

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
 Data File : VV038932.D
 Acq On : 08 Aug 2025 12:43
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 11 05:08:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 11 04:47:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	559992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	916327	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	862514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	483603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.947	65	97741	12.137	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	24.280%#
35) Dibromofluoromethane	4.506	113	82164	11.819	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	23.640%#
50) Toluene-d8	7.239	98	276752	11.495	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	23.000%#
62) 4-Bromofluorobenzene	10.005	95	99518	11.477	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	22.960%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	38728	10.279	ug/l	98
3) Chloromethane	1.230	50	36049	10.028	ug/l	93
4) Vinyl Chloride	1.298	62	45316	10.259	ug/l	100
5) Bromomethane	1.500	94	39964	11.541	ug/l	97
6) Chloroethane	1.561	64	31314	9.856	ug/l	96
7) Trichlorofluoromethane	1.728	101	84704	9.683	ug/l	99
8) Diethyl Ether	1.921	74	30744	9.425	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.082	101	54899	9.824	ug/l	97
10) Methyl Iodide	2.198	142	42969	9.792	ug/l	97
11) Tert butyl alcohol	2.571	59	73192	53.737	ug/l	98
12) 1,1-Dichloroethene	2.085	96	46183	9.972	ug/l	99
13) Acrolein	2.011	56	42447	44.183	ug/l	95
14) Allyl chloride	2.362	41	79506	9.817	ug/l	98
15) Acrylonitrile	2.680	53	177372	49.327	ug/l	99
16) Acetone	2.124	43	140862	48.727	ug/l	97
17) Carbon Disulfide	2.256	76	77710	10.391	ug/l	97
18) Methyl Acetate	2.384	43	122602	10.941	ug/l	99
19) Methyl tert-butyl Ether	2.715	73	187835	9.857	ug/l	98
20) Methylene Chloride	2.458	84	59251	9.883	ug/l	98
21) trans-1,2-Dichloroethene	2.706	96	49846	9.902	ug/l	100
22) Diisopropyl ether	3.224	45	167621	10.235	ug/l	93
23) Vinyl Acetate	3.198	43	585194	48.100	ug/l	100
24) 1,1-Dichloroethane	3.124	63	105166	10.012	ug/l	98
25) 2-Butanone	3.879	43	189160	51.484	ug/l	97
26) 2,2-Dichloropropane	3.815	77	90378	9.711	ug/l	98
27) cis-1,2-Dichloroethene	3.825	96	58135	9.586	ug/l	96
28) Bromochloromethane	4.153	49	29520	8.925	ug/l	98
29) Tetrahydrofuran	4.246	42	118451	48.561	ug/l	98
30) Chloroform	4.285	83	113268	9.911	ug/l	98
31) Cyclohexane	4.584	56	68009	10.512	ug/l #	89
32) 1,1,1-Trichloroethane	4.519	97	97872	9.957	ug/l	100
36) 1,1-Dichloropropene	4.748	75	56628	9.237	ug/l	99
37) Ethyl Acetate	3.992	43	72982	9.064	ug/l #	95
38) Carbon Tetrachloride	4.738	117	75774	9.260	ug/l	98
39) Methylcyclohexane	6.050	83	61848	9.220	ug/l	95
40) Benzene	5.014	78	205173	10.060	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
 Data File : VV038932.D
 Acq On : 08 Aug 2025 12:43
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 11 05:08:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 11 04:47:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.172	41	28591	8.652	ug/l #	87
42) 1,2-Dichloroethane	5.047	62	78152	9.863	ug/l	96
43) Isopropyl Acetate	5.204	43	105605	9.289	ug/l #	90
44) Trichloroethene	5.838	130	52503	9.783	ug/l	92
45) 1,2-Dichloropropane	6.095	63	55965	10.147	ug/l	98
46) Dibromomethane	6.233	93	41600	9.867	ug/l	96
47) Bromodichloromethane	6.432	83	89288	9.532	ug/l	98
48) Methyl methacrylate	6.310	41	45858	9.455	ug/l	98
49) 1,4-Dioxane	6.294	88	20951	194.785	ug/l #	95
51) 4-Methyl-2-Pentanone	7.153	43	399855	50.740	ug/l	98
52) Toluene	7.313	92	129106	10.027	ug/l	99
53) t-1,3-Dichloropropene	7.580	75	79332	9.681	ug/l	98
54) cis-1,3-Dichloropropene	6.956	75	88410	9.882	ug/l	98
55) 1,1,2-Trichloroethane	7.767	97	62839	9.973	ug/l	98
56) Ethyl methacrylate	7.722	69	70437	9.427	ug/l	99
57) 1,3-Dichloropropane	7.940	76	94390	9.793	ug/l	97
58) 2-Chloroethyl Vinyl ether	6.818	63	166704	45.088	ug/l	99
59) 2-Hexanone	8.069	43	279119	49.070	ug/l	98
60) Dibromochloromethane	8.169	129	72861	9.443	ug/l	96
61) 1,2-Dibromoethane	8.278	107	61389	9.814	ug/l	98
64) Tetrachloroethene	7.899	164	48152	9.512	ug/l	97
65) Chlorobenzene	8.808	112	167172	9.915	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	62642	9.446	ug/l	95
67) Ethyl Benzene	8.940	91	236721	9.559	ug/l	99
68) m/p-Xylenes	9.066	106	186436	19.534	ug/l	96
69) o-Xylene	9.471	106	84354	9.399	ug/l	98
70) Styrene	9.490	104	148428	9.186	ug/l	99
71) Bromoform	9.657	173	52770	9.469	ug/l	97
73) Isopropylbenzene	9.857	105	241874	9.582	ug/l	98
74) N-amyl acetate	9.728	43	85106	9.594	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.169	83	104037	9.640	ug/l	99
76) 1,2,3-Trichloropropane	9.934	75	28859	3.650	ug/l	85
77) Bromobenzene	10.146	156	66566	9.824	ug/l	96
78) n-propylbenzene	10.281	91	282787	9.497	ug/l	99
79) 2-Chlorotoluene	10.349	91	181013	9.904	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	206317	9.687	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.934	75	29578	9.372	ug/l	93
82) 4-Chlorotoluene	10.468	91	213499	9.988	ug/l	98
83) tert-Butylbenzene	10.792	119	207553	9.148	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	199031	9.416	ug/l	98
85) sec-Butylbenzene	11.014	105	269761	9.410	ug/l	99
86) p-Isopropyltoluene	11.169	119	234968	9.409	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	135267	9.550	ug/l	97
88) 1,4-Dichlorobenzene	11.197	146	143372	9.295	ug/l	95
89) n-Butylbenzene	11.583	91	205430	8.898	ug/l	99
90) Hexachloroethane	11.821	117	52652	8.938	ug/l	98
91) 1,2-Dichlorobenzene	11.570	146	128120	9.569	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	21816	9.229	ug/l	98
93) 1,2,4-Trichlorobenzene	13.188	180	73790	8.738	ug/l	98
94) Hexachlorobutadiene	13.371	225	41012	9.191	ug/l	97
95) Naphthalene	13.426	128	225450	8.508	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	77617	8.981	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
Data File : VV038932.D
Acq On : 08 Aug 2025 12:43
Operator : SY/MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

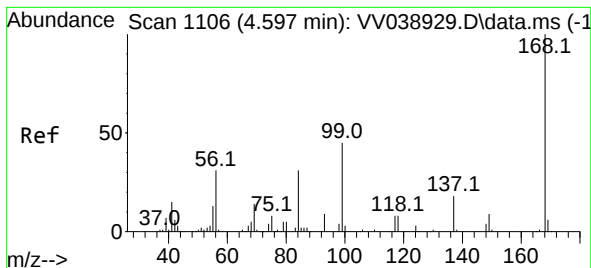
Quant Time: Aug 11 05:08:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 11 04:47:10 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Aug 11 05:08:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 11 04:47:10 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

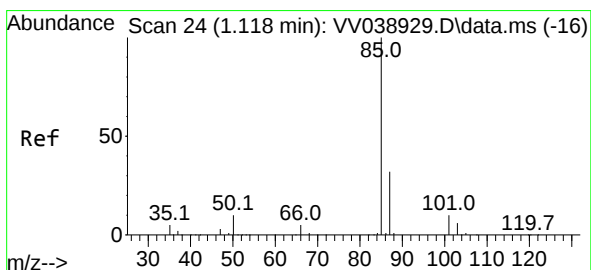
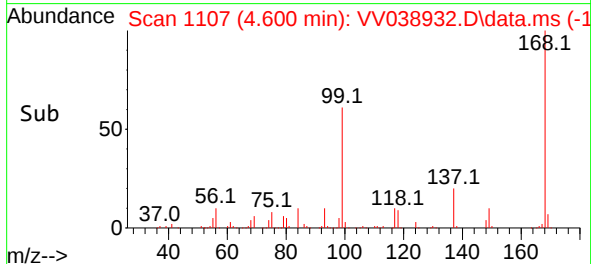
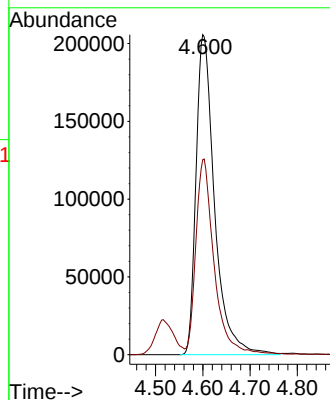
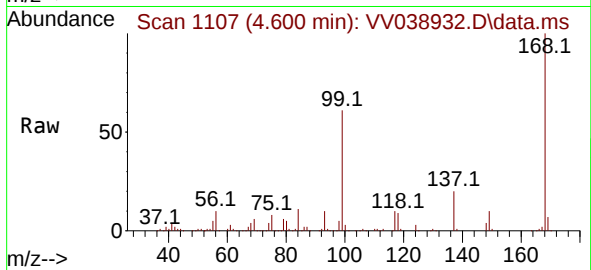
VSTDIC010

Tgt Ion:168 Resp: 559992

Ion Ratio Lower Upper

168 100

99 60.6 47.3 70.9



#2

Dichlorodifluoromethane

Concen: 10.279 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.003 min

Lab File: VV038932.D

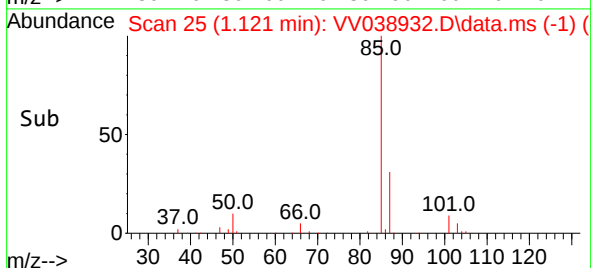
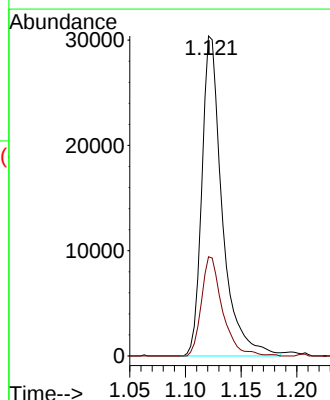
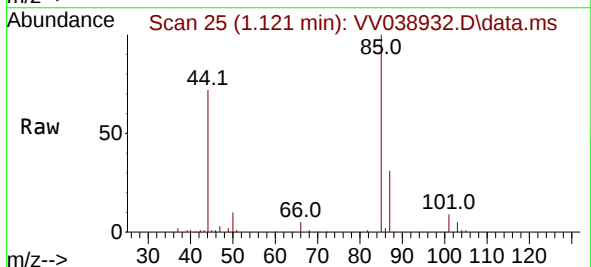
Acq: 08 Aug 2025 12:43

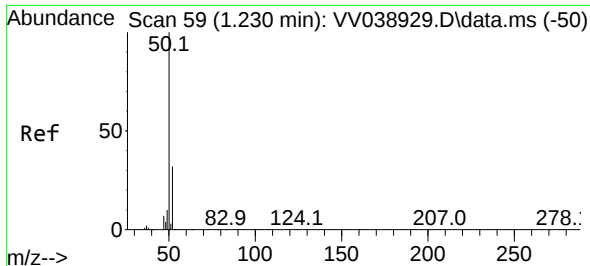
Tgt Ion: 85 Resp: 38728

Ion Ratio Lower Upper

85 100

87 31.0 16.2 48.6

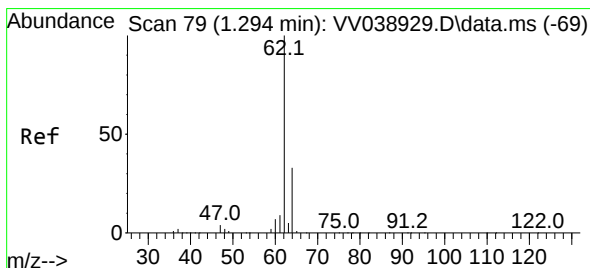
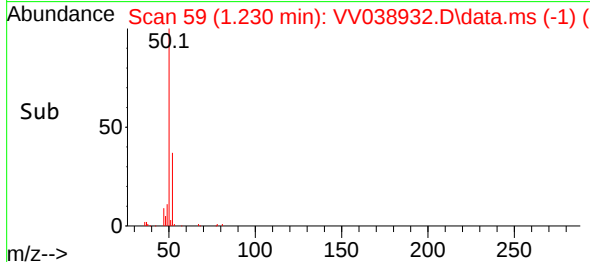
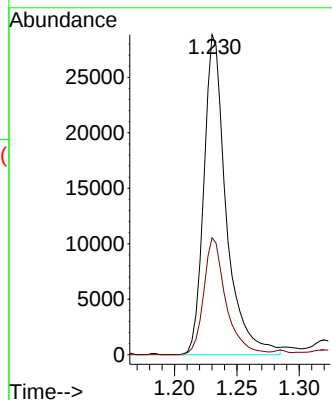
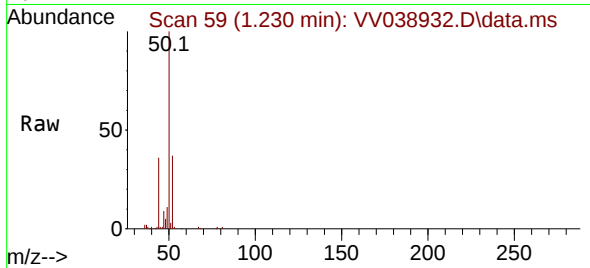




#3
Chloromethane
Concen: 10.028 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

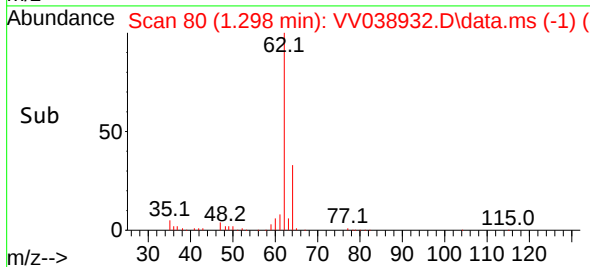
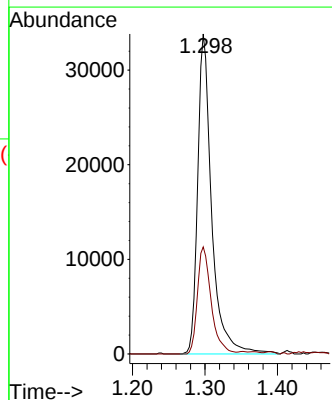
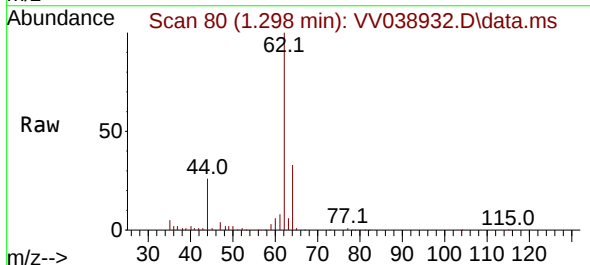
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

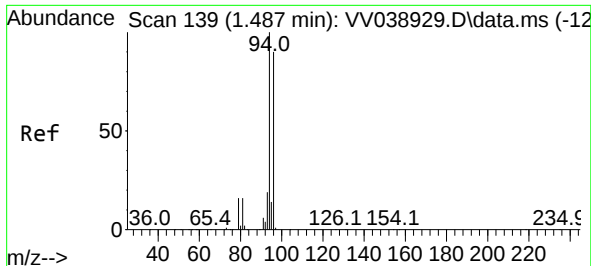
Tgt Ion: 50 Resp: 36049
Ion Ratio Lower Upper
50 100
52 36.6 25.9 38.9



#4
Vinyl Chloride
Concen: 10.259 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 62 Resp: 45316
Ion Ratio Lower Upper
62 100
64 33.5 26.6 40.0

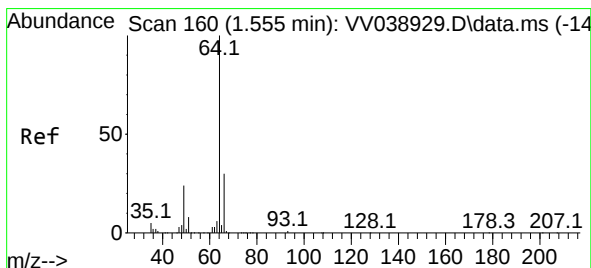
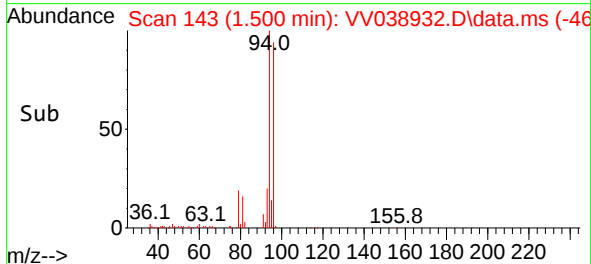
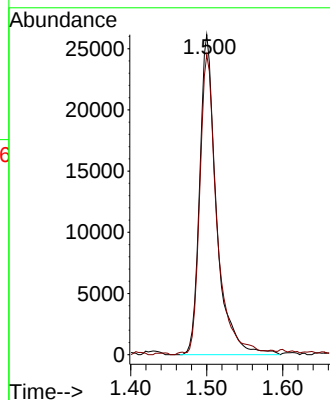
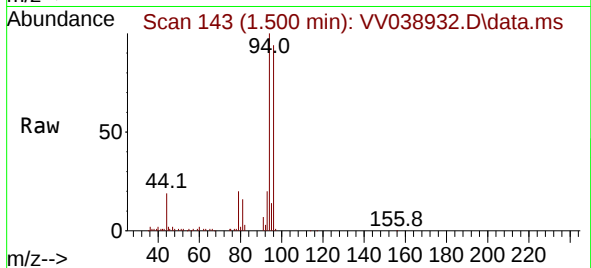




#5
Bromomethane
Concen: 11.541 ug/l
RT: 1.500 min Scan# 14
Delta R.T. 0.013 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

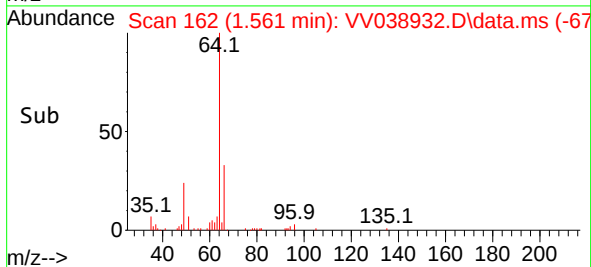
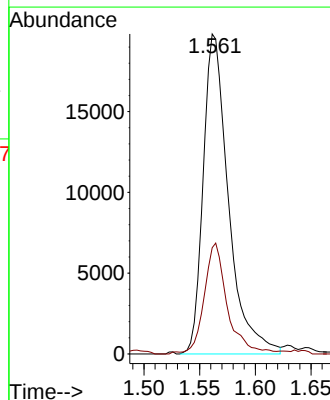
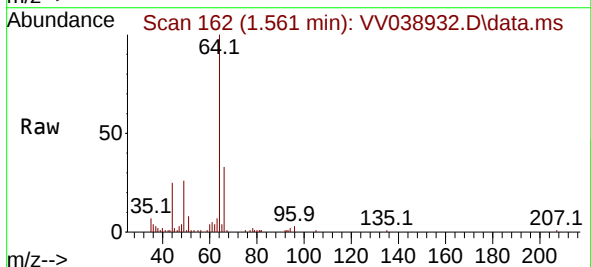
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

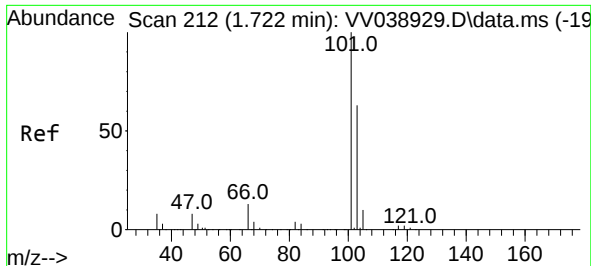
Tgt Ion: 94 Resp: 39964
Ion Ratio Lower Upper
94 100
96 93.0 71.8 107.8



#6
Chloroethane
Concen: 9.856 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 64 Resp: 31314
Ion Ratio Lower Upper
64 100
66 32.7 24.3 36.5

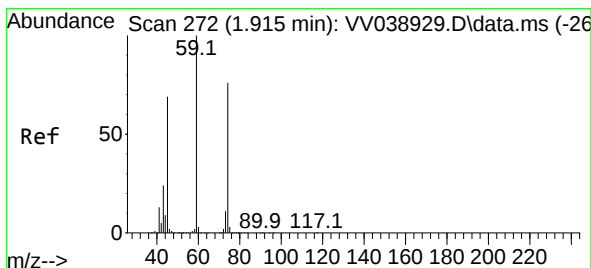
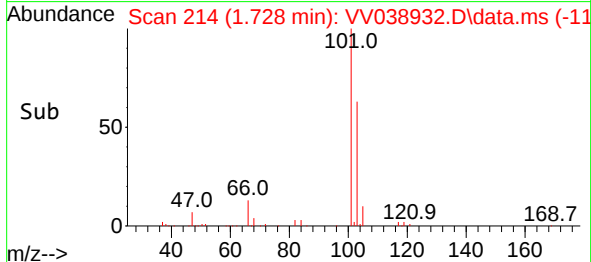
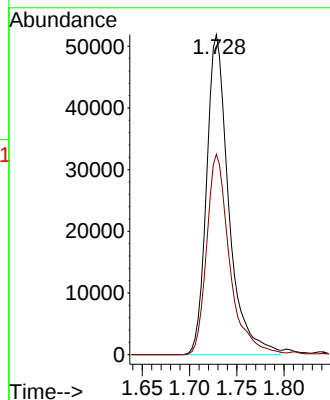
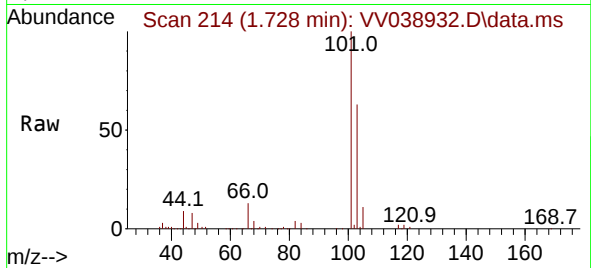




#7
 Trichlorofluoromethane
 Concen: 9.683 ug/l
 RT: 1.728 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VV038932.D
 Acq: 08 Aug 2025 12:43

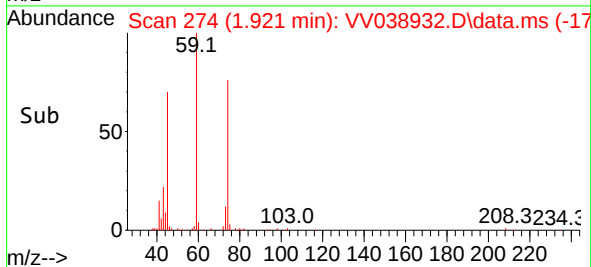
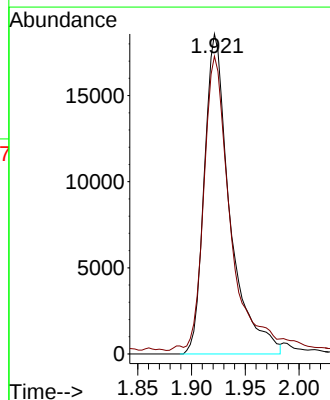
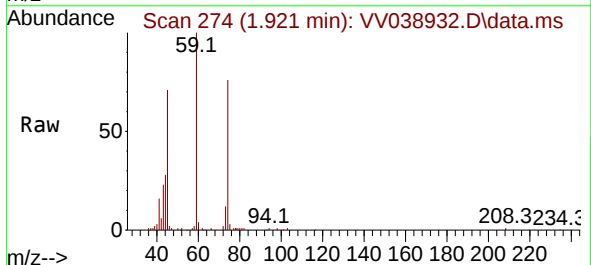
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

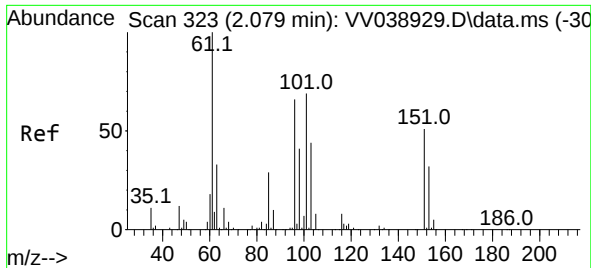
Tgt Ion:101 Resp: 84704
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.8 76.2



#8
 Diethyl Ether
 Concen: 9.425 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.006 min
 Lab File: VV038932.D
 Acq: 08 Aug 2025 12:43

Tgt Ion: 74 Resp: 30744
 Ion Ratio Lower Upper
 74 100
 45 97.6 44.8 134.4

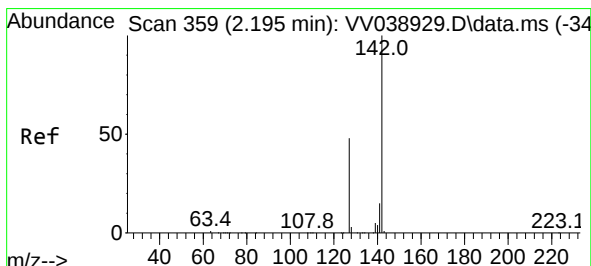
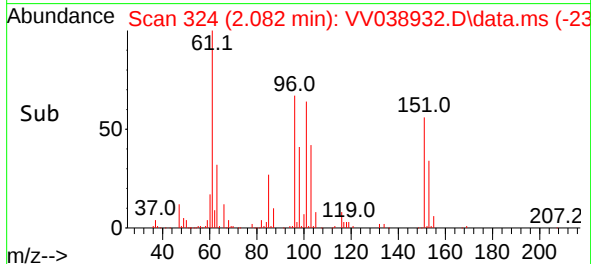
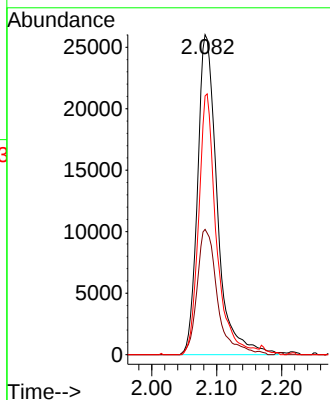
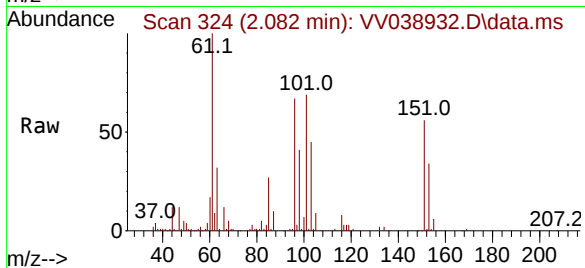




#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.824 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

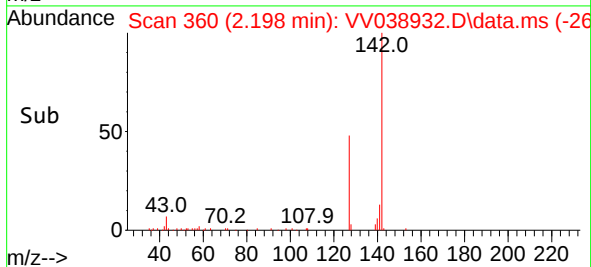
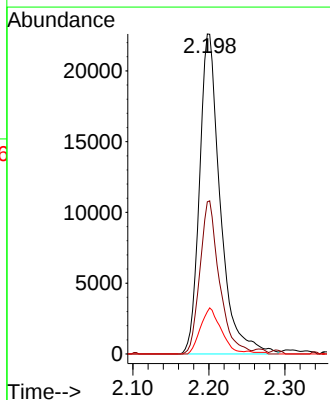
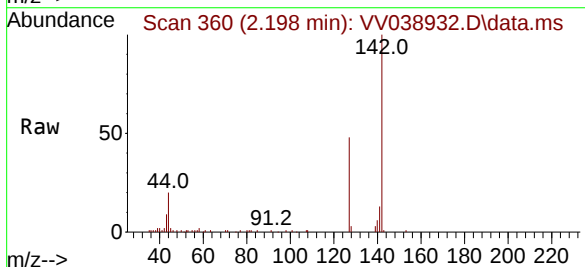
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

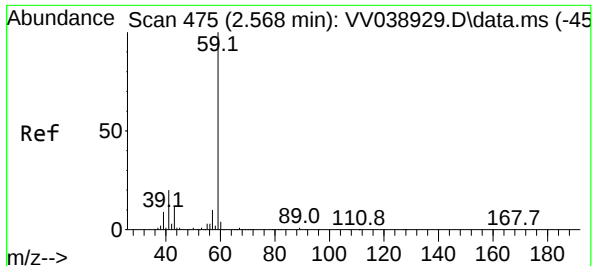
Tgt Ion:101 Resp: 54899
Ion Ratio Lower Upper
101 100
85 40.4 35.1 52.7
151 73.9 60.6 91.0



#10
Methyl Iodide
Concen: 9.792 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion:142 Resp: 42969
Ion Ratio Lower Upper
142 100
127 44.8 38.2 57.2
141 14.2 11.6 17.4





#11

Tert butyl alcohol

Concen: 53.737 ug/l

RT: 2.571 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

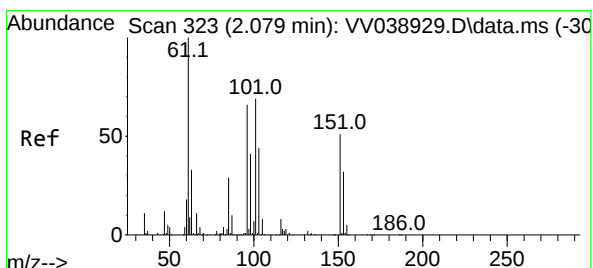
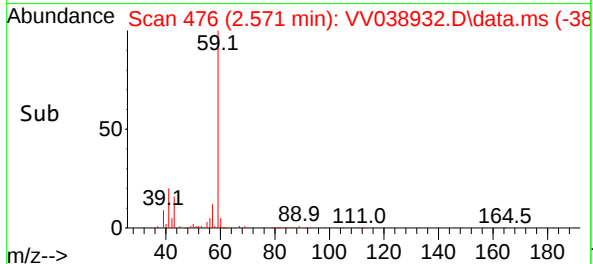
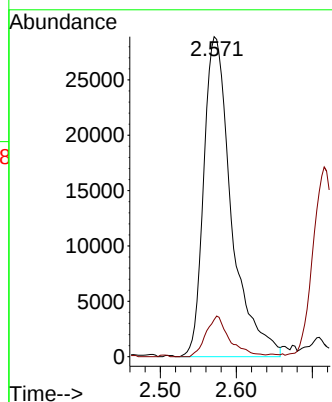
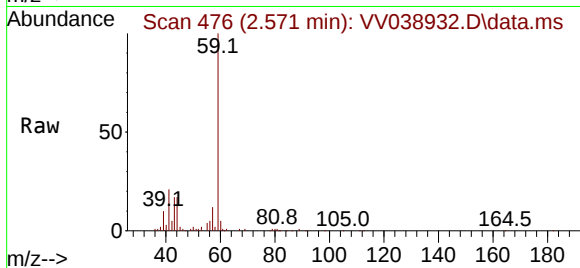
VSTDIC010

Tgt Ion: 59 Resp: 73192

Ion Ratio Lower Upper

59 100

57 10.9 8.2 12.2



#12

1,1-Dichloroethene

Concen: 9.972 ug/l

RT: 2.085 min Scan# 325

Delta R.T. 0.006 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

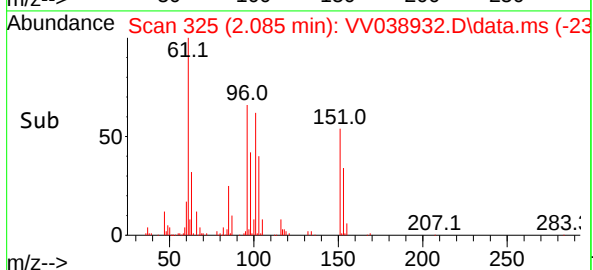
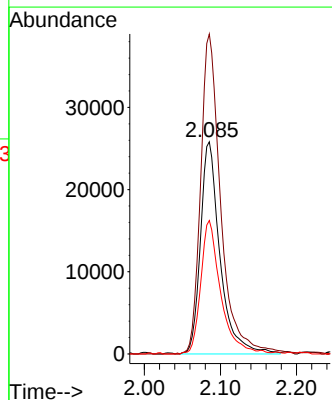
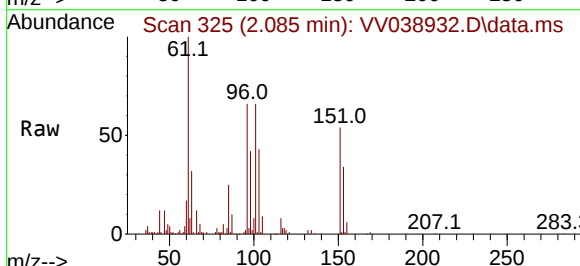
Tgt Ion: 96 Resp: 46183

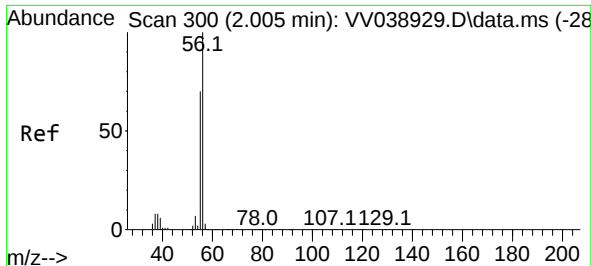
Ion Ratio Lower Upper

96 100

61 150.8 121.0 181.4

98 62.9 49.4 74.2

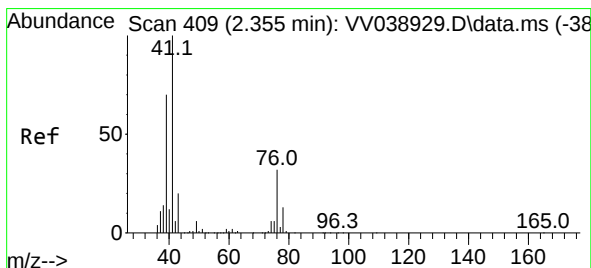
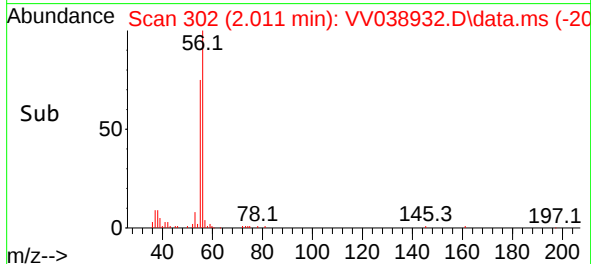
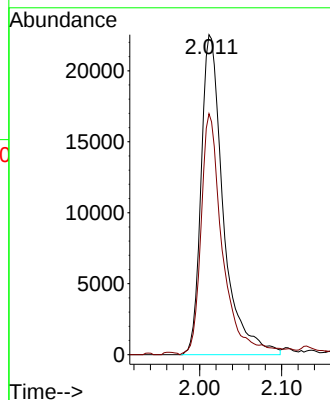
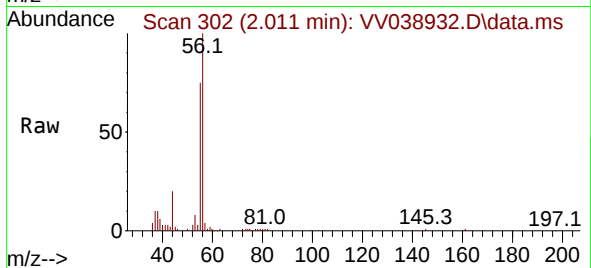




#13
Acrolein
Concen: 44.183 ug/l
RT: 2.011 min Scan# 300
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

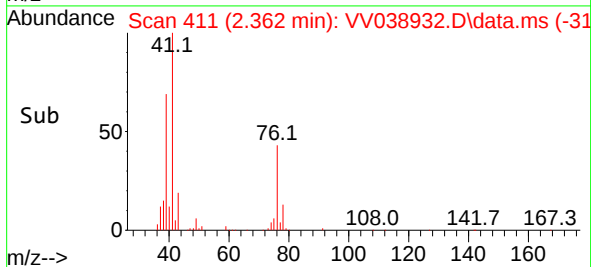
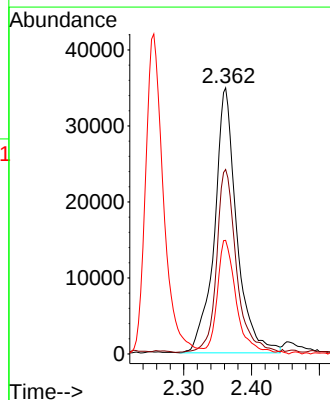
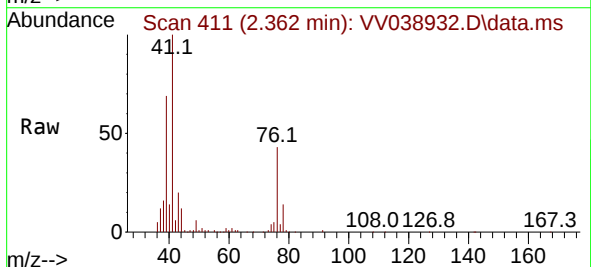
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

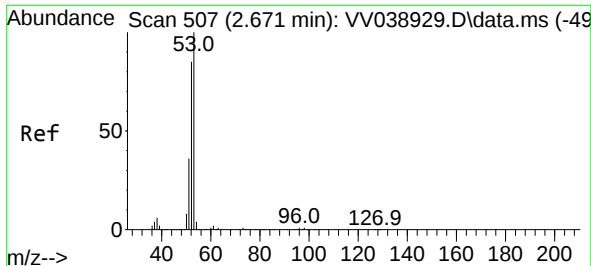
Tgt Ion: 56 Resp: 42447
Ion Ratio Lower Upper
56 100
55 72.7 55.1 82.7



#14
Allyl chloride
Concen: 9.817 ug/l
RT: 2.362 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 41 Resp: 79506
Ion Ratio Lower Upper
41 100
39 61.5 49.9 74.9
76 35.2 29.7 44.5

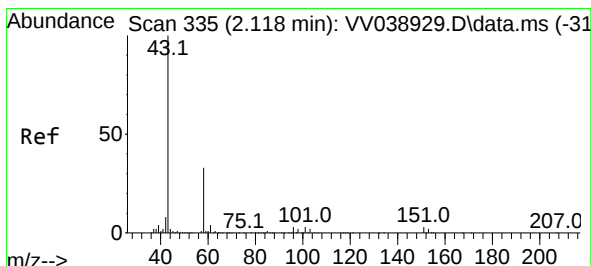
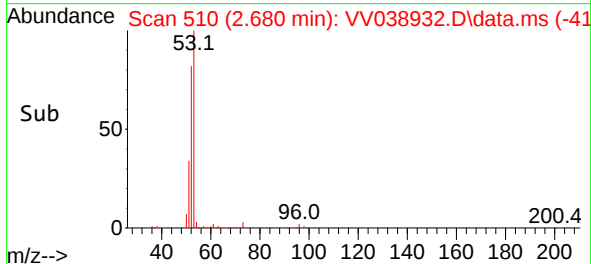
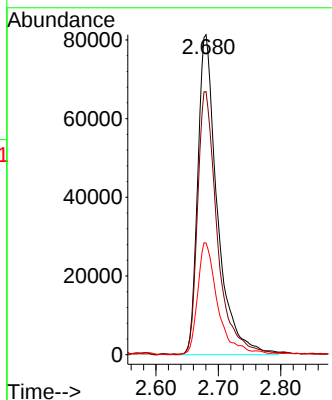
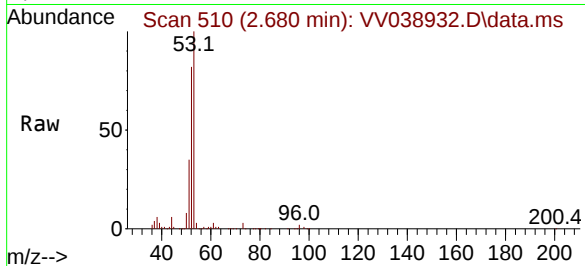




#15
Acrylonitrile
Concen: 49.327 ug/l
RT: 2.680 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

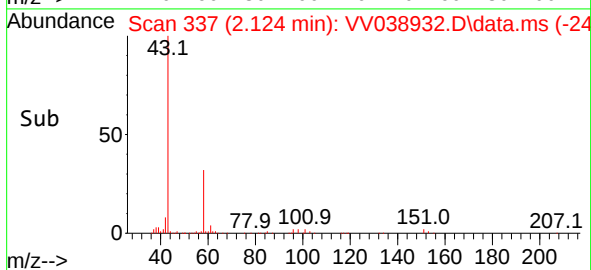
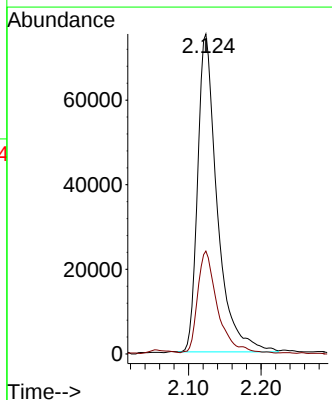
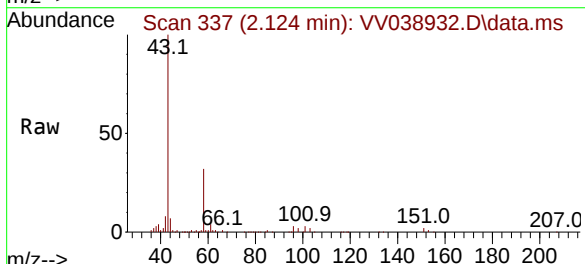
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

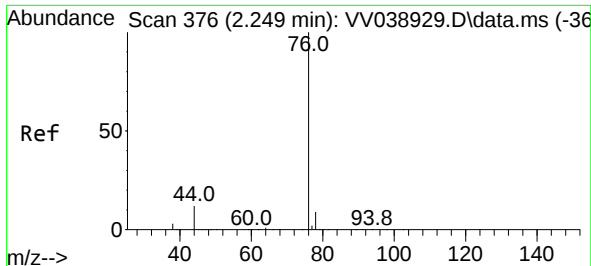
Tgt Ion: 53 Resp: 177372
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 35.5 28.6 43.0



#16
Acetone
Concen: 48.727 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 43 Resp: 140862
Ion Ratio Lower Upper
43 100
58 32.0 26.8 40.2

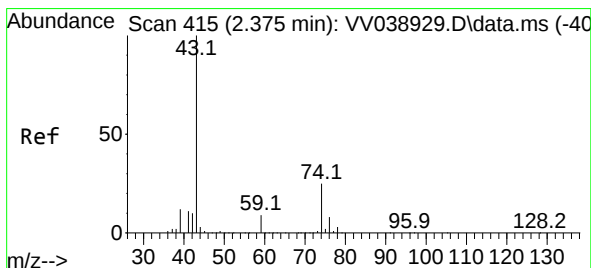
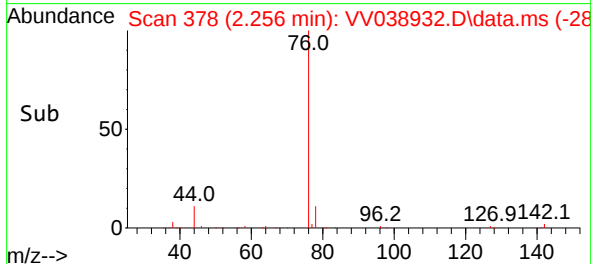
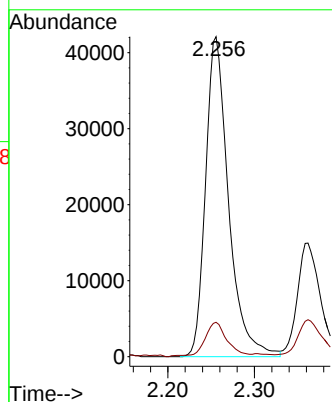
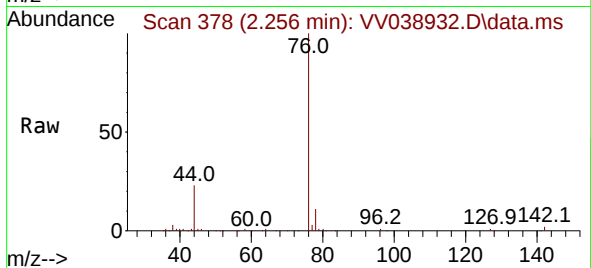




#17
Carbon Disulfide
Concen: 10.391 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

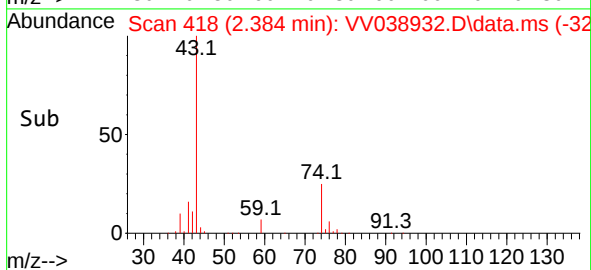
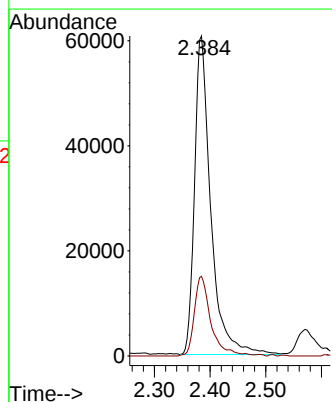
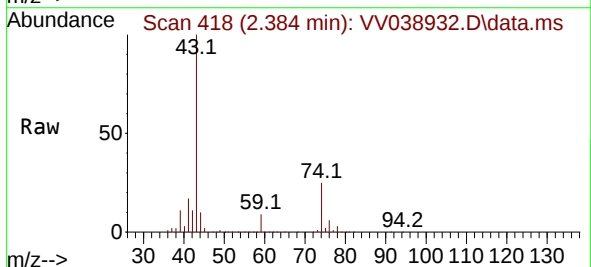
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

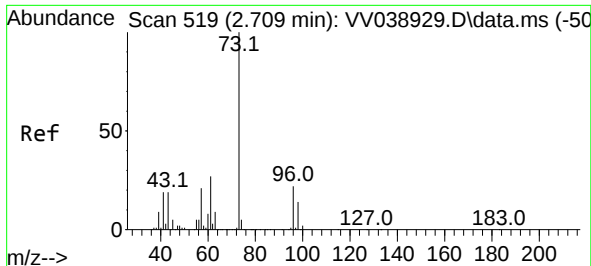
Tgt Ion: 76 Resp: 77710
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.2



#18
Methyl Acetate
Concen: 10.941 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.009 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 43 Resp: 122602
Ion Ratio Lower Upper
43 100
74 25.1 20.6 30.8





#19

Methyl tert-butyl Ether

Concen: 9.857 ug/l

RT: 2.715 min Scan# 519

Delta R.T. 0.006 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

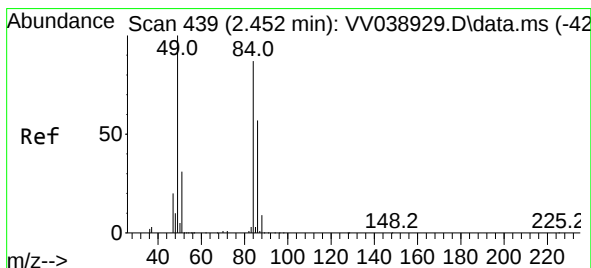
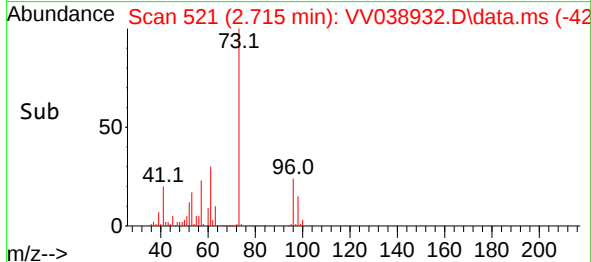
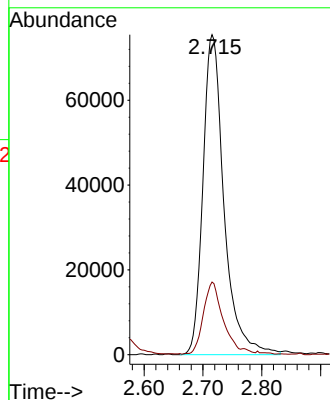
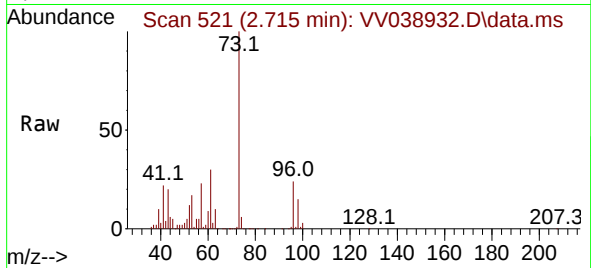
VSTDIC010

Tgt Ion: 73 Resp: 187835

Ion Ratio Lower Upper

73 100

57 22.4 17.0 25.6



#20

Methylene Chloride

Concen: 9.883 ug/l

RT: 2.458 min Scan# 441

Delta R.T. 0.006 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Tgt Ion: 84 Resp: 59251

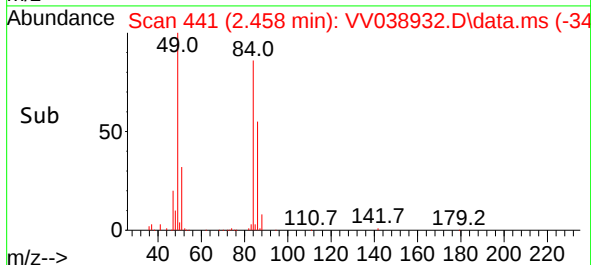
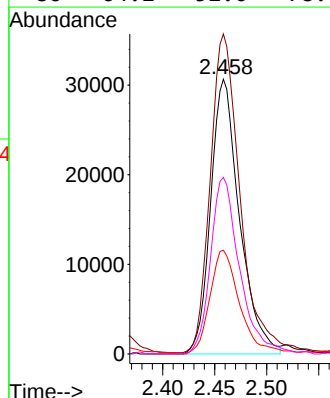
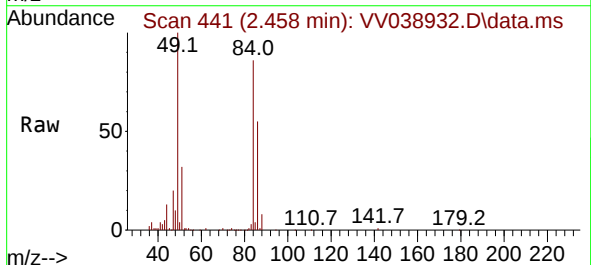
Ion Ratio Lower Upper

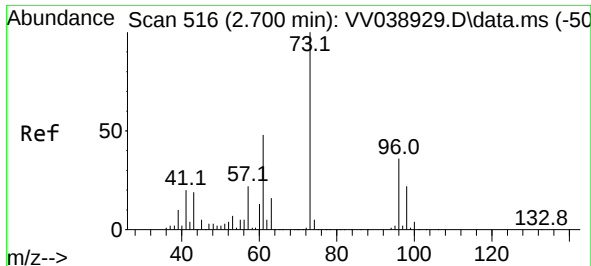
84 100

49 116.1 91.7 137.5

51 37.3 28.3 42.5

86 64.2 52.0 78.0

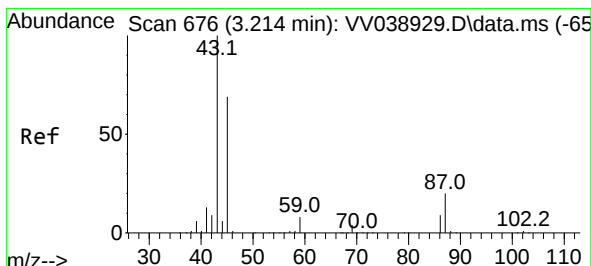
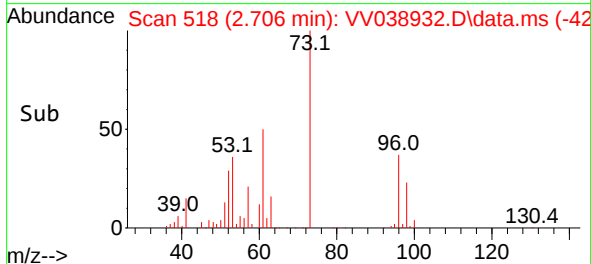
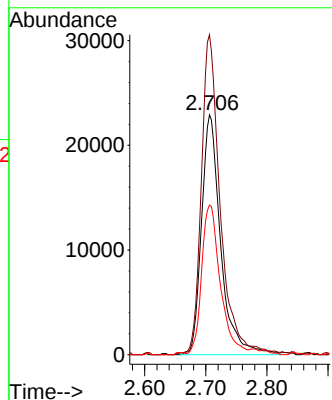
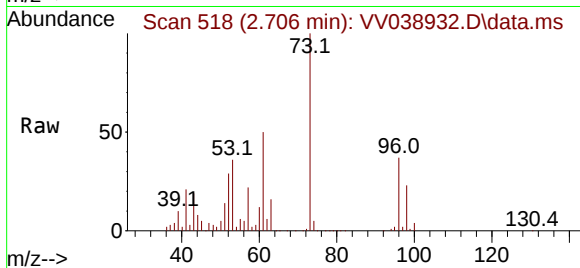




#21
trans-1,2-Dichloroethene
Concen: 9.902 ug/l
RT: 2.706 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

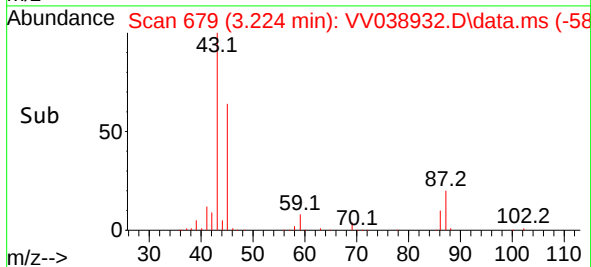
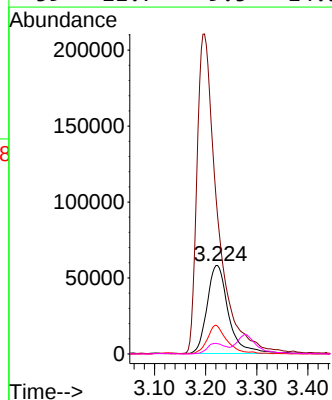
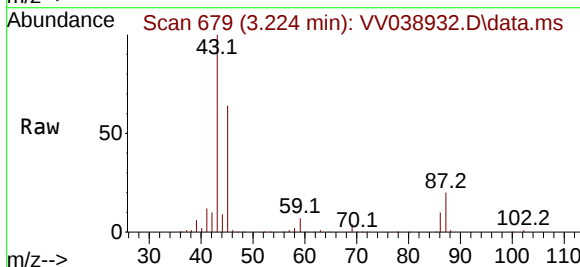
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

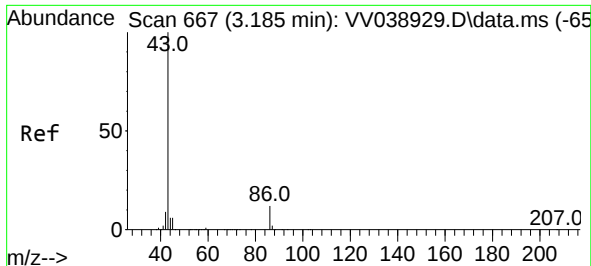
Tgt Ion: 96 Resp: 49846
Ion Ratio Lower Upper
96 100
61 132.8 106.2 159.4
98 62.4 49.8 74.8



#22
Diisopropyl ether
Concen: 10.235 ug/l
RT: 3.224 min Scan# 679
Delta R.T. 0.010 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 45 Resp: 167621
Ion Ratio Lower Upper
45 100
43 155.3 115.3 172.9
87 31.0 23.8 35.6
59 11.7 9.5 14.3

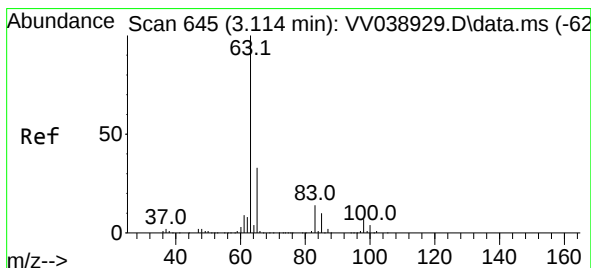
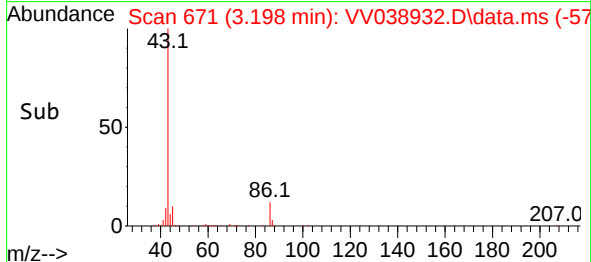
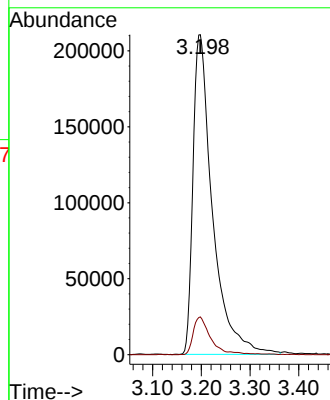
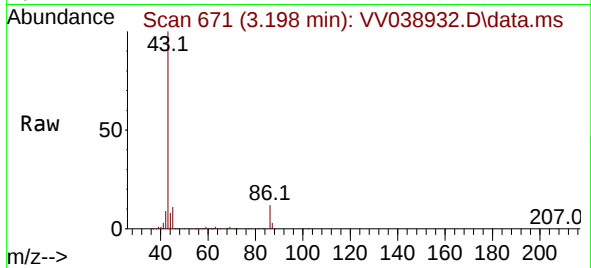




#23
 Vinyl Acetate
 Concen: 48.100 ug/l
 RT: 3.198 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VV038932.D
 Acq: 08 Aug 2025 12:43

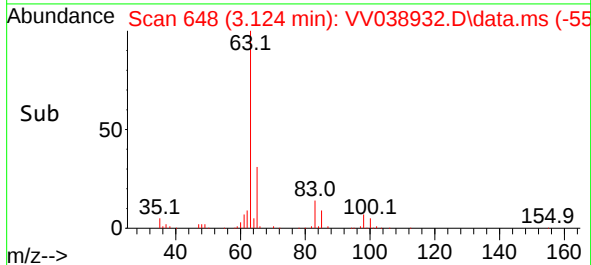
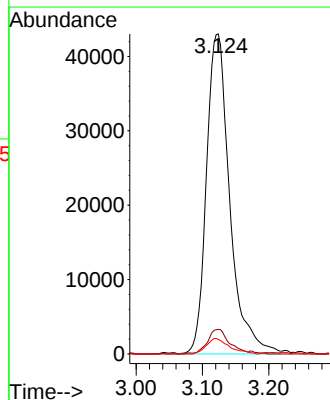
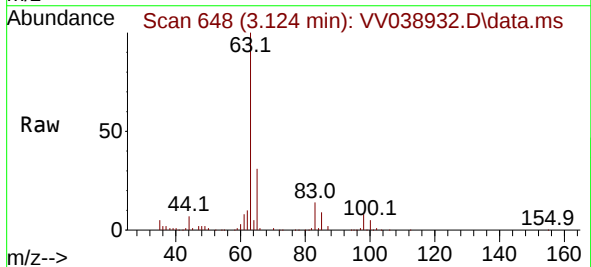
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

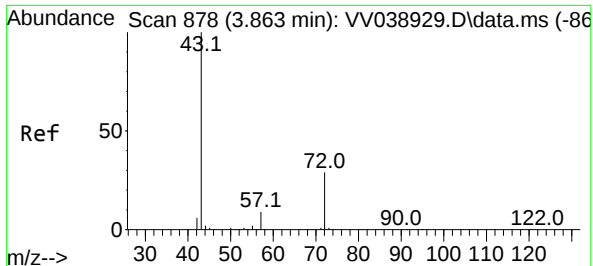
Tgt Ion: 43 Resp: 585194
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 10.012 ug/l
 RT: 3.124 min Scan# 648
 Delta R.T. 0.010 min
 Lab File: VV038932.D
 Acq: 08 Aug 2025 12:43

Tgt Ion: 63 Resp: 105166
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 4.6 2.2 6.6

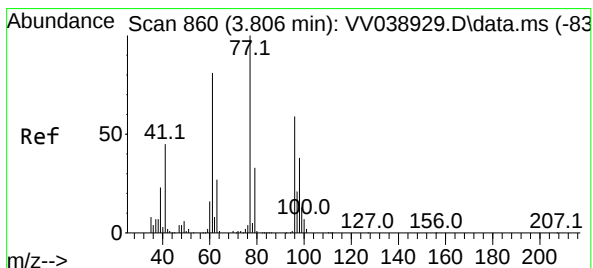
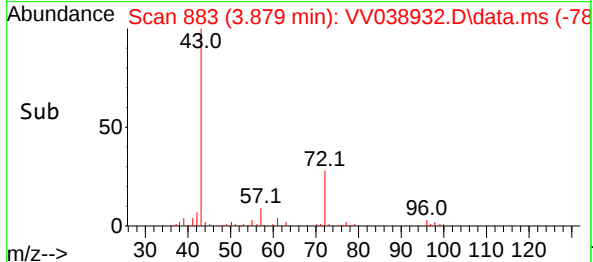
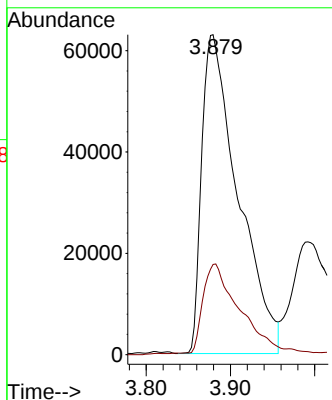
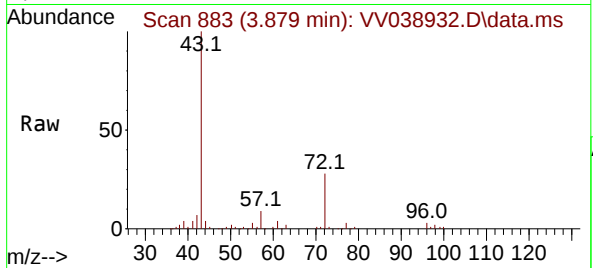




#25
2-Butanone
Concen: 51.484 ug/l
RT: 3.879 min Scan# 81
Delta R.T. 0.016 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

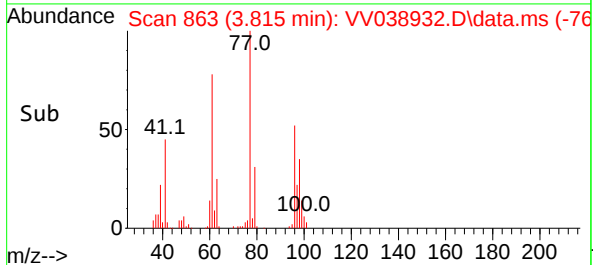
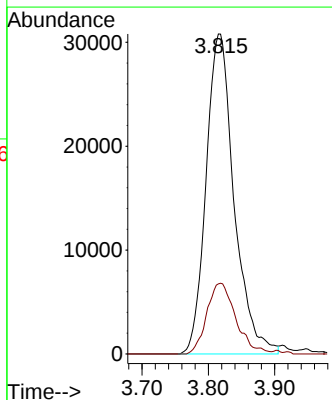
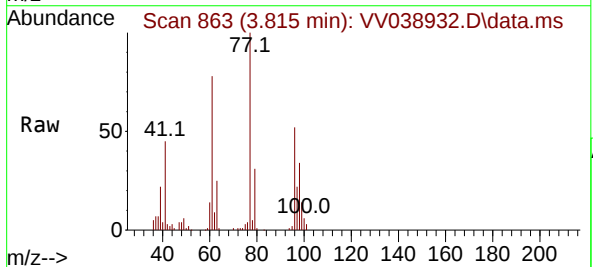
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

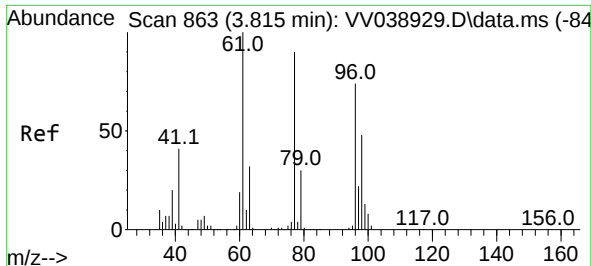
Tgt Ion: 43 Resp: 189160
Ion Ratio Lower Upper
43 100
72 27.8 23.5 35.3



#26
2,2-Dichloropropane
Concen: 9.711 ug/l
RT: 3.815 min Scan# 863
Delta R.T. 0.010 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 77 Resp: 90378
Ion Ratio Lower Upper
77 100
97 22.9 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 9.586 ug/l

RT: 3.825 min Scan# 866

Delta R.T. 0.010 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

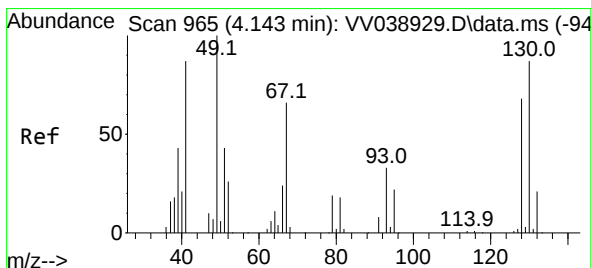
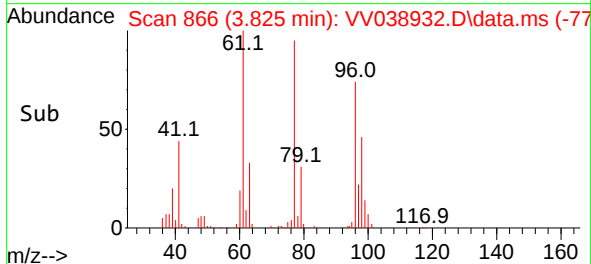
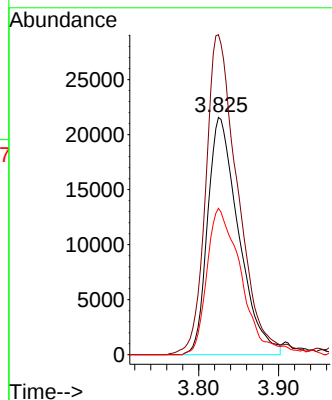
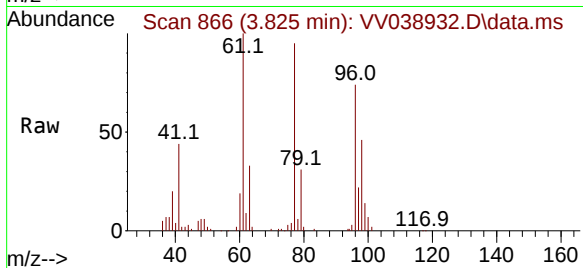
Tgt Ion: 96 Resp: 58135

Ion Ratio Lower Upper

96 100

61 138.4 0.0 270.4

98 68.4 0.0 128.0



#28

Bromochloromethane

Concen: 8.925 ug/l

RT: 4.153 min Scan# 968

Delta R.T. 0.010 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

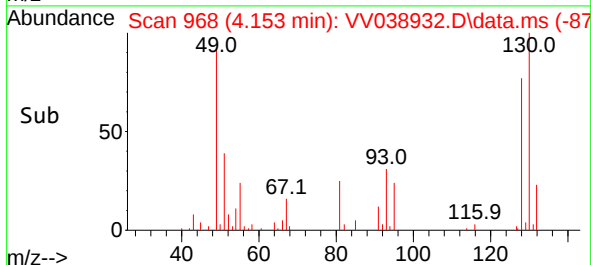
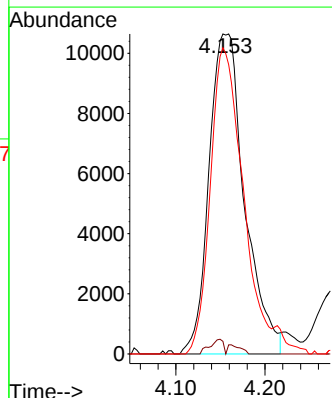
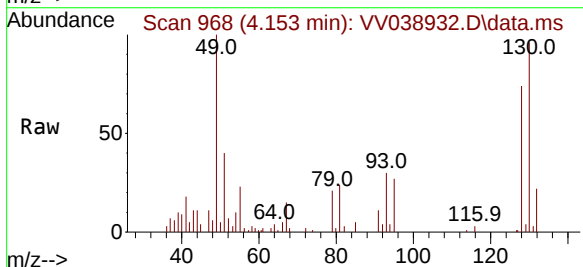
Tgt Ion: 49 Resp: 29520

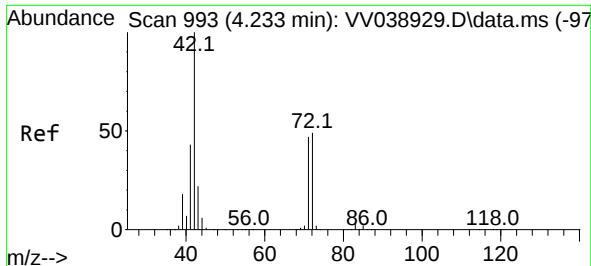
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

130 87.2 70.9 106.3





#29

Tetrahydrofuran

Concen: 48.561 ug/l

RT: 4.246 min Scan# 993

Delta R.T. 0.013 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

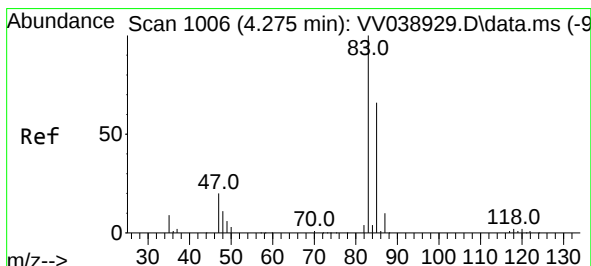
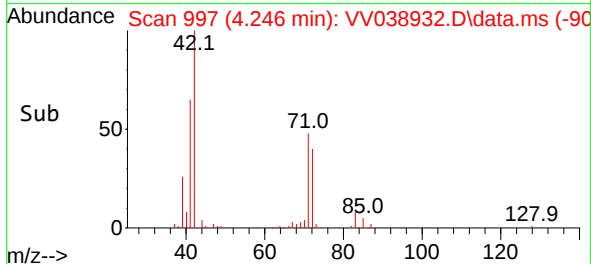
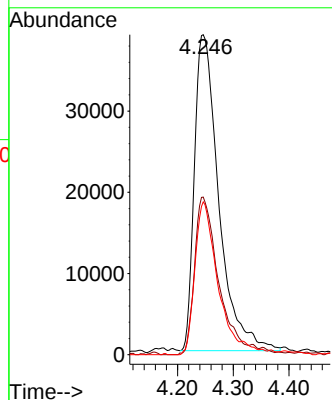
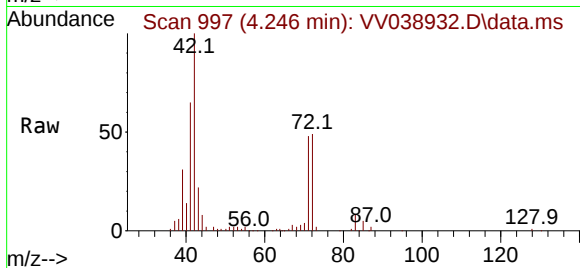
Tgt Ion: 42 Resp: 118451

Ion Ratio Lower Upper

42 100

72 48.5 39.9 59.9

71 45.7 37.4 56.0



#30

Chloroform

Concen: 9.911 ug/l

RT: 4.285 min Scan# 1009

Delta R.T. 0.010 min

Lab File: VV038932.D

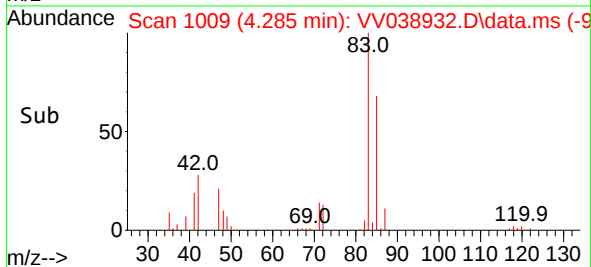
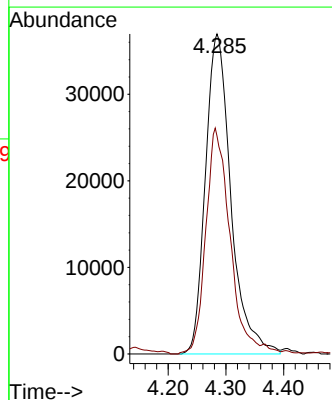
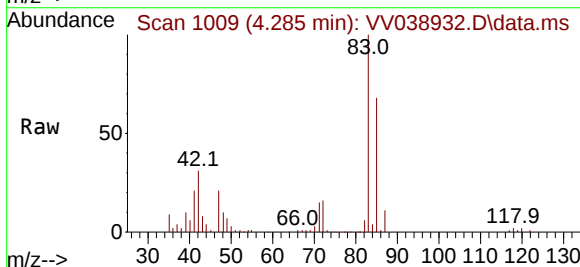
Acq: 08 Aug 2025 12:43

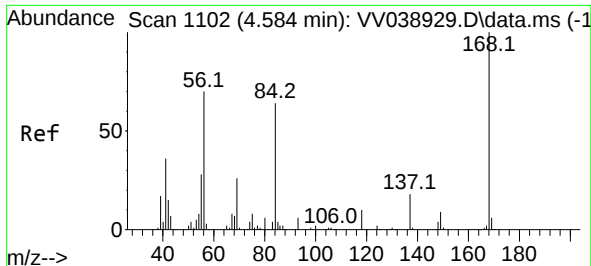
Tgt Ion: 83 Resp: 113268

Ion Ratio Lower Upper

83 100

85 67.7 53.0 79.6

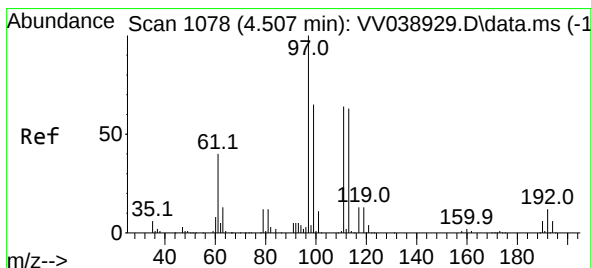
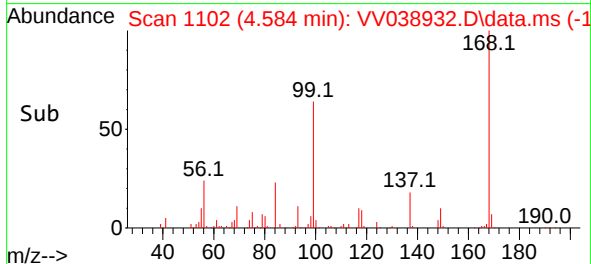
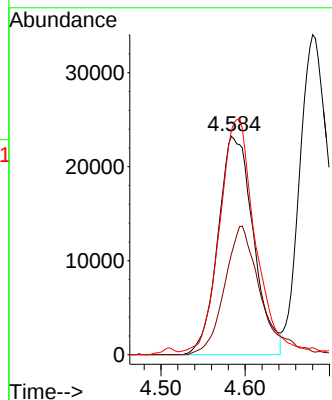
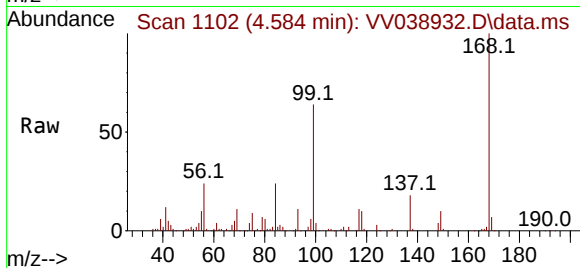




#31
Cyclohexane
Concen: 10.512 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

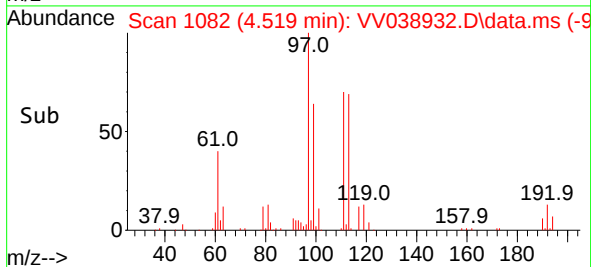
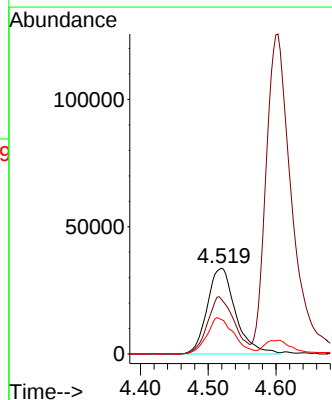
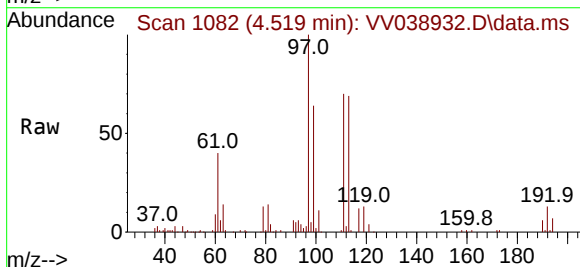
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

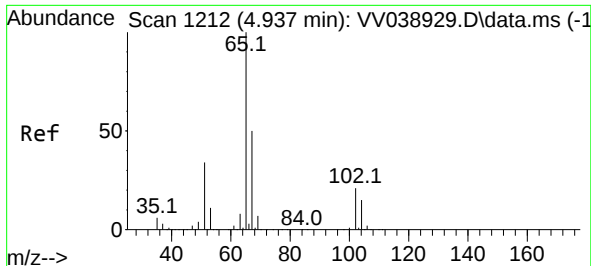
Tgt Ion: 56 Resp: 68009
Ion Ratio Lower Upper
56 100
69 46.1 30.2 45.2#
84 101.1 73.6 110.4



#32
1,1,1-Trichloroethane
Concen: 9.957 ug/l
RT: 4.519 min Scan# 1082
Delta R.T. 0.013 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 97 Resp: 97872
Ion Ratio Lower Upper
97 100
99 62.4 49.8 74.6
61 40.3 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 12.137 ug/l

RT: 4.947 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

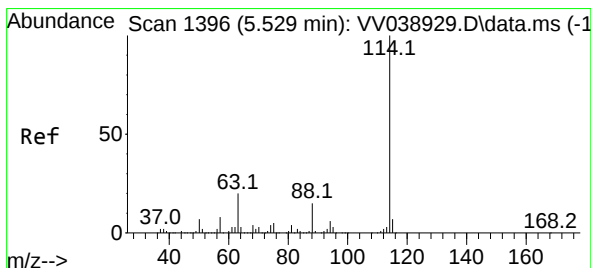
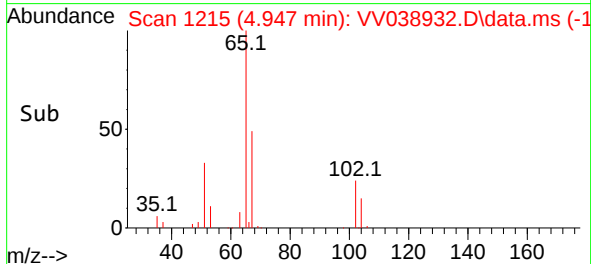
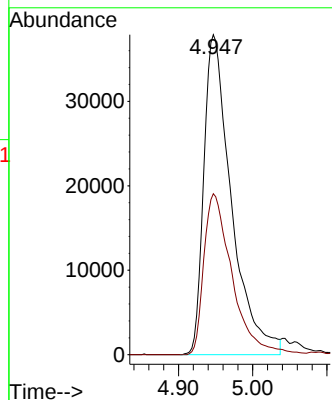
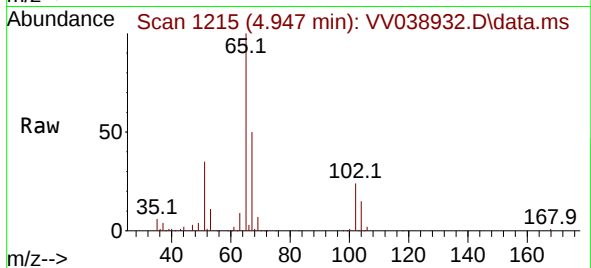
VSTDICC010

Tgt Ion: 65 Resp: 97741

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

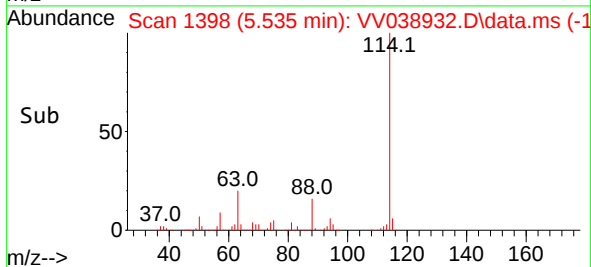
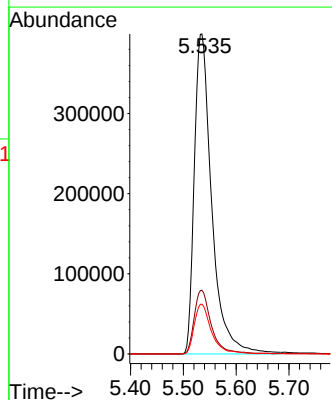
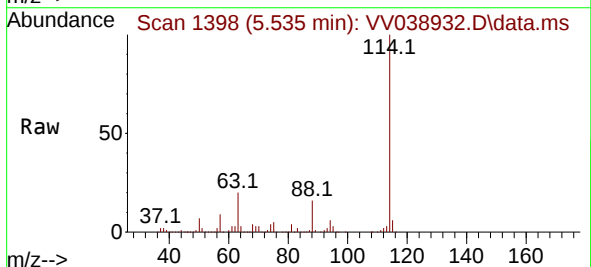
Tgt Ion: 114 Resp: 916327

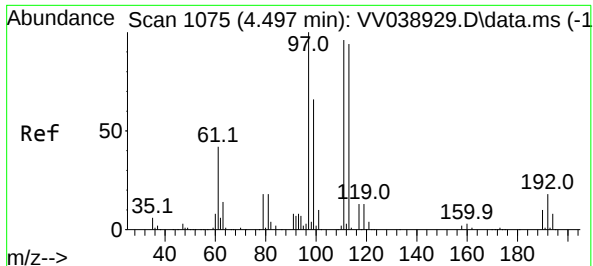
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.6 0.0 30.0

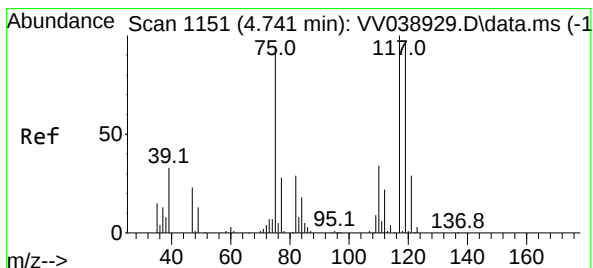
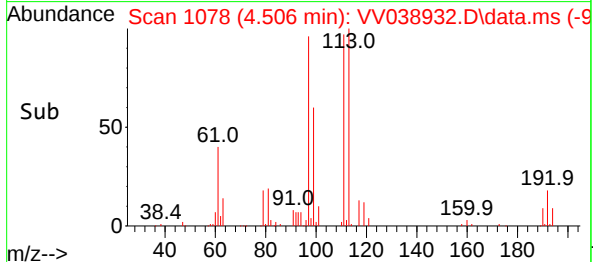
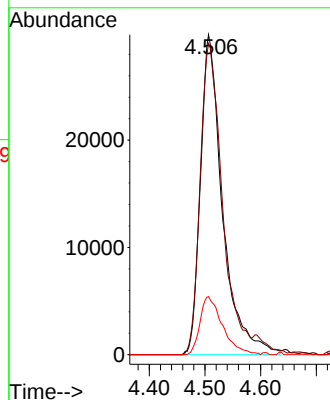
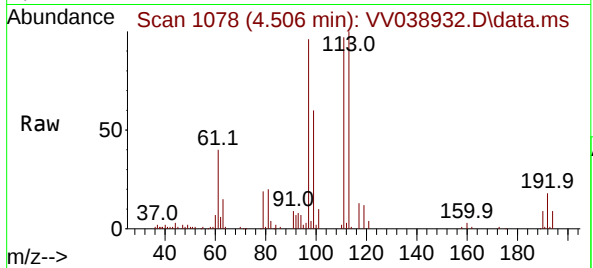




#35
Dibromofluoromethane
Concen: 11.819 ug/l
RT: 4.506 min Scan# 1113
Delta R.T. 0.010 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

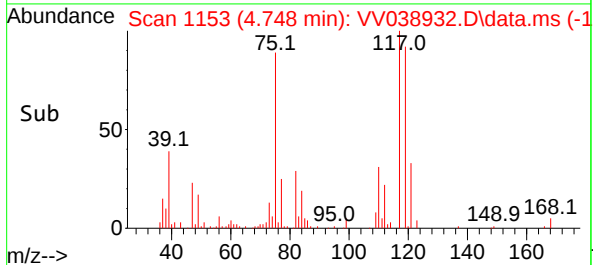
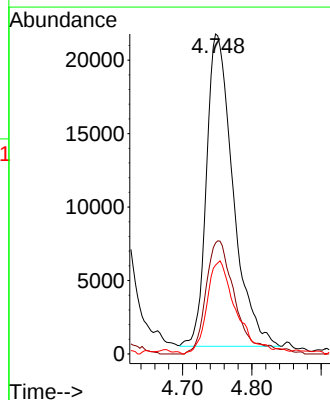
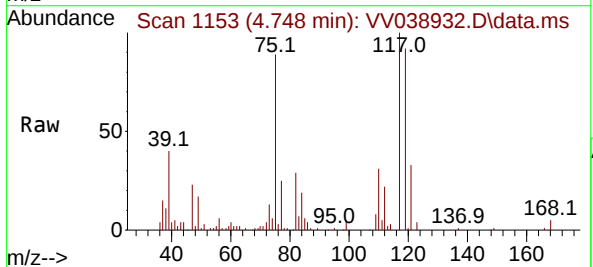
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

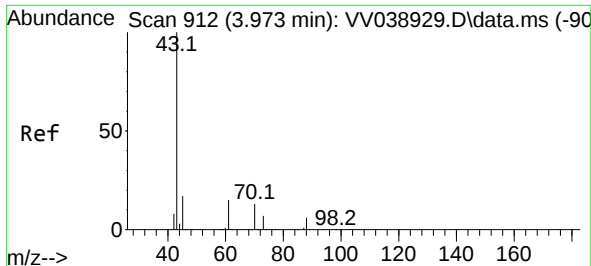
Tgt Ion:113 Resp: 82164
Ion Ratio Lower Upper
113 100
111 97.5 82.2 123.2
192 18.5 14.9 22.3



#36
1,1-Dichloropropene
Concen: 9.237 ug/l
RT: 4.748 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 75 Resp: 56628
Ion Ratio Lower Upper
75 100
110 39.6 19.5 58.5
77 32.3 25.0 37.6

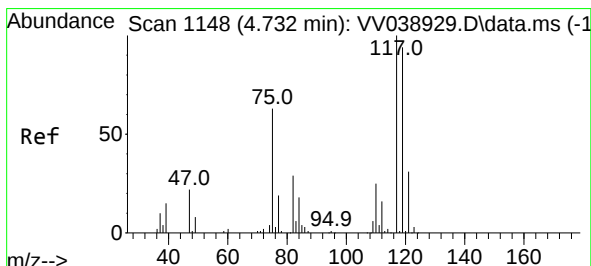
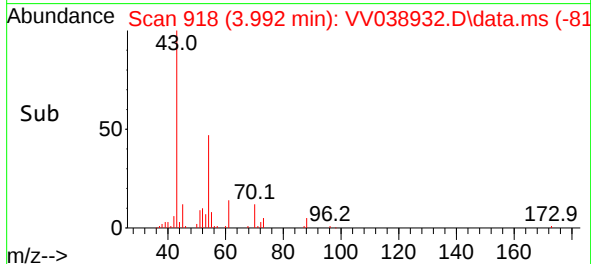
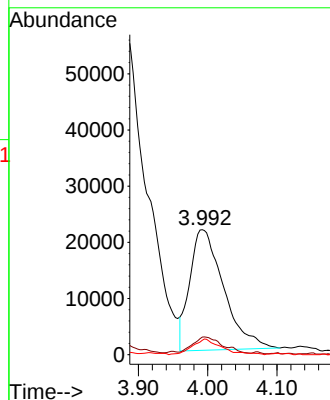
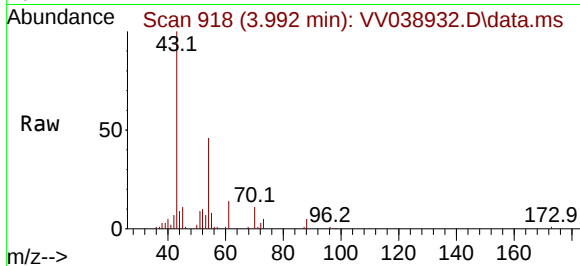




#37
Ethyl Acetate
Concen: 9.064 ug/l
RT: 3.992 min Scan# 912
Delta R.T. 0.019 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

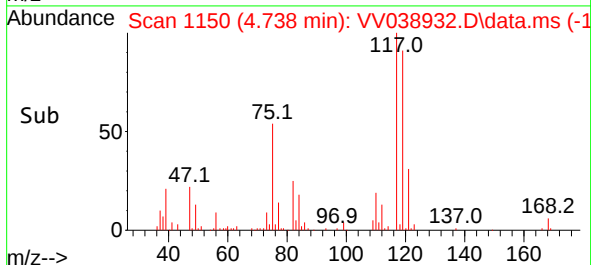
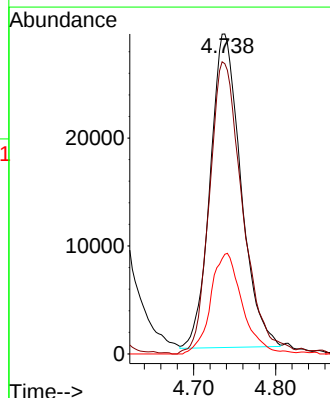
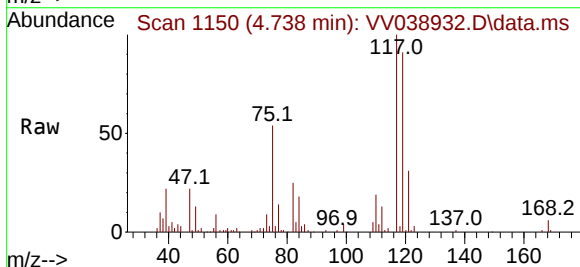
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

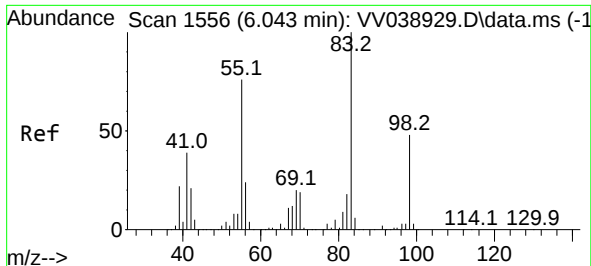
Tgt Ion: 43 Resp: 72982
Ion Ratio Lower Upper
43 100
61 11.5 12.0 18.0#
70 11.1 8.6 13.0



#38
Carbon Tetrachloride
Concen: 9.260 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 117 Resp: 75774
Ion Ratio Lower Upper
117 100
119 92.2 74.9 112.3
121 31.9 24.6 36.8

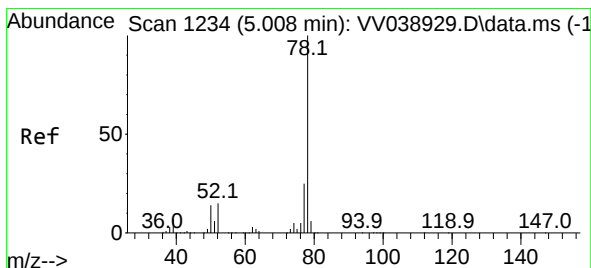
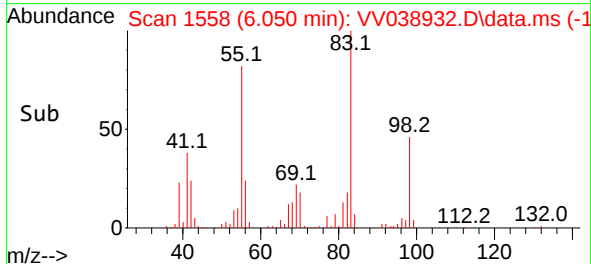
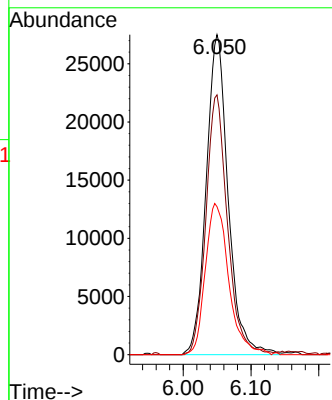
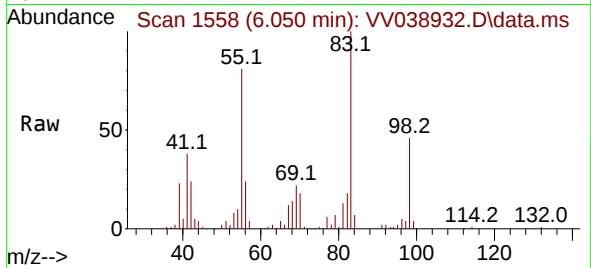




#39
Methylcyclohexane
Concen: 9.220 ug/l
RT: 6.050 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

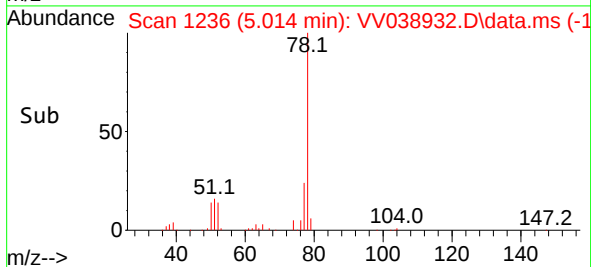
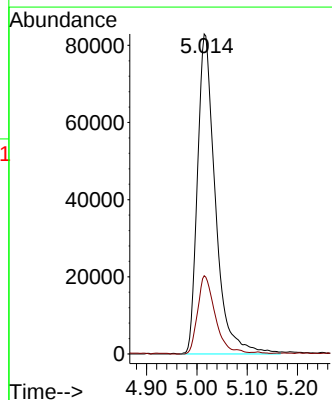
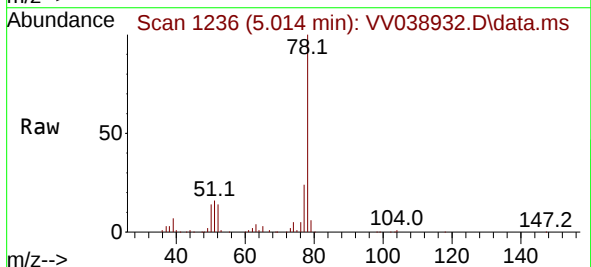
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

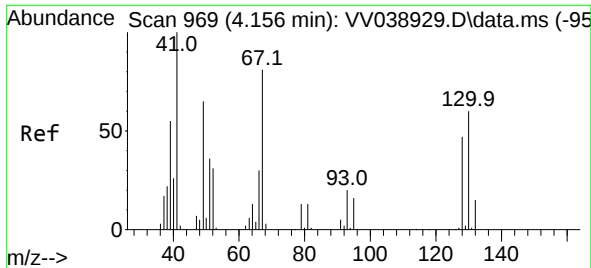
Tgt Ion: 83 Resp: 61848
Ion Ratio Lower Upper
83 100
55 81.2 60.8 91.2
98 46.3 38.6 57.8



#40
Benzene
Concen: 10.060 ug/l
RT: 5.014 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 78 Resp: 205173
Ion Ratio Lower Upper
78 100
77 24.4 19.6 29.4

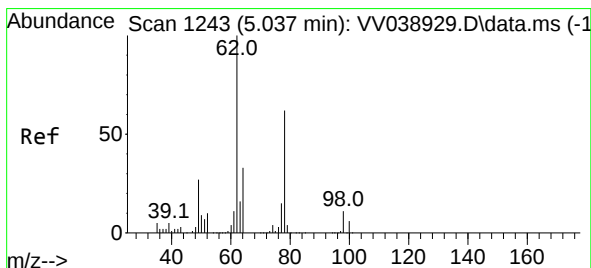
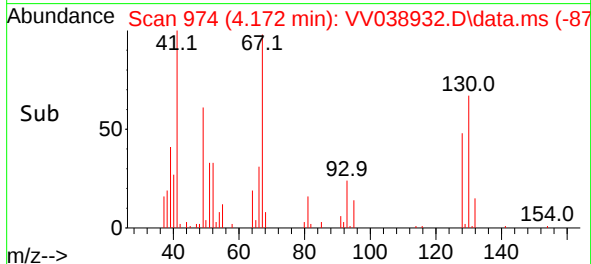
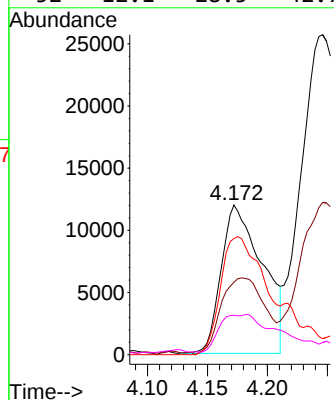
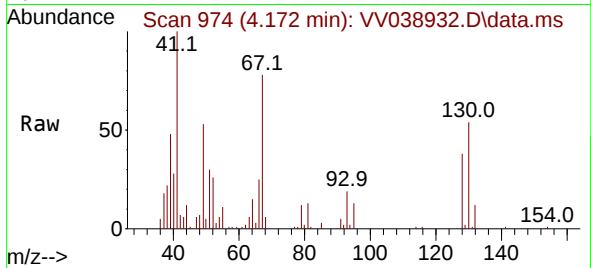




#41
Methacrylonitrile
Concen: 8.652 ug/l
RT: 4.172 min Scan# 91
Delta R.T. 0.016 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

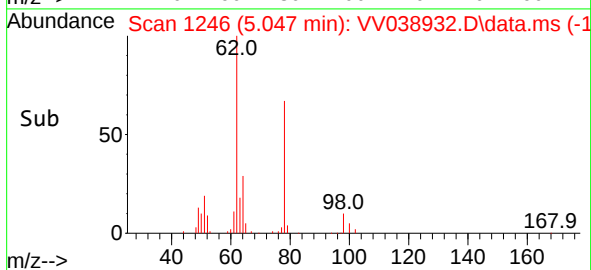
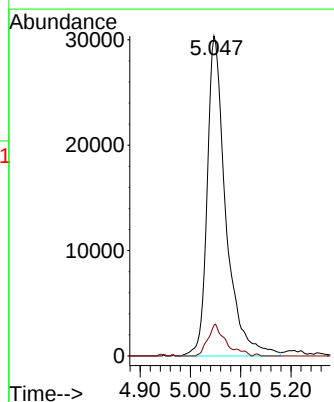
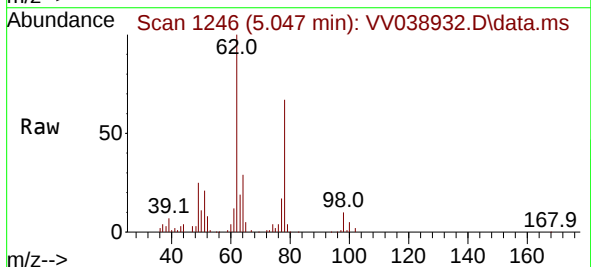
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

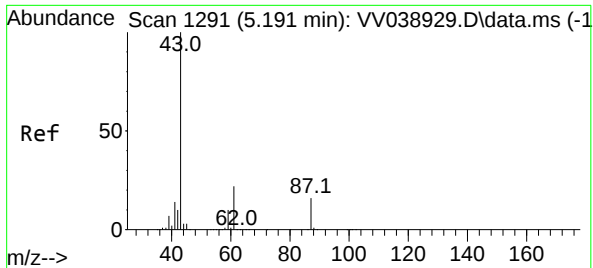
Tgt Ion: 41 Resp: 28591
Ion Ratio Lower Upper
41 100
39 54.6 41.8 62.6
67 83.6 72.6 109.0
52 12.1 28.5 42.7#



#42
1,2-Dichloroethane
Concen: 9.863 ug/l
RT: 5.047 min Scan# 1246
Delta R.T. 0.010 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 62 Resp: 78152
Ion Ratio Lower Upper
62 100
98 8.4 0.0 19.6

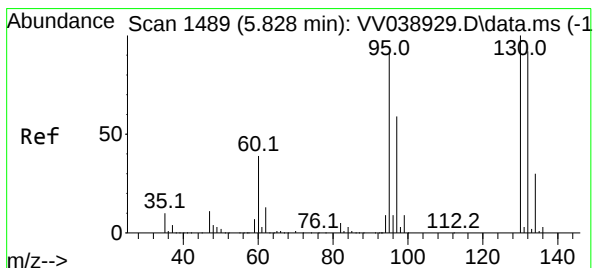
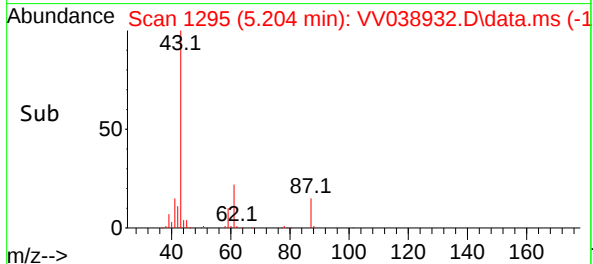
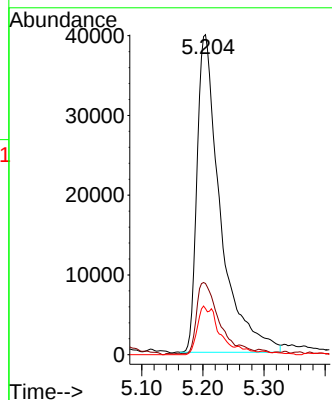
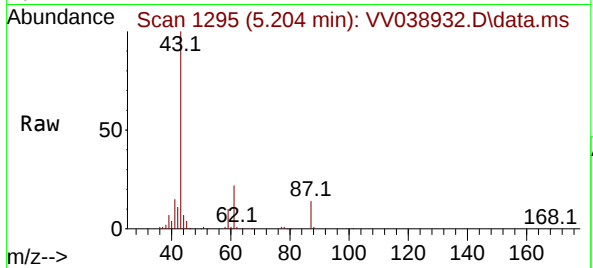




#43
Isopropyl Acetate
Concen: 9.289 ug/l
RT: 5.204 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

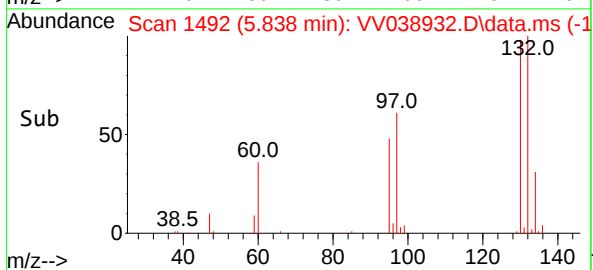
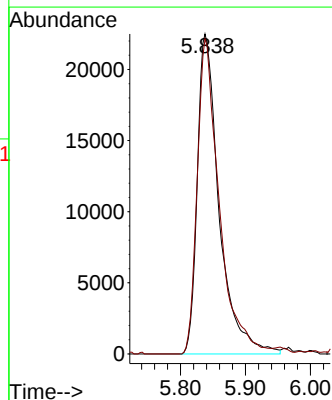
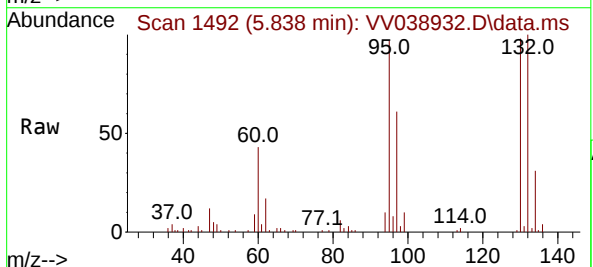
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

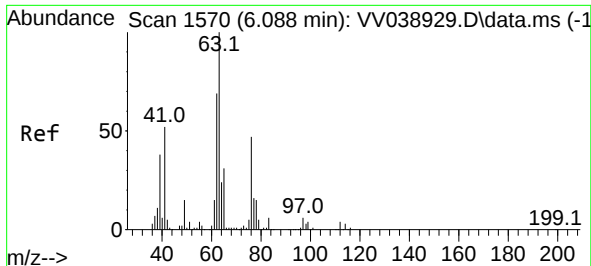
Tgt Ion: 43 Resp: 105605
Ion Ratio Lower Upper
43 100
61 20.3 17.0 25.6
87 6.6 12.2 18.4#



#44
Trichloroethene
Concen: 9.783 ug/l
RT: 5.838 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion:130 Resp: 52503
Ion Ratio Lower Upper
130 100
95 98.4 0.0 181.2





#45

1,2-Dichloropropane

Concen: 10.147 ug/l

RT: 6.095 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

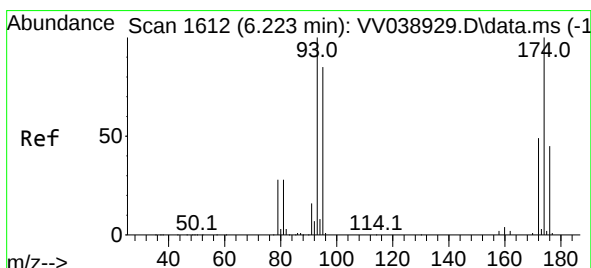
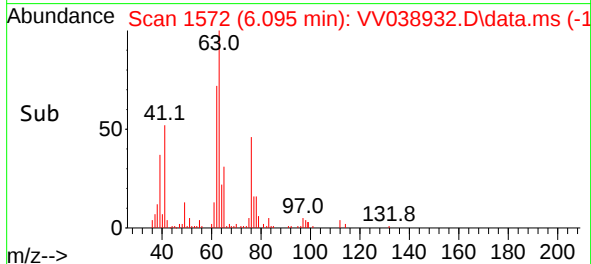
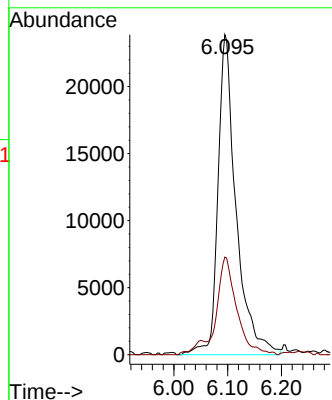
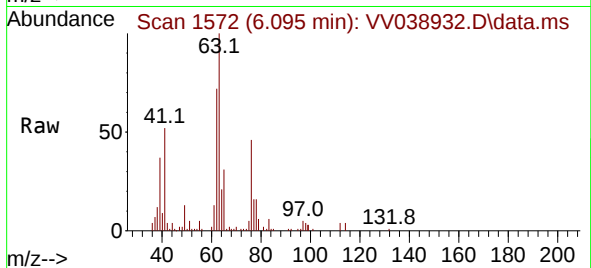
VSTDIC010

Tgt Ion: 63 Resp: 55965

Ion Ratio Lower Upper

63 100

65 30.1 25.0 37.6



#46

Dibromomethane

Concen: 9.867 ug/l

RT: 6.233 min Scan# 1615

Delta R.T. 0.010 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

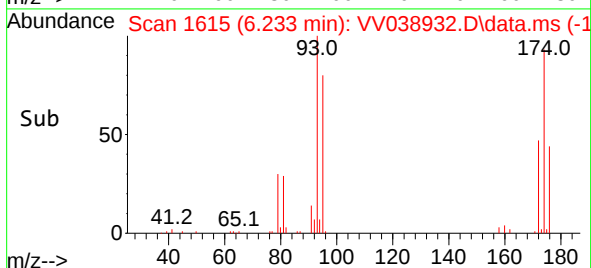
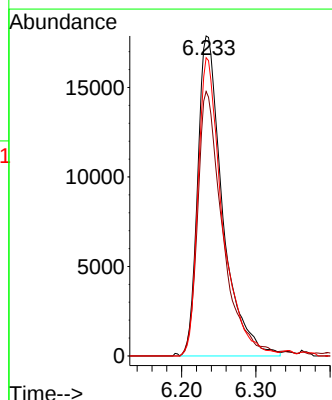
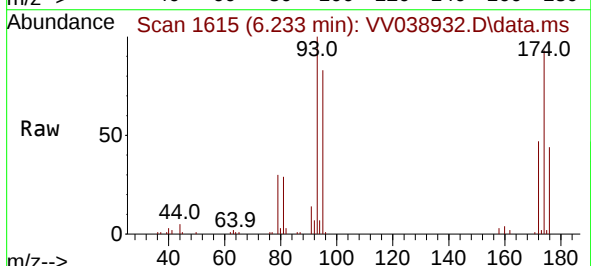
Tgt Ion: 93 Resp: 41600

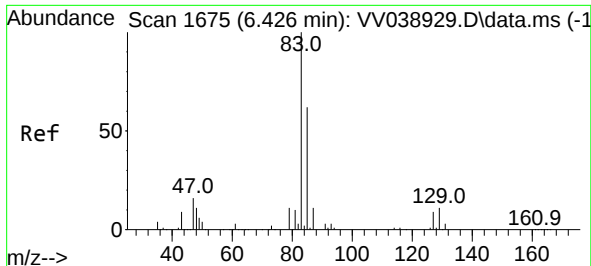
Ion Ratio Lower Upper

93 100

95 82.9 67.8 101.6

174 91.5 77.4 116.0

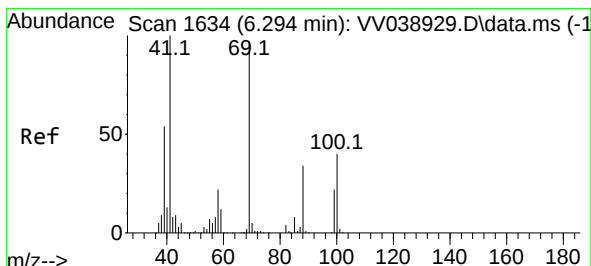
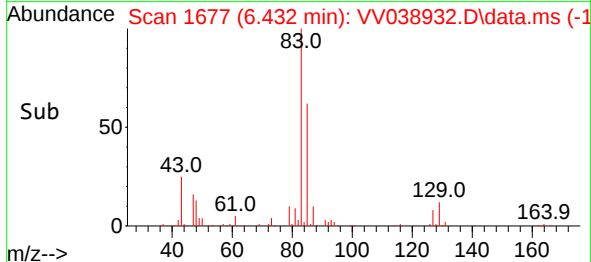
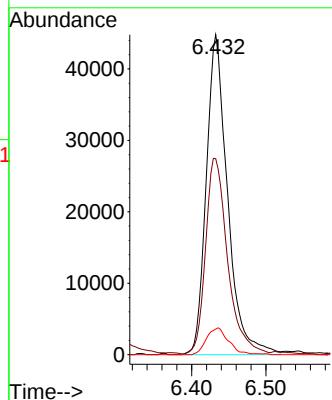
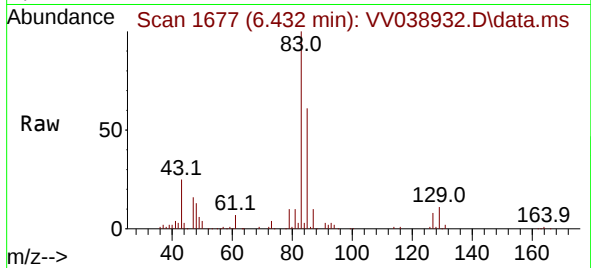




#47
 Bromodichloromethane
 Concen: 9.532 ug/l
 RT: 6.432 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VV038932.D
 Acq: 08 Aug 2025 12:43

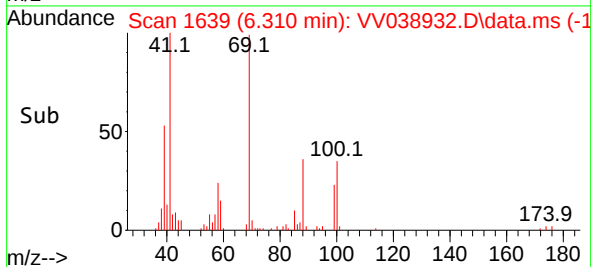
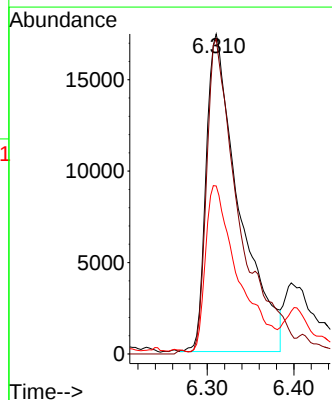
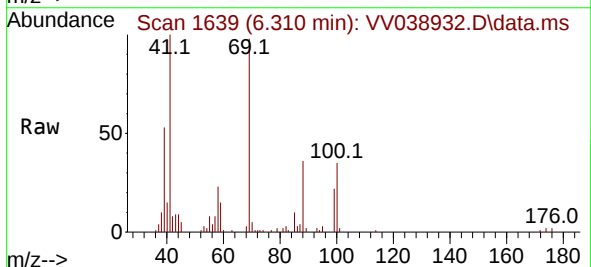
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

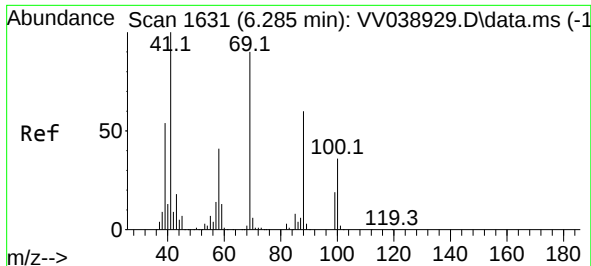
Tgt Ion: 83 Resp: 89288
 Ion Ratio Lower Upper
 83 100
 85 60.9 49.8 74.6
 127 8.0 7.1 10.7



#48
 Methyl methacrylate
 Concen: 9.455 ug/l
 RT: 6.310 min Scan# 1639
 Delta R.T. 0.016 min
 Lab File: VV038932.D
 Acq: 08 Aug 2025 12:43

Tgt Ion: 41 Resp: 45858
 Ion Ratio Lower Upper
 41 100
 69 96.7 78.4 117.6
 39 52.1 43.3 64.9





#49

1,4-Dioxane

Concen: 194.785 ug/l

RT: 6.294 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

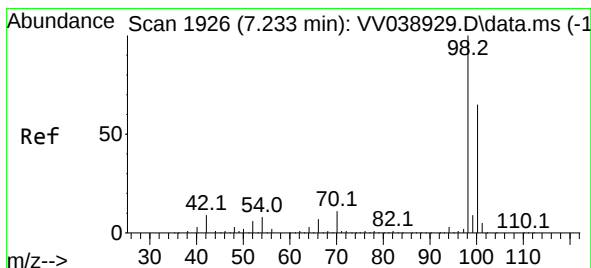
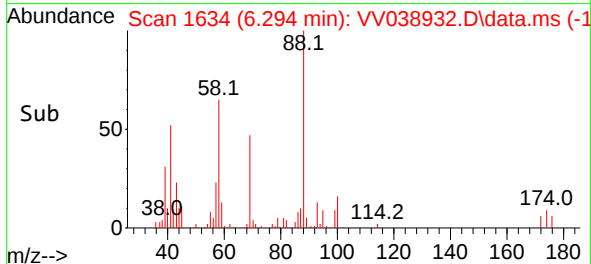
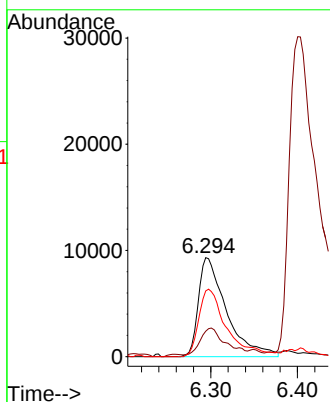
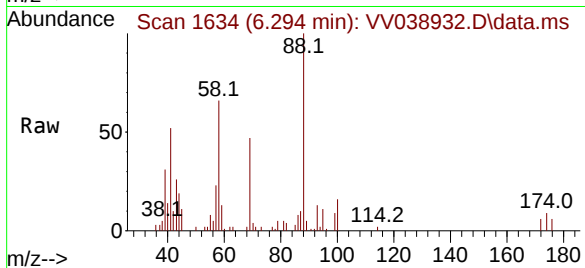
Tgt Ion: 88 Resp: 20951

Ion Ratio Lower Upper

88 100

43 23.8 24.2 36.2#

58 67.9 55.4 83.2



#50

Toluene-d8

Concen: 11.495 ug/l

RT: 7.239 min Scan# 1928

Delta R.T. 0.006 min

Lab File: VV038932.D

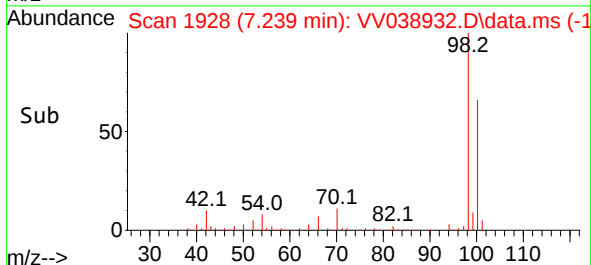
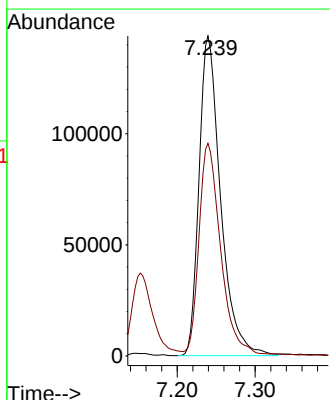
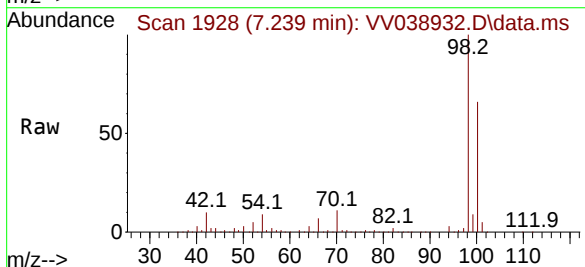
Acq: 08 Aug 2025 12:43

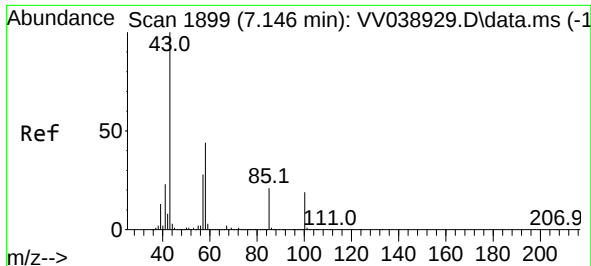
Tgt Ion: 98 Resp: 276752

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8

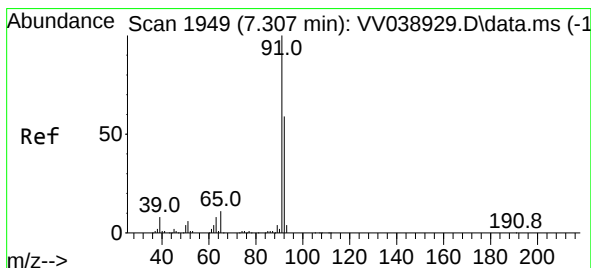
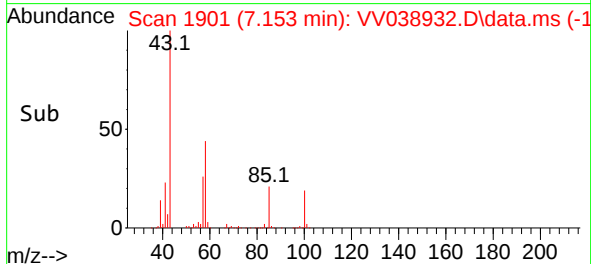
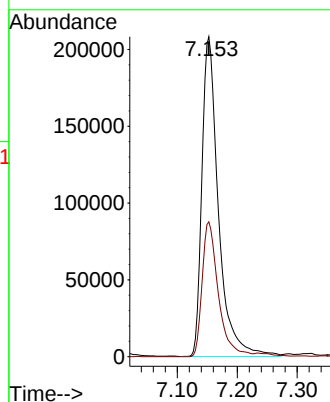
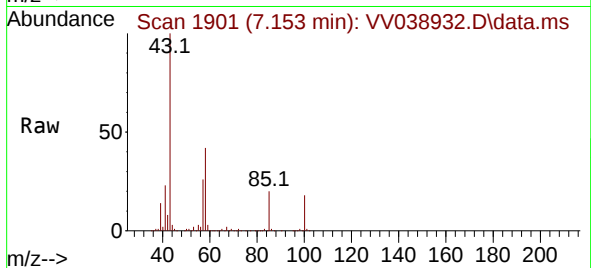




#51
4-Methyl-2-Pentanone
Concen: 50.740 ug/l
RT: 7.153 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

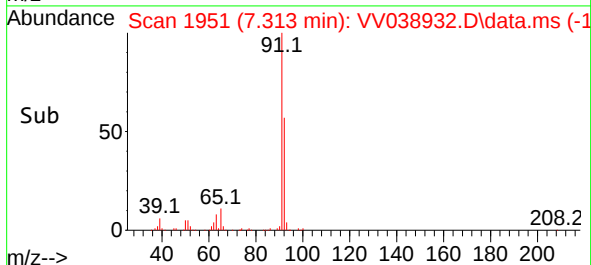
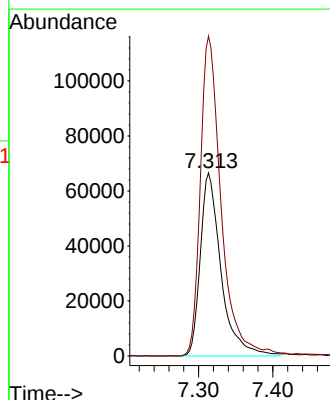
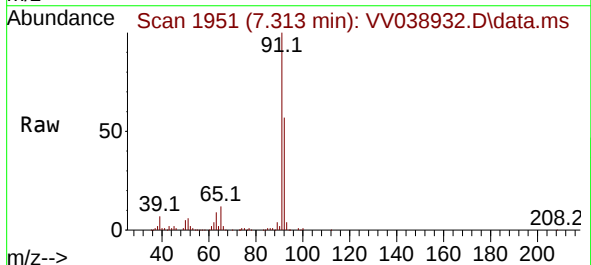
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

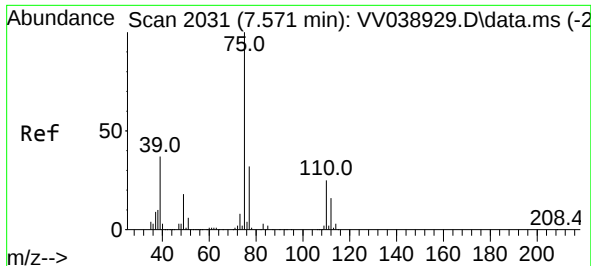
Tgt Ion: 43 Resp: 399855
Ion Ratio Lower Upper
43 100
58 41.2 34.2 51.2



#52
Toluene
Concen: 10.027 ug/l
RT: 7.313 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 92 Resp: 129106
Ion Ratio Lower Upper
92 100
91 172.9 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 9.681 ug/l

RT: 7.580 min Scan# 2031

Delta R.T. 0.010 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

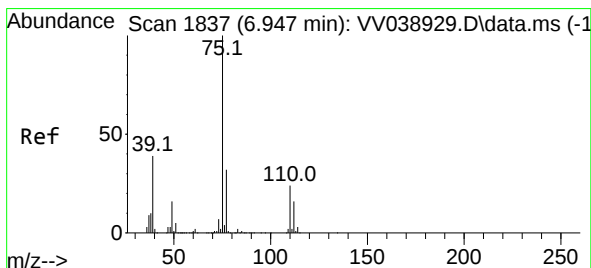
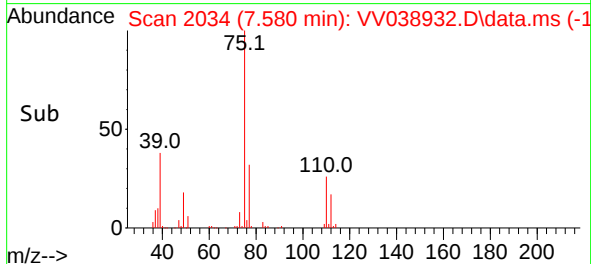
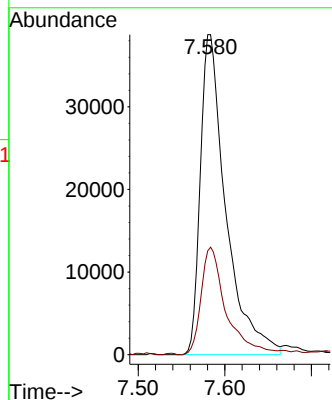
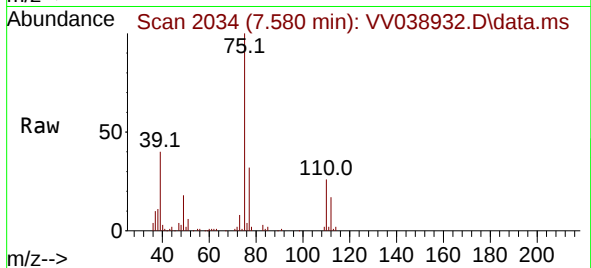
VSTDIC010

Tgt Ion: 75 Resp: 79332

Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 9.882 ug/l

RT: 6.956 min Scan# 1840

Delta R.T. 0.010 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

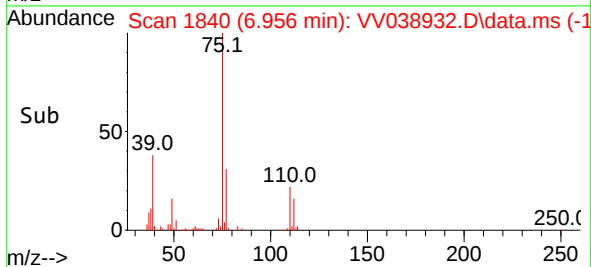
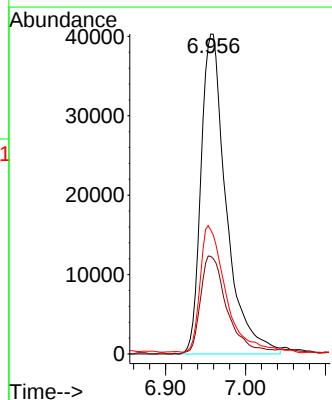
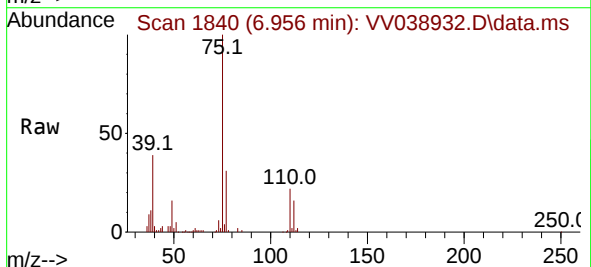
Tgt Ion: 75 Resp: 88410

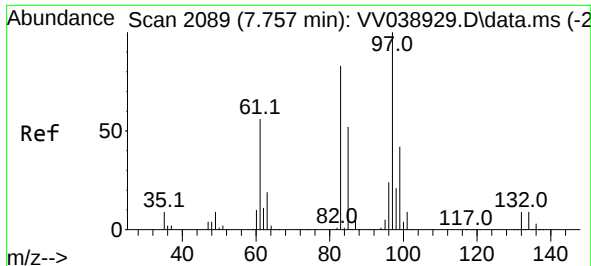
Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8

39 38.1 31.6 47.4

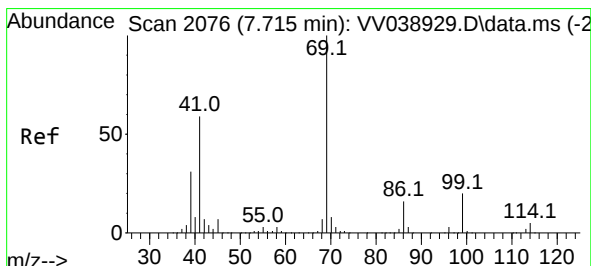
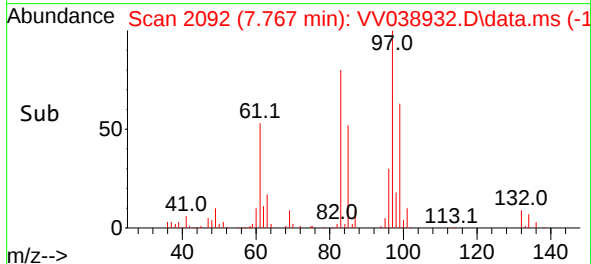
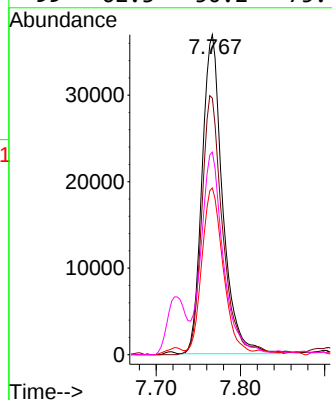
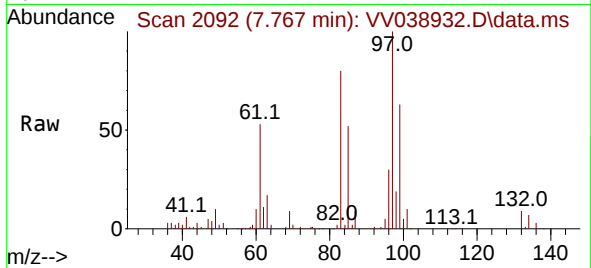




#55
 1,1,2-Trichloroethane
 Concen: 9.973 ug/l
 RT: 7.767 min Scan# 2089
 Delta R.T. 0.010 min
 Lab File: VV038932.D
 Acq: 08 Aug 2025 12:43

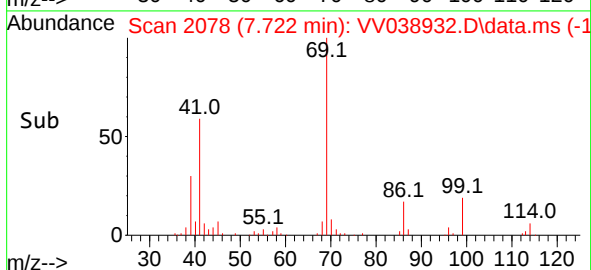
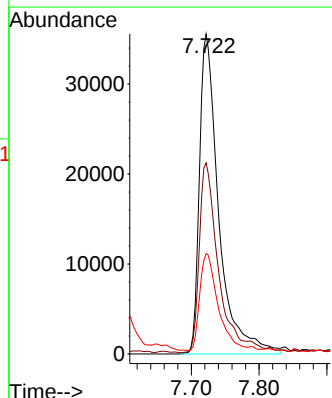
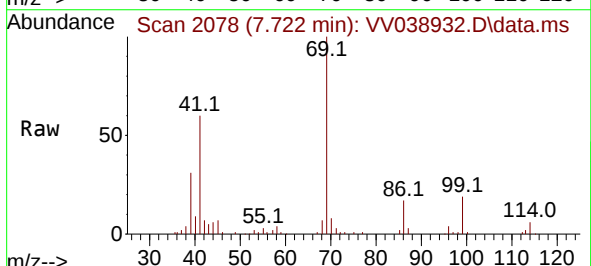
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

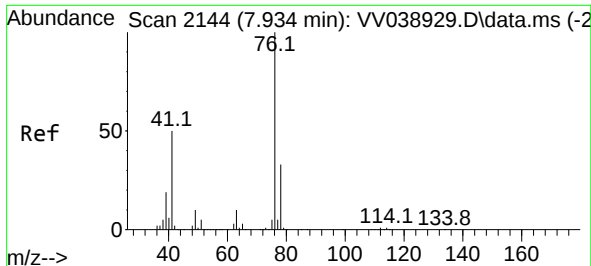
Tgt Ion:	97	Resp:	62839
Ion	Ratio	Lower	Upper
97	100		
83	80.1	66.2	99.4
85	51.6	42.9	64.3
99	62.3	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 9.427 ug/l
 RT: 7.722 min Scan# 2078
 Delta R.T. 0.007 min
 Lab File: VV038932.D
 Acq: 08 Aug 2025 12:43

Tgt Ion:	69	Resp:	70437
Ion	Ratio	Lower	Upper
69	100		
41	58.6	45.8	68.8
39	28.6	23.4	35.0





#57

1,3-Dichloropropane

Concen: 9.793 ug/l

RT: 7.940 min Scan# 2144

Delta R.T. 0.006 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

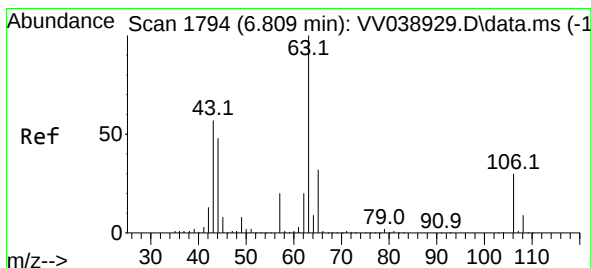
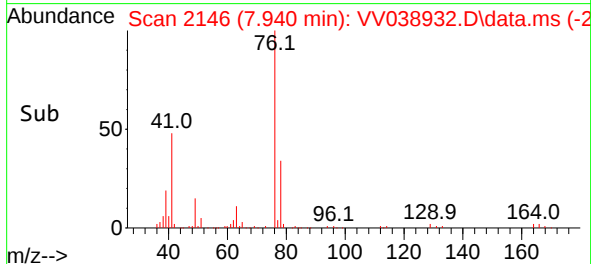
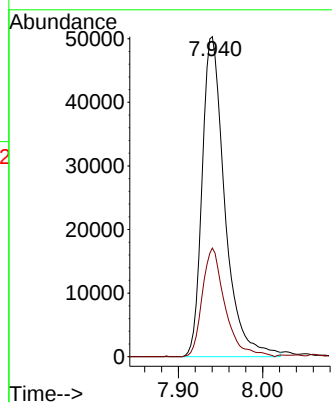
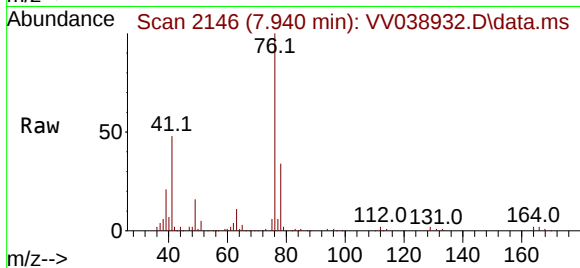
VSTDIC010

Tgt Ion: 76 Resp: 94390

Ion Ratio Lower Upper

76 100

78 33.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 45.088 ug/l

RT: 6.818 min Scan# 1797

Delta R.T. 0.010 min

Lab File: VV038932.D

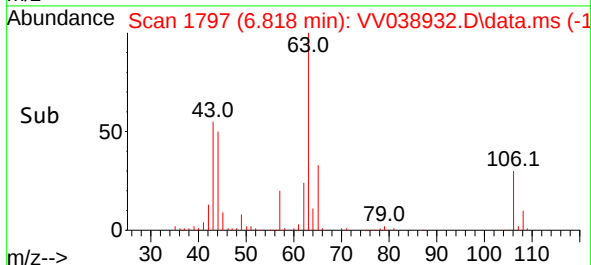
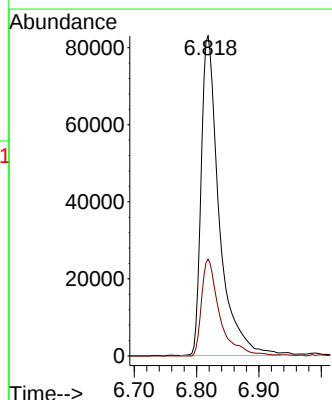
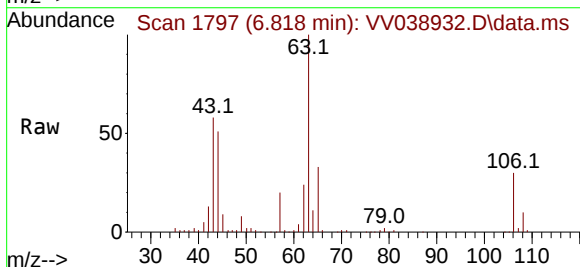
Acq: 08 Aug 2025 12:43

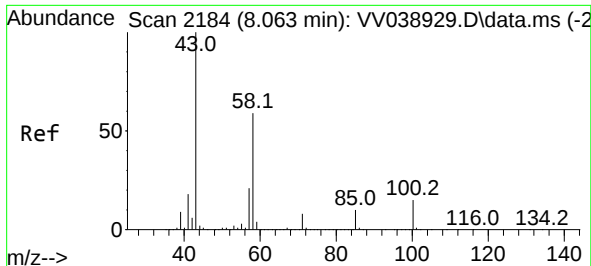
Tgt Ion: 63 Resp: 166704

Ion Ratio Lower Upper

63 100

106 30.6 24.1 36.1

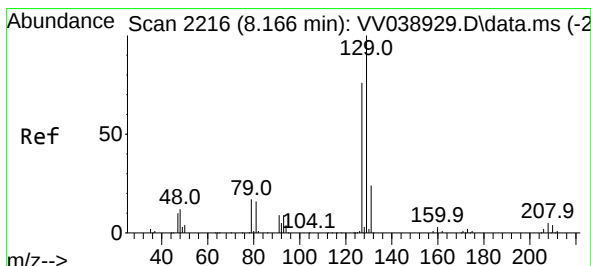
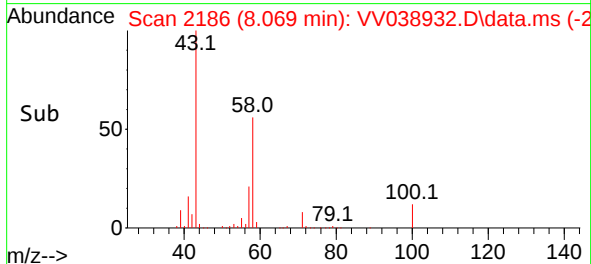
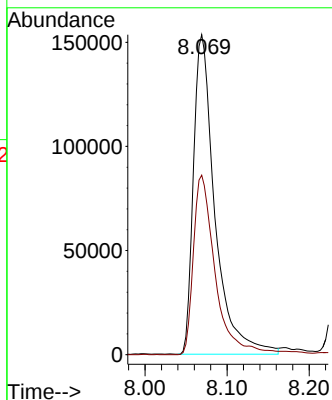
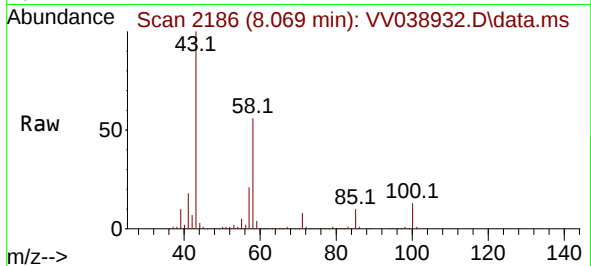




#59
2-Hexanone
Concen: 49.070 ug/l
RT: 8.069 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

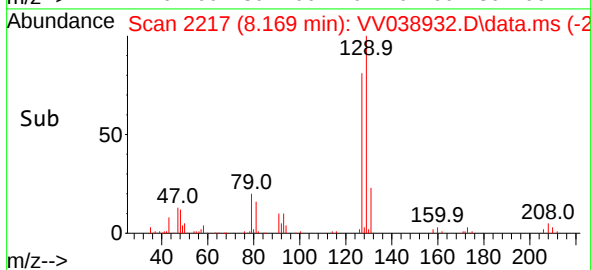
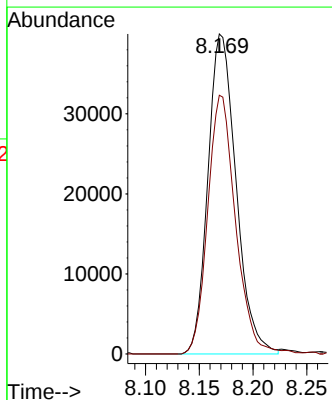
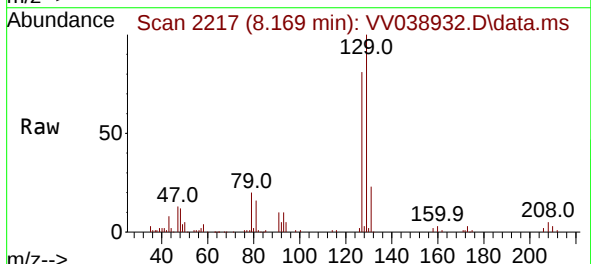
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

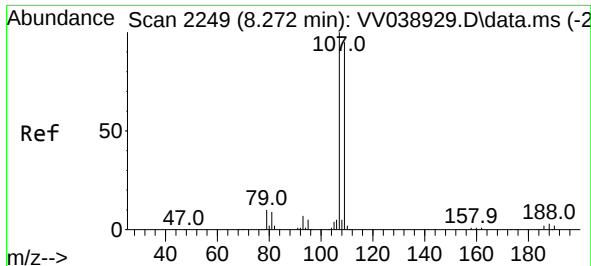
Tgt Ion: 43 Resp: 279119
Ion Ratio Lower Upper
43 100
58 57.1 29.3 87.8



#60
Dibromochloromethane
Concen: 9.443 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 129 Resp: 72861
Ion Ratio Lower Upper
129 100
127 80.0 38.2 114.6

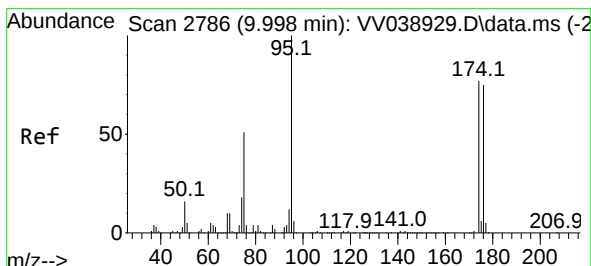
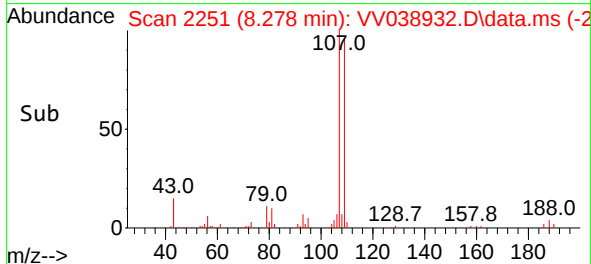
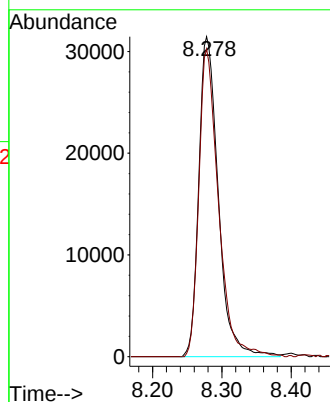
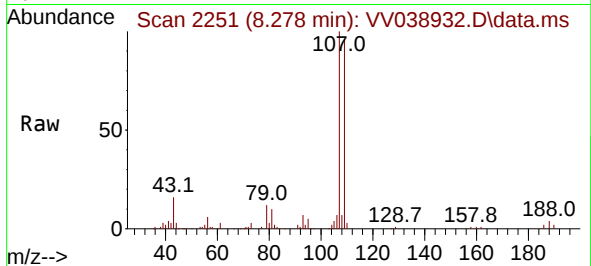




#61
 1,2-Dibromoethane
 Concen: 9.814 ug/l
 RT: 8.278 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VV038932.D
 Acq: 08 Aug 2025 12:43

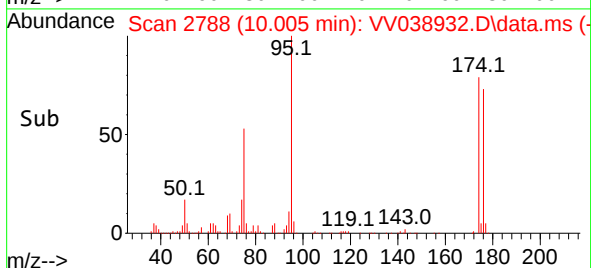
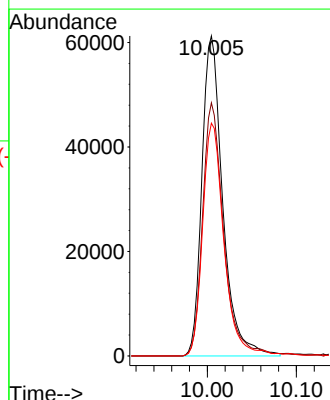
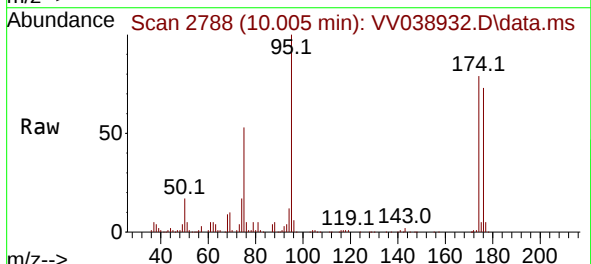
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

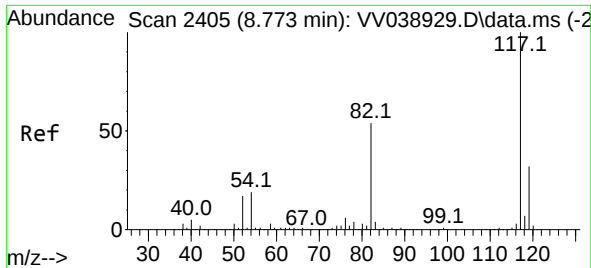
Tgt Ion:107 Resp: 61389
 Ion Ratio Lower Upper
 107 100
 109 97.0 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 11.477 ug/l
 RT: 10.005 min Scan# 2788
 Delta R.T. 0.006 min
 Lab File: VV038932.D
 Acq: 08 Aug 2025 12:43

Tgt Ion: 95 Resp: 99518
 Ion Ratio Lower Upper
 95 100
 174 80.4 0.0 156.6
 176 74.6 0.0 153.0

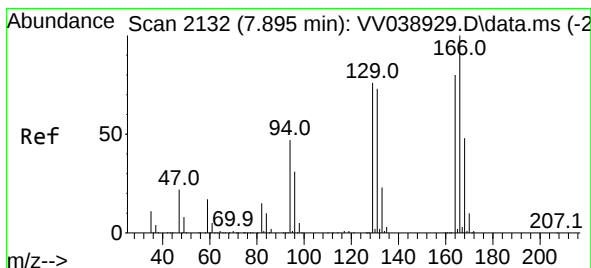
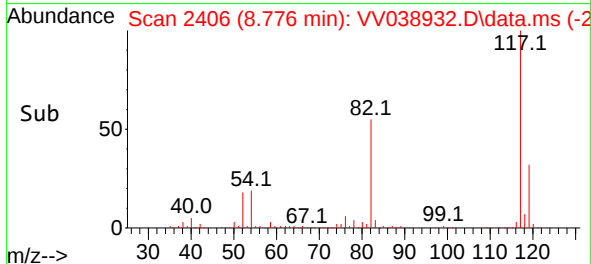
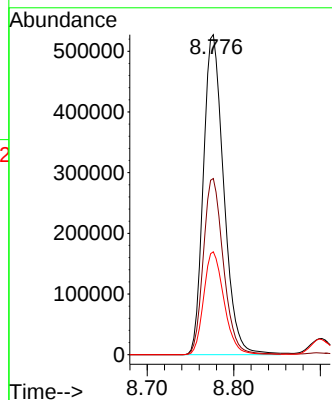
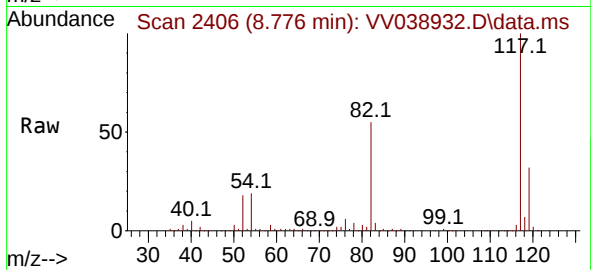




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

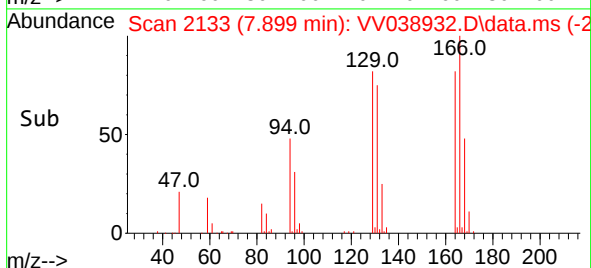
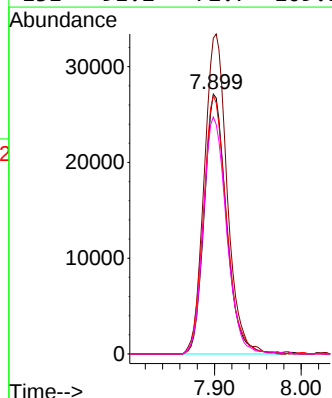
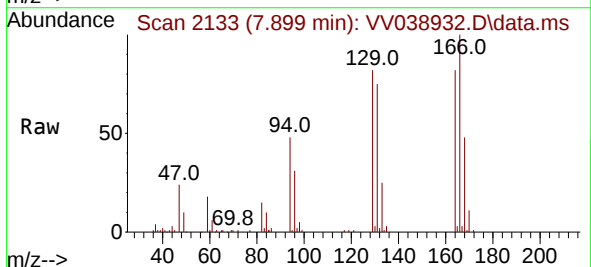
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

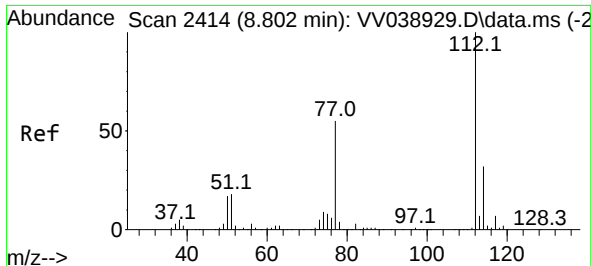
Tgt Ion:117 Resp: 862514
Ion Ratio Lower Upper
117 100
82 55.0 43.2 64.8
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 9.512 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion:164 Resp: 48152
Ion Ratio Lower Upper
164 100
166 121.5 100.2 150.4
129 99.5 76.7 115.1
131 91.2 72.7 109.1

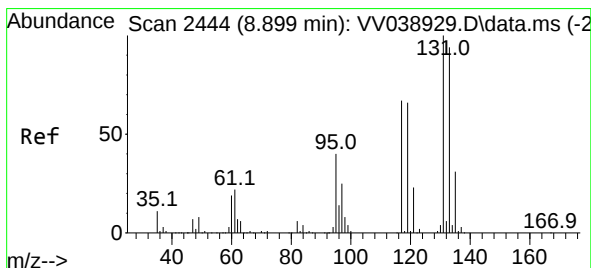
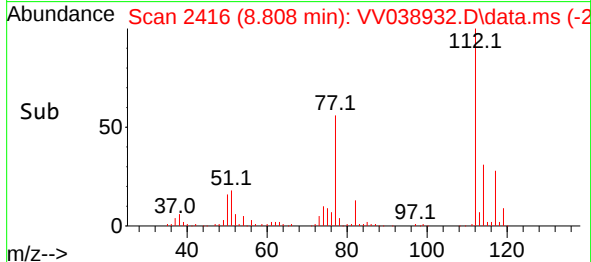
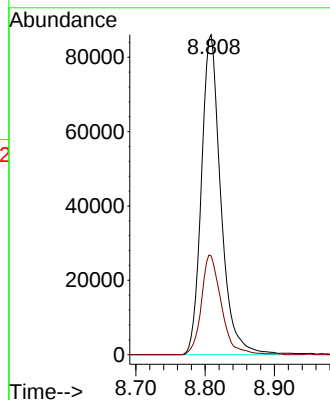
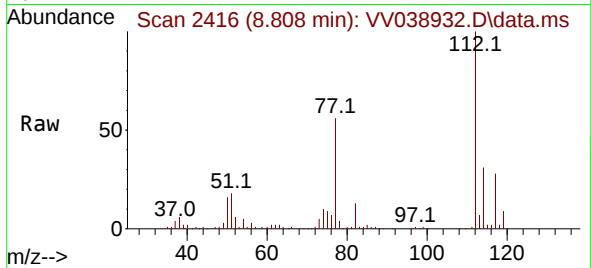




#65
Chlorobenzene
Concen: 9.915 ug/l
RT: 8.808 min Scan# 2414
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

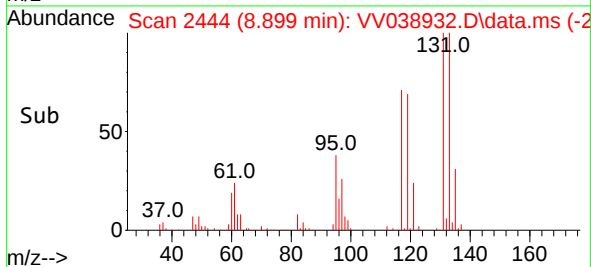
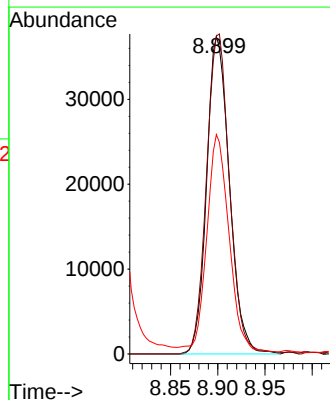
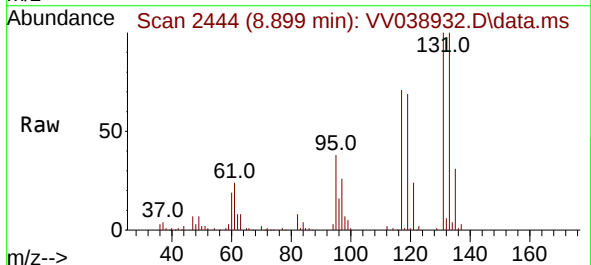
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

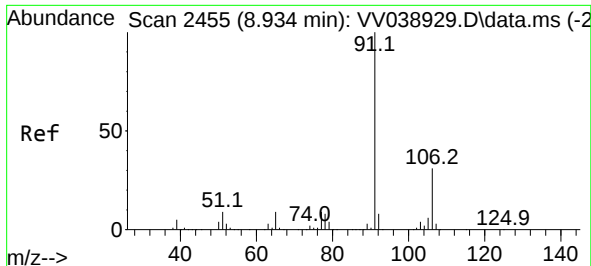
Tgt Ion:112 Resp: 167172
Ion Ratio Lower Upper
112 100
114 30.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 9.446 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion:131 Resp: 62642
Ion Ratio Lower Upper
131 100
133 102.4 47.5 142.5
119 66.5 32.8 98.3





#67

Ethyl Benzene

Concen: 9.559 ug/l

RT: 8.940 min Scan# 2455

Delta R.T. 0.006 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

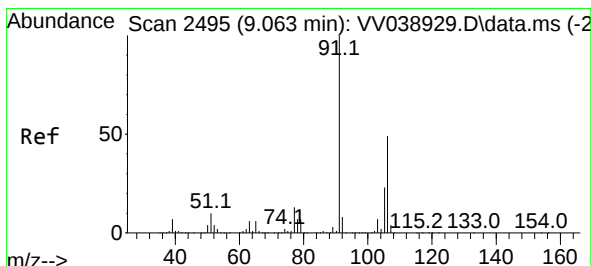
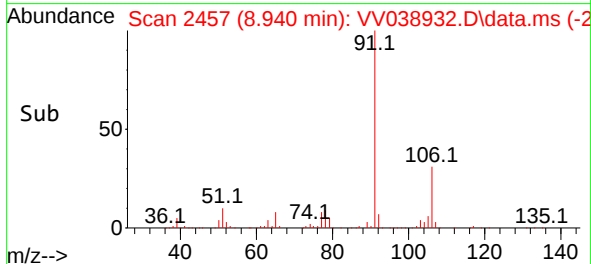
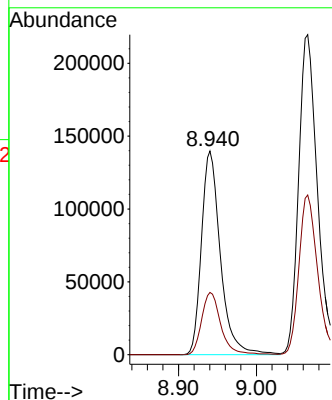
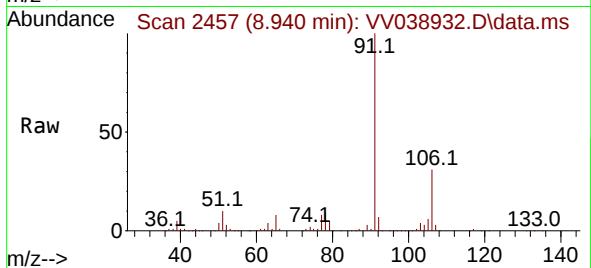
VSTDIC010

Tgt Ion: 91 Resp: 236721

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.6



#68

m/p-Xylenes

Concen: 19.534 ug/l

RT: 9.066 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV038932.D

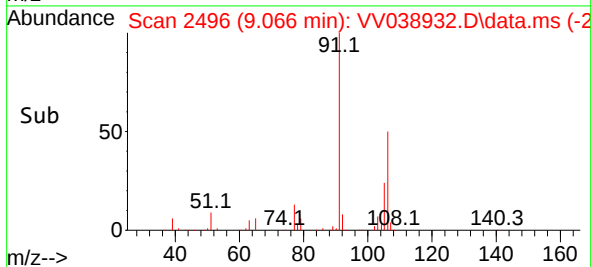
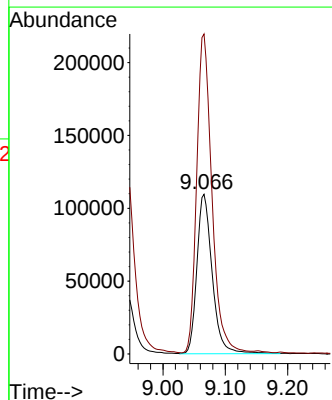
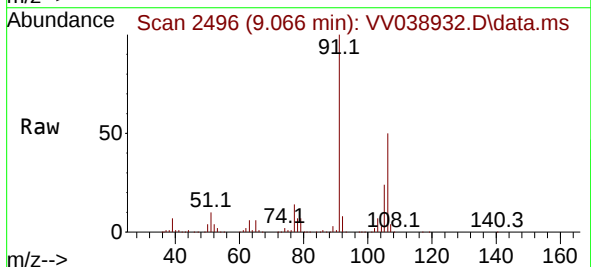
Acq: 08 Aug 2025 12:43

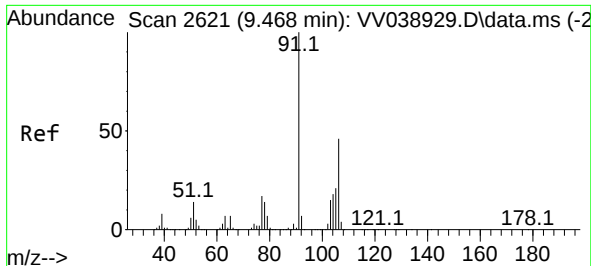
Tgt Ion: 106 Resp: 186436

Ion Ratio Lower Upper

106 100

91 197.6 163.4 245.2

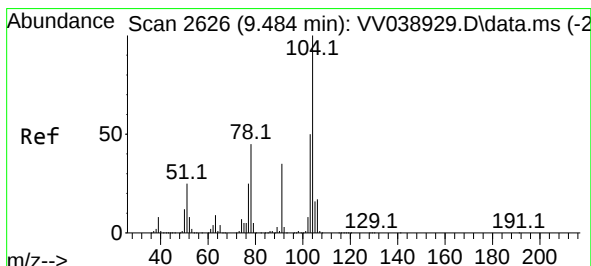
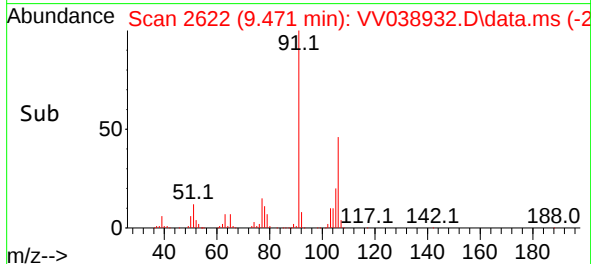
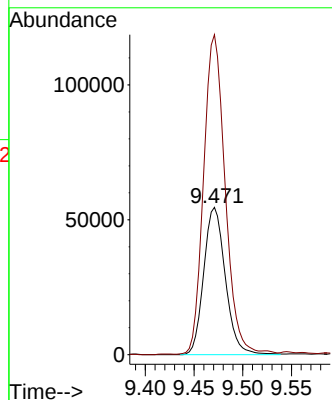
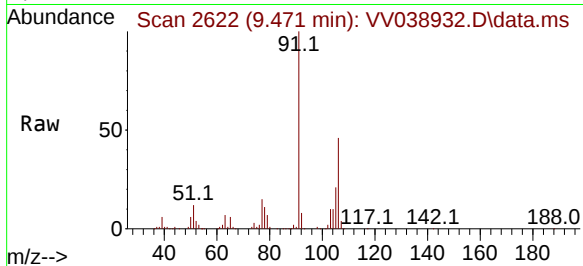




#69
o-Xylene
Concen: 9.399 ug/l
RT: 9.471 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

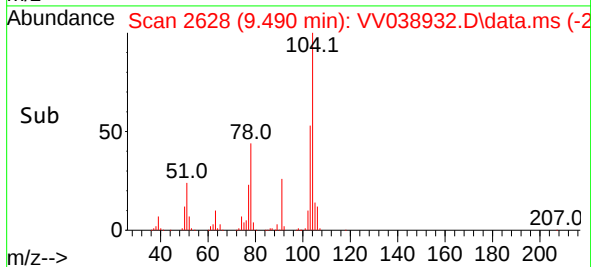
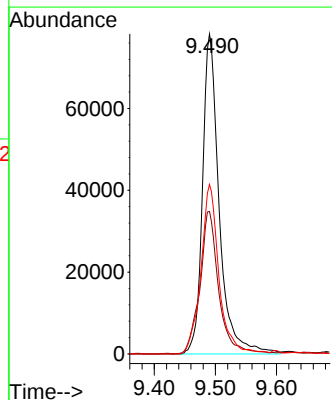
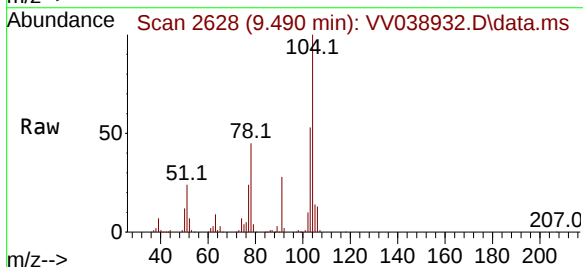
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

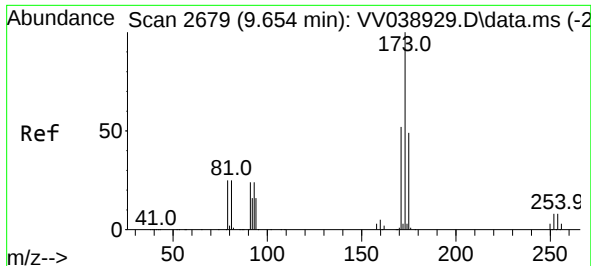
Tgt Ion:106 Resp: 84354
Ion Ratio Lower Upper
106 100
91 214.9 109.1 327.3



#70
Styrene
Concen: 9.186 ug/l
RT: 9.490 min Scan# 2628
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion:104 Resp: 148428
Ion Ratio Lower Upper
104 100
78 50.2 39.8 59.6
103 56.1 43.8 65.6

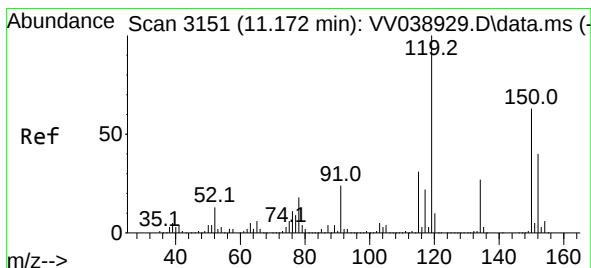
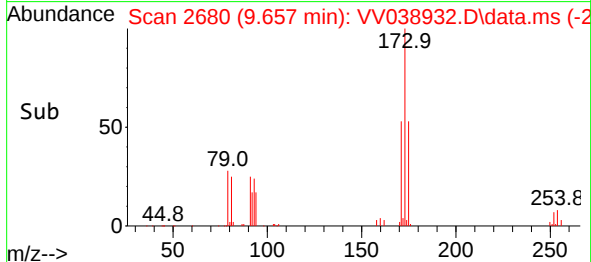
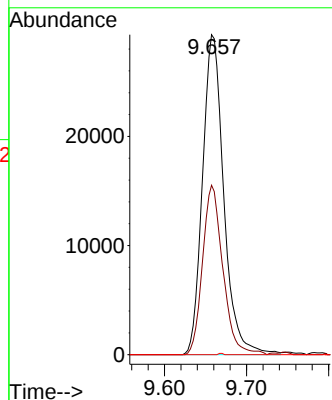
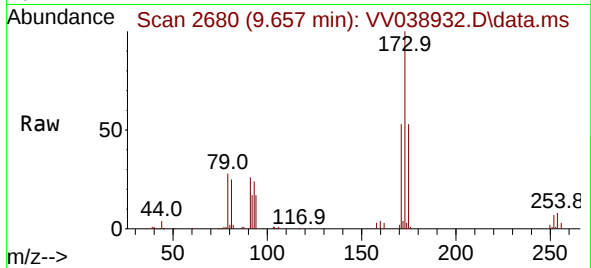




#71
Bromoform
Concen: 9.469 ug/l
RT: 9.657 min Scan# 2680
Delta R.T. 0.003 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

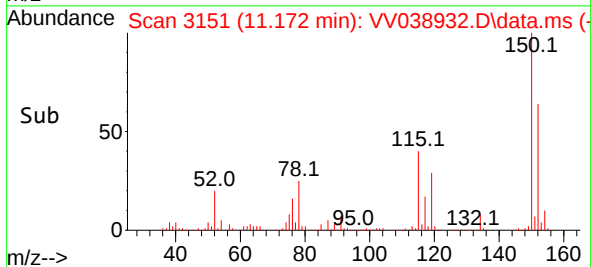
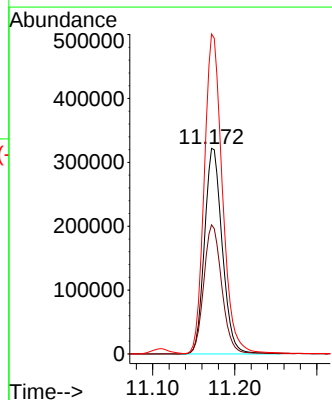
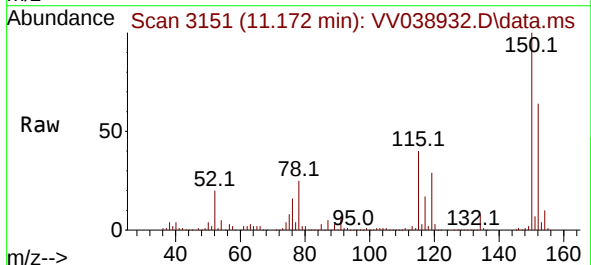
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

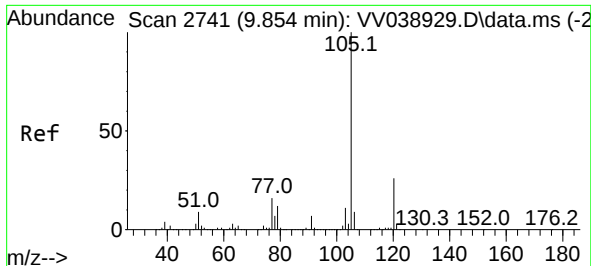
Tgt Ion:173 Resp: 52770
Ion Ratio Lower Upper
173 100
175 50.5 24.3 72.9
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion:152 Resp: 483603
Ion Ratio Lower Upper
152 100
115 63.6 41.0 123.2
150 158.2 0.0 345.4

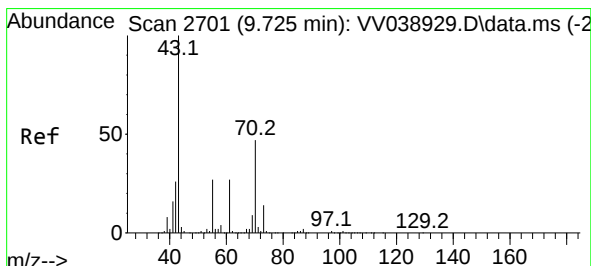
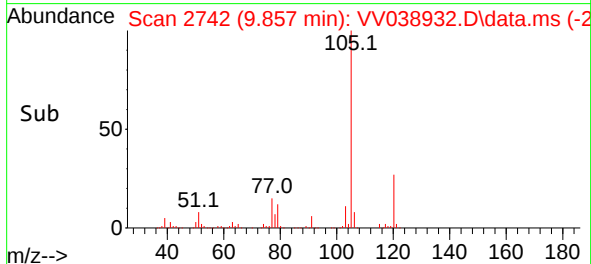
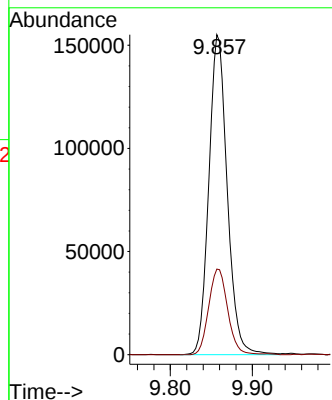
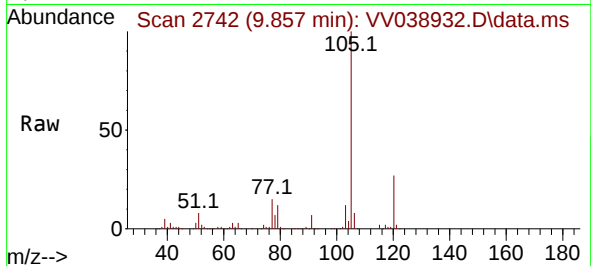




#73
Isopropylbenzene
Concen: 9.582 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

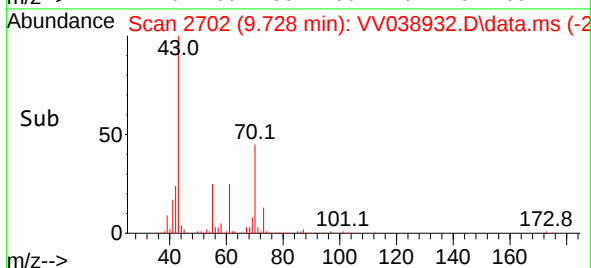
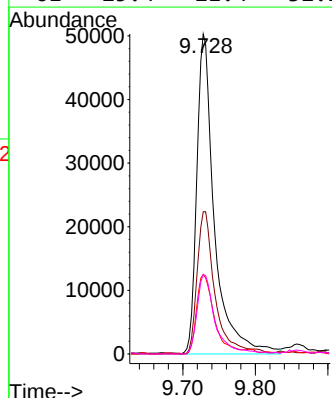
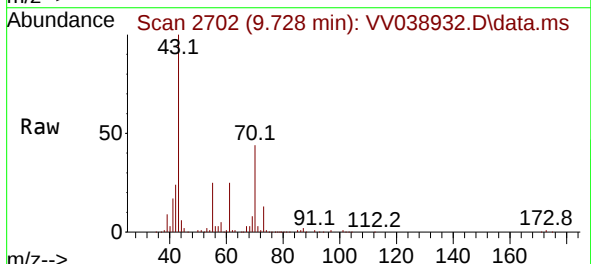
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

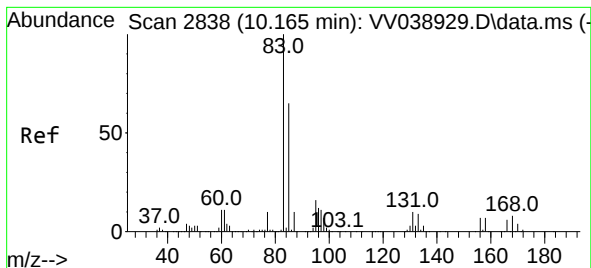
Tgt Ion:105 Resp: 241874
Ion Ratio Lower Upper
105 100
120 27.6 13.3 39.8



#74
N-ethyl acetate
Concen: 9.594 ug/l
RT: 9.728 min Scan# 2702
Delta R.T. 0.003 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 43 Resp: 85106
Ion Ratio Lower Upper
43 100
70 45.2 37.4 56.0
55 24.8 22.1 33.1
61 25.4 21.4 32.2

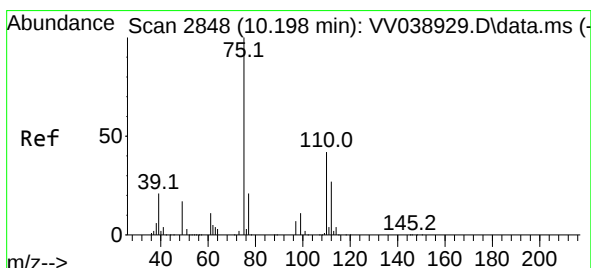
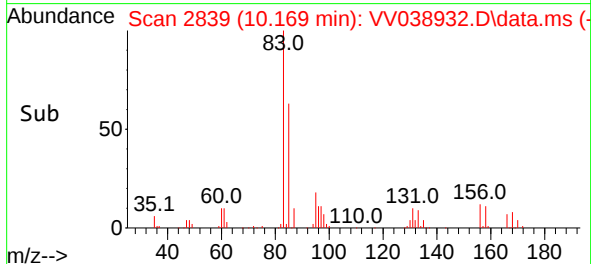
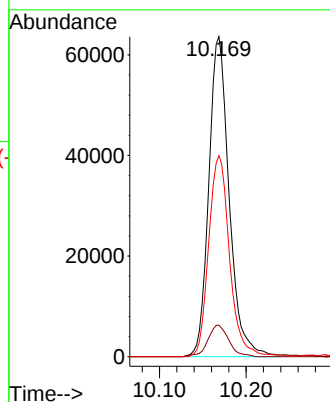
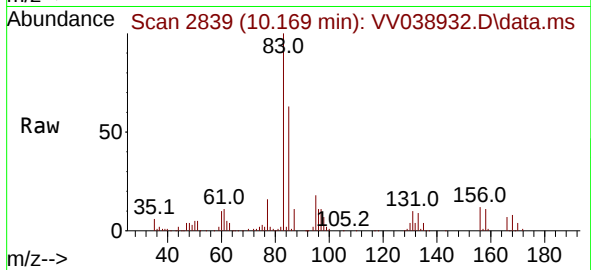




#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.640 ug/l
 RT: 10.169 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038932.D
 Acq: 08 Aug 2025 12:43

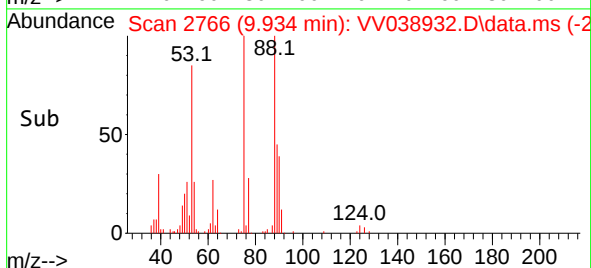
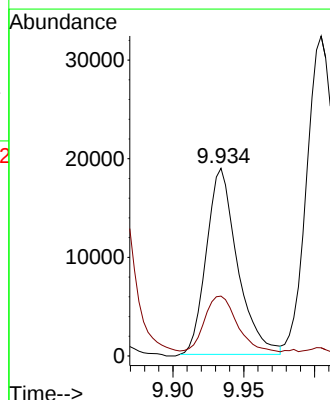
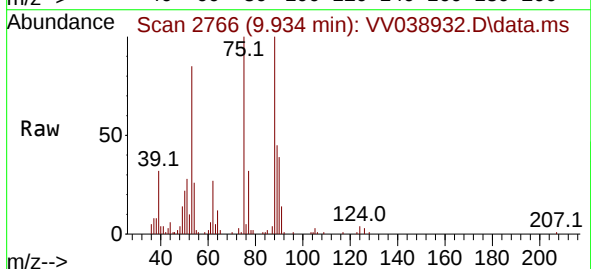
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

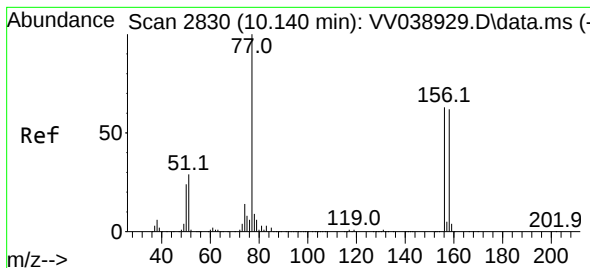
Tgt Ion: 83 Resp: 104037
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 14.9
 85 64.4 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 3.650 ug/l
 RT: 9.934 min Scan# 2766
 Delta R.T. -0.264 min
 Lab File: VV038932.D
 Acq: 08 Aug 2025 12:43

Tgt Ion: 75 Resp: 28859
 Ion Ratio Lower Upper
 75 100
 77 31.1 11.9 35.9





#77

Bromobenzene

Concen: 9.824 ug/l

RT: 10.146 min Scan# 2830

Delta R.T. 0.006 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

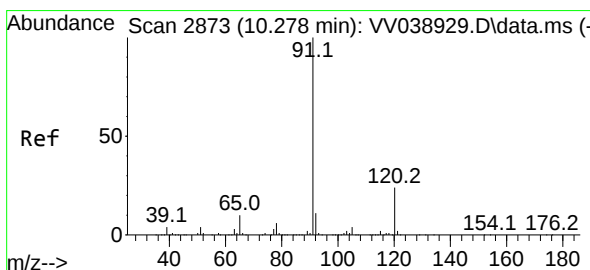
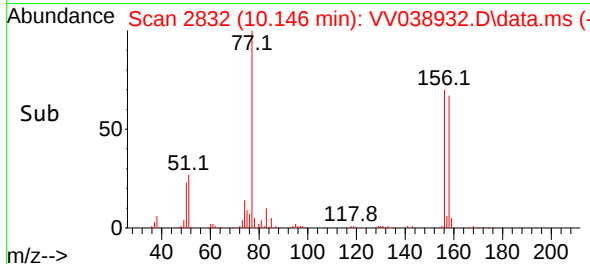
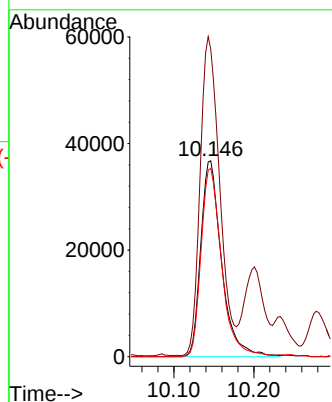
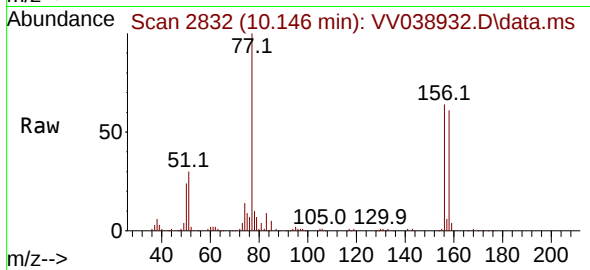
Tgt Ion:156 Resp: 66566

Ion Ratio Lower Upper

156 100

77 152.4 78.8 236.5

158 94.8 49.6 148.8



#78

n-propylbenzene

Concen: 9.497 ug/l

RT: 10.281 min Scan# 2874

Delta R.T. 0.003 min

Lab File: VV038932.D

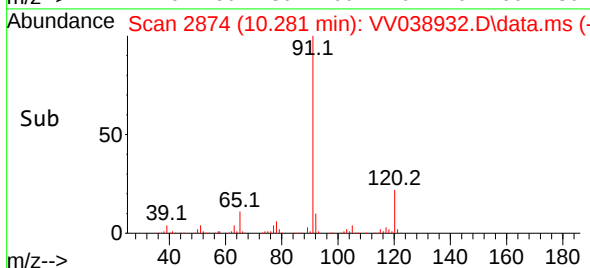
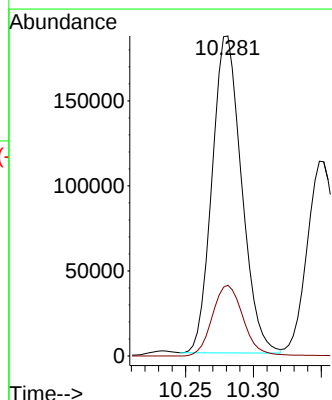
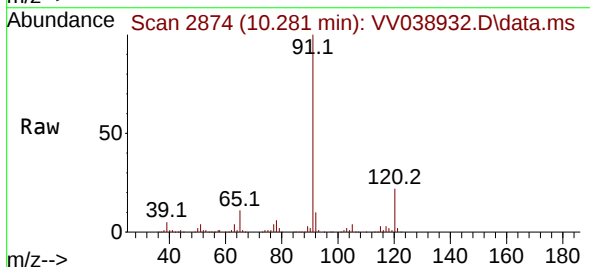
Acq: 08 Aug 2025 12:43

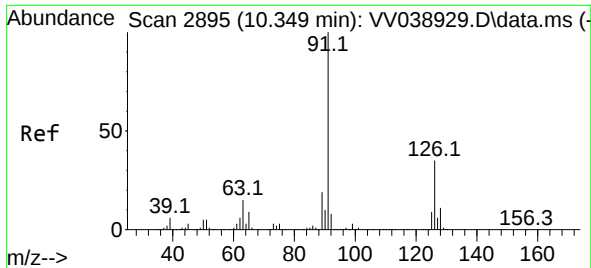
Tgt Ion: 91 Resp: 282787

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.7

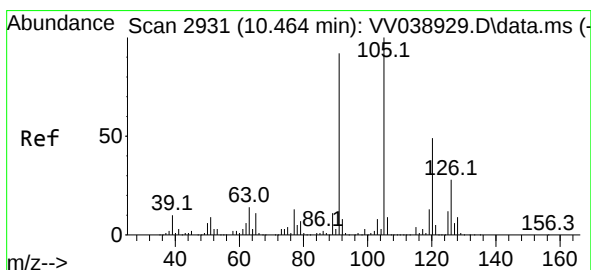
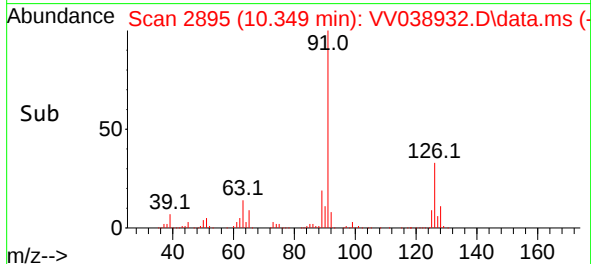
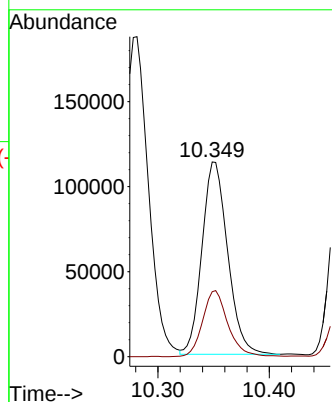
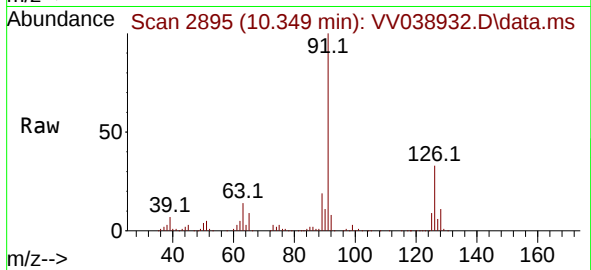




#79
2-Chlorotoluene
Concen: 9.904 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. -0.000 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

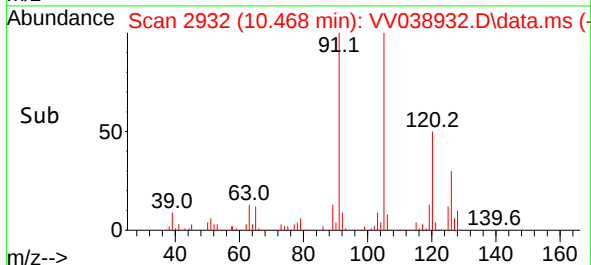
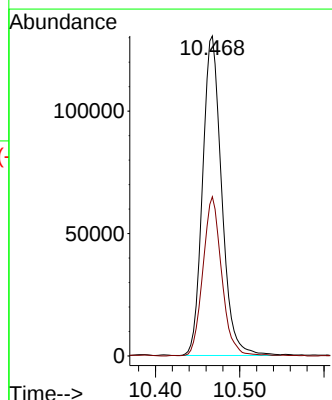
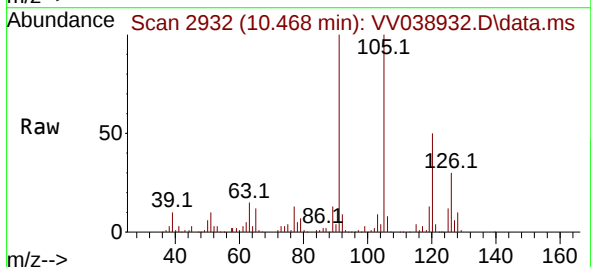
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

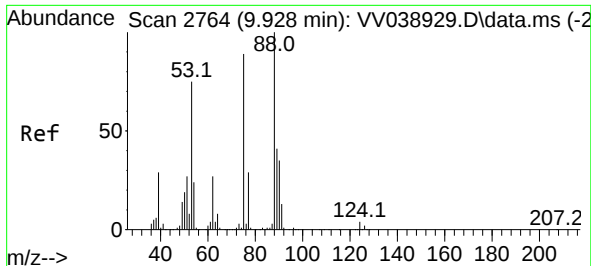
Tgt Ion: 91 Resp: 181013
Ion Ratio Lower Upper
91 100
126 34.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 9.687 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.003 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 105 Resp: 206317
Ion Ratio Lower Upper
105 100
120 48.6 24.6 73.6

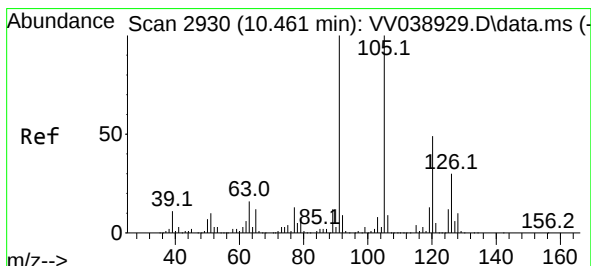
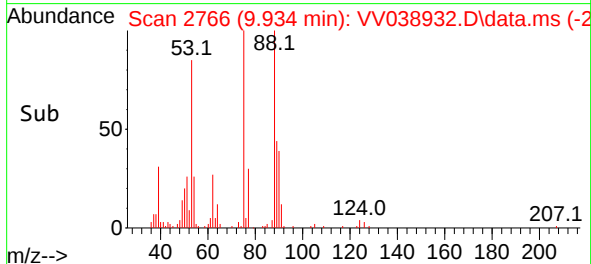
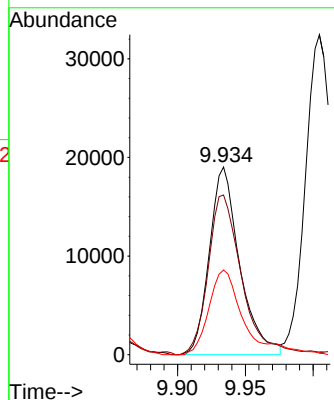
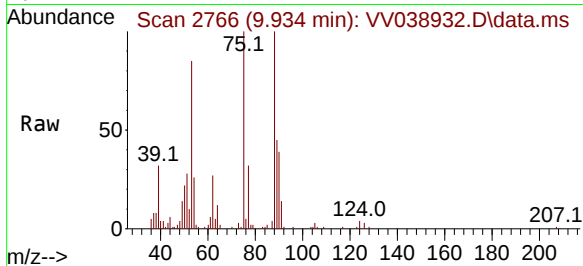




#81
trans-1,4-Dichloro-2-butene
Concen: 9.372 ug/l
RT: 9.934 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

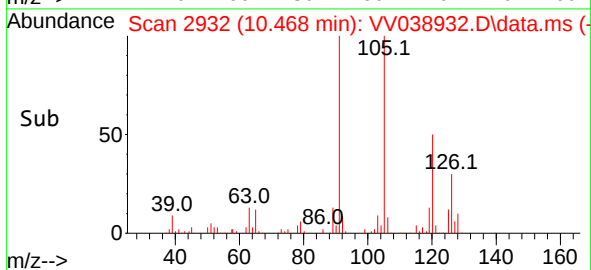
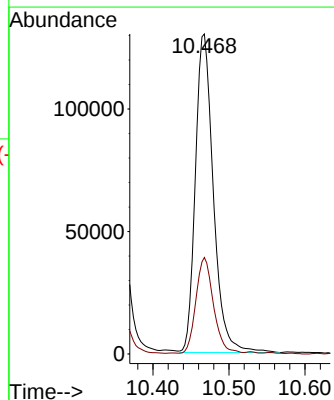
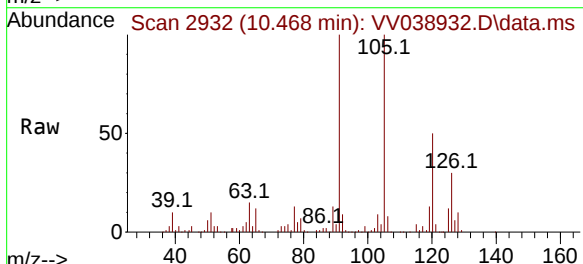
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

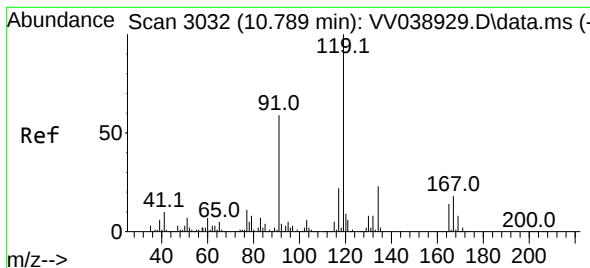
Tgt Ion: 75 Resp: 29578
Ion Ratio Lower Upper
75 100
53 93.4 69.0 103.4
89 51.8 38.8 58.2



#82
4-Chlorotoluene
Concen: 9.988 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.006 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 91 Resp: 213499
Ion Ratio Lower Upper
91 100
126 29.0 15.0 45.0





#83

tert-Butylbenzene

Concen: 9.148 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

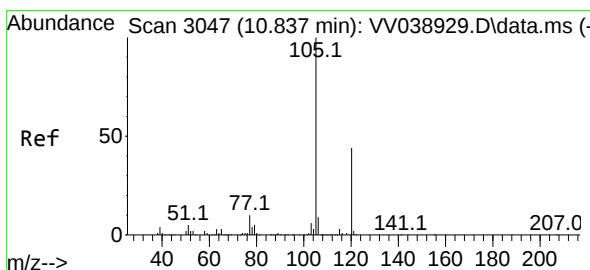
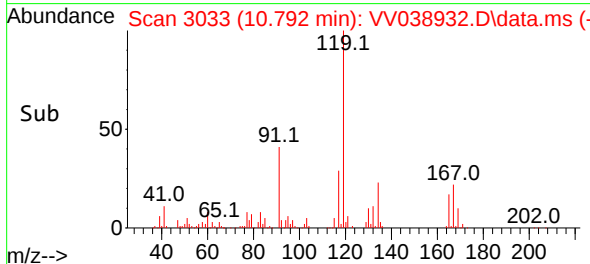
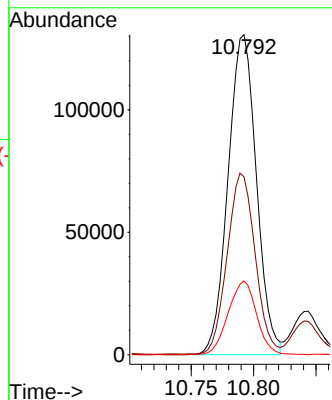
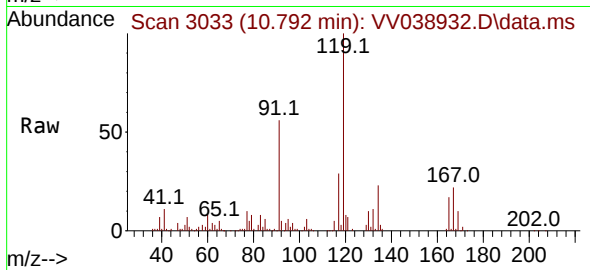
Tgt Ion:119 Resp: 207553

Ion Ratio Lower Upper

119 100

91 55.5 28.5 85.5

134 23.0 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 9.416 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038932.D

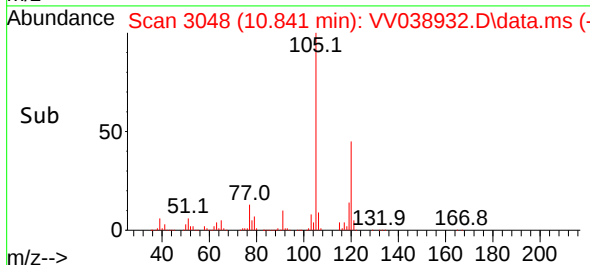
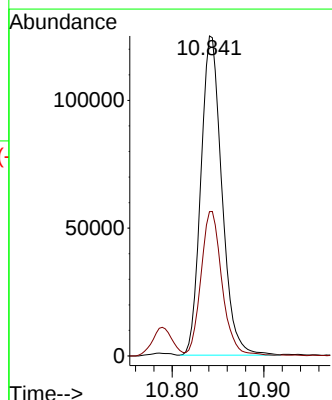
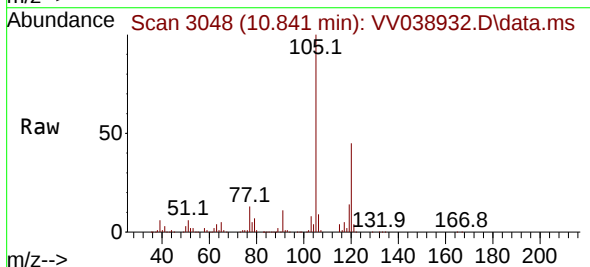
Acq: 08 Aug 2025 12:43

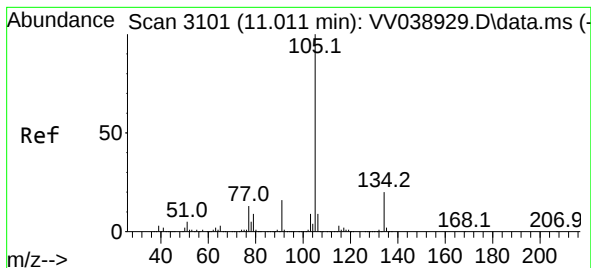
Tgt Ion:105 Resp: 199031

Ion Ratio Lower Upper

105 100

120 44.9 23.2 69.5





#85

sec-Butylbenzene

Concen: 9.410 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

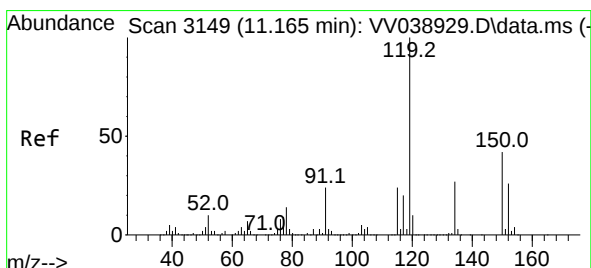
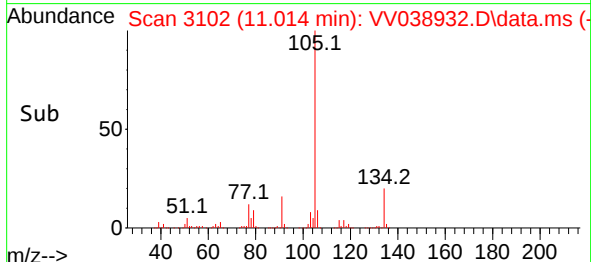
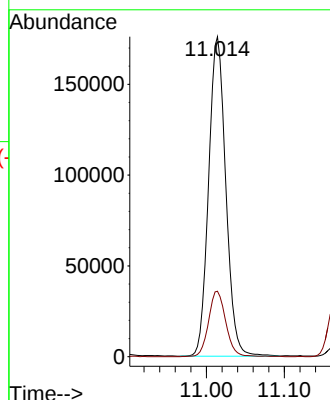
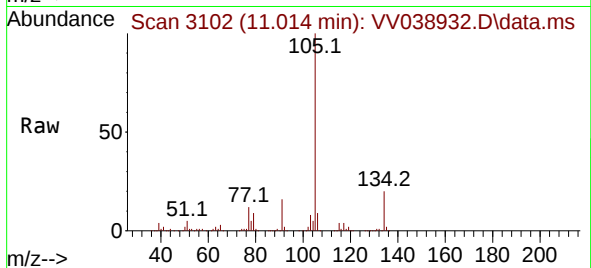
VSTDIC010

Tgt Ion:105 Resp: 269761

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 9.409 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

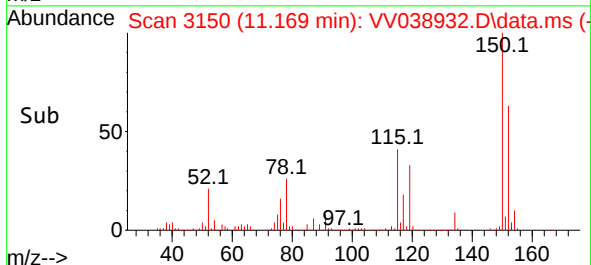
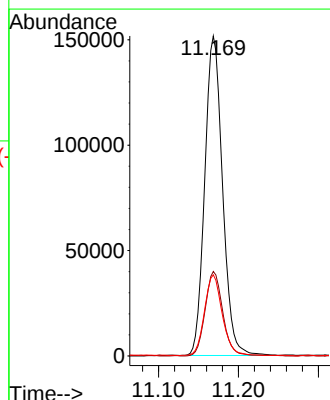
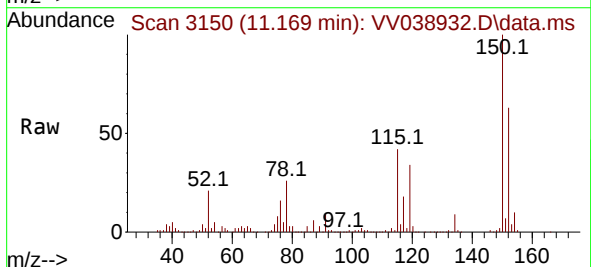
Tgt Ion:119 Resp: 234968

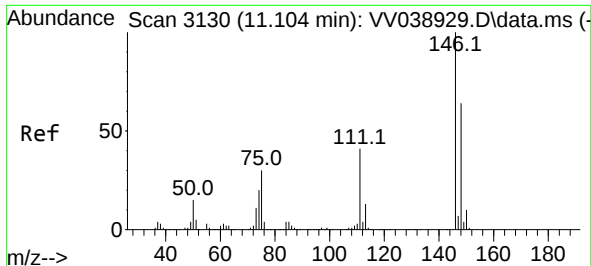
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.6

91 25.0 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 9.550 ug/l

RT: 11.107 min Scan# 311

Delta R.T. 0.003 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

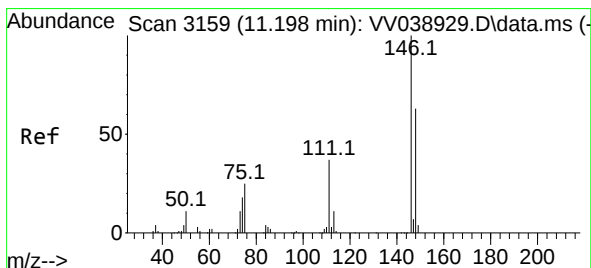
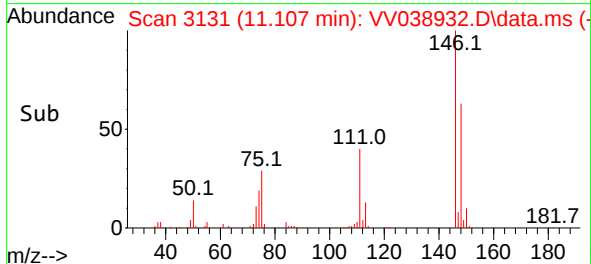
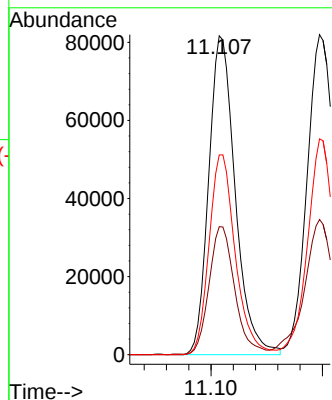
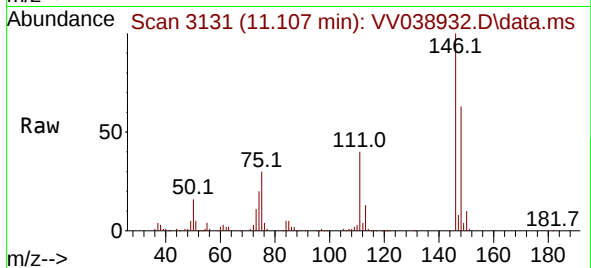
Tgt Ion:146 Resp: 135267

Ion Ratio Lower Upper

146 100

111 38.6 20.4 61.2

148 62.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 9.295 ug/l

RT: 11.197 min Scan# 3159

Delta R.T. -0.000 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

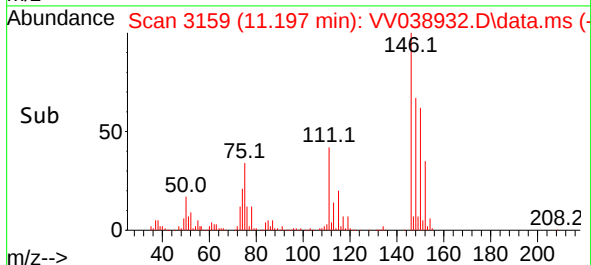
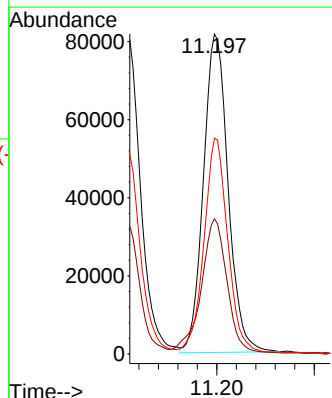
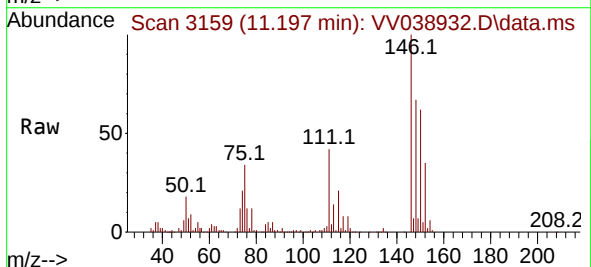
Tgt Ion:146 Resp: 143372

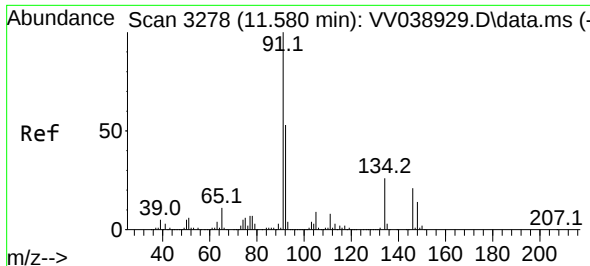
Ion Ratio Lower Upper

146 100

111 44.2 19.7 59.1

148 65.6 31.4 94.2

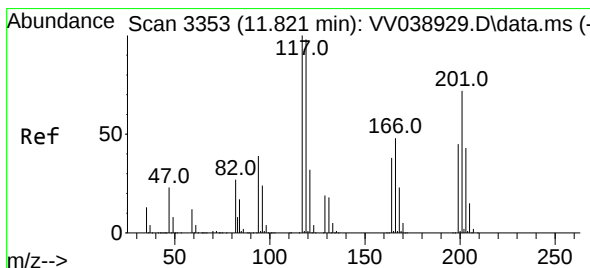
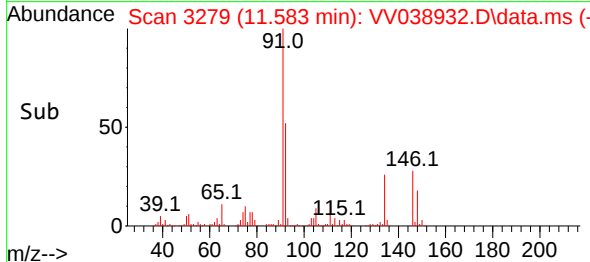
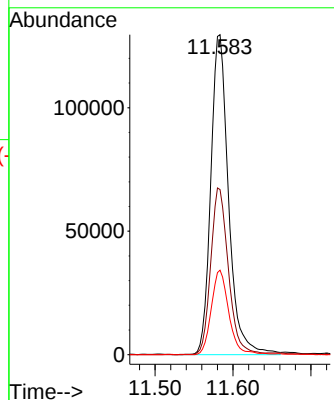
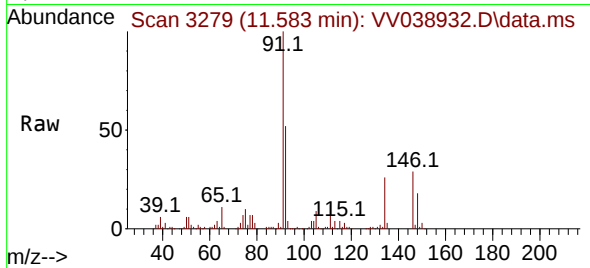




#89
n-Butylbenzene
Concen: 8.898 ug/l
RT: 11.583 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

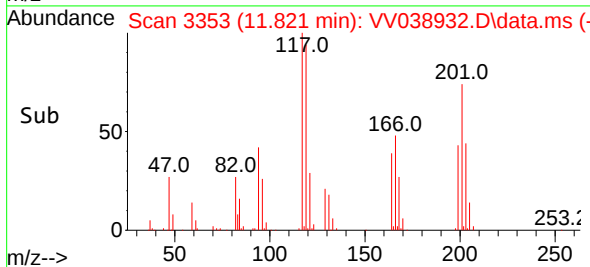
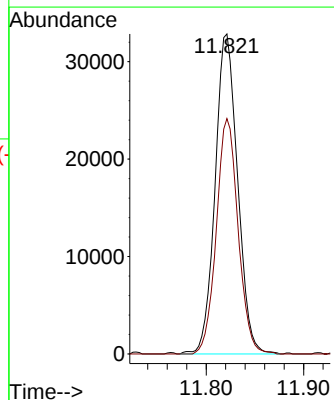
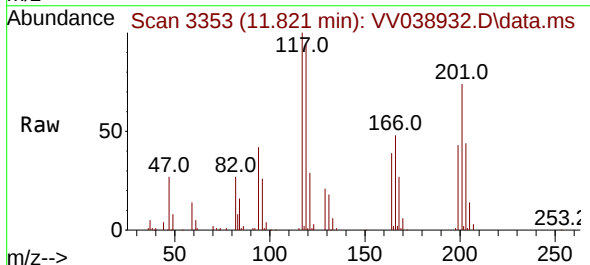
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

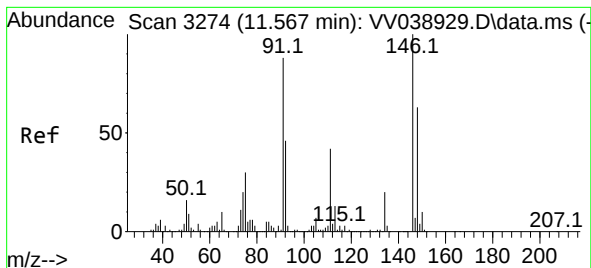
Tgt Ion: 91 Resp: 205430
Ion Ratio Lower Upper
91 100
92 51.6 26.2 78.6
134 26.1 13.0 38.9



#90
Hexachloroethane
Concen: 8.938 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. -0.000 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion: 117 Resp: 52652
Ion Ratio Lower Upper
117 100
201 71.2 34.8 104.5





#91

1,2-Dichlorobenzene

Concen: 9.569 ug/l

RT: 11.570 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC010

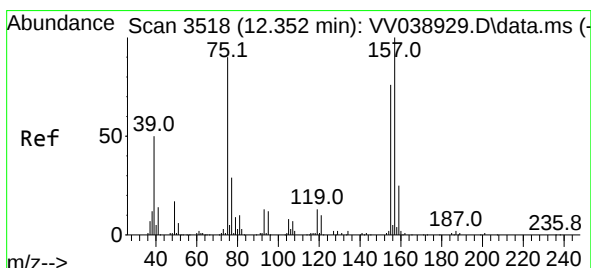
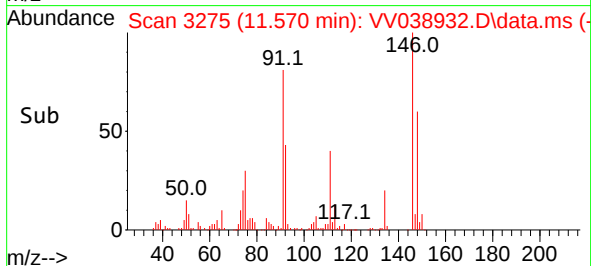
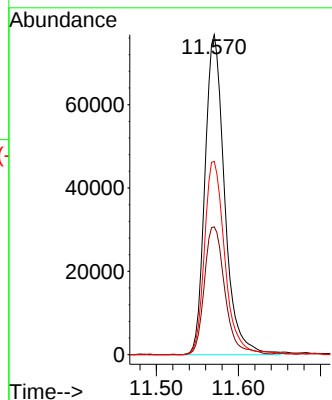
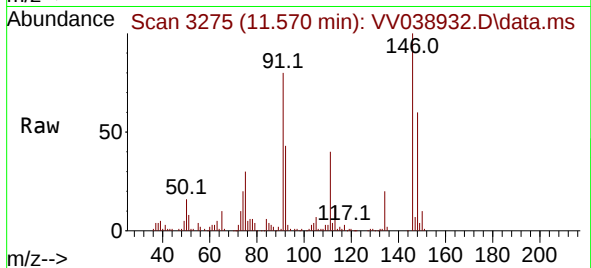
Tgt Ion:146 Resp: 128120

Ion Ratio Lower Upper

146 100

111 41.7 21.1 63.3

148 62.7 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.229 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. -0.000 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

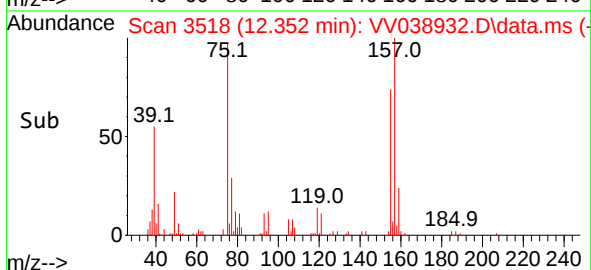
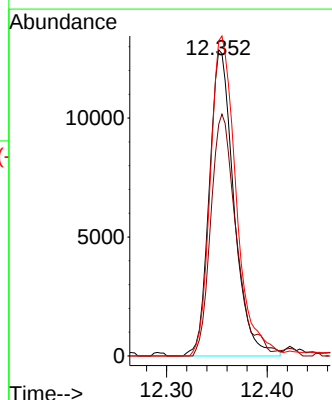
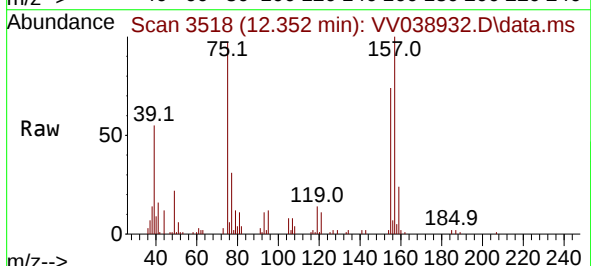
Tgt Ion: 75 Resp: 21816

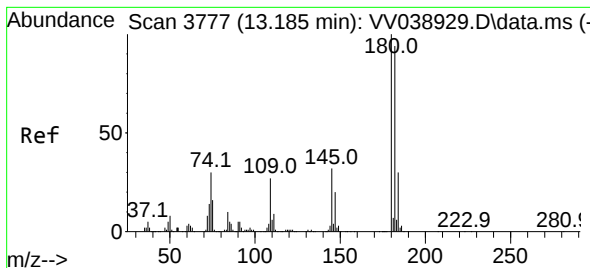
Ion Ratio Lower Upper

75 100

155 81.8 41.4 124.2

157 109.8 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 8.738 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

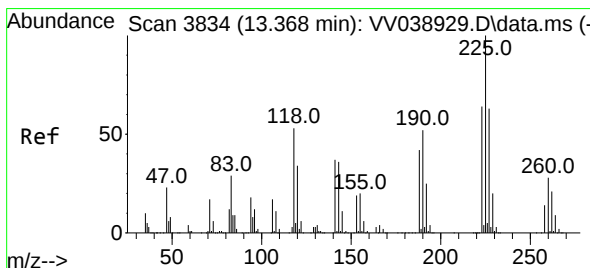
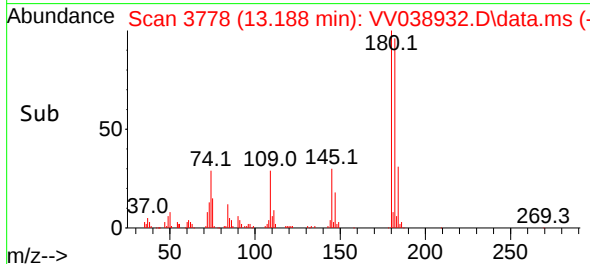
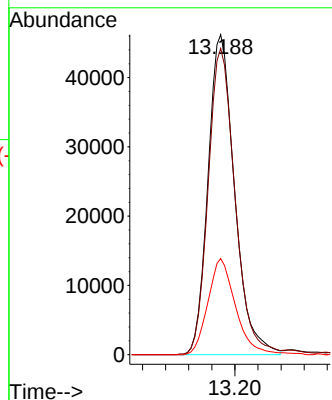
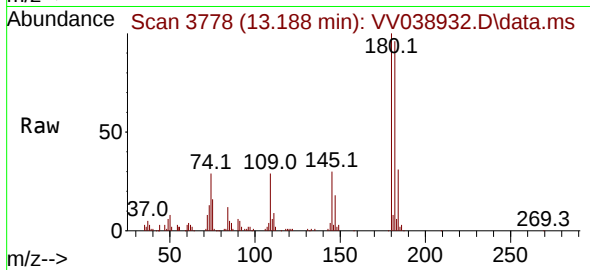
Tgt Ion:180 Resp: 73790

Ion Ratio Lower Upper

180 100

182 96.6 47.1 141.3

145 31.4 15.9 47.6



#94

Hexachlorobutadiene

Concen: 9.191 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV038932.D

Acq: 08 Aug 2025 12:43

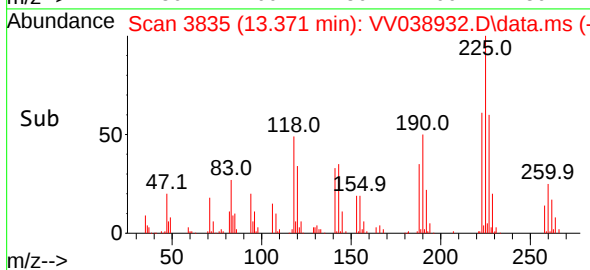
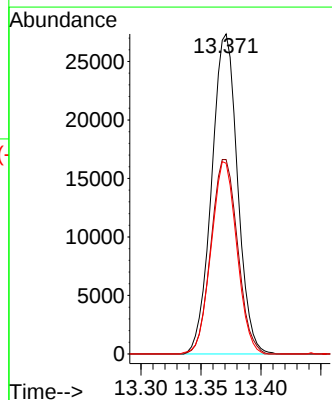
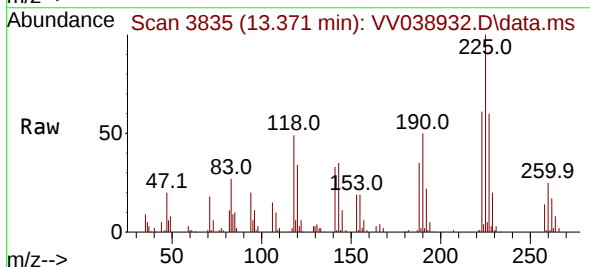
Tgt Ion:225 Resp: 41012

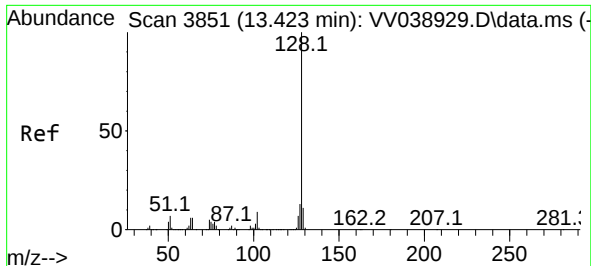
Ion Ratio Lower Upper

225 100

223 62.6 32.0 96.0

227 59.6 31.3 93.9

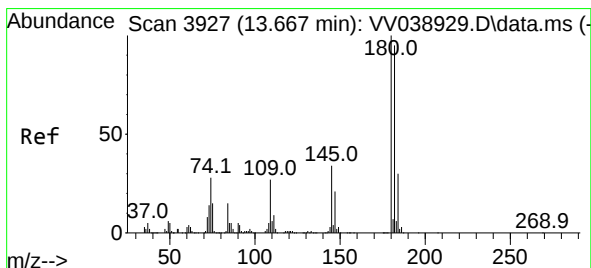
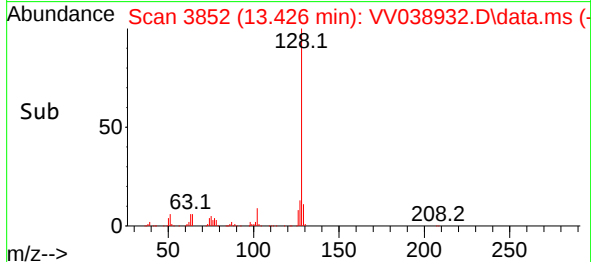
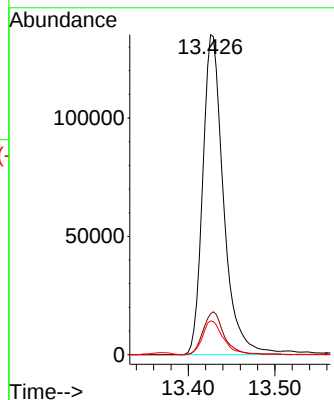
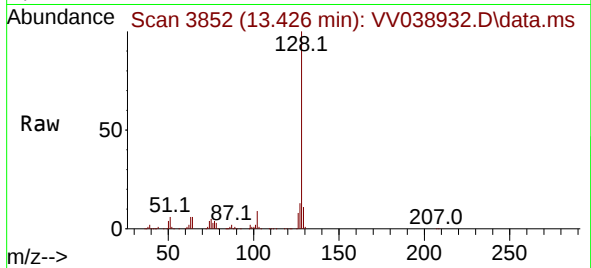




#95
Naphthalene
Concen: 8.508 ug/l
RT: 13.426 min Scan# 3852
Delta R.T. 0.003 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 225450
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 8.981 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. -0.000 min
Lab File: VV038932.D
Acq: 08 Aug 2025 12:43

Tgt Ion:180 Resp: 77617
Ion Ratio Lower Upper
180 100
182 96.8 47.5 142.5
145 33.9 17.1 51.3

