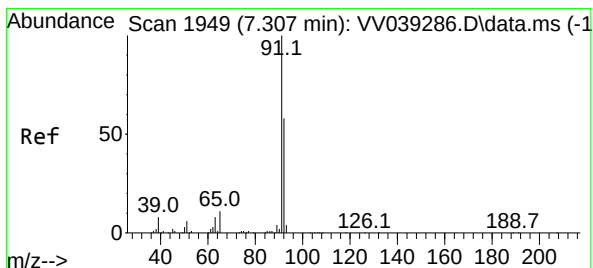
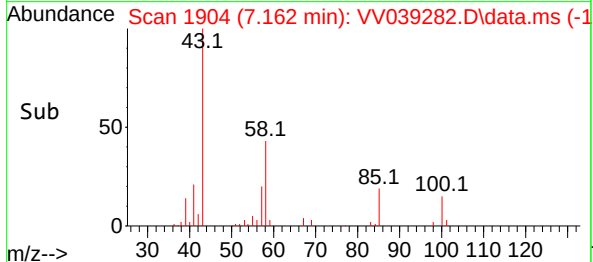
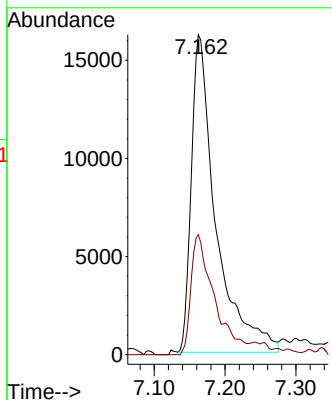
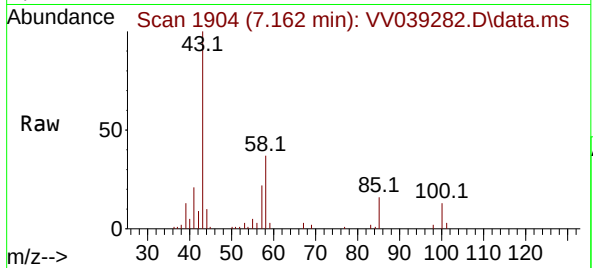




#51
4-Methyl-2-Pentanone
Concen: 4.135 ug/l
RT: 7.162 min Scan# 1904
Delta R.T. 0.013 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

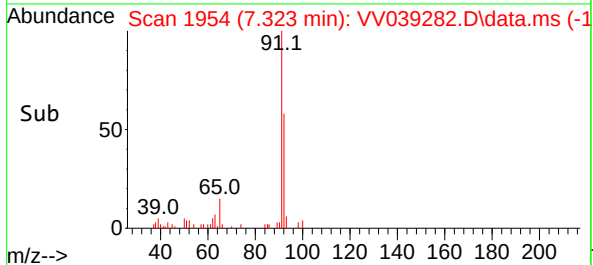
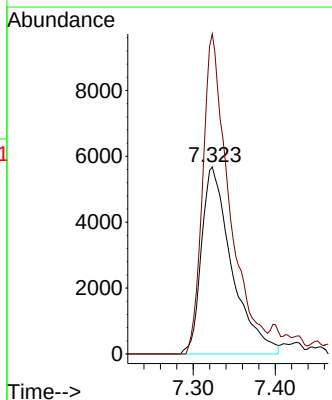
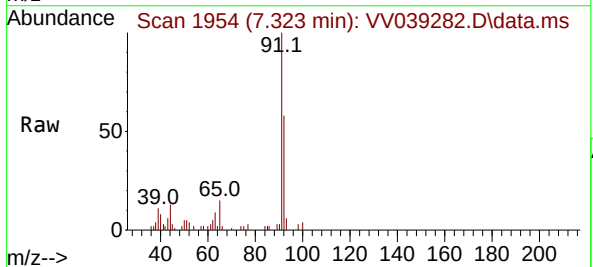
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

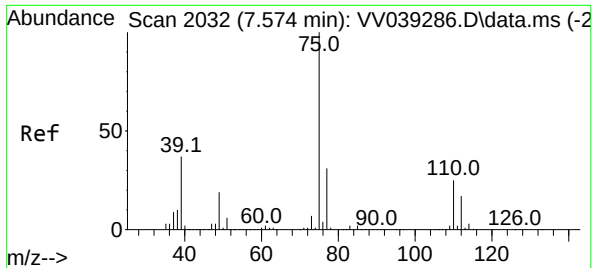
Tgt Ion: 43 Resp: 38959
Ion Ratio Lower Upper
43 100
58 36.0 34.2 51.4



#52
Toluene
Concen: 0.850 ug/l
RT: 7.323 min Scan# 1954
Delta R.T. 0.016 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 92 Resp: 14589
Ion Ratio Lower Upper
92 100
91 150.1 137.3 205.9

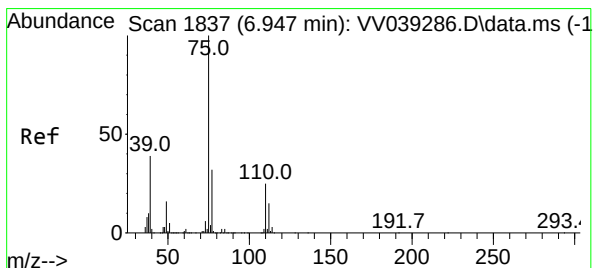
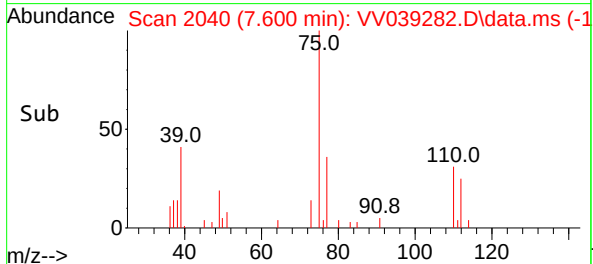
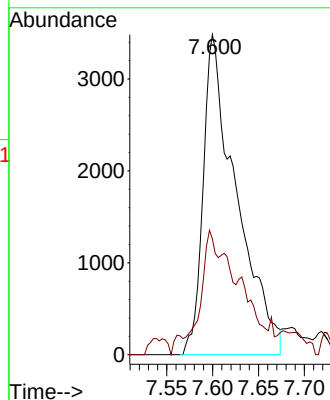
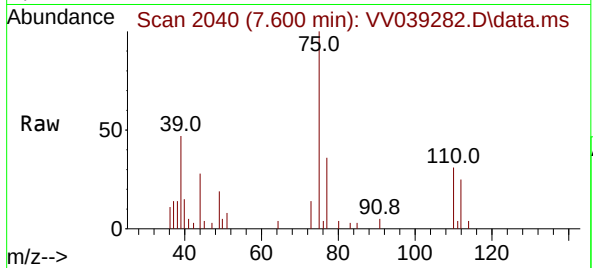




#53
 t-1,3-Dichloropropene
 Concen: 0.880 ug/l
 RT: 7.600 min Scan# 2032
 Delta R.T. 0.026 min
 Lab File: VV039282.D
 Acq: 07 Oct 2025 09:40

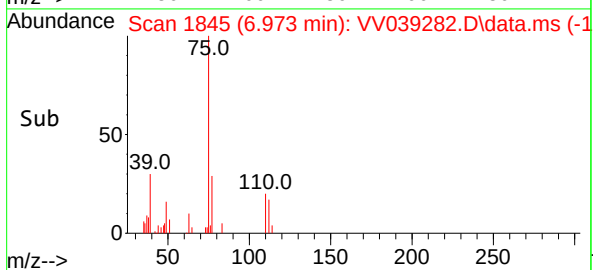
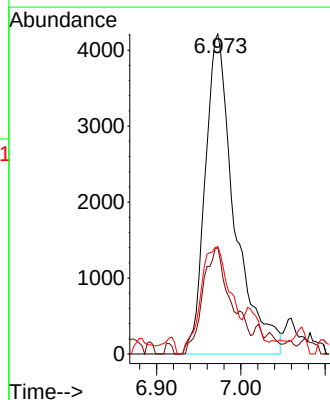
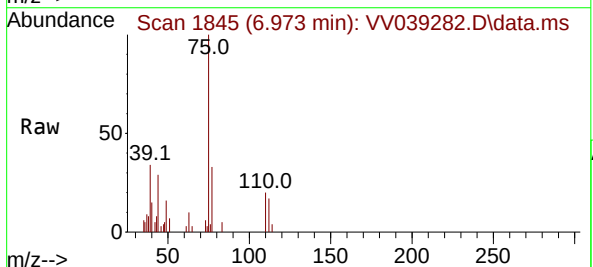
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

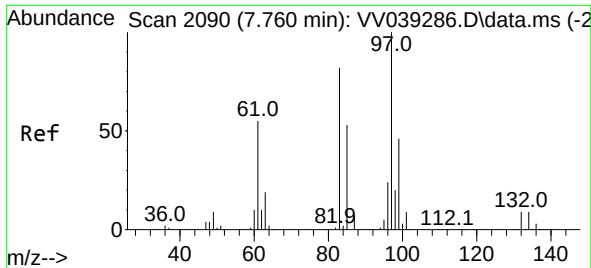
Tgt Ion: 75 Resp: 8766
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 0.922 ug/l
 RT: 6.973 min Scan# 1845
 Delta R.T. 0.026 min
 Lab File: VV039282.D
 Acq: 07 Oct 2025 09:40

Tgt Ion: 75 Resp: 10212
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.6 38.4
 39 33.6 31.0 46.6

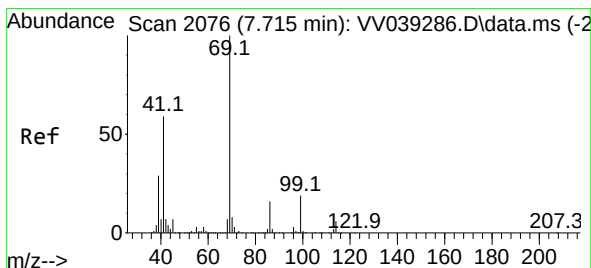
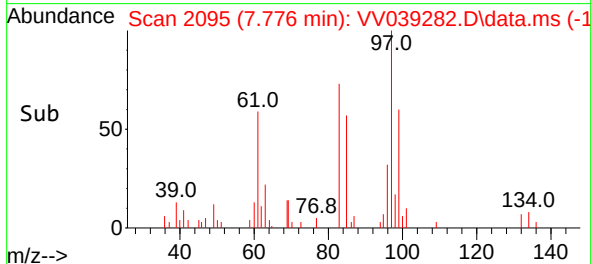
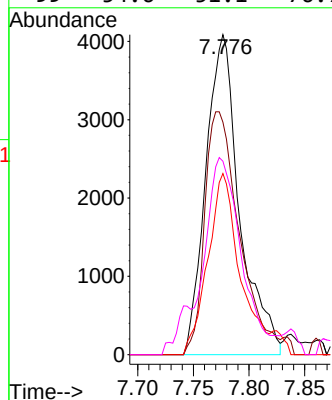
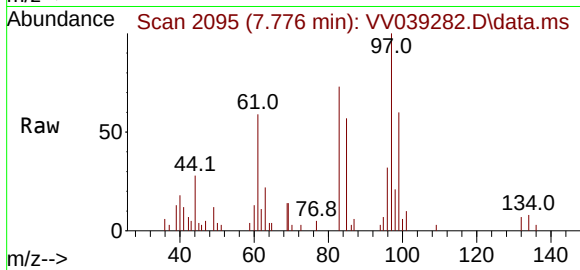




#55
 1,1,2-Trichloroethane
 Concen: 1.113 ug/l
 RT: 7.776 min Scan# 2090
 Delta R.T. 0.016 min
 Lab File: VV039282.D
 Acq: 07 Oct 2025 09:40

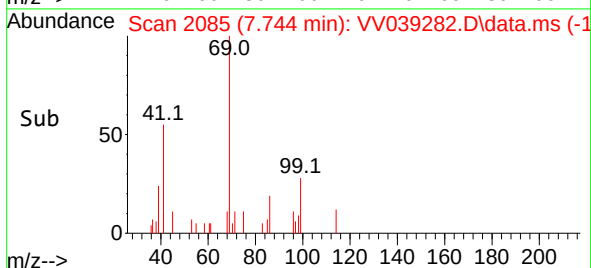
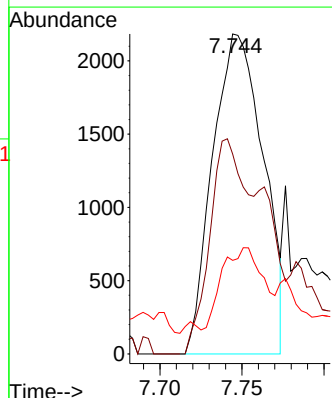
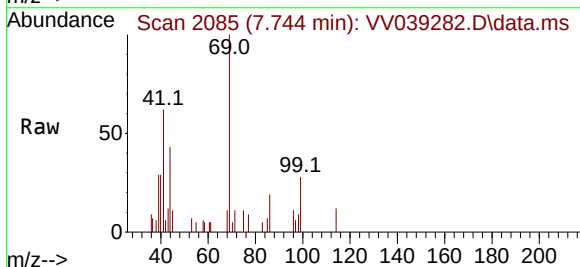
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

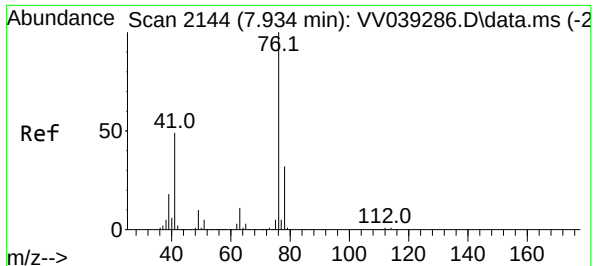
Tgt Ion:	97	Resp:	8628
Ion	Ratio	Lower	Upper
97	100		
83	72.7	65.8	98.8
85	56.6	43.3	64.9
99	54.6	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 0.541 ug/l
 RT: 7.744 min Scan# 2085
 Delta R.T. 0.029 min
 Lab File: VV039282.D
 Acq: 07 Oct 2025 09:40

Tgt Ion:	69	Resp:	4686
Ion	Ratio	Lower	Upper
69	100		
41	50.7	47.1	70.7
39	21.0	23.2	34.8

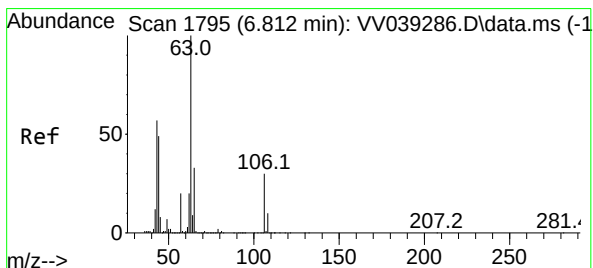
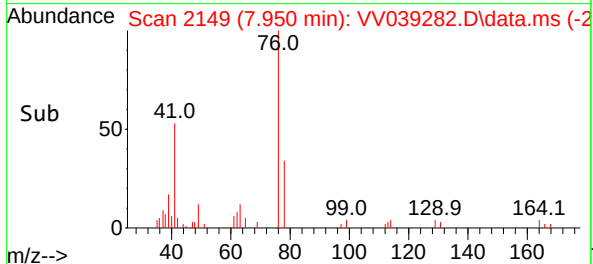
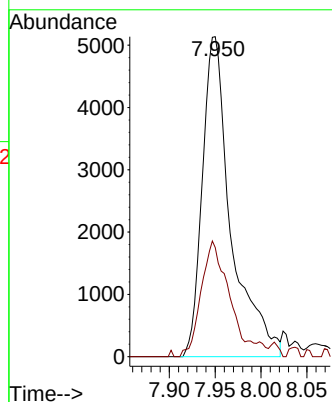
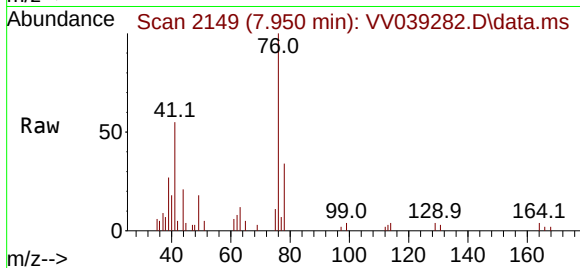




#57
1,3-Dichloropropane
Concen: 0.957 ug/l
RT: 7.950 min Scan# 2144
Delta R.T. 0.016 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

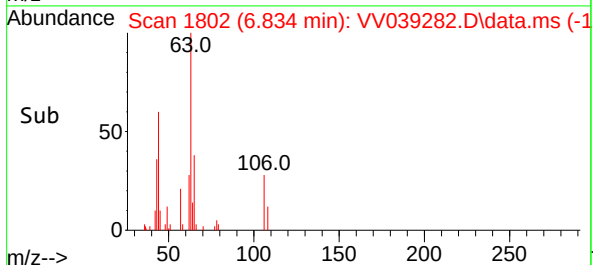
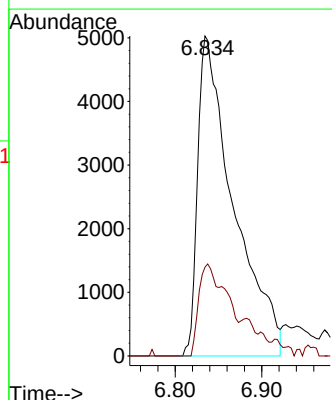
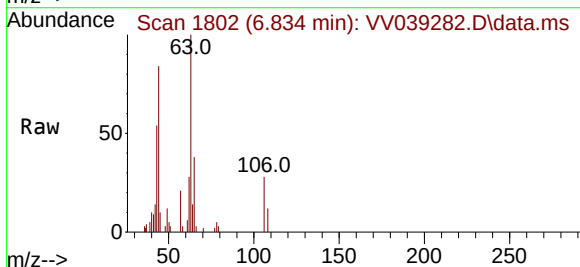
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

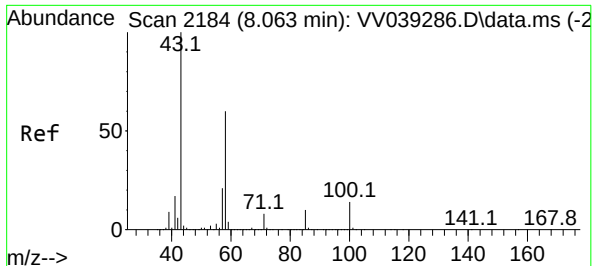
Tgt Ion: 76 Resp: 11189
Ion Ratio Lower Upper
76 100
78 36.8 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 10.957 ug/l
RT: 6.834 min Scan# 1802
Delta R.T. 0.023 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 63 Resp: 14435
Ion Ratio Lower Upper
63 100
106 22.4 23.5 35.3#





#59

2-Hexanone

Concen: 3.431 ug/l

RT: 8.085 min Scan# 2184

Delta R.T. 0.023 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

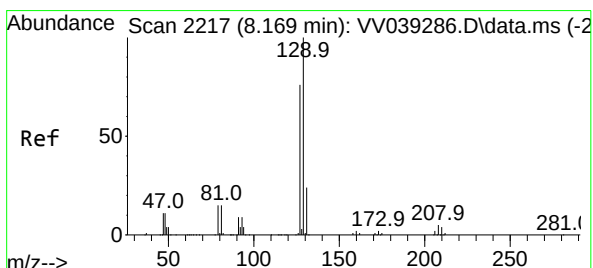
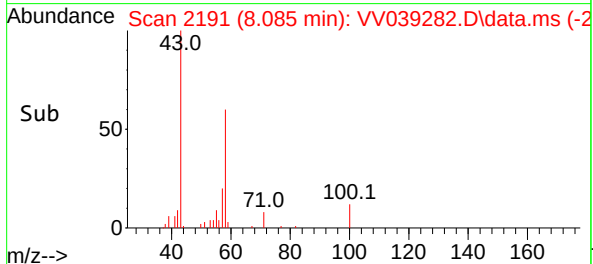
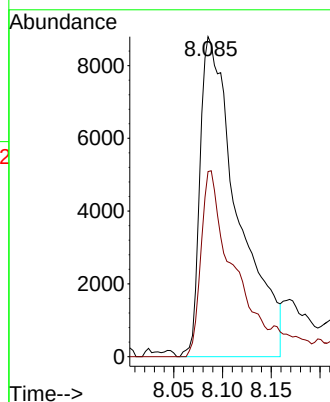
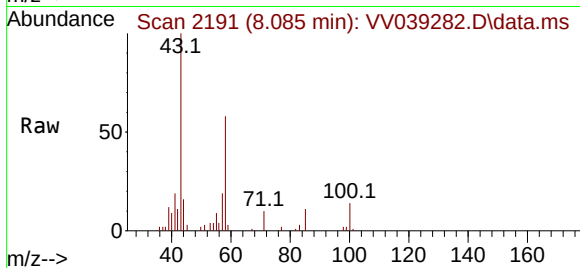
VSTDIC001

Tgt Ion: 43 Resp: 23733

Ion Ratio Lower Upper

43 100

58 48.5 29.6 88.9



#60

Dibromochloromethane

Concen: 1.069 ug/l

RT: 8.175 min Scan# 2219

Delta R.T. 0.007 min

Lab File: VV039282.D

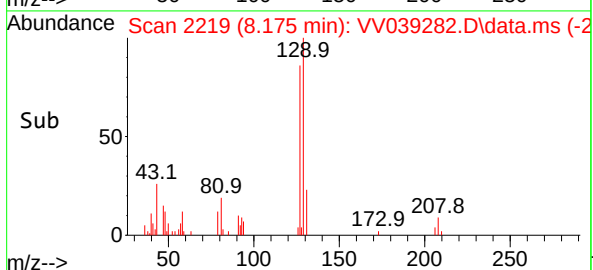
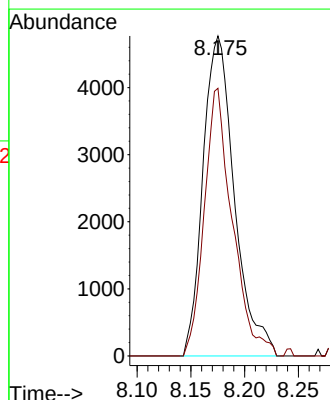
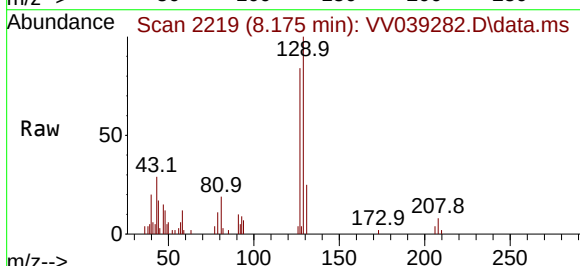
Acq: 07 Oct 2025 09:40

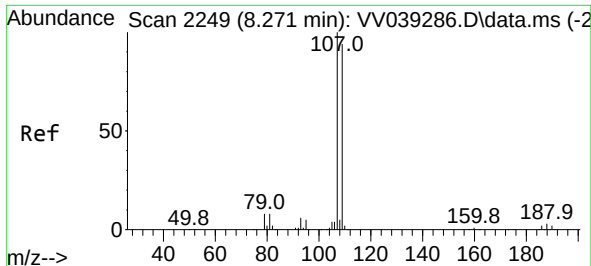
Tgt Ion:129 Resp: 9684

Ion Ratio Lower Upper

129 100

127 74.9 38.4 115.1





#61

1,2-Dibromoethane

Concen: 0.992 ug/l

RT: 8.288 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

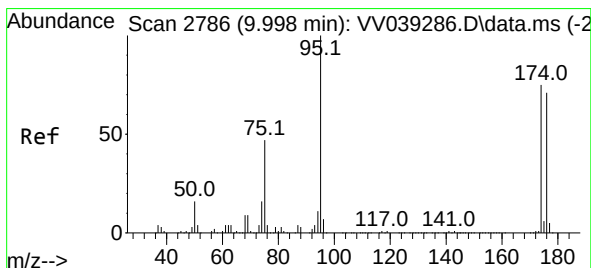
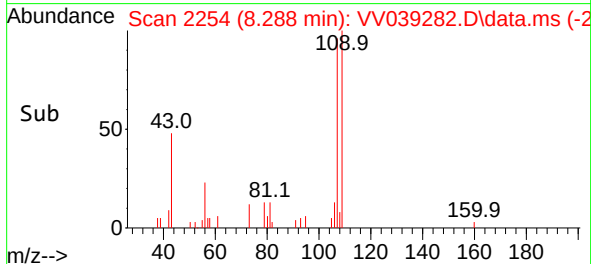
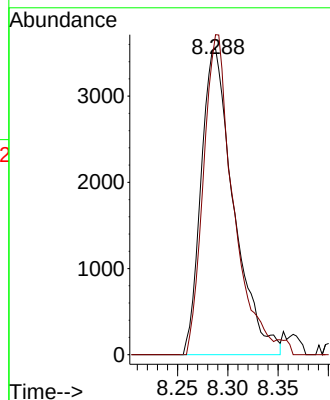
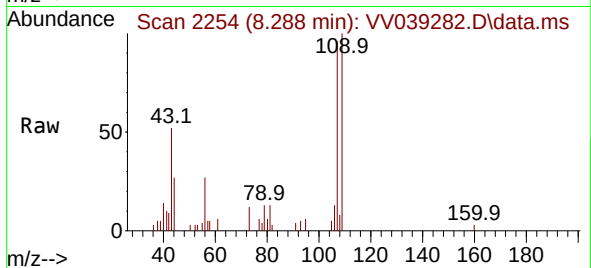
VSTDICC001

Tgt Ion:107 Resp: 8007

Ion Ratio Lower Upper

107 100

109 95.1 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 0.830 ug/l

RT: 10.014 min Scan# 2791

Delta R.T. 0.016 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

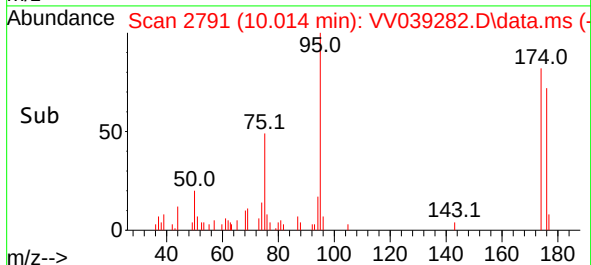
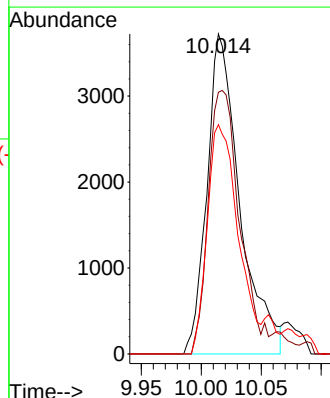
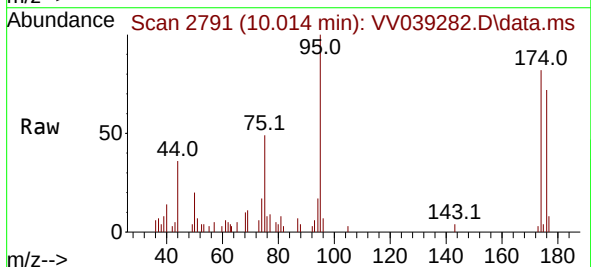
Tgt Ion: 95 Resp: 7090

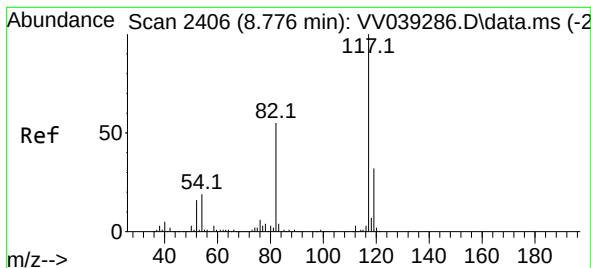
Ion Ratio Lower Upper

95 100

174 79.7 0.0 153.6

176 67.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2406

Delta R.T. -0.003 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

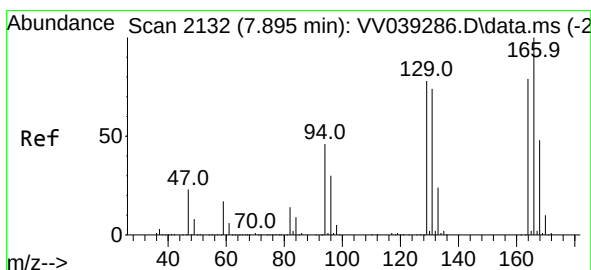
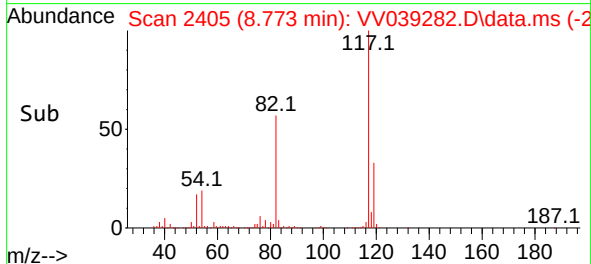
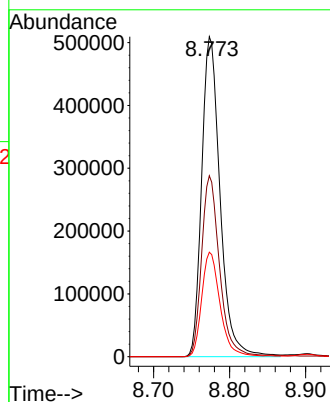
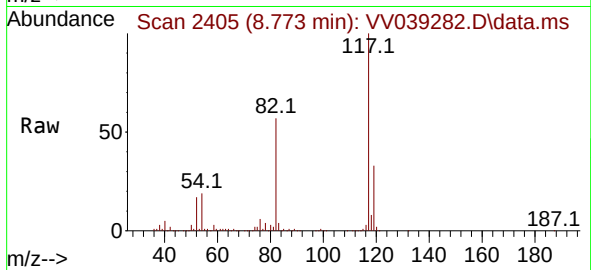
Tgt Ion:117 Resp: 857185

Ion Ratio Lower Upper

117 100

82 56.5 43.8 65.8

119 32.7 25.8 38.6



#64

Tetrachloroethene

Concen: 1.069 ug/l

RT: 7.902 min Scan# 2134

Delta R.T. 0.007 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Tgt Ion:164 Resp: 6686

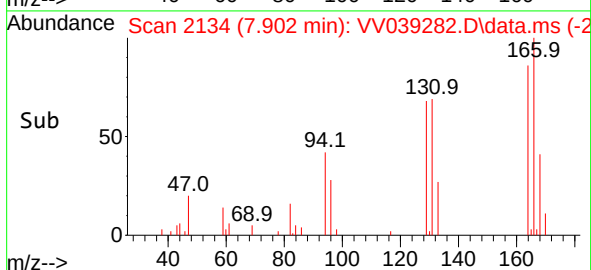
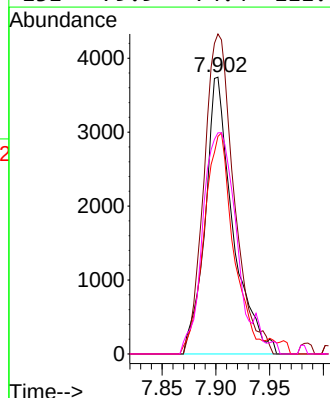
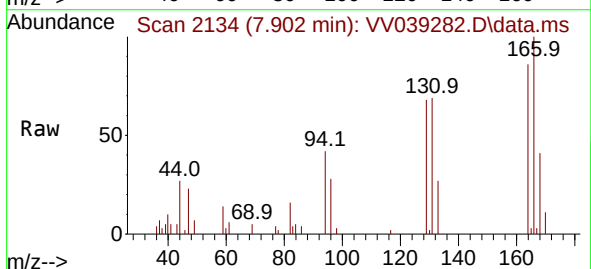
Ion Ratio Lower Upper

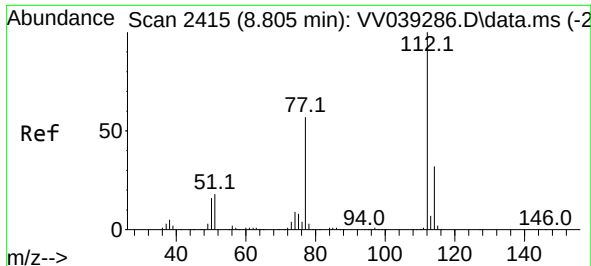
164 100

166 115.6 101.0 151.6

129 78.6 79.0 118.6#

131 79.9 74.4 111.6

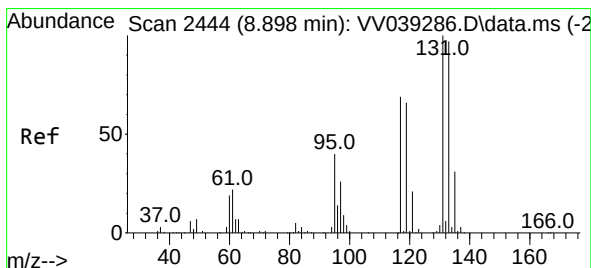
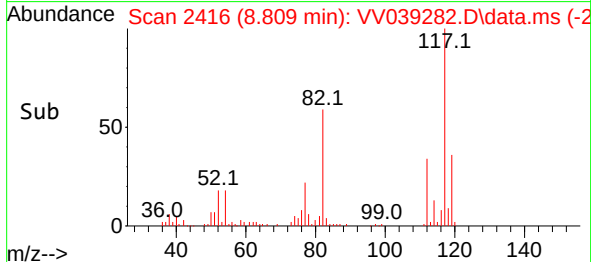
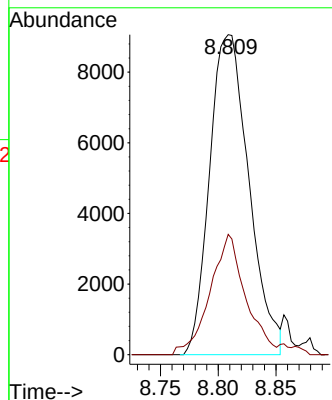
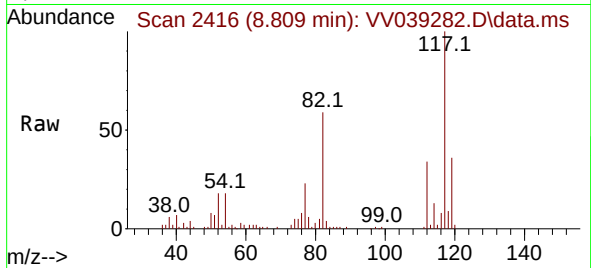




#65
Chlorobenzene
Concen: 1.056 ug/l
RT: 8.809 min Scan# 2415
Delta R.T. 0.003 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

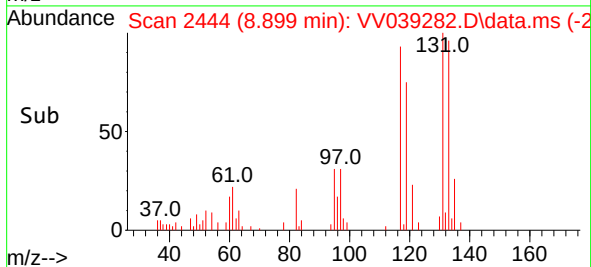
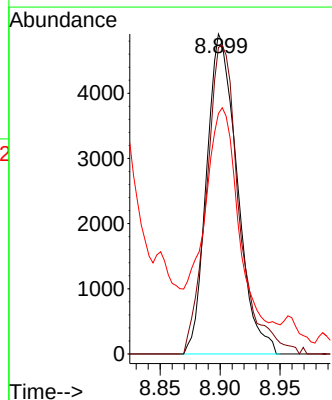
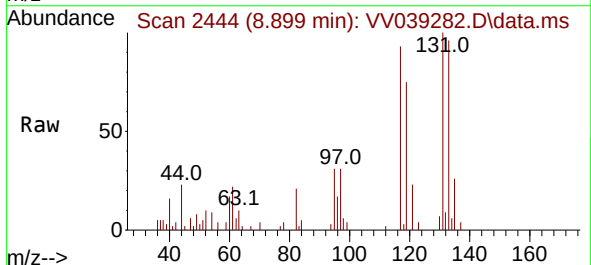
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

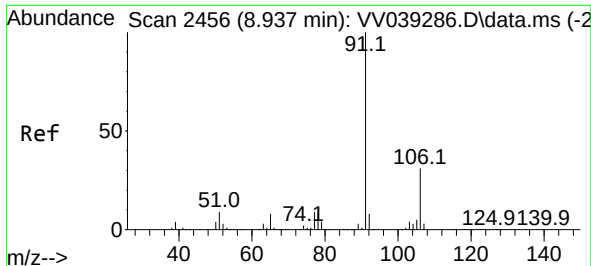
Tgt Ion:112 Resp: 21425
Ion Ratio Lower Upper
112 100
114 35.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 1.144 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion:131 Resp: 8692
Ion Ratio Lower Upper
131 100
133 103.2 47.8 143.3
119 0.0 32.7 98.1#





#67

Ethyl Benzene

Concen: 0.910 ug/l

RT: 8.947 min Scan# 2456

Delta R.T. 0.010 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

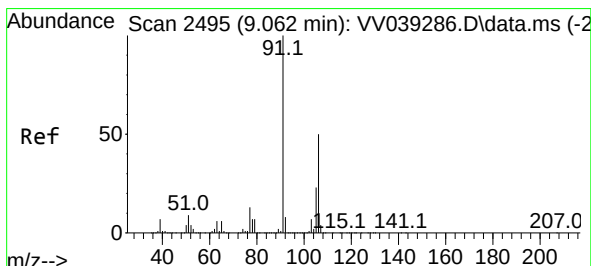
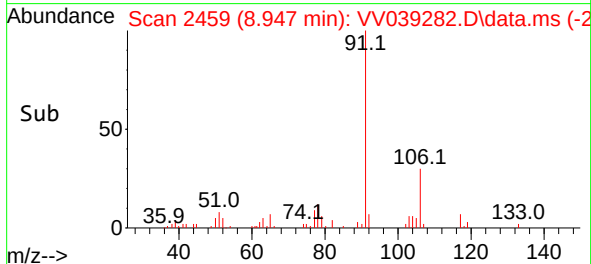
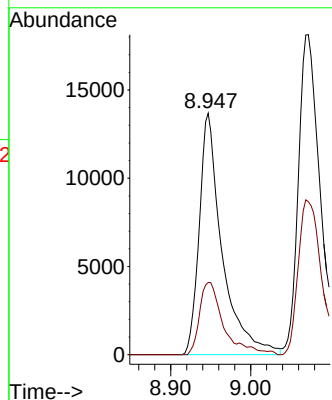
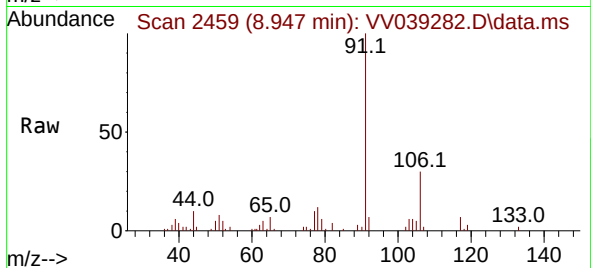
VSTDICC001

Tgt Ion: 91 Resp: 27200

Ion Ratio Lower Upper

91 100

106 29.9 24.6 37.0



#68

m/p-Xylenes

Concen: 1.636 ug/l

RT: 9.069 min Scan# 2497

Delta R.T. 0.007 min

Lab File: VV039282.D

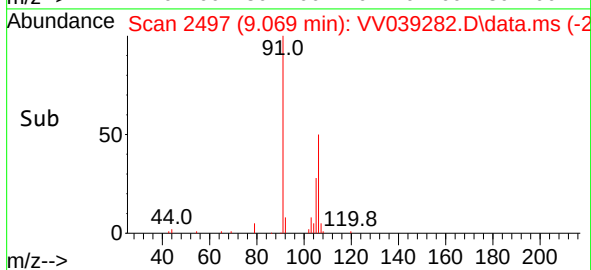
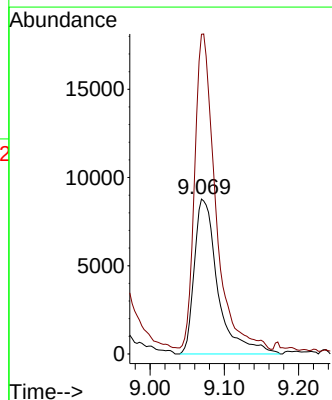
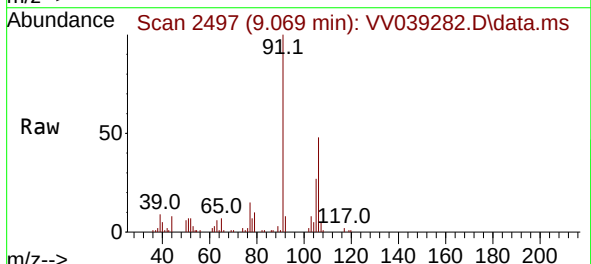
Acq: 07 Oct 2025 09:40

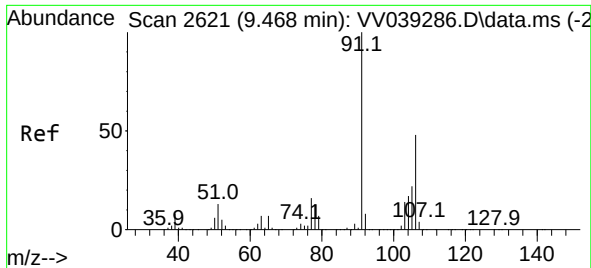
Tgt Ion: 106 Resp: 19390

Ion Ratio Lower Upper

106 100

91 182.4 160.2 240.2

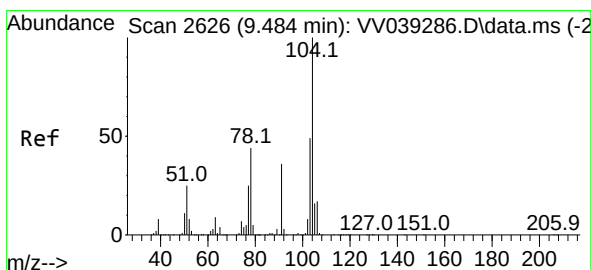
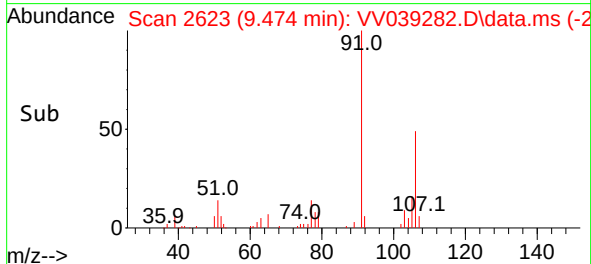
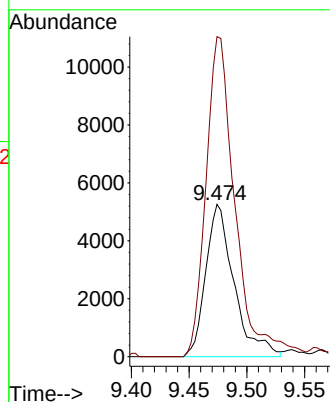
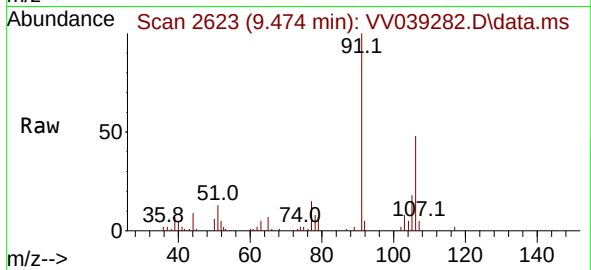




#69
o-Xylene
Concen: 0.856 ug/l
RT: 9.474 min Scan# 2623
Delta R.T. 0.007 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

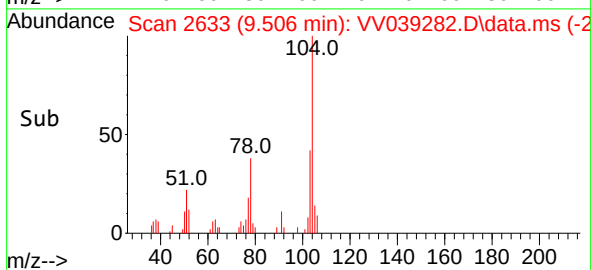
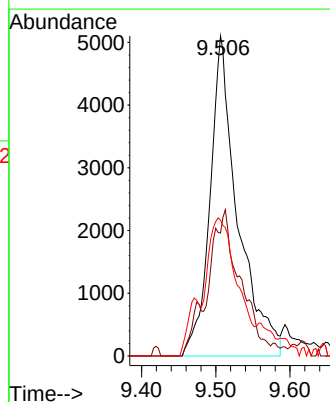
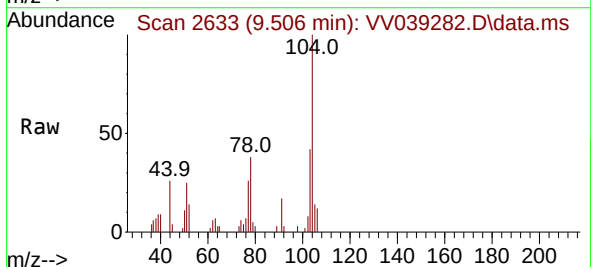
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

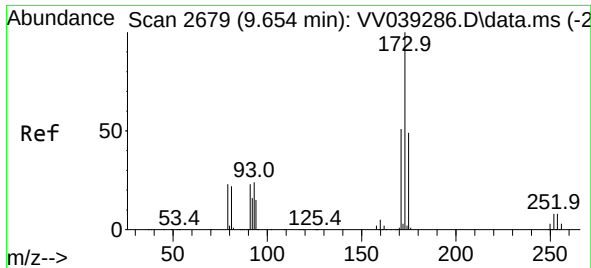
Tgt Ion:106 Resp: 8958
Ion Ratio Lower Upper
106 100
91 215.8 105.8 317.3



#70
Styrene
Concen: 0.709 ug/l
RT: 9.506 min Scan# 2633
Delta R.T. 0.023 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion:104 Resp: 13202
Ion Ratio Lower Upper
104 100
78 42.8 38.9 58.3
103 35.9 42.9 64.3#

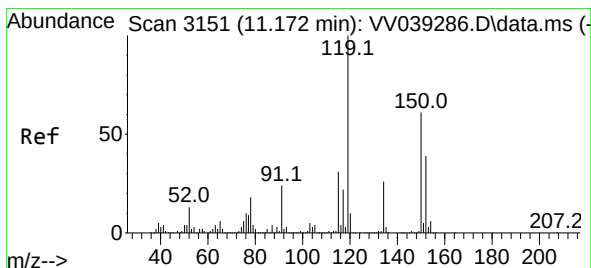
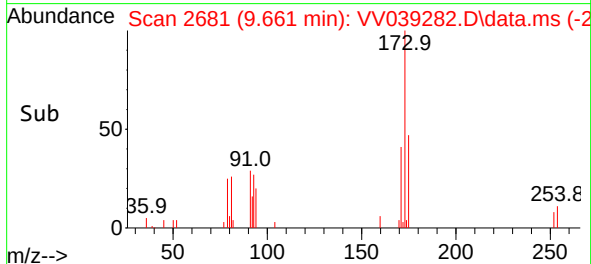
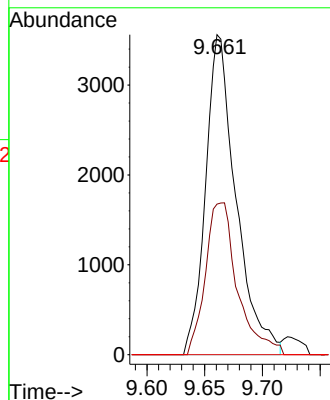
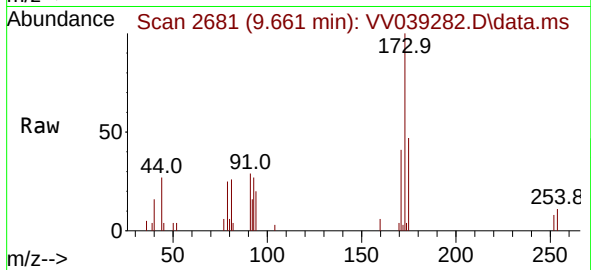




#71
Bromoform
Concen: 1.058 ug/l
RT: 9.661 min Scan# 2681
Delta R.T. 0.007 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

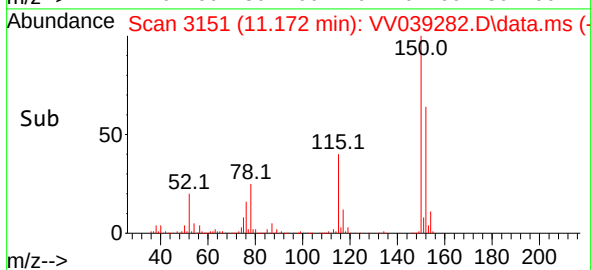
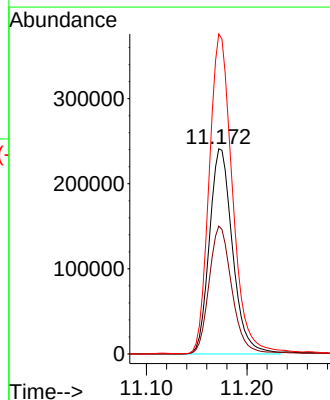
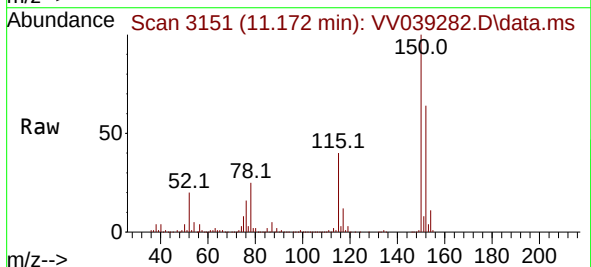
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

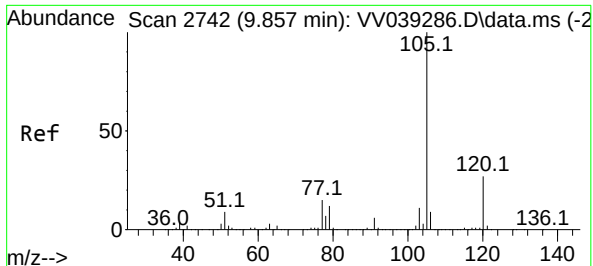
Tgt Ion:173 Resp: 6502
Ion Ratio Lower Upper
173 100
175 50.0 24.6 73.6
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion:152 Resp: 385797
Ion Ratio Lower Upper
152 100
115 61.7 42.3 126.8
150 157.0 0.0 348.0

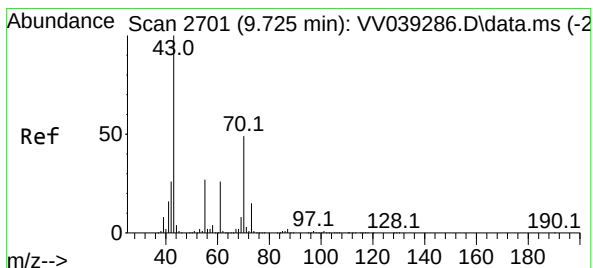
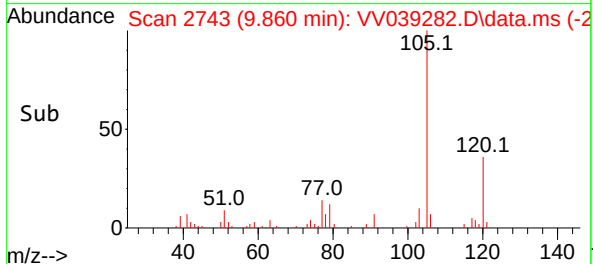
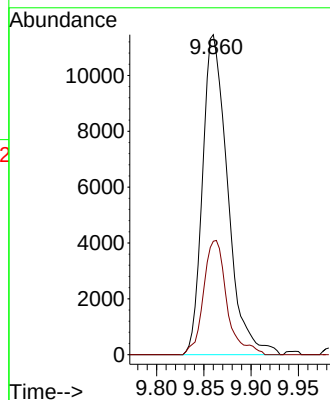
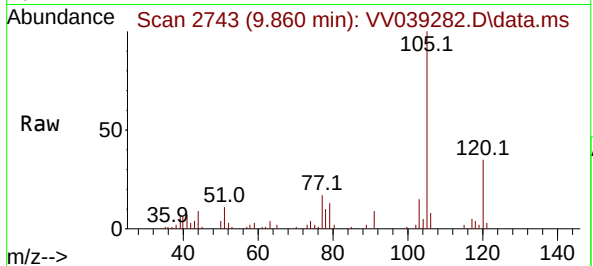




#73
Isopropylbenzene
Concen: 0.904 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

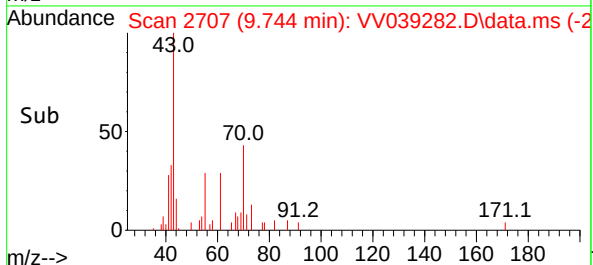
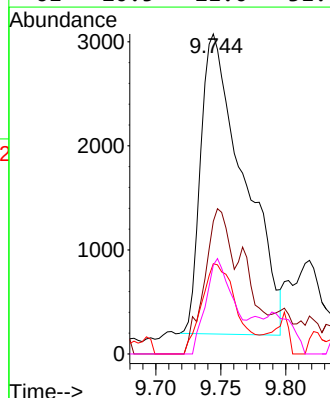
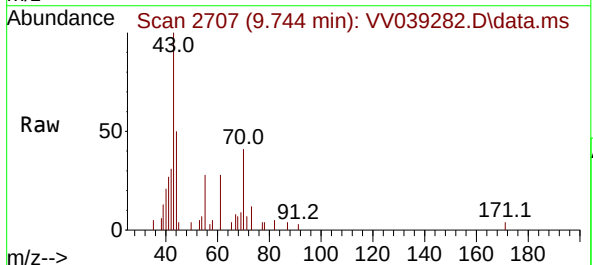
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

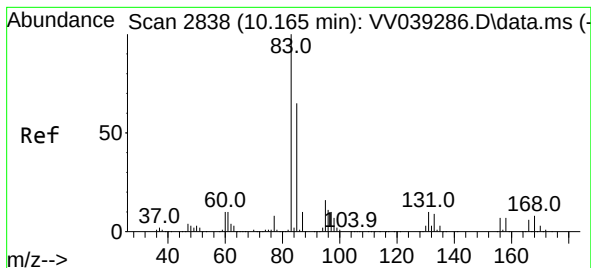
Tgt Ion:105 Resp: 21180
Ion Ratio Lower Upper
105 100
120 33.2 13.2 39.5



#74
N-ethyl acetate
Concen: 0.685 ug/l
RT: 9.744 min Scan# 2707
Delta R.T. 0.019 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 43 Resp: 6657
Ion Ratio Lower Upper
43 100
70 29.3 38.6 58.0#
55 24.5 21.9 32.9
61 20.5 21.0 31.4#

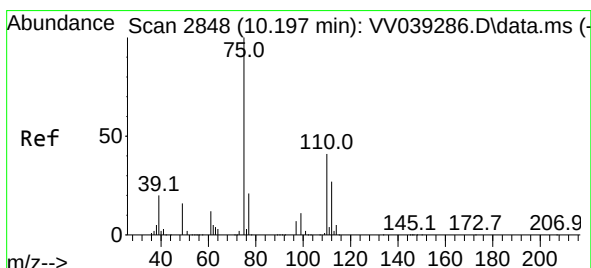
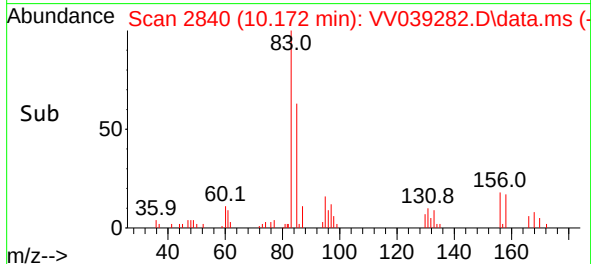
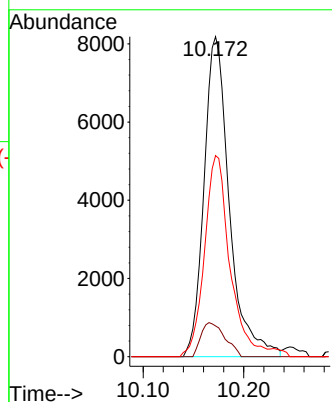
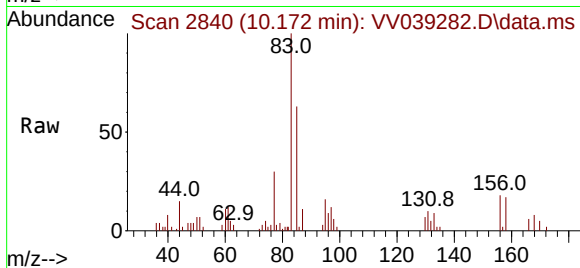




#75
1,1,2,2-Tetrachloroethane
Concen: 1.330 ug/l
RT: 10.172 min Scan# 2840
Delta R.T. 0.007 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

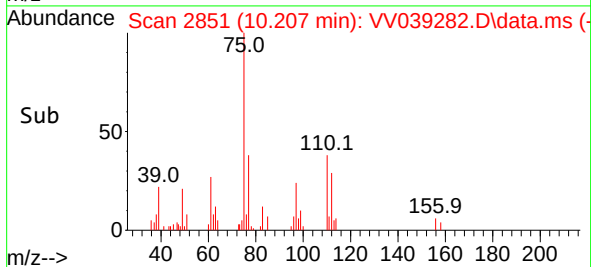
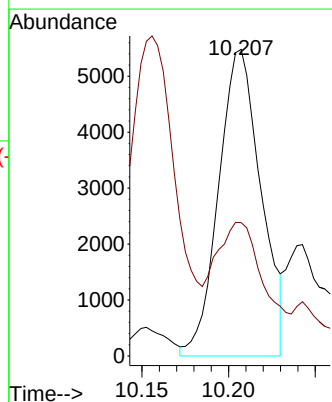
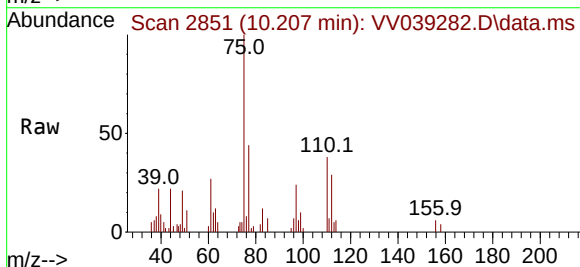
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

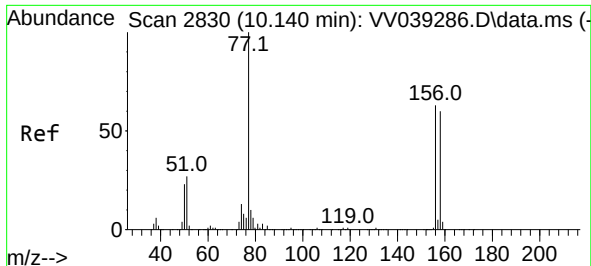
Tgt Ion: 83 Resp: 14304
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.1 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 1.210 ug/l
RT: 10.207 min Scan# 2851
Delta R.T. 0.010 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 75 Resp: 9316
Ion Ratio Lower Upper
75 100
77 32.0 12.2 36.4

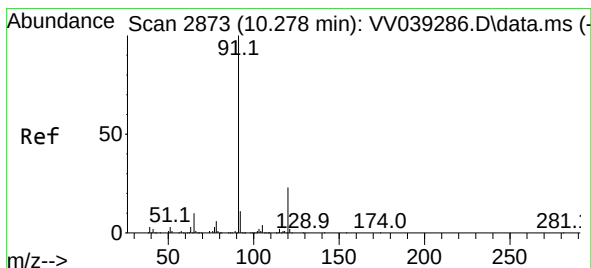
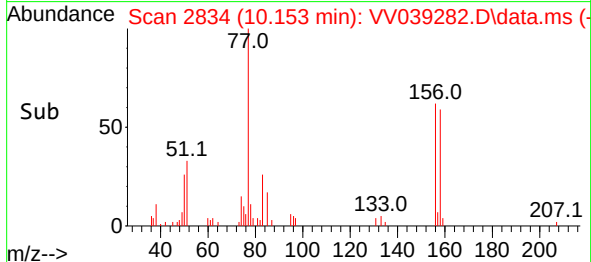
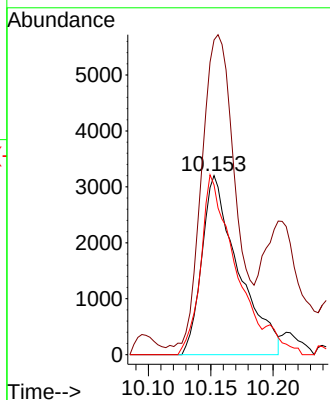
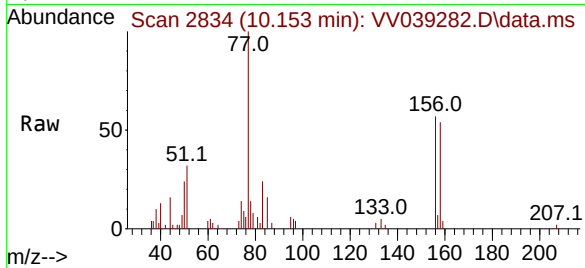




#77
Bromobenzene
Concen: 1.008 ug/l
RT: 10.153 min Scan# 2834
Delta R.T. 0.013 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

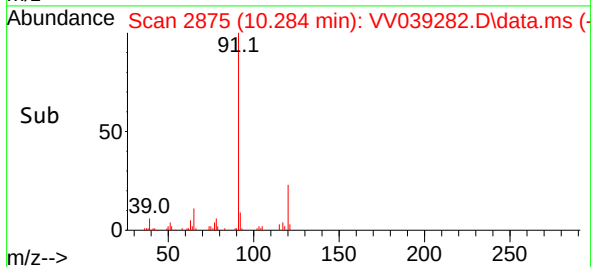
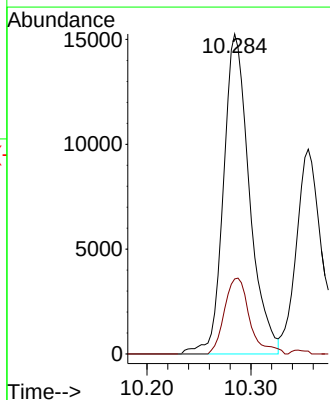
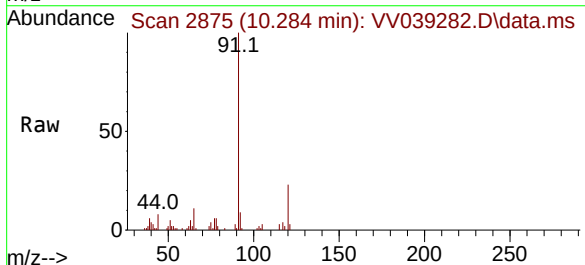
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

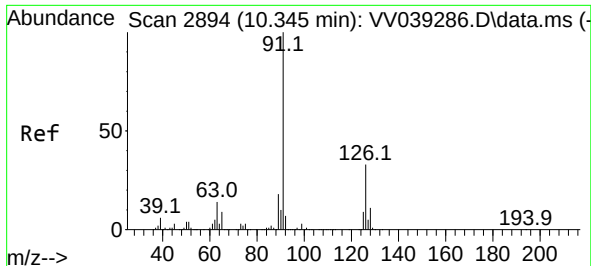
Tgt Ion:156 Resp: 6491
Ion Ratio Lower Upper
156 100
77 160.2 78.4 235.2
158 91.7 47.7 143.1



#78
n-propylbenzene
Concen: 0.933 ug/l
RT: 10.284 min Scan# 2875
Delta R.T. 0.007 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 91 Resp: 26534
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.5

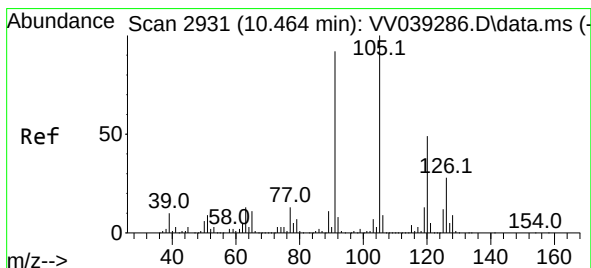
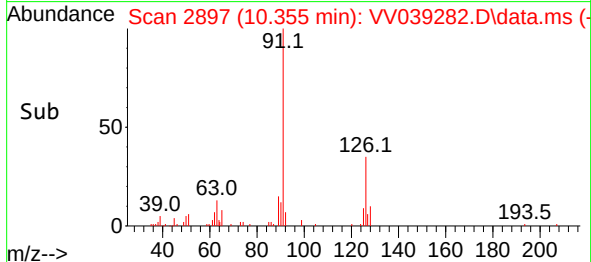
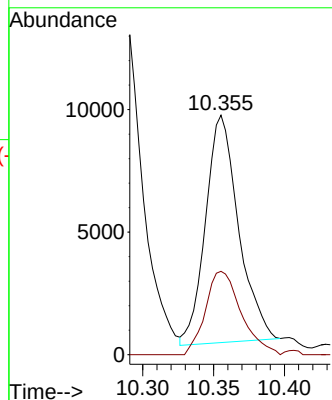
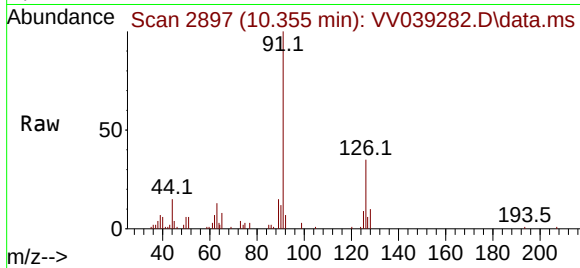




#79
2-Chlorotoluene
Concen: 0.856 ug/l
RT: 10.355 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

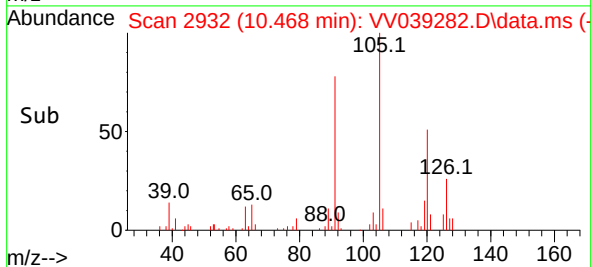
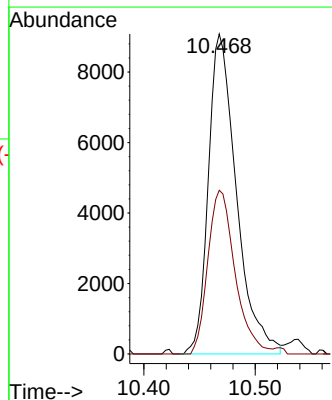
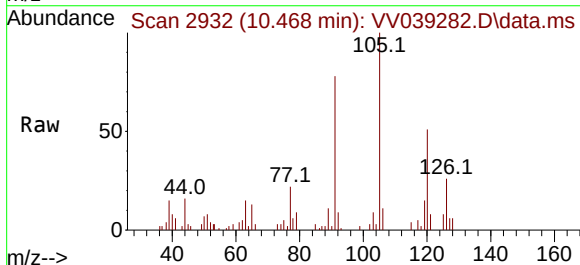
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

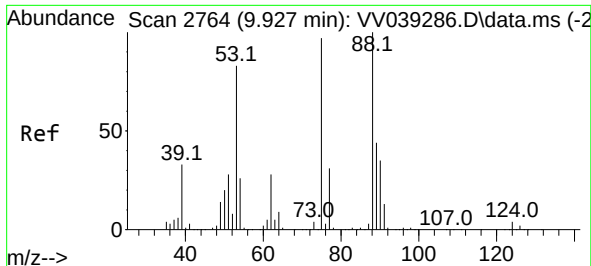
Tgt Ion: 91 Resp: 15022
Ion Ratio Lower Upper
91 100
126 39.5 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 0.809 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.003 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 105 Resp: 15895
Ion Ratio Lower Upper
105 100
120 49.7 24.3 73.0

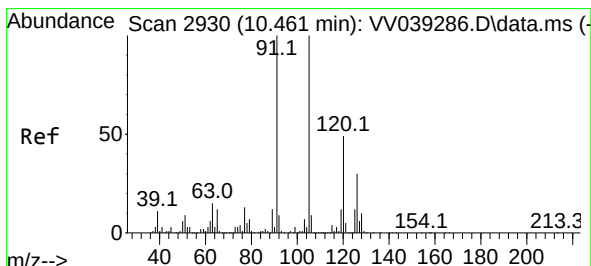
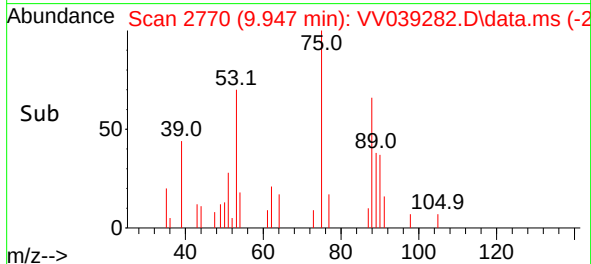
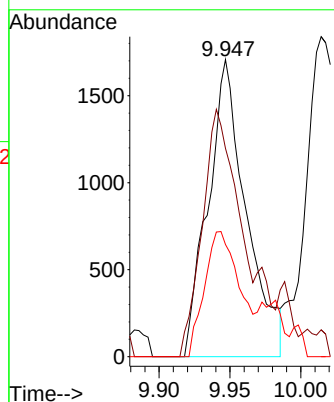
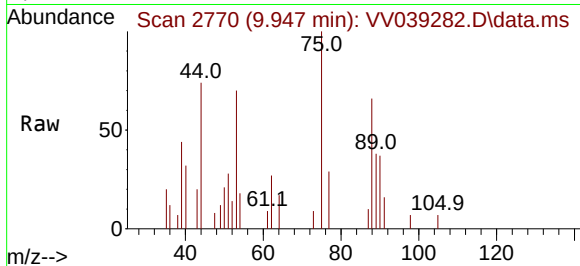




#81
trans-1,4-Dichloro-2-butene
Concen: 1.043 ug/l
RT: 9.947 min Scan# 21
Delta R.T. 0.019 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

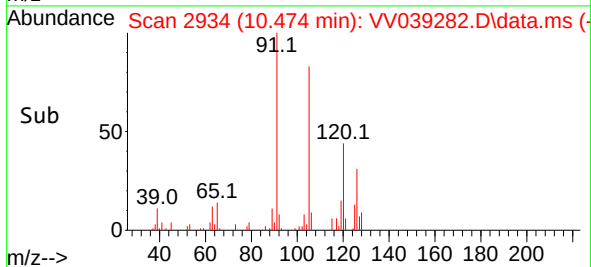
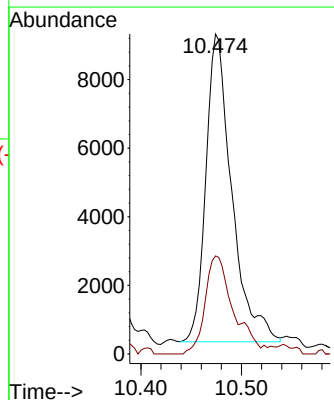
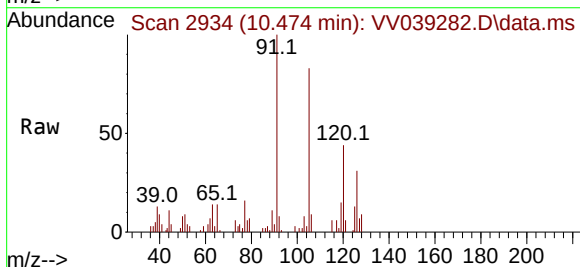
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

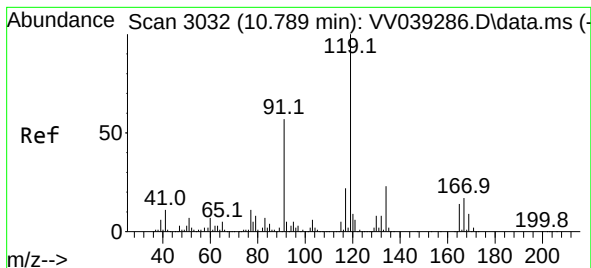
Tgt Ion: 75 Resp: 3181
Ion Ratio Lower Upper
75 100
53 78.3 69.9 104.9
89 38.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 0.795 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.013 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 91 Resp: 16039
Ion Ratio Lower Upper
91 100
126 35.4 14.8 44.4





#83

tert-Butylbenzene

Concen: 0.955 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

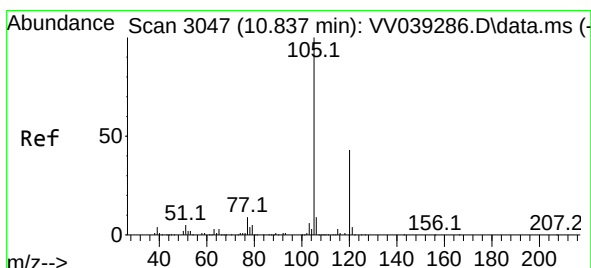
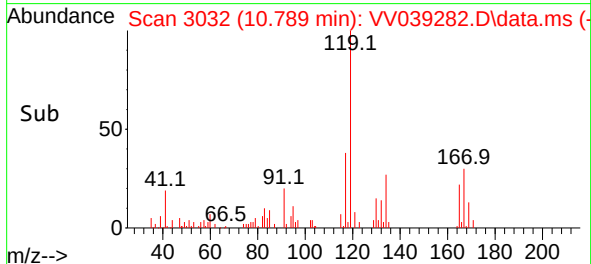
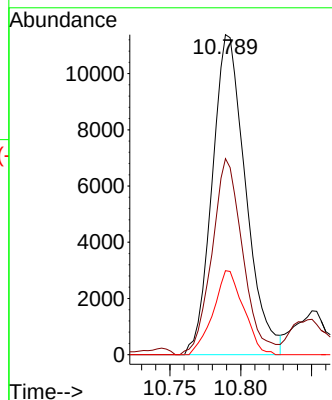
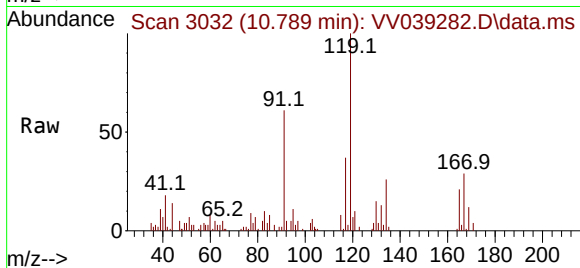
Tgt Ion:119 Resp: 18627

Ion Ratio Lower Upper

119 100

91 56.7 28.2 84.7

134 23.9 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 0.871 ug/l

RT: 10.847 min Scan# 3050

Delta R.T. 0.010 min

Lab File: VV039282.D

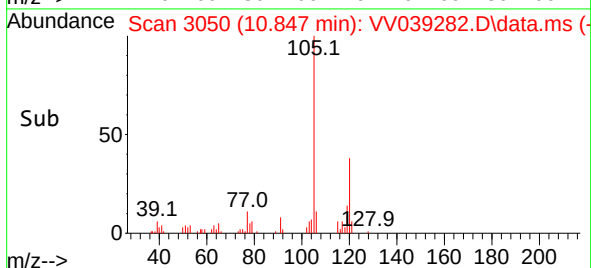
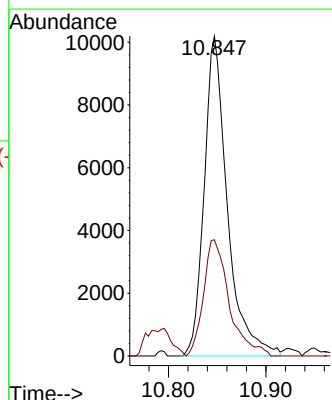
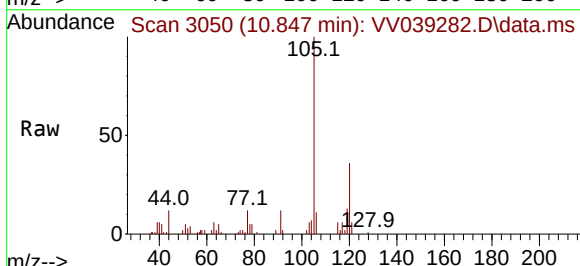
Acq: 07 Oct 2025 09:40

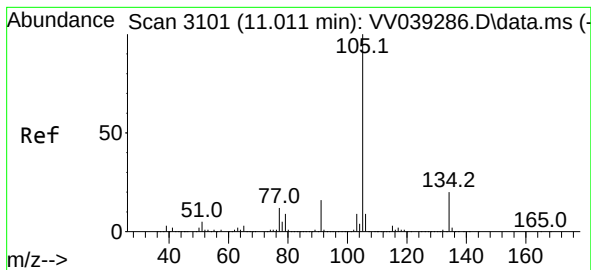
Tgt Ion:105 Resp: 16853

Ion Ratio Lower Upper

105 100

120 40.3 22.8 68.4





#85

sec-Butylbenzene

Concen: 0.876 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

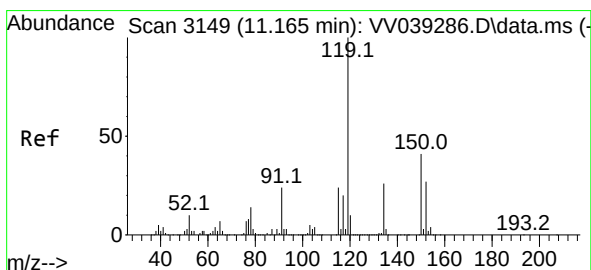
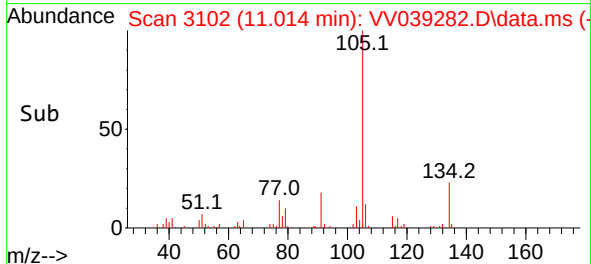
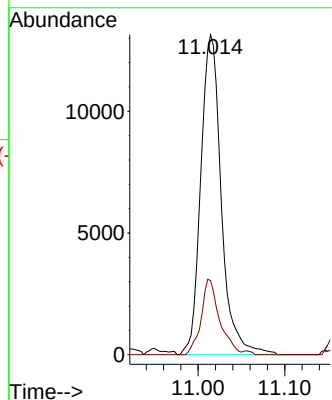
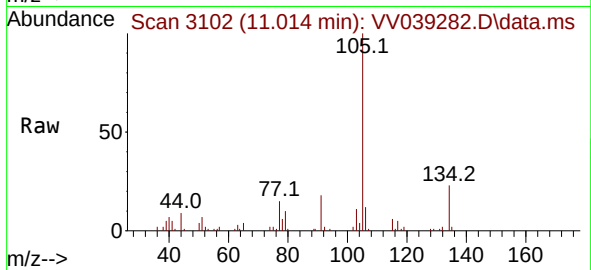
VSTDIC001

Tgt Ion:105 Resp: 21613

Ion Ratio Lower Upper

105 100

134 21.2 9.8 29.5



#86

p-Isopropyltoluene

Concen: 0.883 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

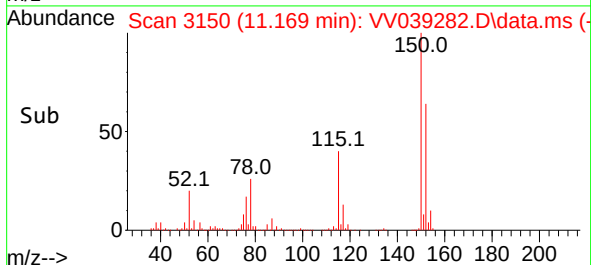
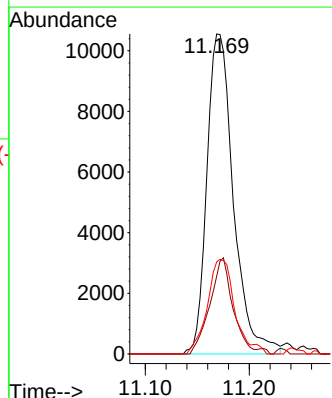
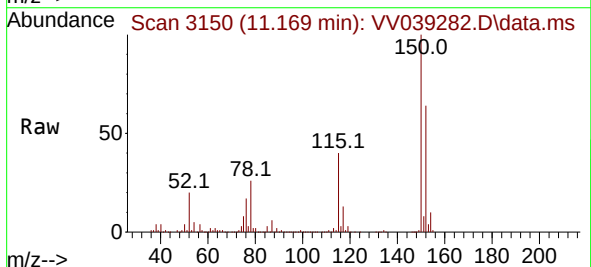
Tgt Ion:119 Resp: 18735

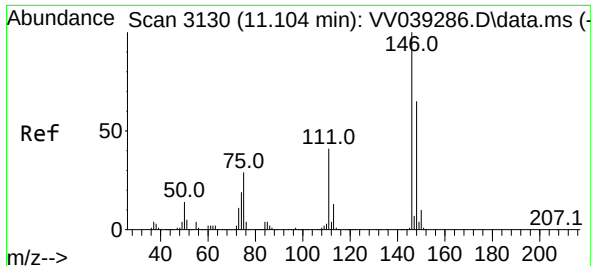
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 30.4 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 0.996 ug/l

RT: 11.117 min Scan# 3134

Delta R.T. 0.013 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

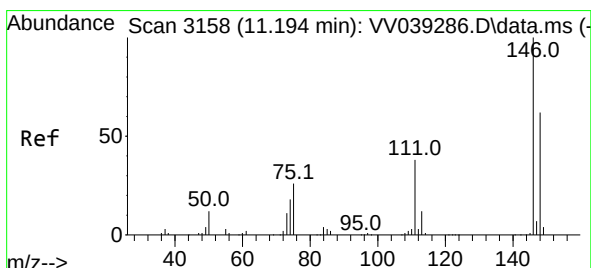
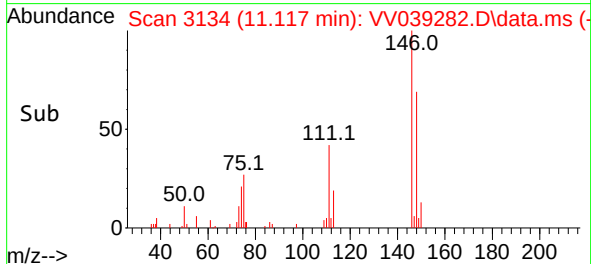
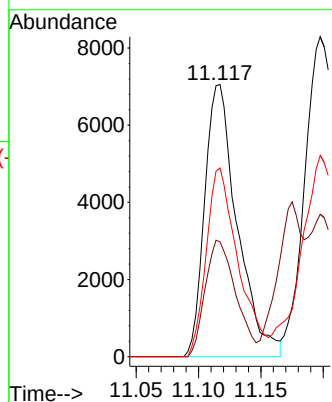
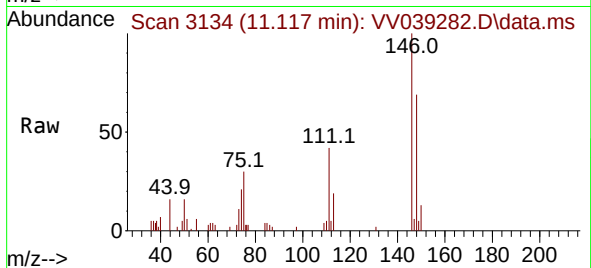
Tgt Ion:146 Resp: 12791

Ion Ratio Lower Upper

146 100

111 40.3 20.6 61.8

148 68.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 0.883 ug/l

RT: 11.117 min Scan# 3134

Delta R.T. -0.077 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

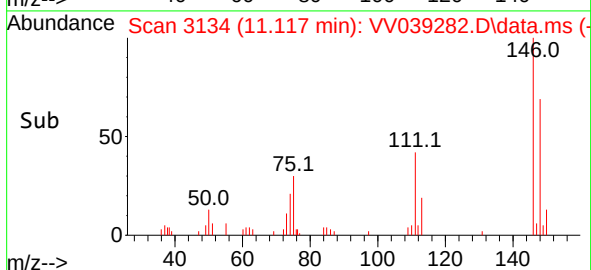
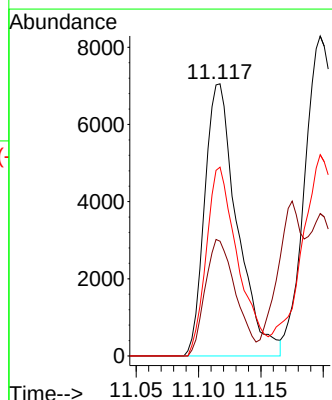
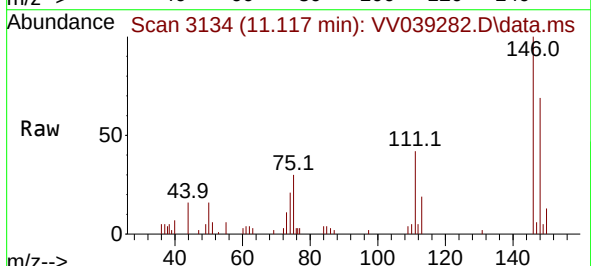
Tgt Ion:146 Resp: 12791

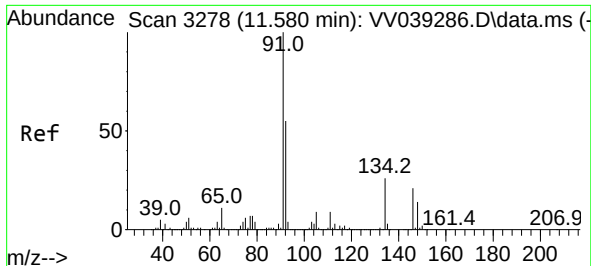
Ion Ratio Lower Upper

146 100

111 40.3 19.7 59.0

148 68.2 31.5 94.5

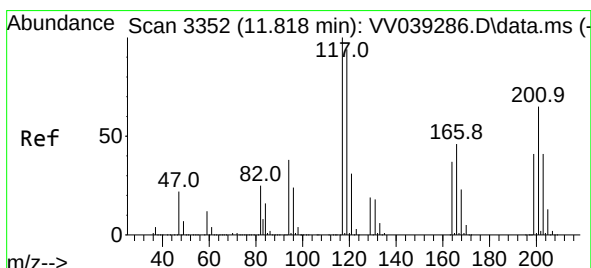
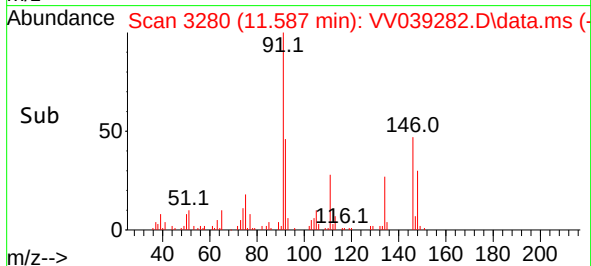
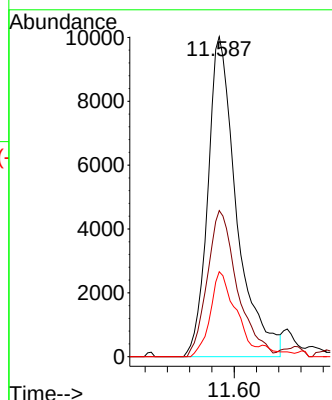
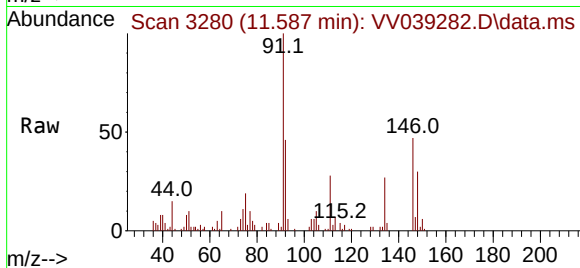




#89
n-Butylbenzene
Concen: 0.909 ug/l
RT: 11.587 min Scan# 31
Delta R.T. 0.007 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

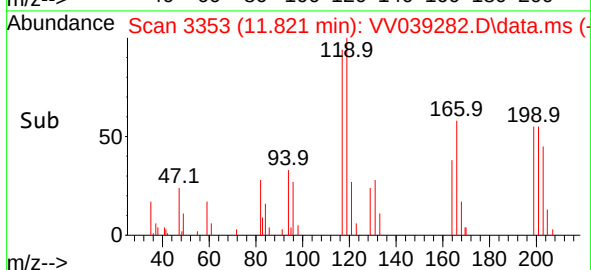
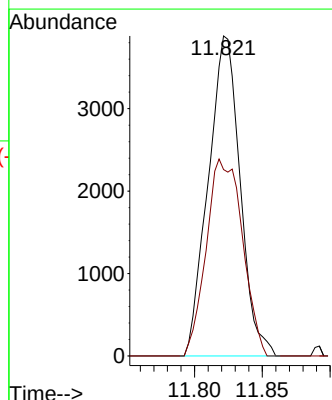
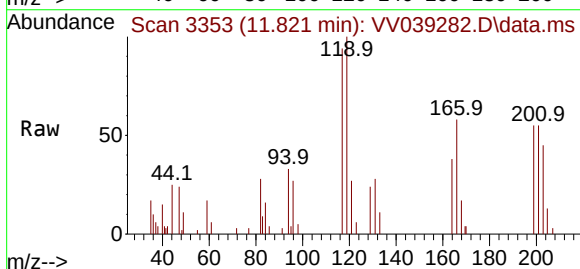
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

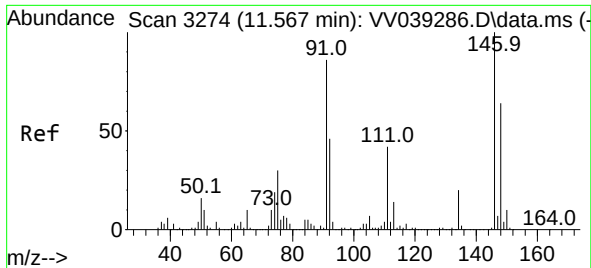
Tgt Ion: 91	Resp:	17957
Ion Ratio	Lower	Upper
91	100	
92	47.5	26.9 80.6
134	23.8	12.6 37.8



#90
Hexachloroethane
Concen: 1.210 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 117	Resp:	6345
Ion Ratio	Lower	Upper
117	100	
201	69.8	33.7 101.1

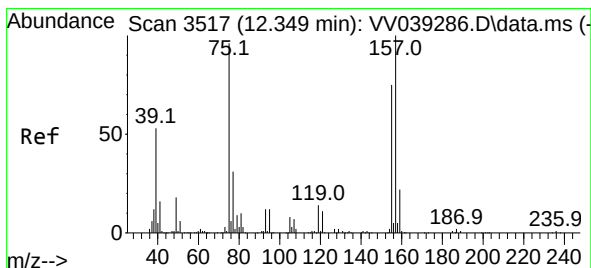
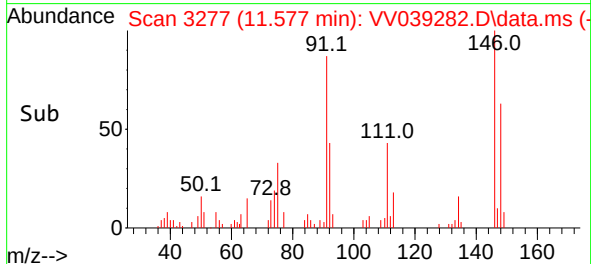
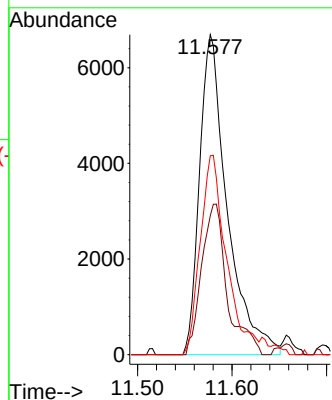
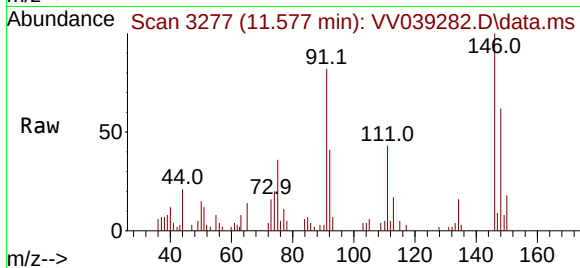




#91
1,2-Dichlorobenzene
Concen: 1.115 ug/l
RT: 11.577 min Scan# 311
Delta R.T. 0.010 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

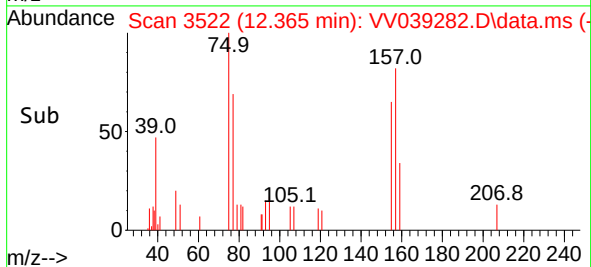
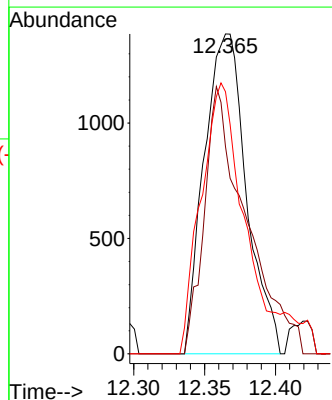
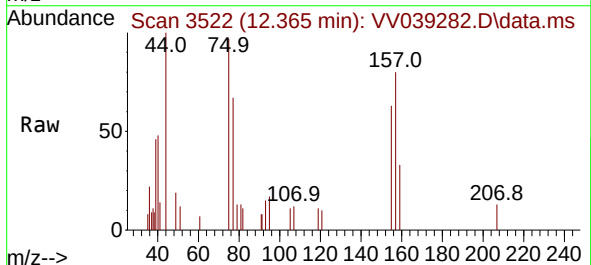
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

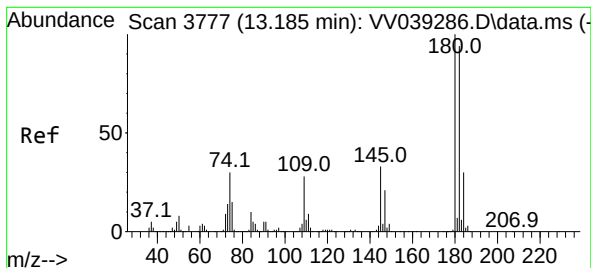
Tgt Ion:146 Resp: 13621
Ion Ratio Lower Upper
146 100
111 43.4 21.3 64.0
148 58.8 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.301 ug/l
RT: 12.365 min Scan# 3522
Delta R.T. 0.016 min
Lab File: VV039282.D
Acq: 07 Oct 2025 09:40

Tgt Ion: 75 Resp: 2878
Ion Ratio Lower Upper
75 100
155 82.8 40.8 122.5
157 92.8 53.3 160.0





#93

1,2,4-Trichlorobenzene

Concen: 0.997 ug/l

RT: 13.197 min Scan# 3777

Delta R.T. 0.013 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

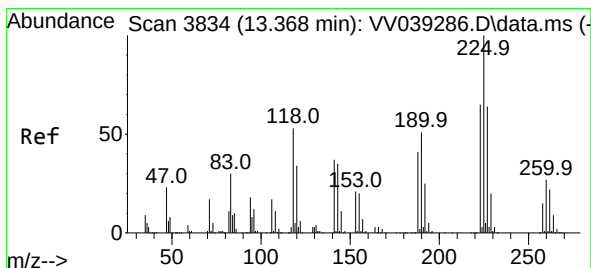
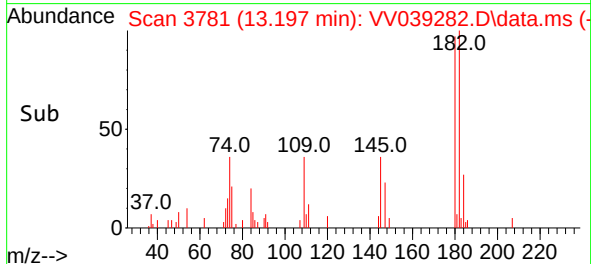
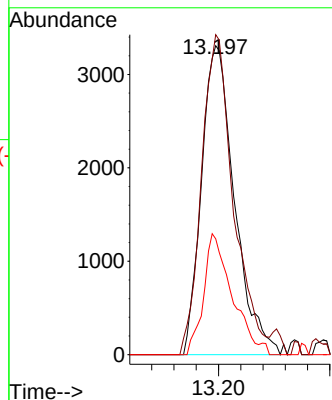
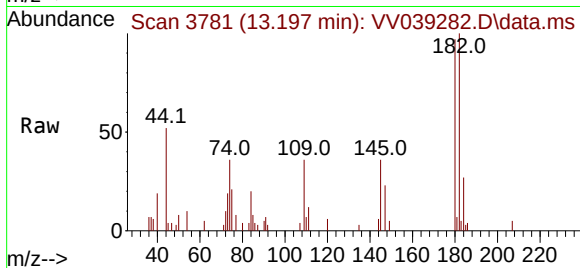
Tgt Ion:180 Resp: 6793

Ion Ratio Lower Upper

180 100

182 100.1 47.3 141.9

145 34.0 16.3 48.9



#94

Hexachlorobutadiene

Concen: 1.242 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

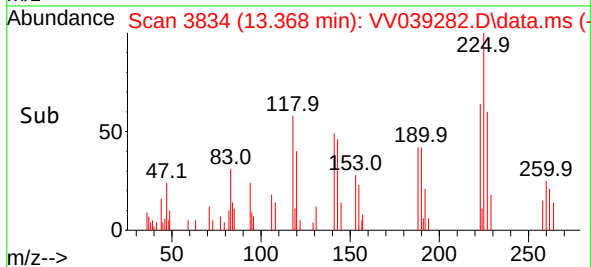
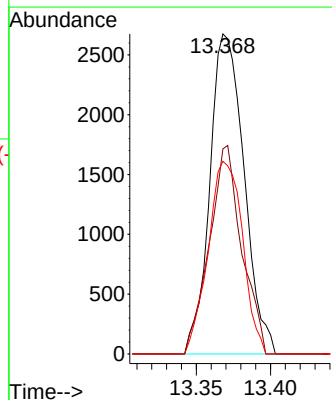
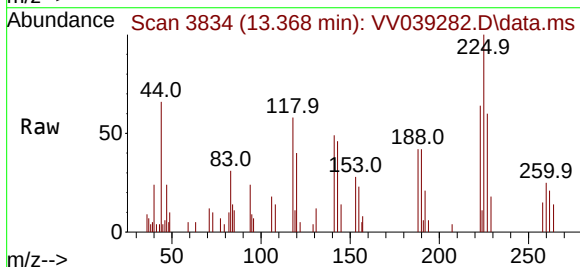
Tgt Ion:225 Resp: 4285

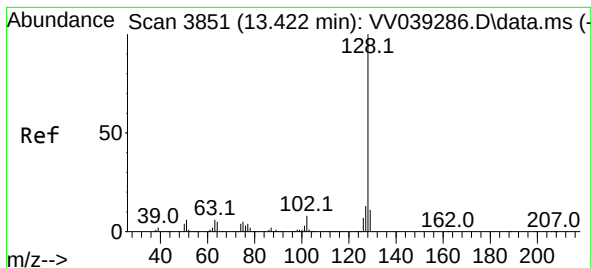
Ion Ratio Lower Upper

225 100

223 61.7 31.3 93.8

227 60.6 31.7 95.1





#95

Naphthalene

Concen: 0.843 ug/l

RT: 13.435 min Scan# 3930

Delta R.T. 0.013 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

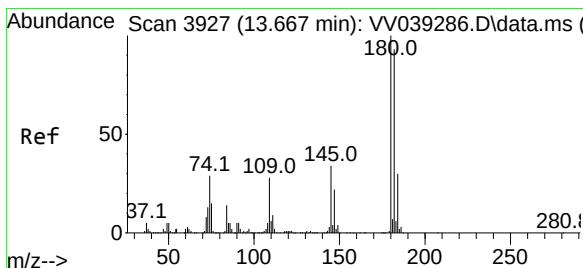
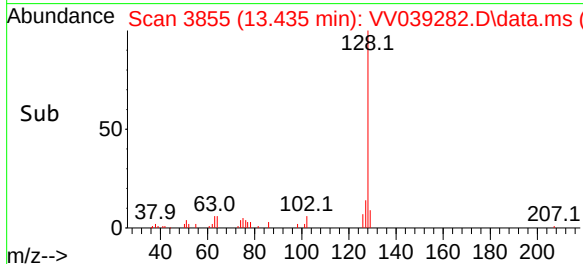
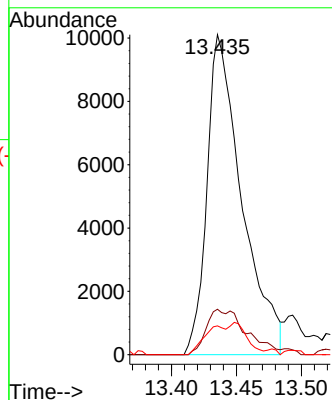
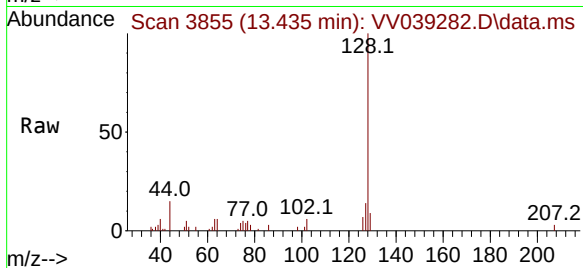
Tgt Ion:128 Resp: 18828

Ion Ratio Lower Upper

128 100

127 16.4 10.3 15.5#

129 5.7 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 1.002 ug/l

RT: 13.677 min Scan# 3930

Delta R.T. 0.010 min

Lab File: VV039282.D

Acq: 07 Oct 2025 09:40

Tgt Ion:180 Resp: 7094

Ion Ratio Lower Upper

180 100

182 89.5 46.7 140.1

145 39.3 17.2 51.5

