

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040725\
 Data File : VN086238.D
 Acq On : 07 Apr 2025 15:58
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Apr 08 03:57:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040725W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 08 03:08:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	151440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	260373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	96400	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	2499	1.304	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.600%#
35) Dibromofluoromethane	8.171	113	1628	1.237	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.480%#
50) Toluene-d8	10.565	98	6172	1.133	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.260%#
62) 4-Bromofluorobenzene	12.853	95	1846	0.959	ug/l	0.01
Spiked Amount	50.000	Range	77 - 121	Recovery	=	1.920%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	2054	1.562	ug/l	99
3) Chloromethane	2.365	50	2448	1.650	ug/l	98
4) Vinyl Chloride	2.518	62	2042	1.538	ug/l	100
5) Bromomethane	2.965	94	1436	2.178	ug/l #	70
6) Chloroethane	3.118	64	1203	1.532	ug/l #	52
7) Trichlorofluoromethane	3.500	101	3123	1.613	ug/l #	79
8) Diethyl Ether	3.953	74	833	1.398	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.365	101	806	0.796	ug/l #	33
10) Methyl Iodide	4.589	142	1926	1.614	ug/l #	76
11) Tert butyl alcohol	5.530	59	1472	8.488	ug/l #	86
12) 1,1-Dichloroethene	4.336	96	1625	1.588	ug/l	89
13) Acrolein	4.177	56	1274	4.747	ug/l #	72
14) Allyl chloride	5.024	41	2083	1.471	ug/l #	58
15) Acrylonitrile	5.718	53	3858	7.365	ug/l #	83
16) Acetone	4.436	43	4048	9.223	ug/l #	80
17) Carbon Disulfide	4.712	76	5431	1.658	ug/l #	89
18) Methyl Acetate	5.024	43	2535	1.879	ug/l #	64
19) Methyl tert-butyl Ether	5.800	73	5325	1.553	ug/l #	77
20) Methylene Chloride	5.259	84	756	0.651	ug/l #	66
21) trans-1,2-Dichloroethene	5.771	96	912	0.807	ug/l #	82
22) Diisopropyl ether	6.677	45	4074	1.442	ug/l #	94
23) Vinyl Acetate	6.600	43	16622	8.179	ug/l	97
24) 1,1-Dichloroethane	6.571	63	2971	1.504	ug/l #	79
25) 2-Butanone	7.494	43	4980	7.906	ug/l	94
26) 2,2-Dichloropropane	7.488	77	3307	1.667	ug/l	89
27) cis-1,2-Dichloroethene	7.477	96	2220	1.629	ug/l	80
28) Bromochloromethane	7.812	49	1286	1.394	ug/l #	90
29) Tetrahydrofuran	7.847	42	3123	7.752	ug/l #	83
30) Chloroform	7.965	83	3572	1.586	ug/l #	69
31) Cyclohexane	8.224	56	3134	1.748	ug/l #	9
32) 1,1,1-Trichloroethane	8.171	97	3242	1.577	ug/l #	46
36) 1,1-Dichloropropene	8.377	75	2088	1.456	ug/l	97
37) Ethyl Acetate	7.565	43	1994	1.540	ug/l #	77
38) Carbon Tetrachloride	8.347	117	2855	1.540	ug/l #	61
39) Methylcyclohexane	9.594	83	2684	1.564	ug/l #	76
40) Benzene	8.600	78	7812	1.573	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	1107	1.544	ug/l #	81
42) 1,2-Dichloroethane	8.665	62	2223	1.350	ug/l	90
43) Isopropyl Acetate	8.694	43	6490	2.161	ug/l #	79
44) Trichloroethene	9.353	130	1914	1.502	ug/l	90
45) 1,2-Dichloropropane	9.618	63	1666	1.498	ug/l	99
46) Dibromomethane	9.706	93	1229	1.490	ug/l #	87
47) Bromodichloromethane	9.888	83	2556	1.471	ug/l #	96
48) Methyl methacrylate	9.682	41	1544	1.634	ug/l	97
49) 1,4-Dioxane	9.694	88	588	26.409	ug/l #	78
51) 4-Methyl-2-Pentanone	10.441	43	9333	7.481	ug/l	93
52) Toluene	10.629	92	4460	1.501	ug/l	93
53) t-1,3-Dichloropropene	10.841	75	2647	1.471	ug/l #	88
54) cis-1,3-Dichloropropene	10.306	75	2972	1.532	ug/l #	84
55) 1,1,2-Trichloroethane	11.012	97	1827	1.574	ug/l #	86
56) Ethyl methacrylate	10.876	69	1991	1.363	ug/l	99
57) 1,3-Dichloropropane	11.159	76	2752	1.454	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	5524	7.084	ug/l	97
59) 2-Hexanone	11.188	43	6027	6.881	ug/l	97
60) Dibromochloromethane	11.359	129	2134	1.567	ug/l	87
61) 1,2-Dibromoethane	11.465	107	1428	1.324	ug/l	85
64) Tetrachloroethene	11.100	164	2035	1.502	ug/l	88
65) Chlorobenzene	11.888	112	5214	1.553	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.953	131	1883	1.575	ug/l #	67
67) Ethyl Benzene	11.965	91	8048	1.512	ug/l #	86
68) m/p-Xylenes	12.065	106	5946	2.922	ug/l	98
69) o-Xylene	12.394	106	2907	1.445	ug/l	99
70) Styrene	12.406	104	4220	1.381	ug/l	94
71) Bromoform	12.576	173	1361	1.540	ug/l #	67
73) Isopropylbenzene	12.688	105	6258	1.418	ug/l	92
74) N-amyl acetate	12.494	43	1998	1.492	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	2273	1.709	ug/l #	91
76) 1,2,3-Trichloropropane	12.988	75	2963	1.987	ug/l	76
77) Bromobenzene	12.976	156	1825	1.573	ug/l	95
78) n-propylbenzene	13.035	91	7127	1.444	ug/l	97
79) 2-Chlorotoluene	13.123	91	5028	1.465	ug/l	93
80) 1,3,5-Trimethylbenzene	13.170	105	4846	1.342	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	646	1.466	ug/l #	72
82) 4-Chlorotoluene	13.223	91	4675	1.403	ug/l	94
83) tert-Butylbenzene	13.435	119	4127	1.337	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	4541	1.271	ug/l	88
85) sec-Butylbenzene	13.617	105	5328	1.308	ug/l	96
86) p-Isopropyltoluene	13.723	119	4586	1.357	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	3502	1.560	ug/l	97
88) 1,4-Dichlorobenzene	13.729	146	3502	1.525	ug/l	96
89) n-Butylbenzene	14.053	91	3940	1.388	ug/l	97
90) Hexachloroethane	14.323	117	1043	1.592	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	3609	1.602	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.711	75	474	1.595	ug/l #	59
93) 1,2,4-Trichlorobenzene	15.388	180	1692	1.477	ug/l	93
94) Hexachlorobutadiene	15.488	225	931	1.484	ug/l	80
95) Naphthalene	15.641	128	4709	1.421	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.847	180	1670	1.515	ug/l	96

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QLast Update : Tue Apr 08 03:08:50 2025
Response via : Initial Calibration

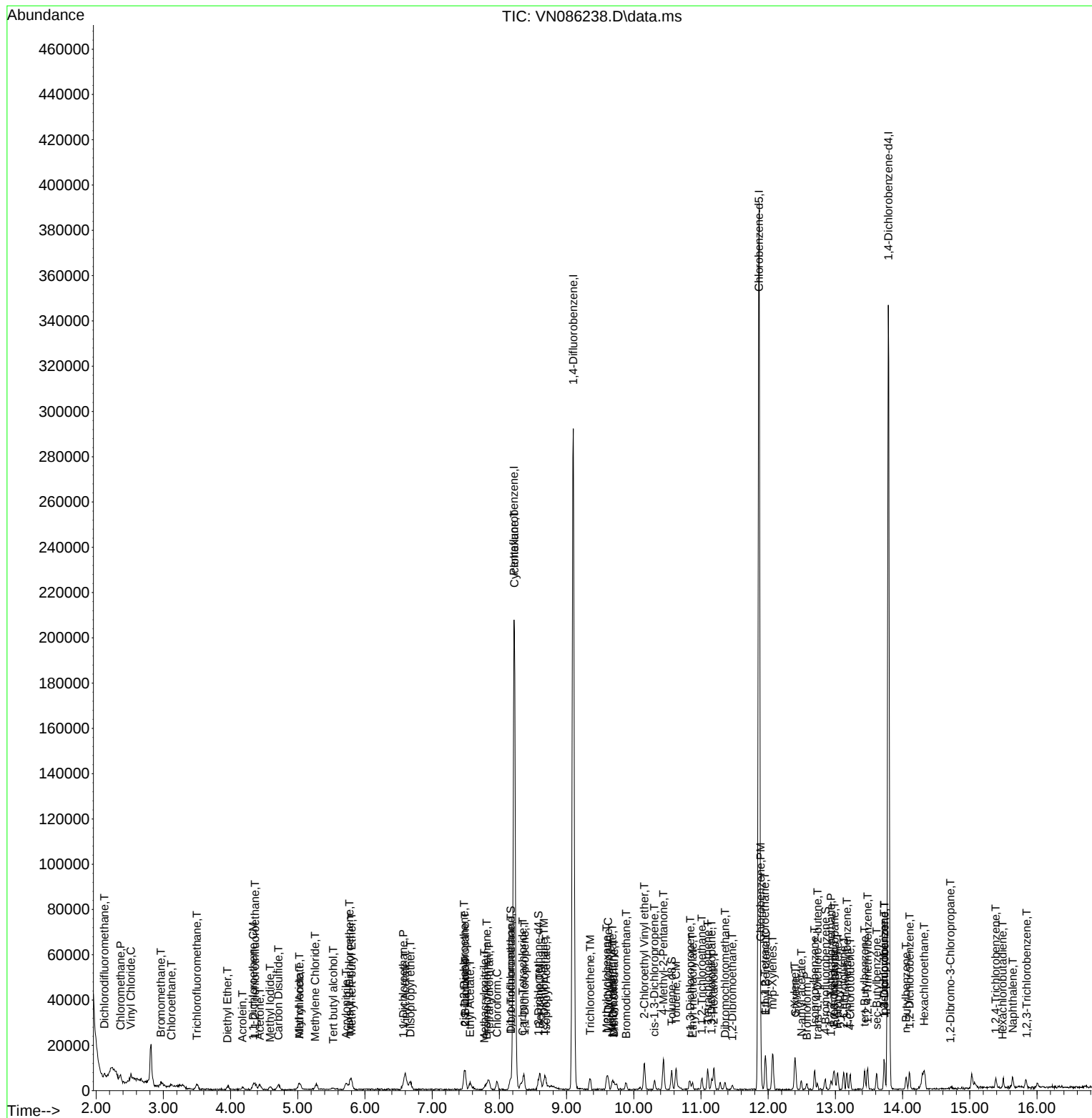
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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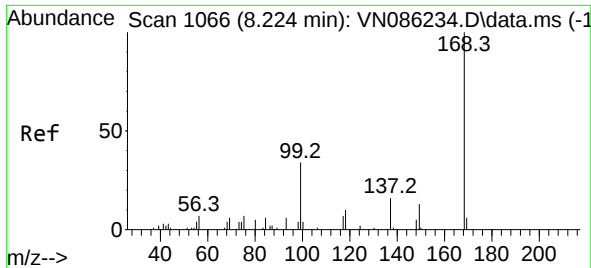
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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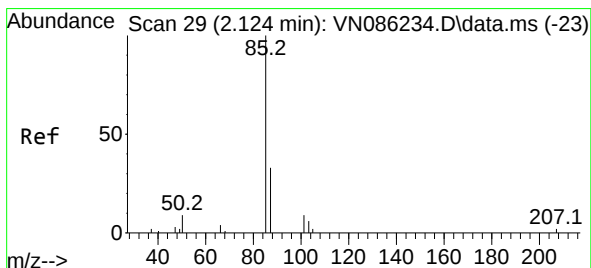
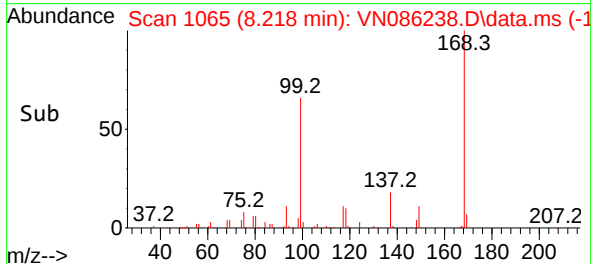
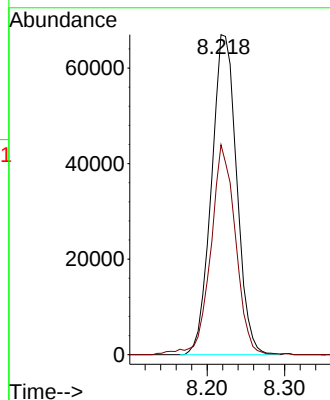
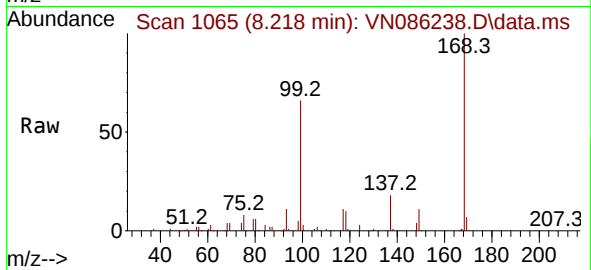




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN086238.D
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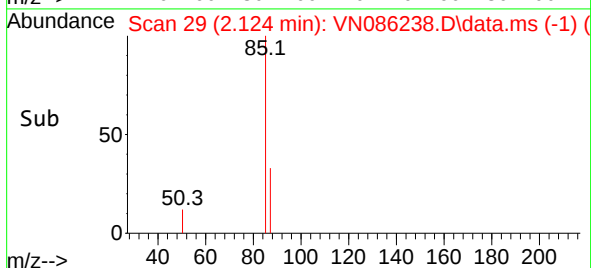
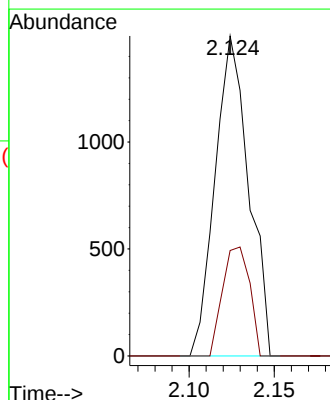
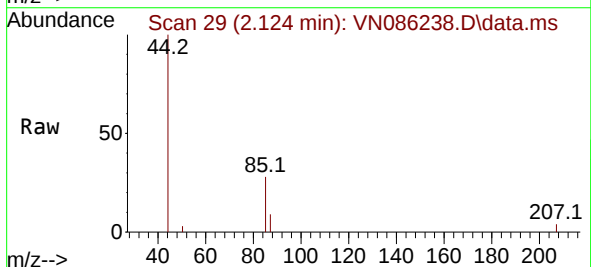
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

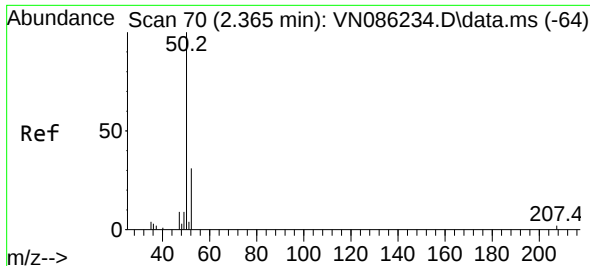
Tgt Ion:168 Resp: 151440
Ion Ratio Lower Upper
168 100
99 65.4 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 1.562 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 85 Resp: 2054
Ion Ratio Lower Upper
85 100
87 33.0 16.3 48.8

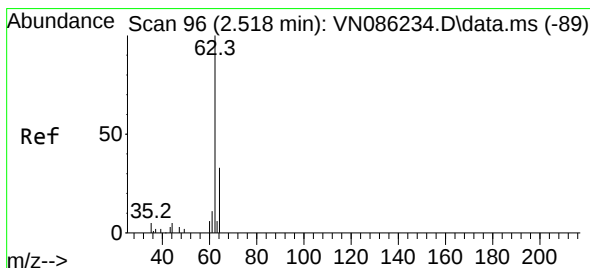
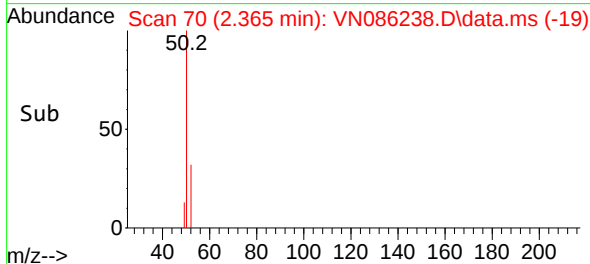
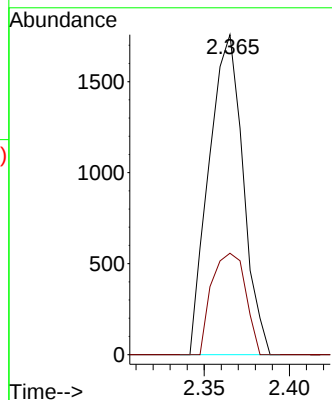
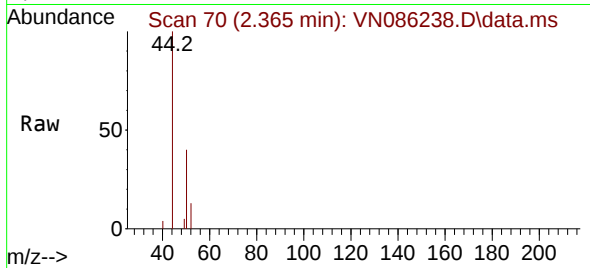




#3
Chloromethane
Concen: 1.650 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

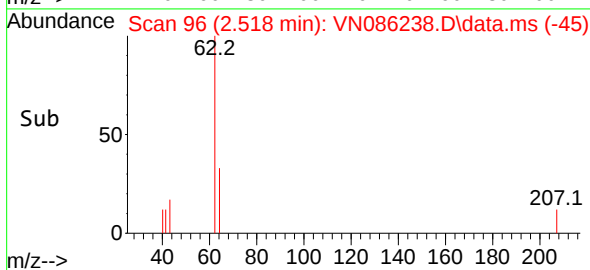
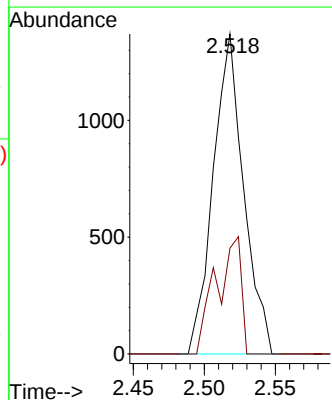
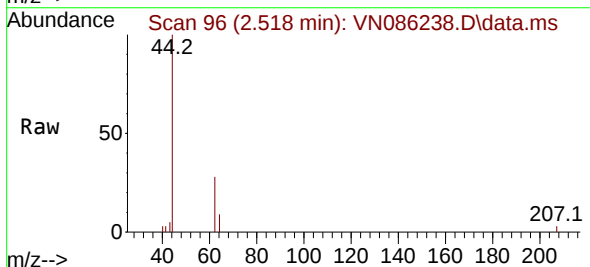
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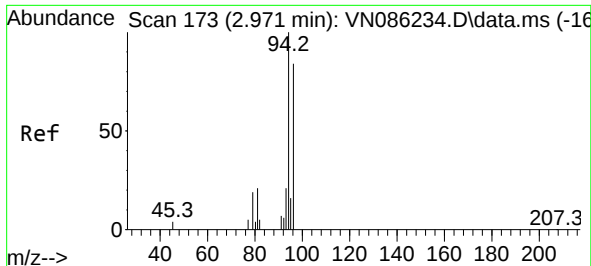
Tgt Ion: 50 Resp: 2448
Ion Ratio Lower Upper
50 100
52 31.7 24.5 36.7



#4
Vinyl Chloride
Concen: 1.538 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 62 Resp: 2042
Ion Ratio Lower Upper
62 100
64 33.1 26.4 39.6

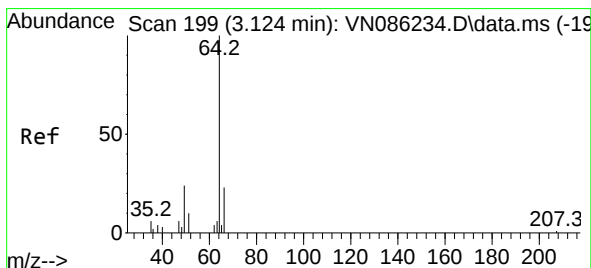
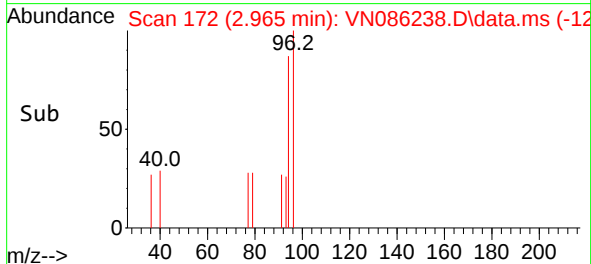
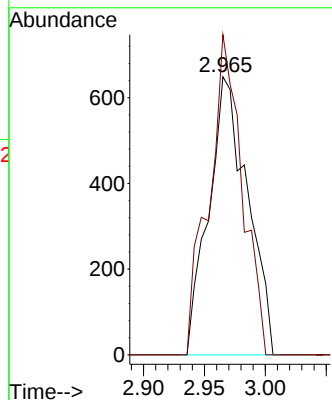
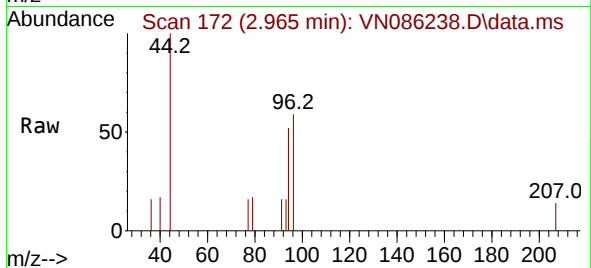




#5
Bromomethane
Concen: 2.178 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086238.D
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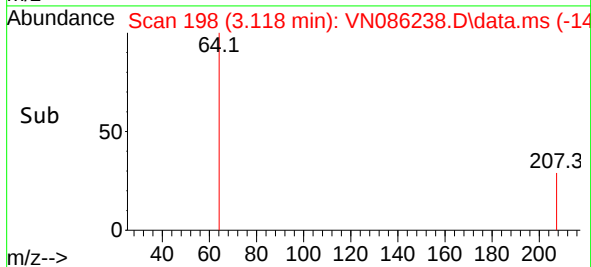
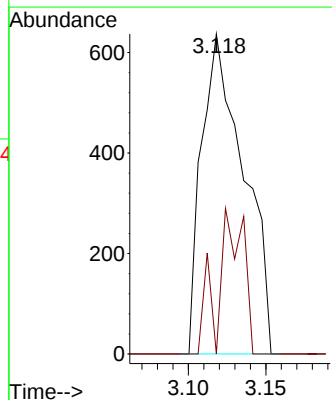
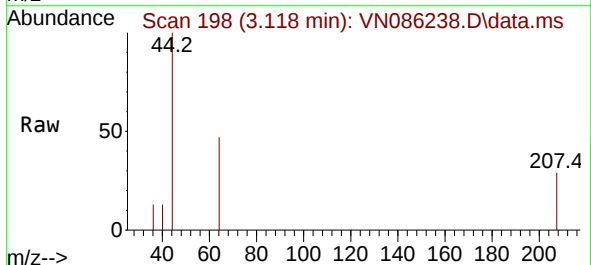
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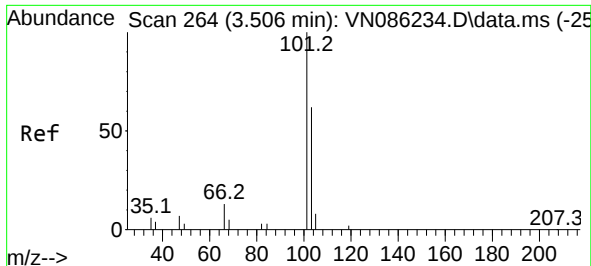
Tgt Ion: 94 Resp: 1436
Ion Ratio Lower Upper
94 100
96 115.1 69.6 104.4#



#6
Chloroethane
Concen: 1.532 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 64 Resp: 1203
Ion Ratio Lower Upper
64 100
66 0.0 18.7 28.1#

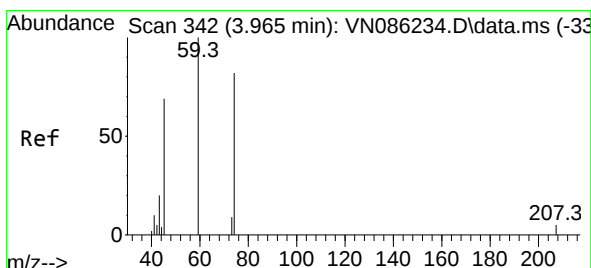
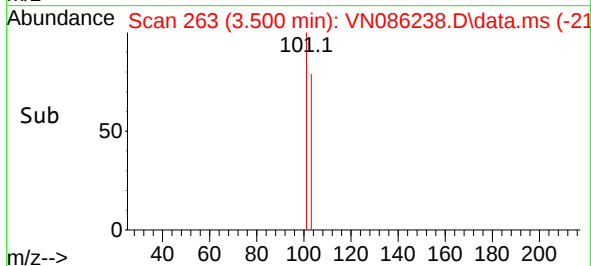
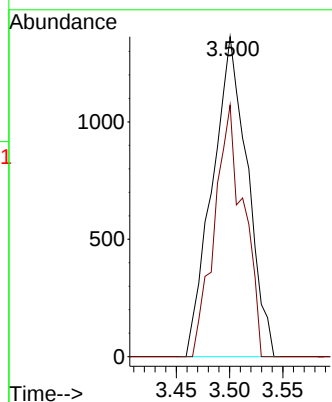
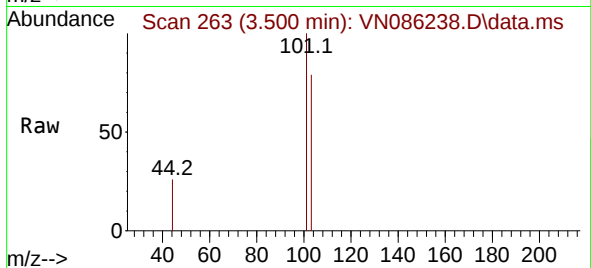




#7
 Trichlorofluoromethane
 Concen: 1.613 ug/l
 RT: 3.500 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN086238.D
 Acq: 07 Apr 2025 15:58

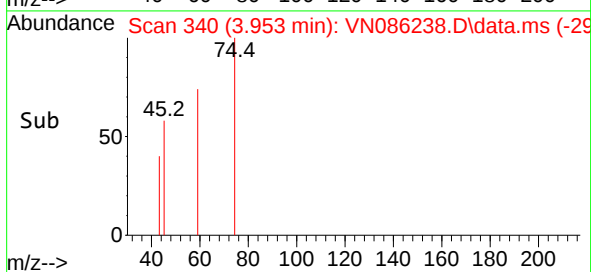
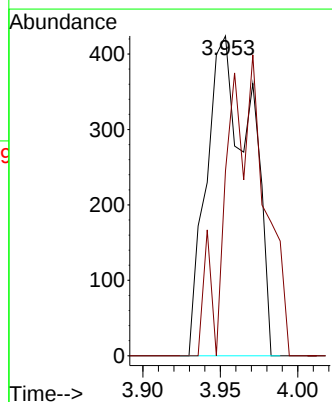
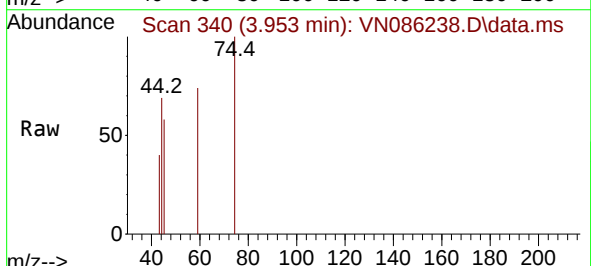
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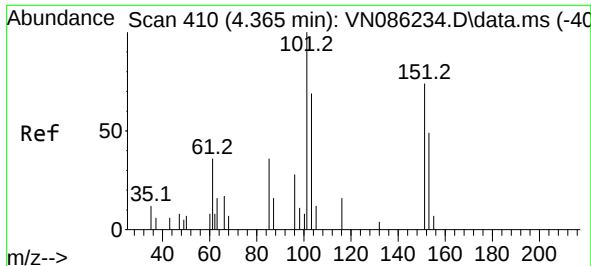
Tgt Ion:101 Resp: 3123
 Ion Ratio Lower Upper
 101 100
 103 78.6 50.0 75.0#



#8
 Diethyl Ether
 Concen: 1.398 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.012 min
 Lab File: VN086238.D
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Tgt Ion: 74 Resp: 833
 Ion Ratio Lower Upper
 74 100
 45 82.5 38.6 116.0

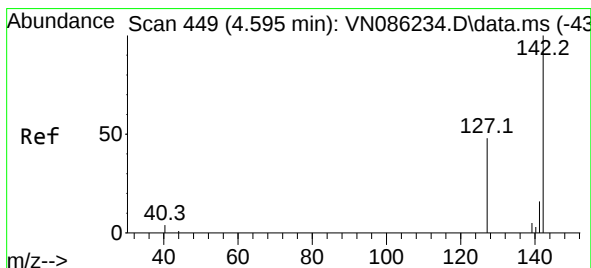
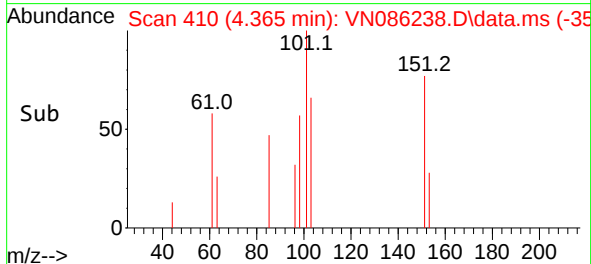
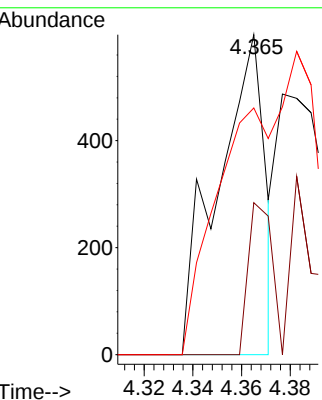
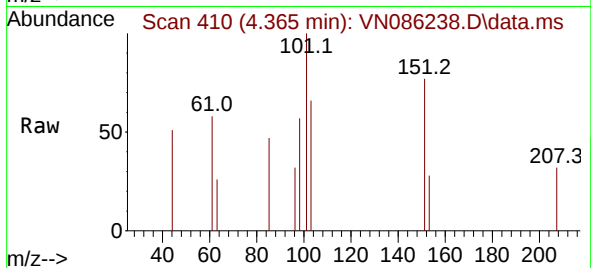




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.796 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

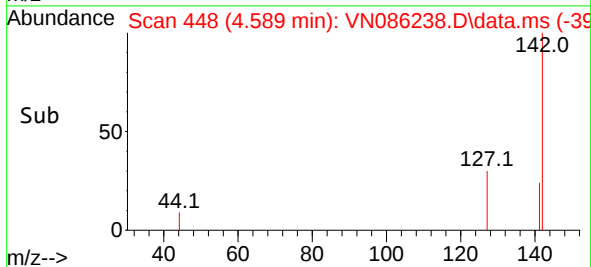
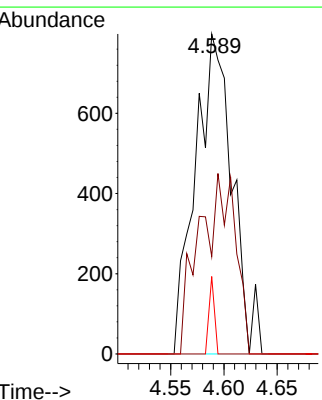
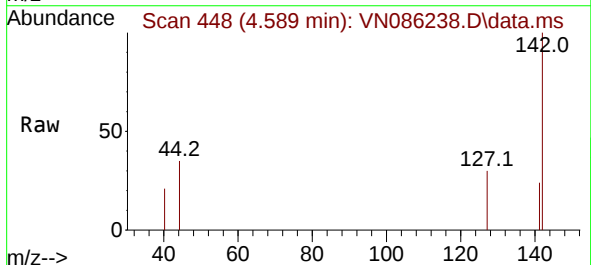
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

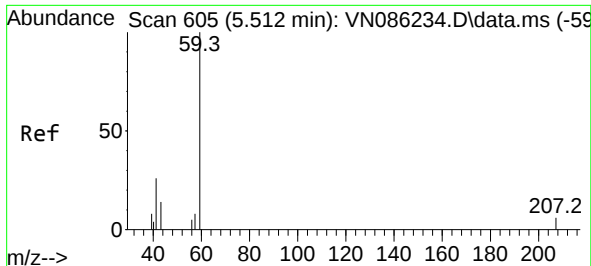
Tgt Ion:101 Resp: 806
Ion Ratio Lower Upper
101 100
85 23.8 34.6 52.0#
151 0.0 59.9 89.9#



#10
Methyl Iodide
Concen: 1.614 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion:142 Resp: 1926
Ion Ratio Lower Upper
142 100
127 30.5 38.3 57.5#
141 24.2 12.6 19.0#

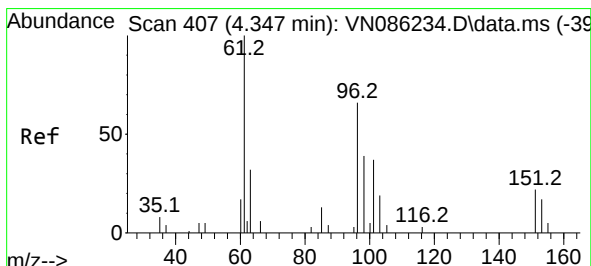
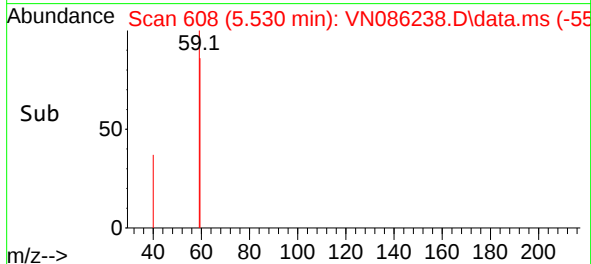
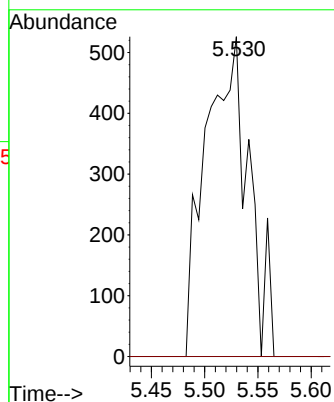
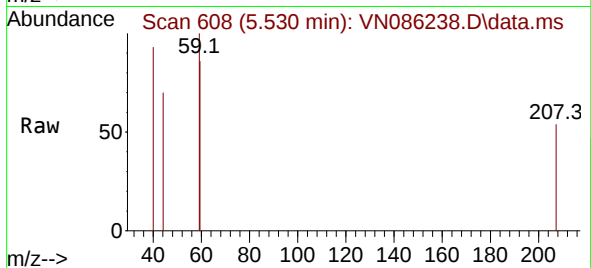




#11
Tert butyl alcohol
Concen: 8.488 ug/l
RT: 5.530 min Scan# 605
Delta R.T. 0.018 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

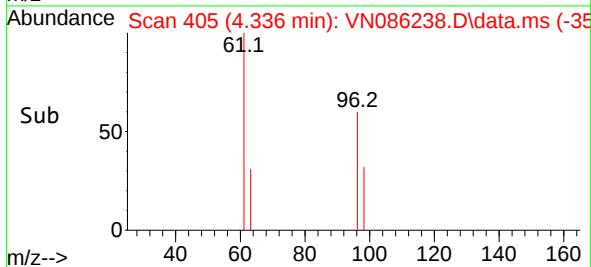
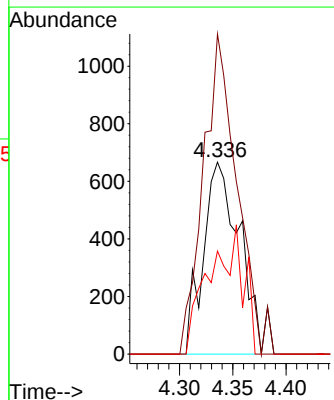
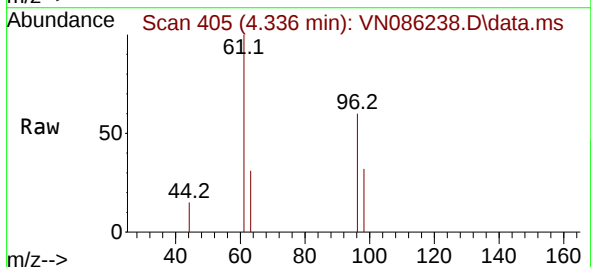
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

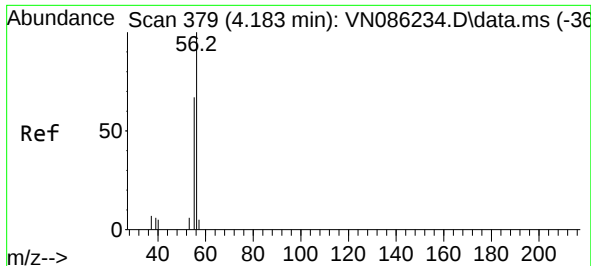
Tgt Ion: 59 Resp: 1472
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#



#12
1,1-Dichloroethene
Concen: 1.588 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 96 Resp: 1625
Ion Ratio Lower Upper
96 100
61 166.7 120.3 180.5
98 53.7 46.6 70.0

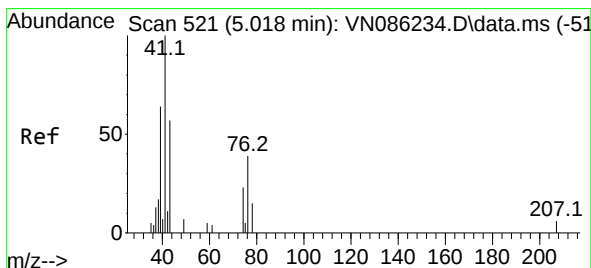
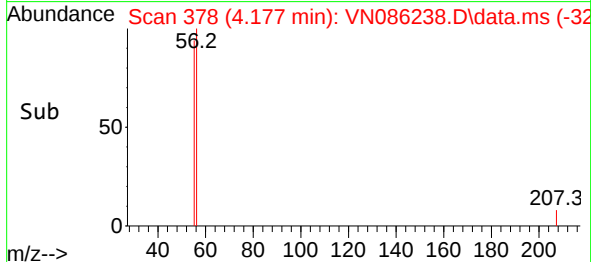
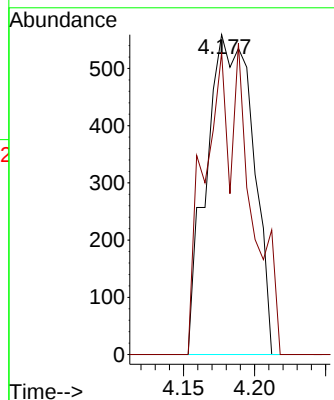
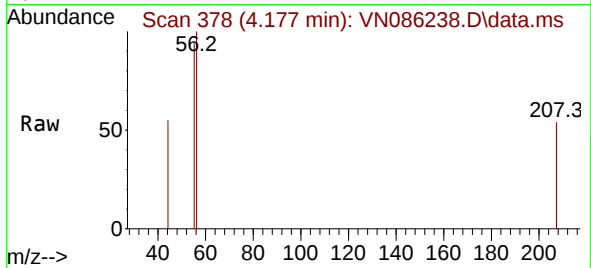




#13
Acrolein
Concen: 4.747 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

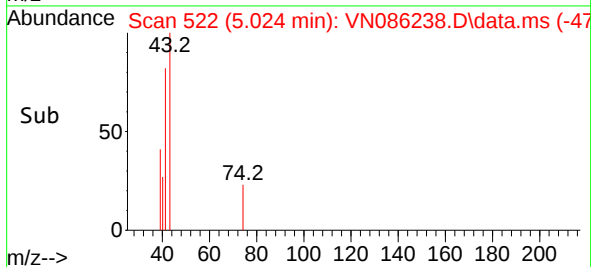
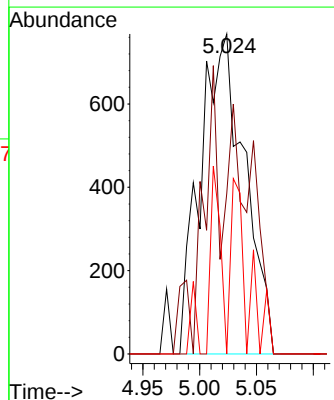
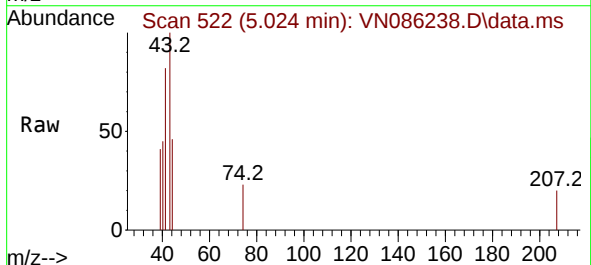
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

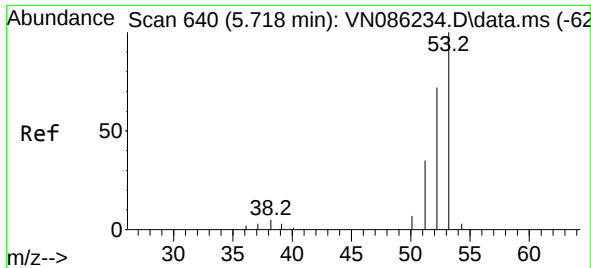
Tgt Ion: 56 Resp: 1274
Ion Ratio Lower Upper
56 100
55 90.6 54.6 82.0#



#14
Allyl chloride
Concen: 1.471 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 41 Resp: 2083
Ion Ratio Lower Upper
41 100
39 38.5 58.7 88.1#
76 20.5 40.2 60.4#

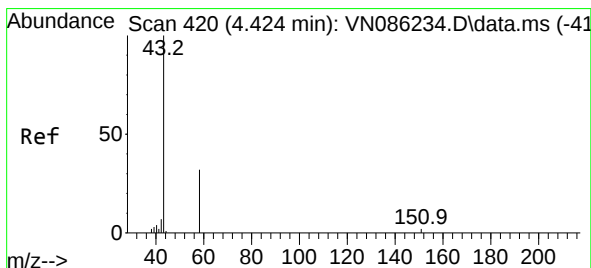
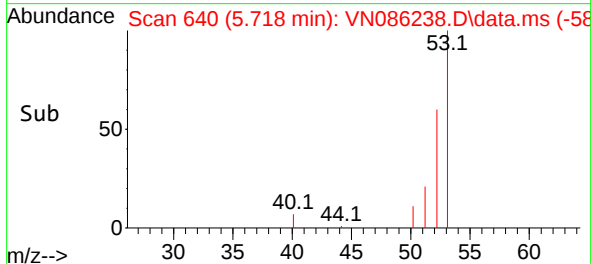
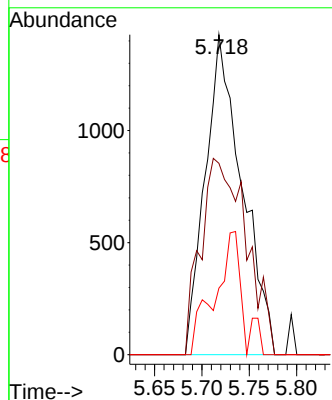
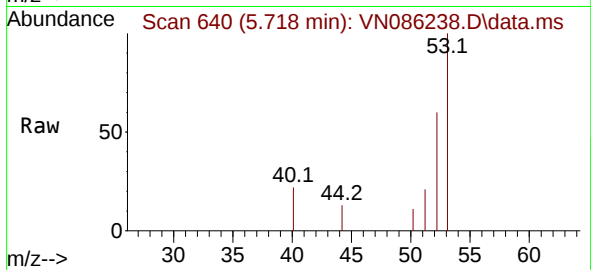




#15
Acrylonitrile
Concen: 7.365 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

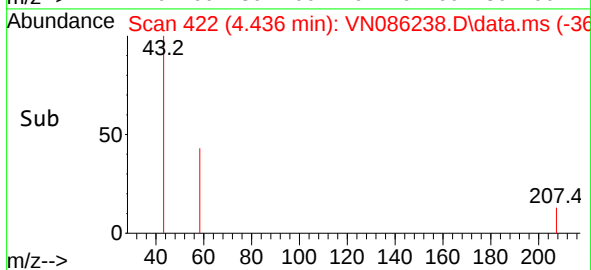
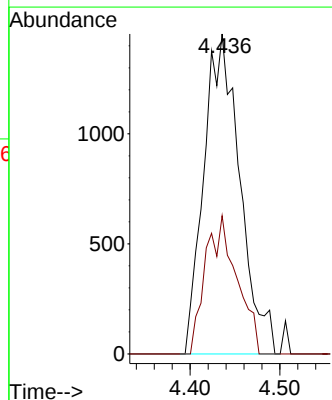
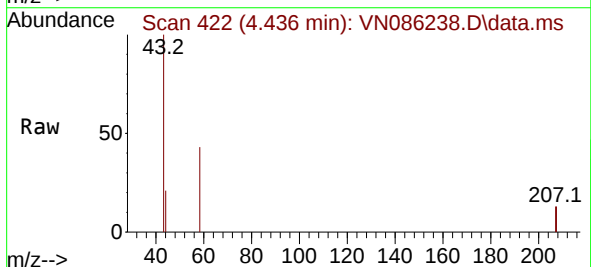
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

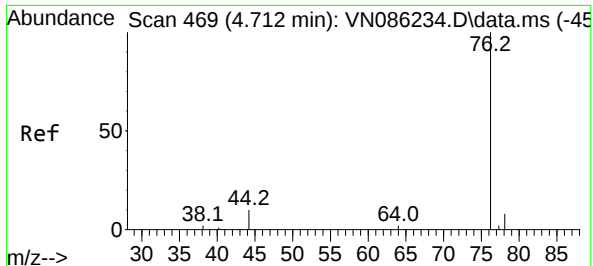
Tgt Ion: 53 Resp: 3858
Ion Ratio Lower Upper
53 100
52 76.3 61.0 91.6
51 0.0 25.4 38.0#



#16
Acetone
Concen: 9.223 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 43 Resp: 4048
Ion Ratio Lower Upper
43 100
58 43.2 25.8 38.6#

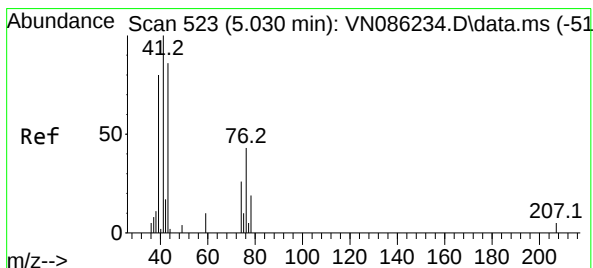
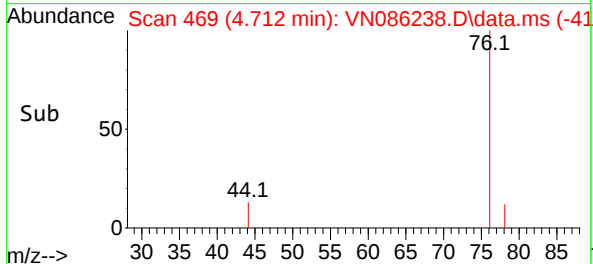
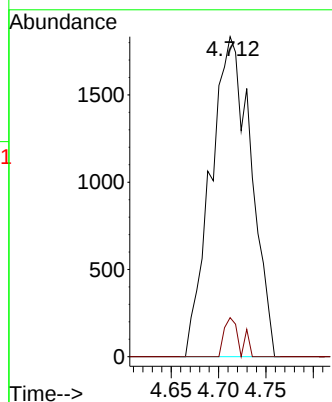
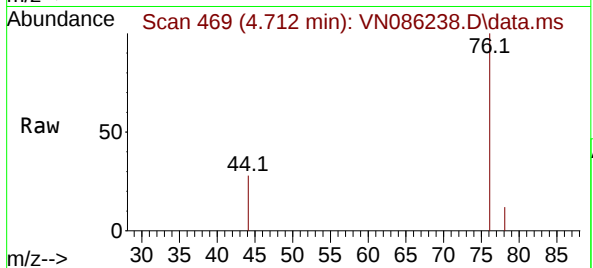




#17
Carbon Disulfide
Concen: 1.658 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

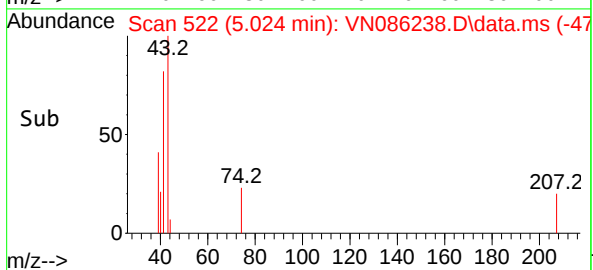
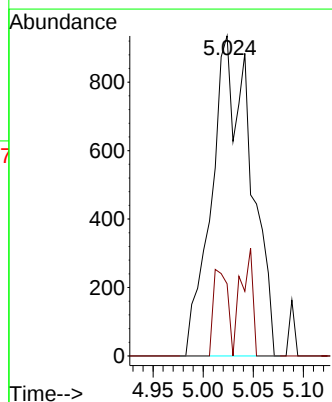
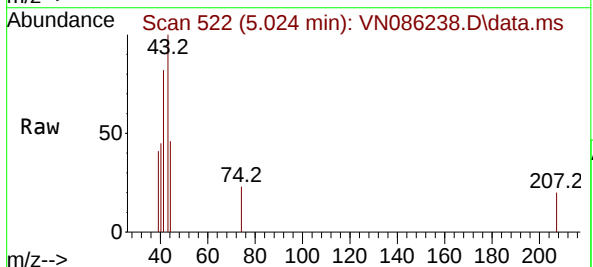
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

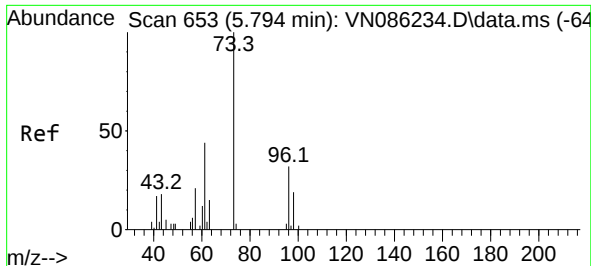
Tgt Ion: 76 Resp: 5431
Ion Ratio Lower Upper
76 100
78 12.2 6.6 10.0#



#18
Methyl Acetate
Concen: 1.879 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 43 Resp: 2535
Ion Ratio Lower Upper
43 100
74 9.8 23.1 34.7#

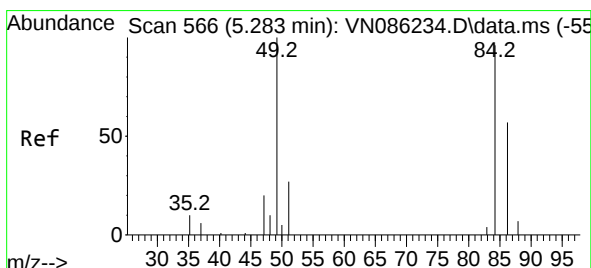
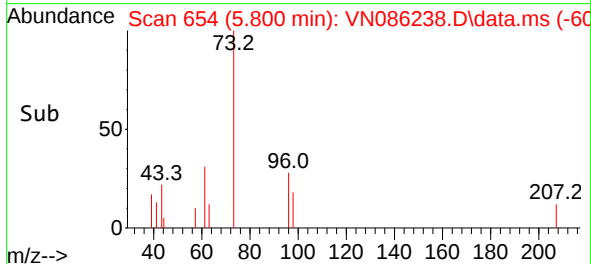
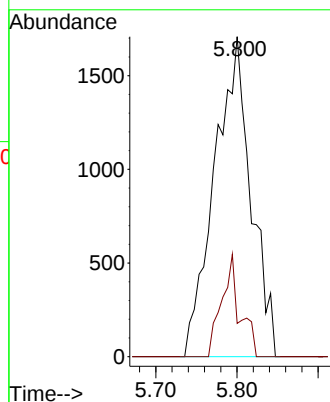
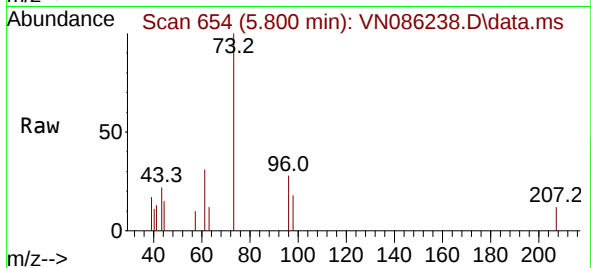




#19
Methyl tert-butyl Ether
Concen: 1.553 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

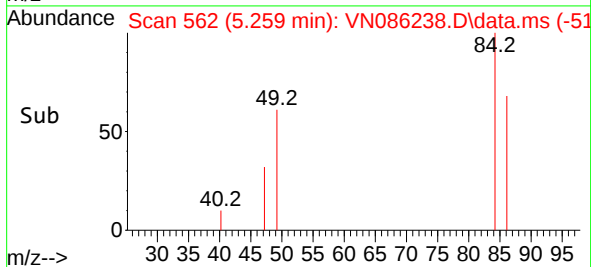
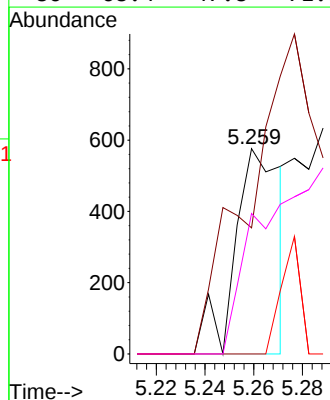
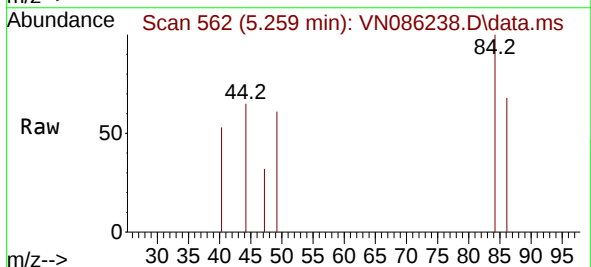
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

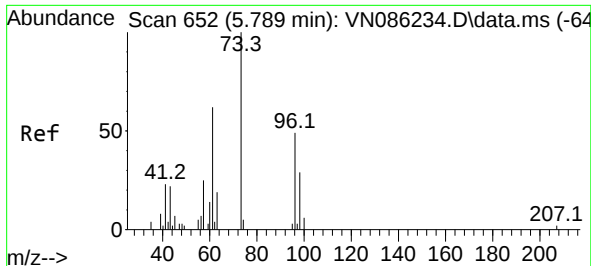
Tgt Ion: 73 Resp: 5325
Ion Ratio Lower Upper
73 100
57 10.4 17.2 25.8#



#20
Methylene Chloride
Concen: 0.651 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.024 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 84 Resp: 756
Ion Ratio Lower Upper
84 100
49 61.5 83.7 125.5#
51 0.0 22.7 34.1#
86 68.4 47.8 71.8

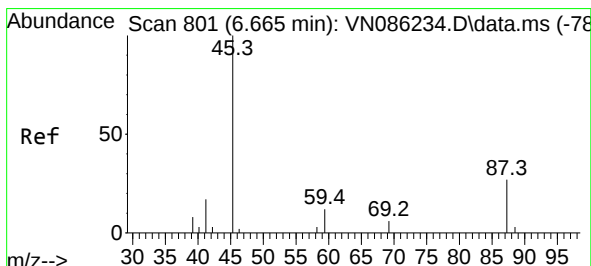
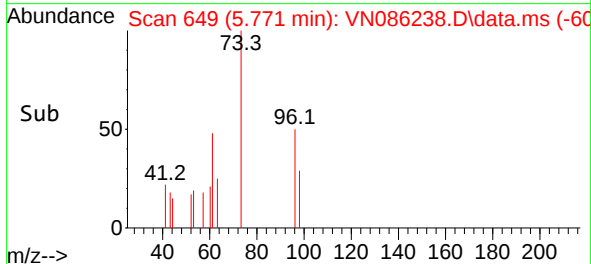
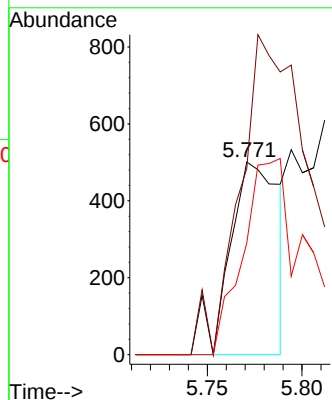
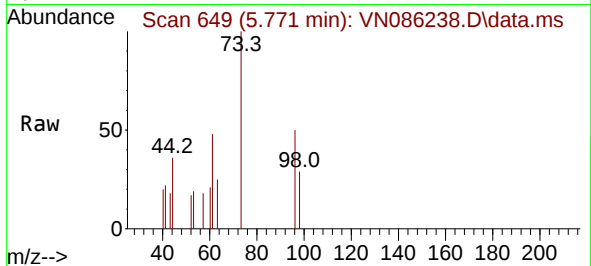




#21
trans-1,2-Dichloroethene
Concen: 0.807 ug/l
RT: 5.771 min Scan# 64
Delta R.T. -0.018 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

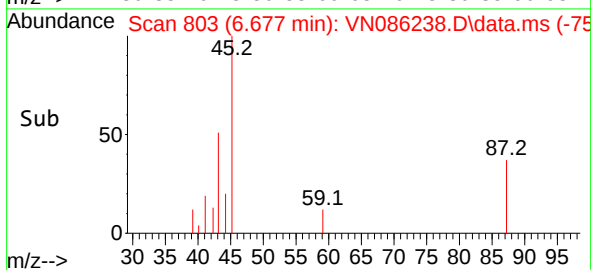
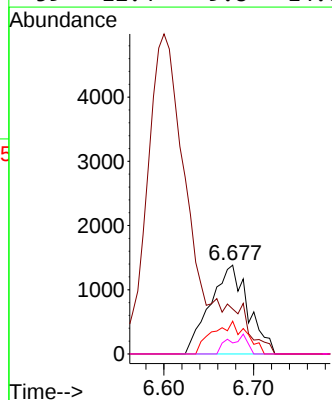
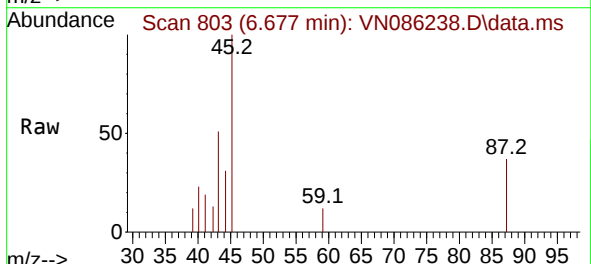
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

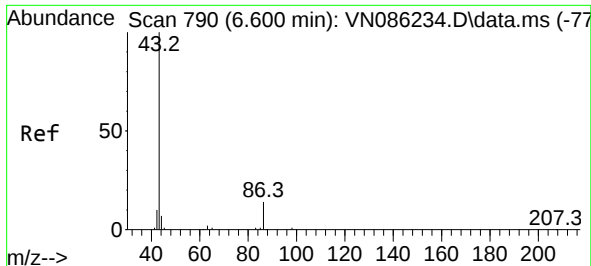
Tgt Ion: 96 Resp: 912
Ion Ratio Lower Upper
96 100
61 96.6 100.9 151.3#
98 57.9 47.7 71.5



#22
Diisopropyl ether
Concen: 1.442 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.012 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 45 Resp: 4074
Ion Ratio Lower Upper
45 100
43 50.5 41.0 61.4
87 36.9 22.8 34.2#
59 12.4 9.8 14.6

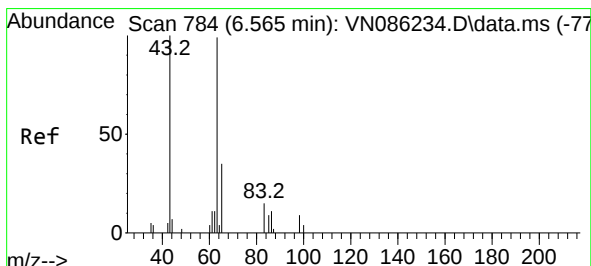
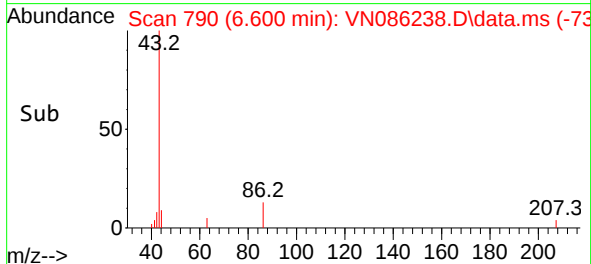
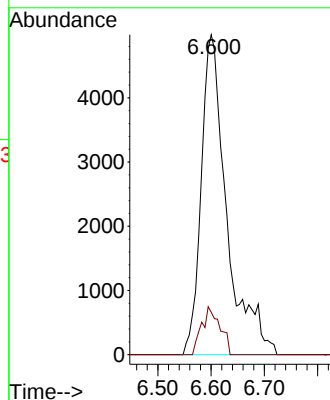
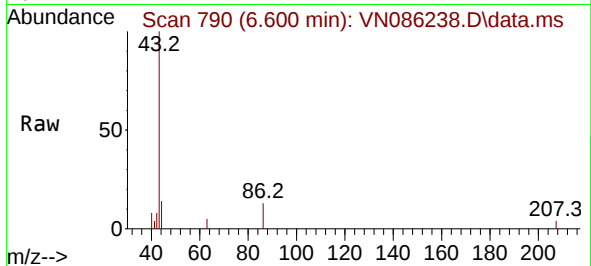




#23
 Vinyl Acetate
 Concen: 8.179 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086238.D
 Acq: 07 Apr 2025 15:58

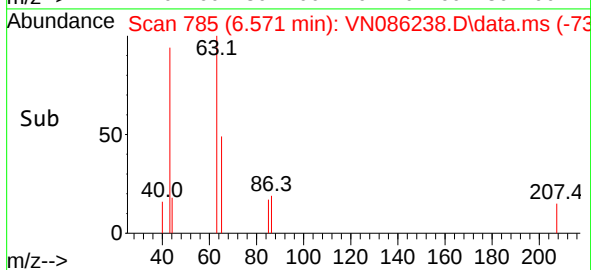
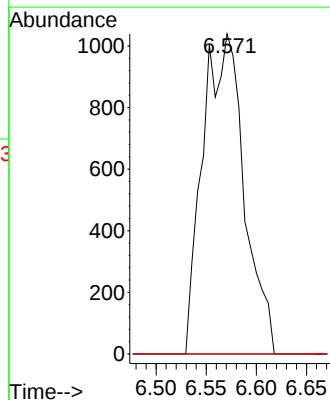
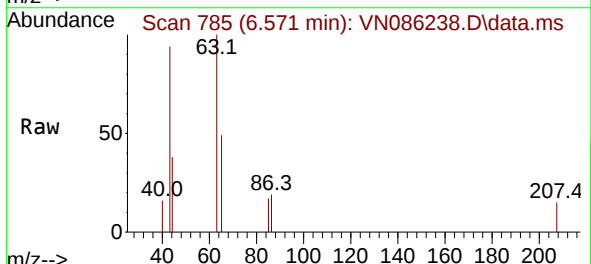
Instrument :
 MSVOA_N
 ClientSampleId :
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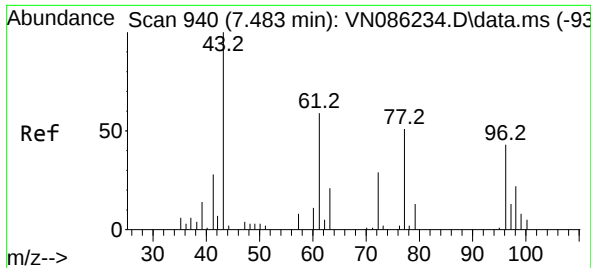
Tgt Ion: 43 Resp: 16622
 Ion Ratio Lower Upper
 43 100
 86 13.3 11.5 17.3



#24
 1,1-Dichloroethane
 Concen: 1.504 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086238.D
 Acq: 07 Apr 2025 15:58

Tgt Ion: 63 Resp: 2971
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.6 13.8#
 100 0.0 1.8 5.5#

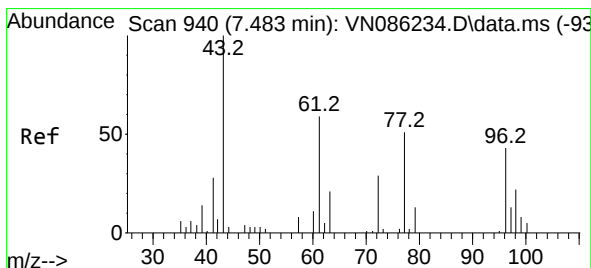
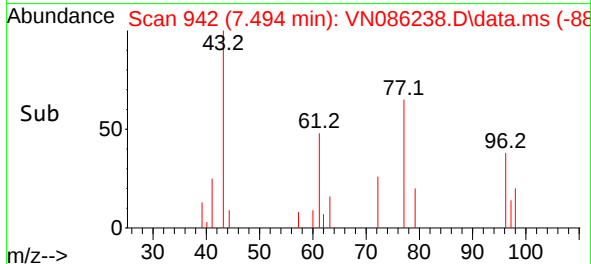
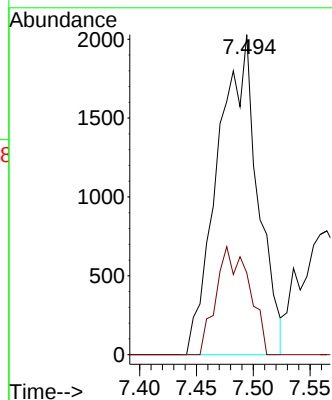
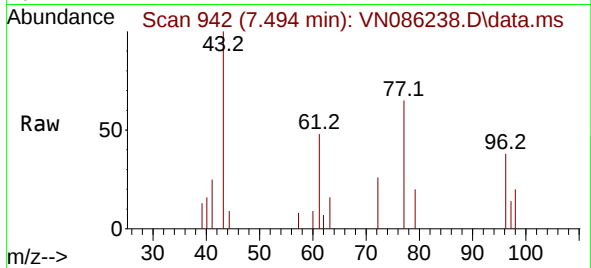




#25
2-Butanone
Concen: 7.906 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

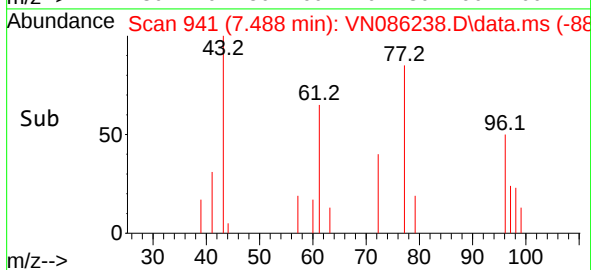
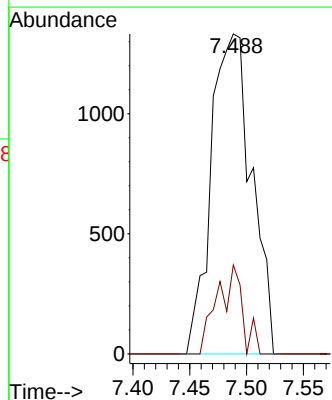
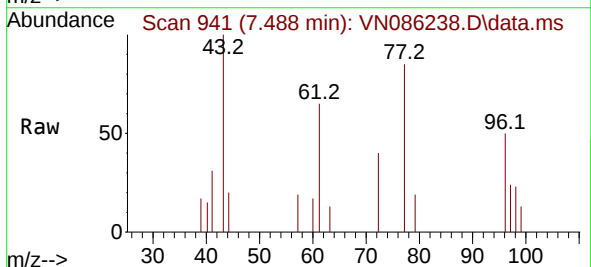
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

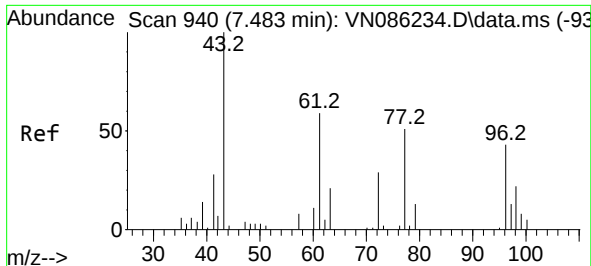
Tgt Ion: 43 Resp: 4980
Ion Ratio Lower Upper
43 100
72 25.6 23.1 34.7



#26
2,2-Dichloropropane
Concen: 1.667 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 77 Resp: 3307
Ion Ratio Lower Upper
77 100
97 17.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 1.629 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

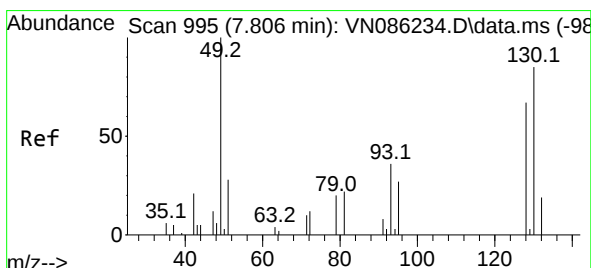
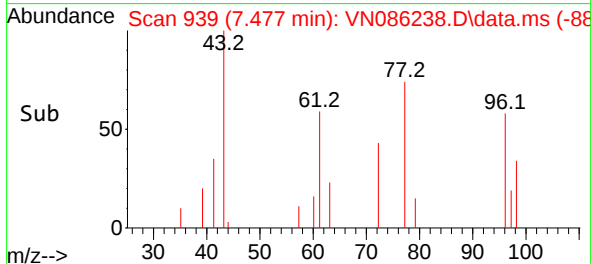
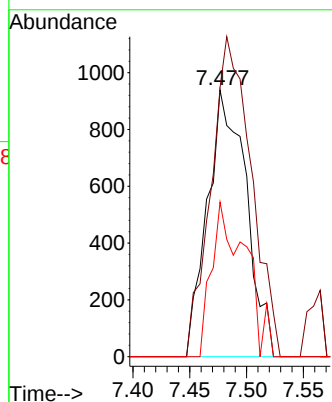
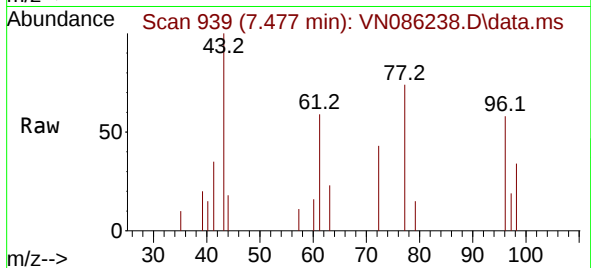
Tgt Ion: 96 Resp: 2220

Ion Ratio Lower Upper

96 100

61 125.1 0.0 270.8

98 30.0 0.0 127.0



#28

Bromochloromethane

Concen: 1.394 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

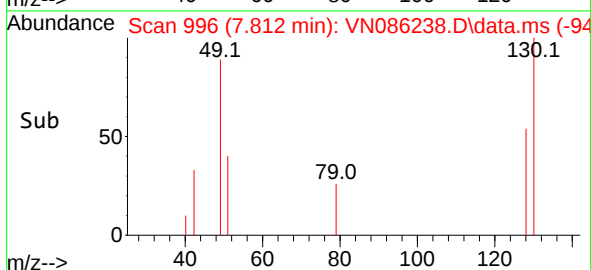
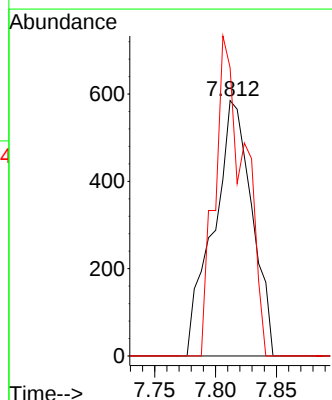
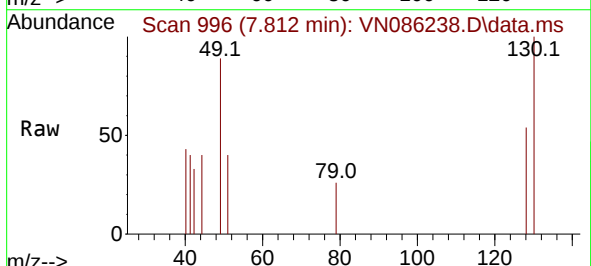
Tgt Ion: 49 Resp: 1286

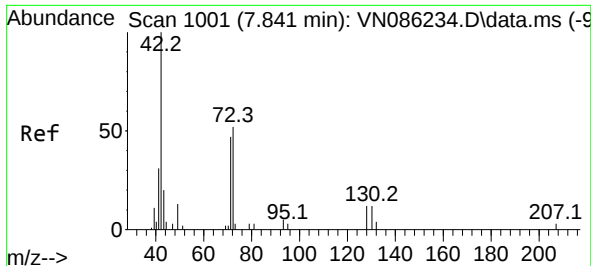
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.0

130 97.9 70.5 105.7





#29

Tetrahydrofuran

Concen: 7.752 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

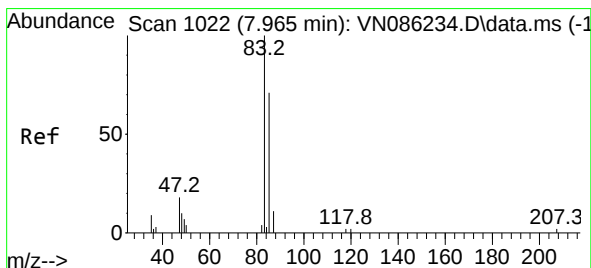
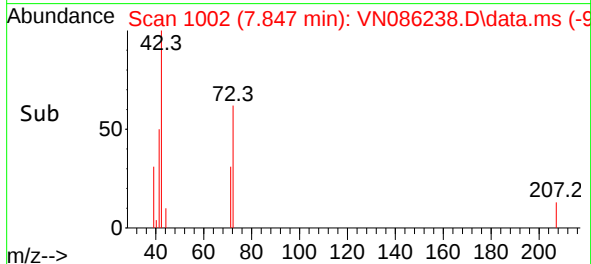
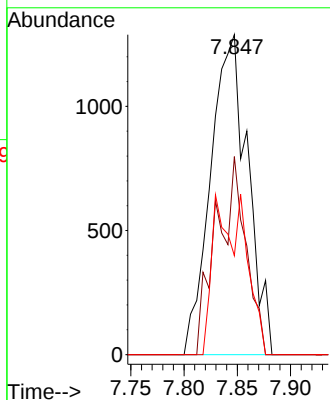
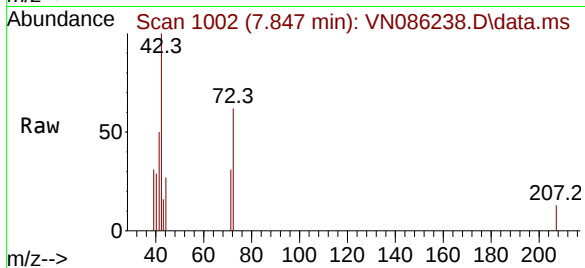
Tgt Ion: 42 Resp: 3123

Ion Ratio Lower Upper

42 100

72 49.1 40.8 61.2

71 25.9 38.2 57.4#



#30

Chloroform

Concen: 1.586 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086238.D

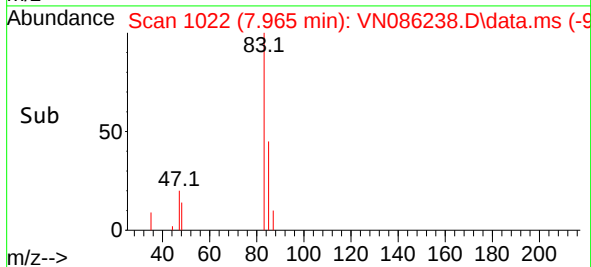
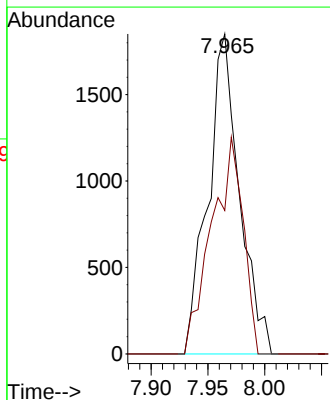
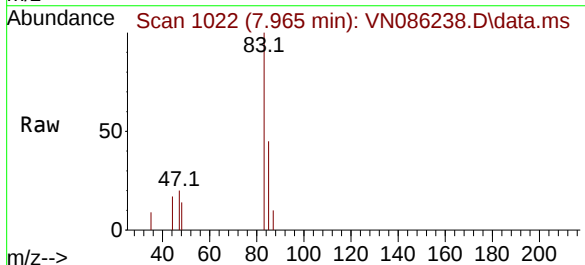
Acq: 07 Apr 2025 15:58

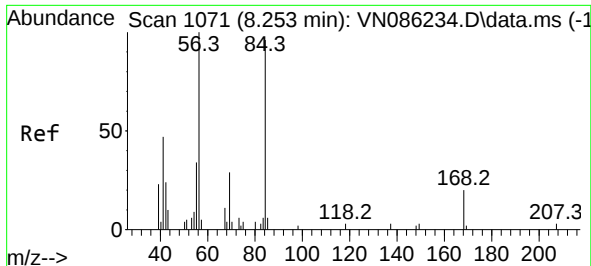
Tgt Ion: 83 Resp: 3572

Ion Ratio Lower Upper

83 100

85 44.8 56.4 84.6#

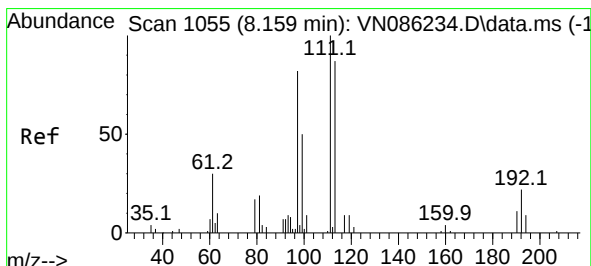
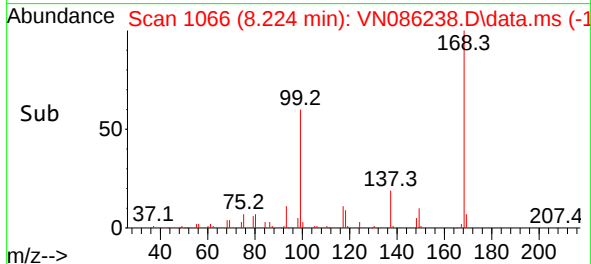
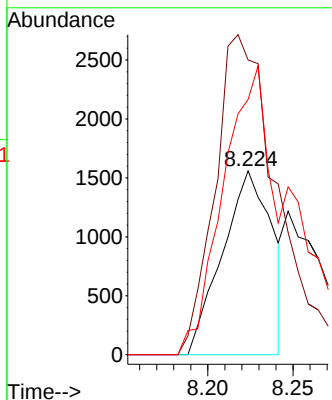
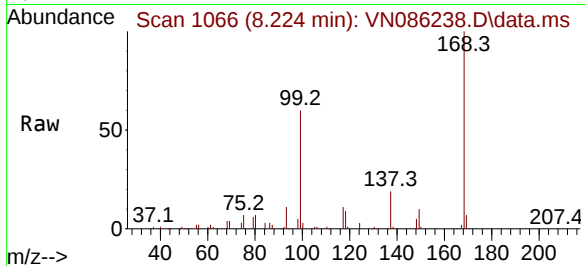




#31
Cyclohexane
Concen: 1.748 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

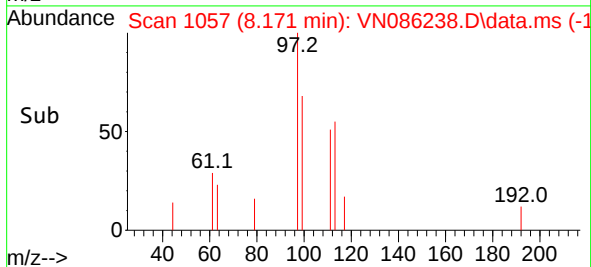
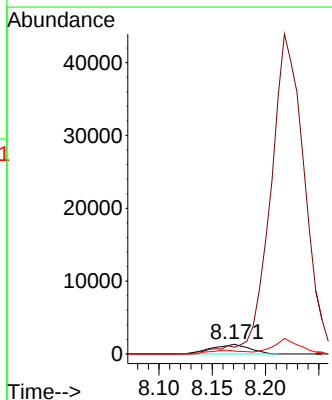
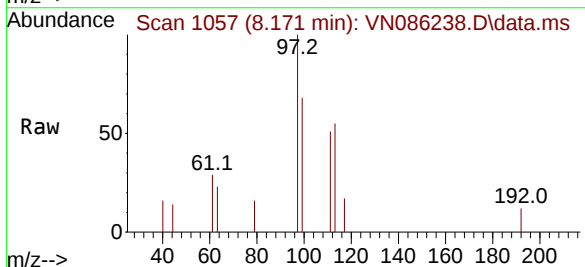
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

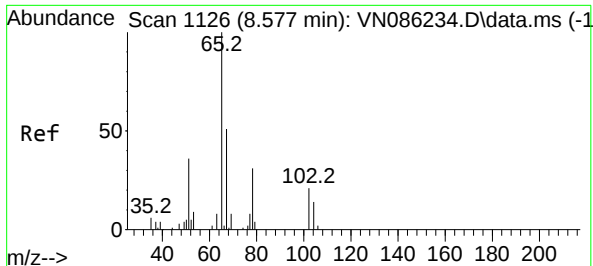
Tgt Ion: 56 Resp: 3134
Ion Ratio Lower Upper
56 100
69 160.3 23.1 34.7#
84 138.8 76.9 115.3#



#32
1,1,1-Trichloroethane
Concen: 1.577 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 97 Resp: 3242
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.8#
61 35.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 1.304 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

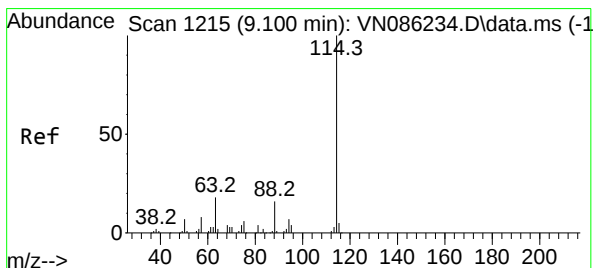
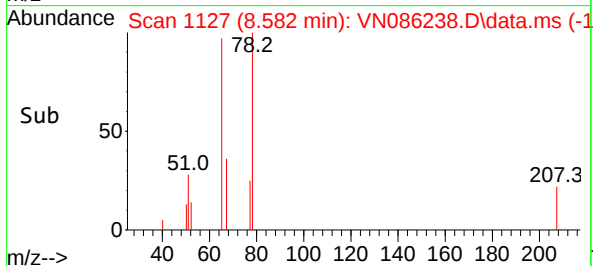
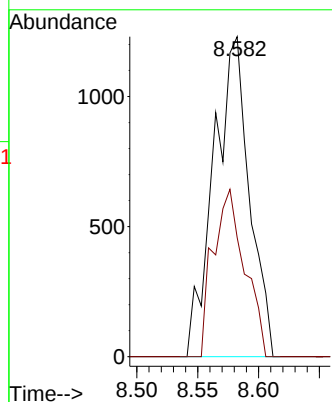
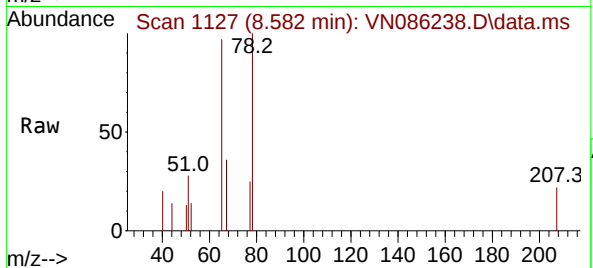
VSTDIC001

Tgt Ion: 65 Resp: 2499

Ion Ratio Lower Upper

65 100

67 46.4 0.0 99.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

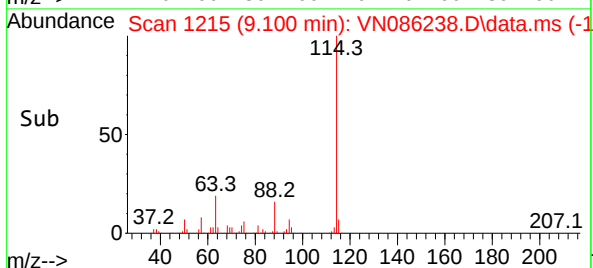
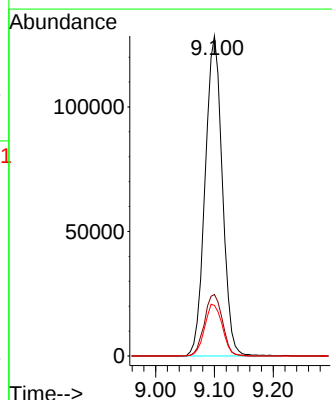
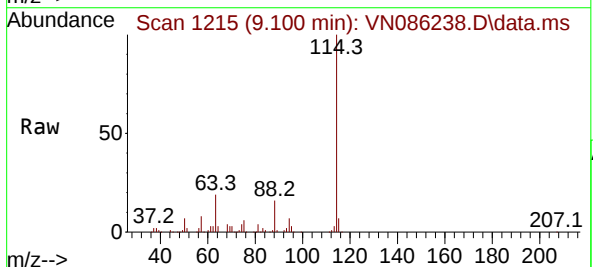
Tgt Ion: 114 Resp: 260373

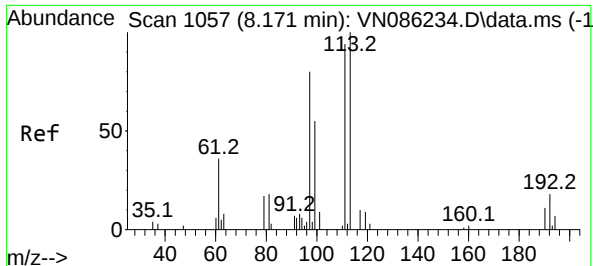
Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.6

88 15.8 0.0 31.2





#35

Dibromofluoromethane

Concen: 1.237 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

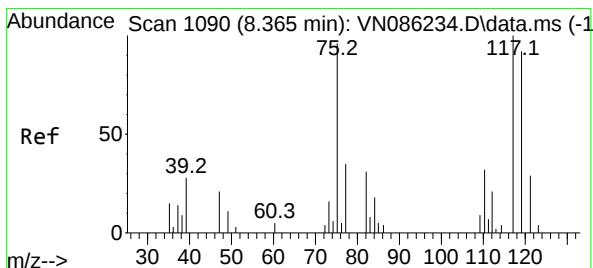
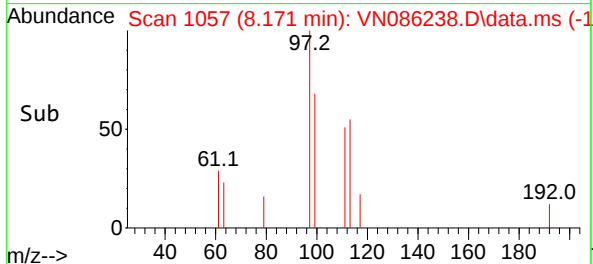
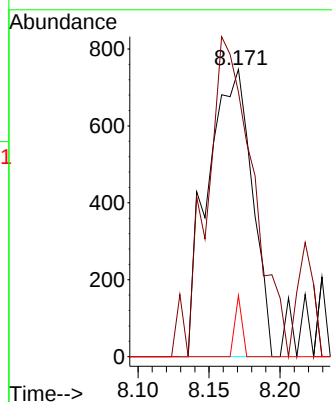
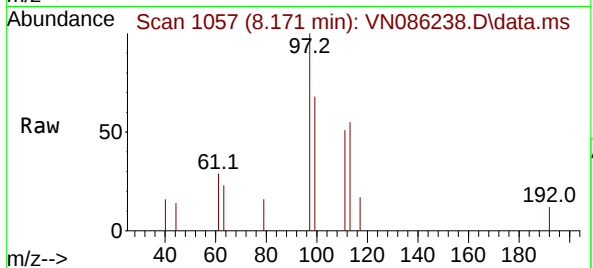
Tgt Ion:113 Resp: 1628

Ion Ratio Lower Upper

113 100

111 115.7 84.2 126.2

192 3.4 16.1 24.1#



#36

1,1-Dichloropropene

Concen: 1.456 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.012 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

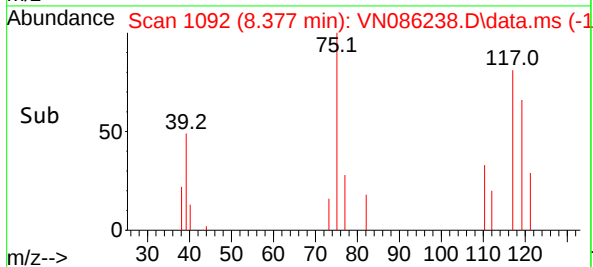
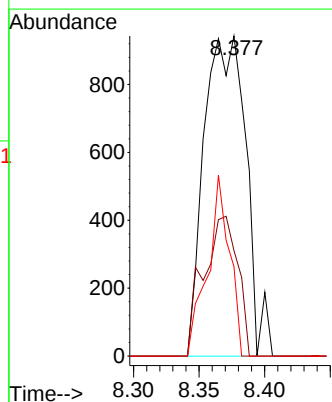
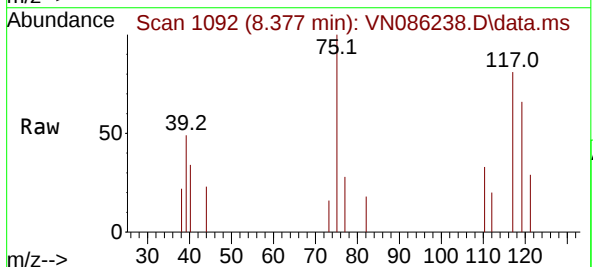
Tgt Ion: 75 Resp: 2088

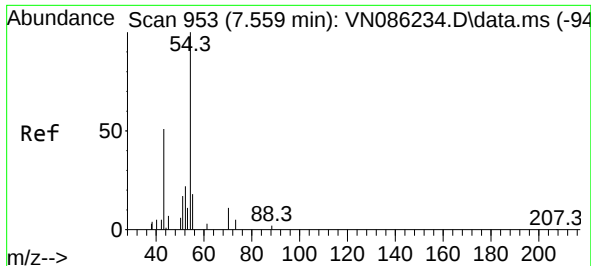
Ion Ratio Lower Upper

75 100

110 35.7 16.9 50.7

77 29.6 23.0 34.4

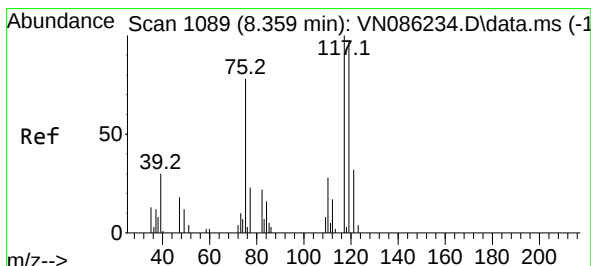
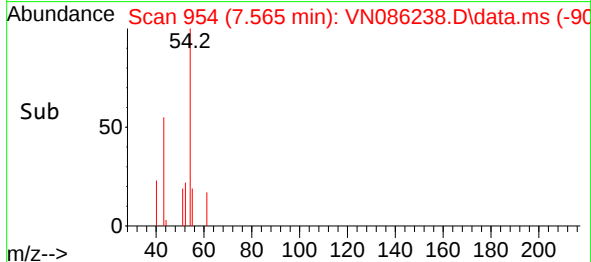
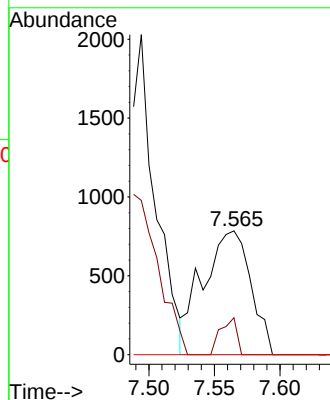
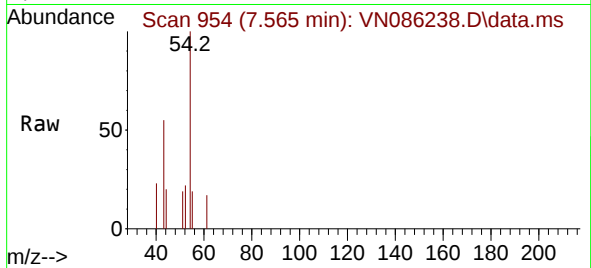




#37
Ethyl Acetate
Concen: 1.540 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

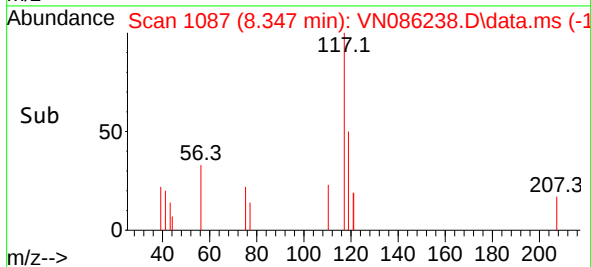
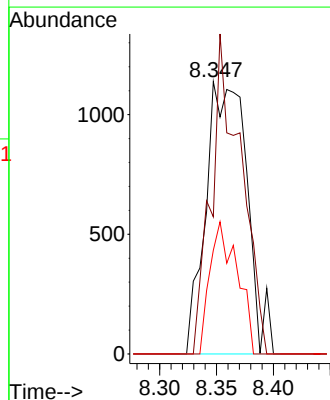
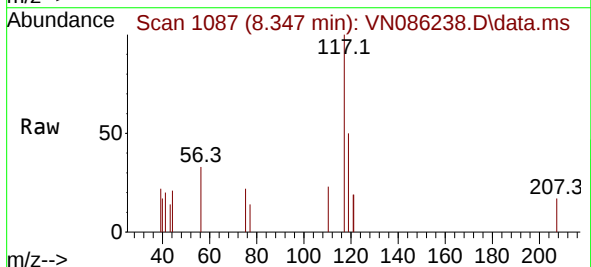
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

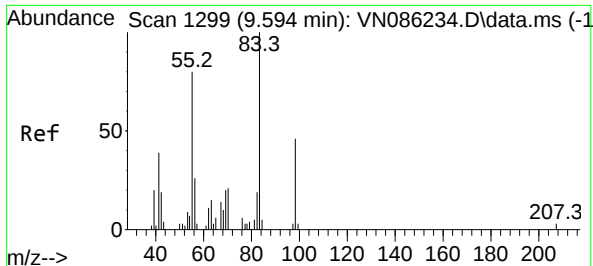
Tgt Ion: 43 Resp: 1994
Ion Ratio Lower Upper
43 100
61 10.1 11.8 17.6#
70 0.0 11.7 17.5#



#38
Carbon Tetrachloride
Concen: 1.540 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.012 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 117 Resp: 2855
Ion Ratio Lower Upper
117 100
119 50.4 77.9 116.9#
121 38.0 25.3 37.9#





#39

Methylcyclohexane

Concen: 1.564 ug/l

RT: 9.594 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

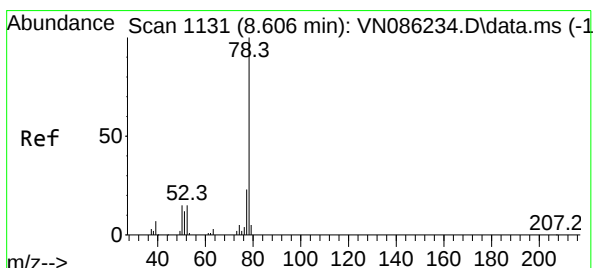
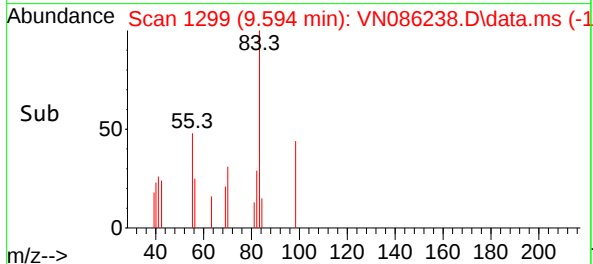
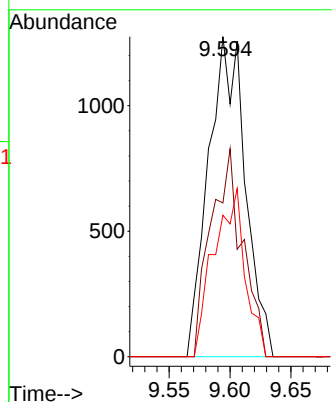
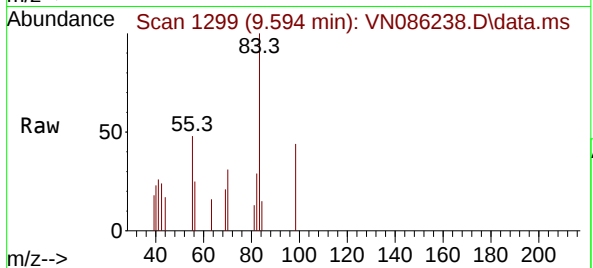
Tgt Ion: 83 Resp: 2684

Ion Ratio Lower Upper

83 100

55 48.1 63.9 95.9#

98 44.2 36.6 55.0



#40

Benzene

Concen: 1.573 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086238.D

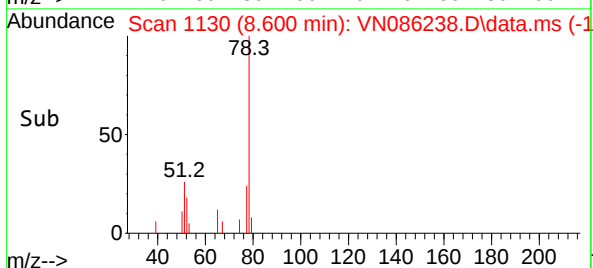
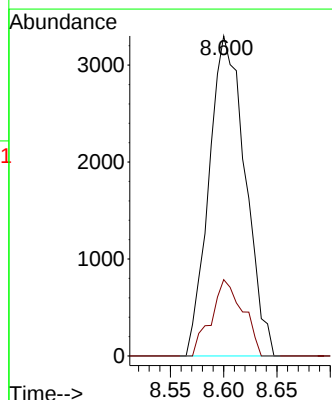
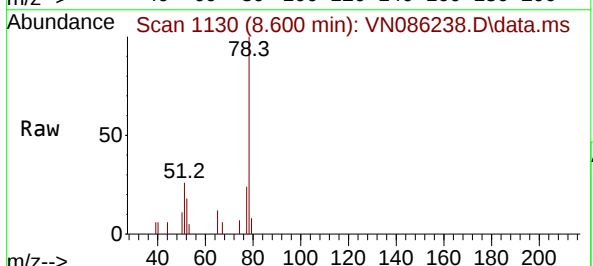
Acq: 07 Apr 2025 15:58

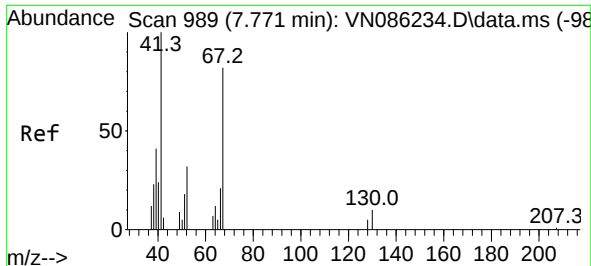
Tgt Ion: 78 Resp: 7812

Ion Ratio Lower Upper

78 100

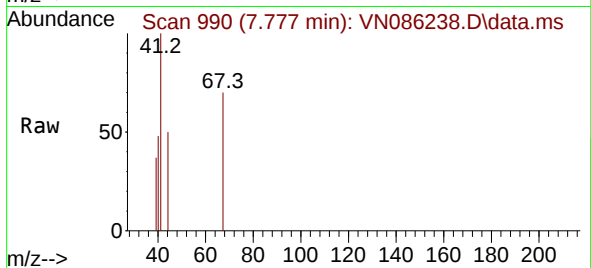
77 23.9 18.6 28.0



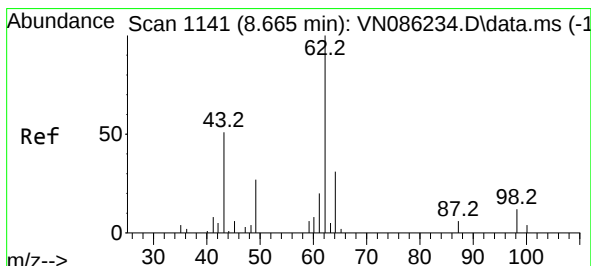
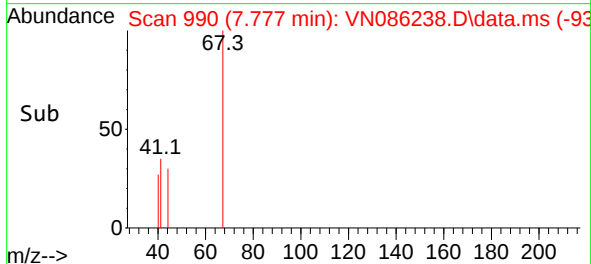
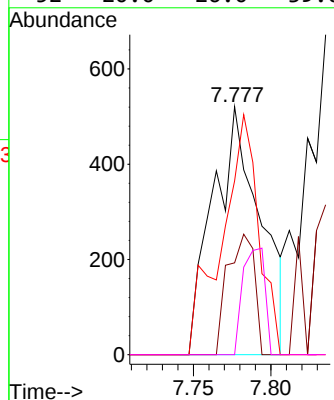


#41
Methacrylonitrile
Concen: 1.544 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

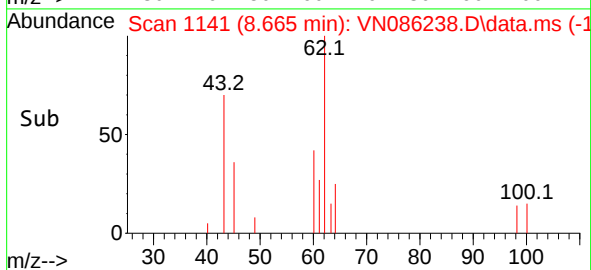
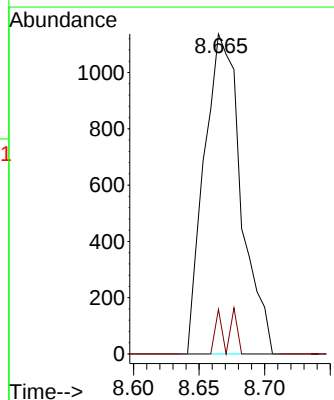
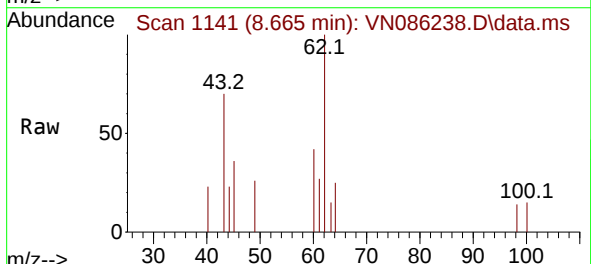


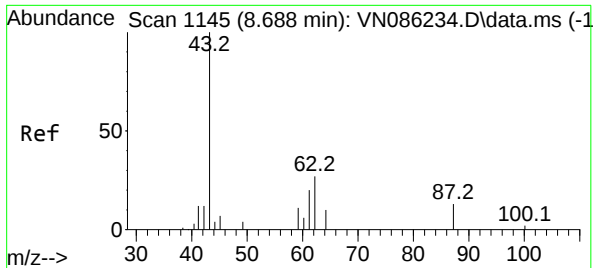
Tgt Ion:	41	Resp:	1107
Ion	Ratio	Lower	Upper
41	100		
39	27.4	39.0	58.6#
67	75.7	67.8	101.6
52	20.0	26.0	39.0#



#42
1,2-Dichloroethane
Concen: 1.350 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion:	62	Resp:	2223
Ion	Ratio	Lower	Upper
62	100		
98	5.1	0.0	17.8

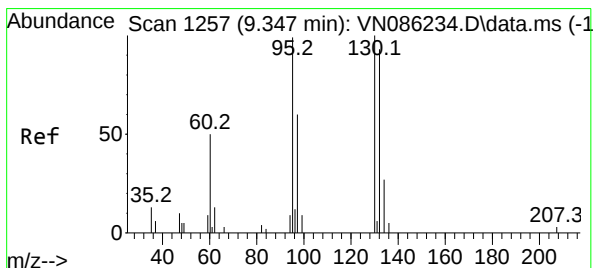
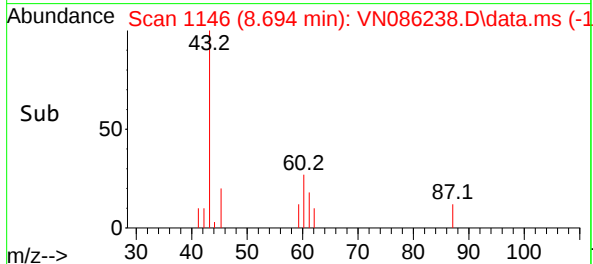
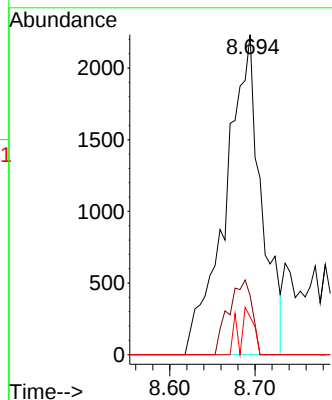
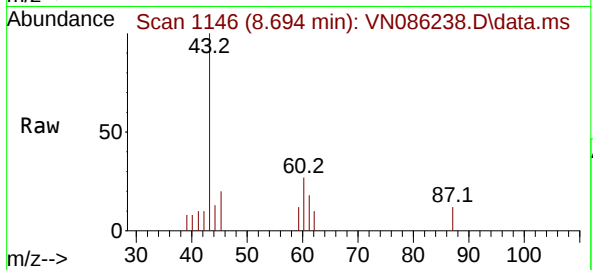




#43
Isopropyl Acetate
Concen: 2.161 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

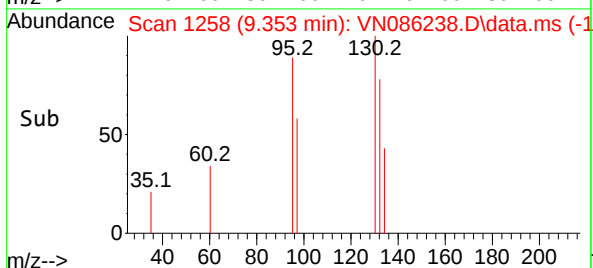
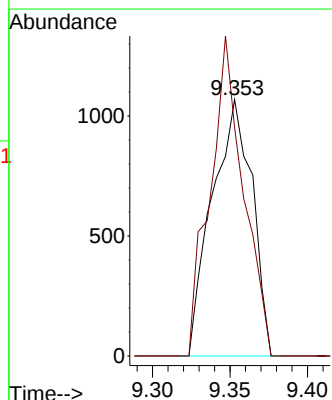
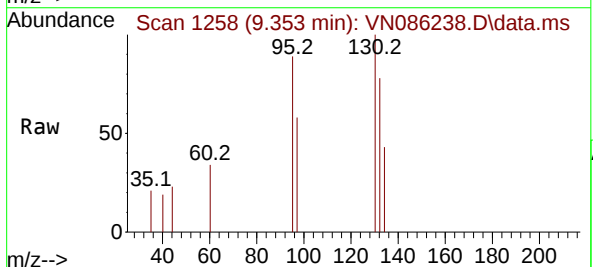
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

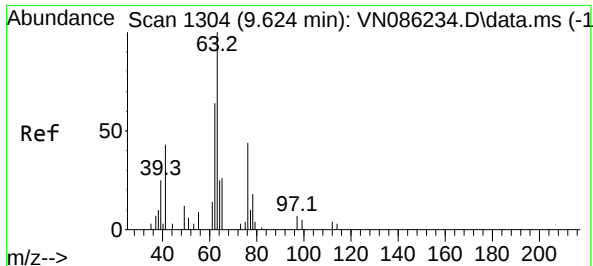
Tgt Ion: 43 Resp: 6490
Ion Ratio Lower Upper
43 100
61 15.4 21.4 32.0#
87 5.8 11.4 17.0#



#44
Trichloroethene
Concen: 1.502 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 130 Resp: 1914
Ion Ratio Lower Upper
130 100
95 89.0 0.0 198.6





#45

1,2-Dichloropropane

Concen: 1.498 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

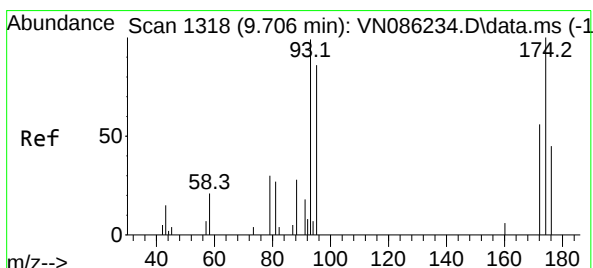
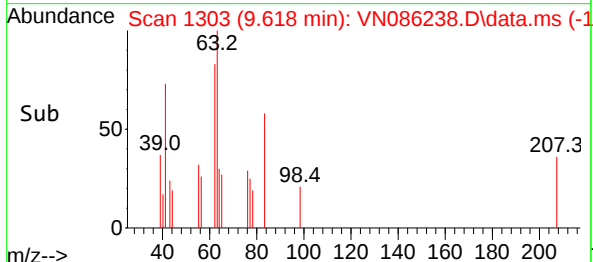
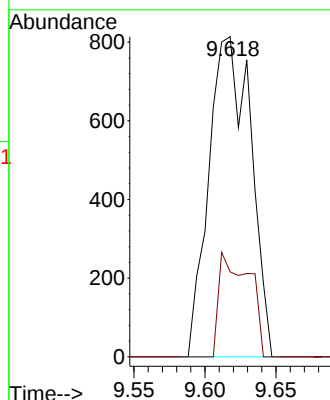
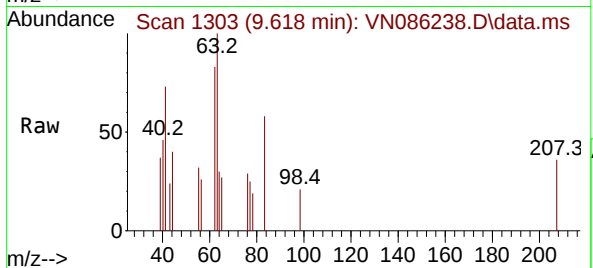
VSTDIC001

Tgt Ion: 63 Resp: 1666

Ion Ratio Lower Upper

63 100

65 26.5 20.6 31.0



#46

Dibromomethane

Concen: 1.490 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

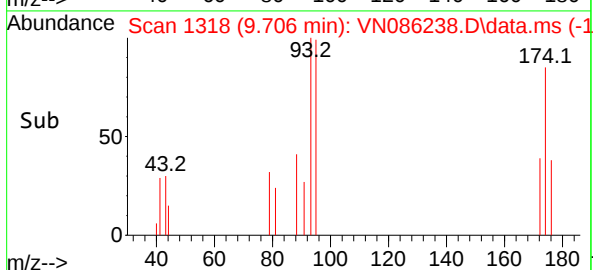
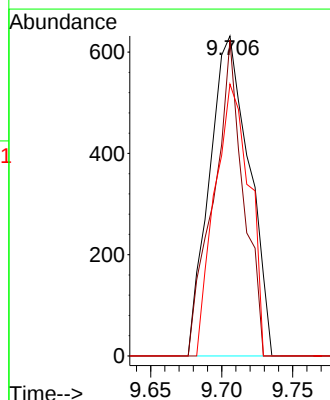
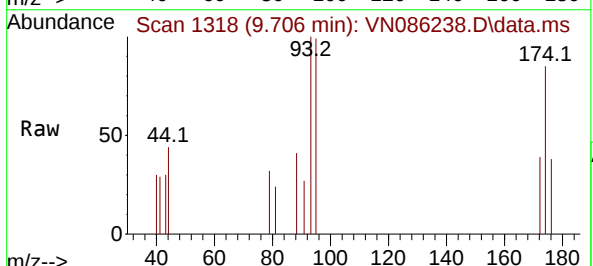
Tgt Ion: 93 Resp: 1229

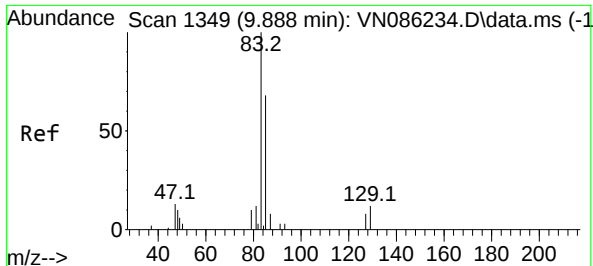
Ion Ratio Lower Upper

93 100

95 74.5 63.1 94.7

174 73.8 74.2 111.2#

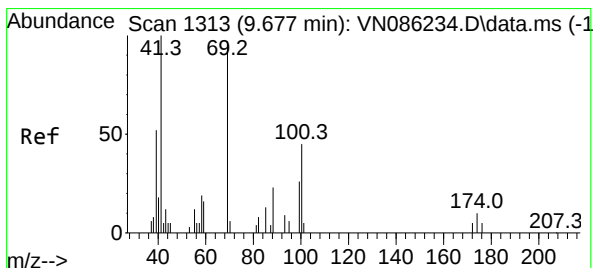
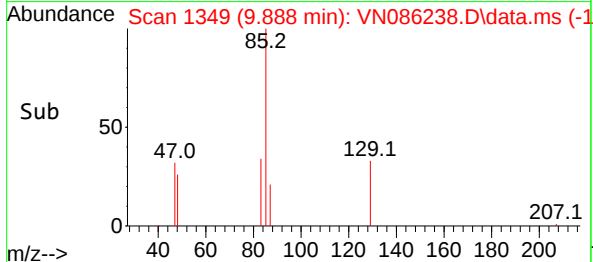
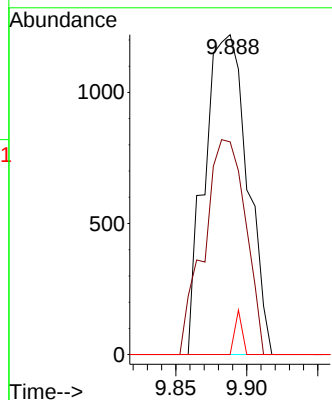
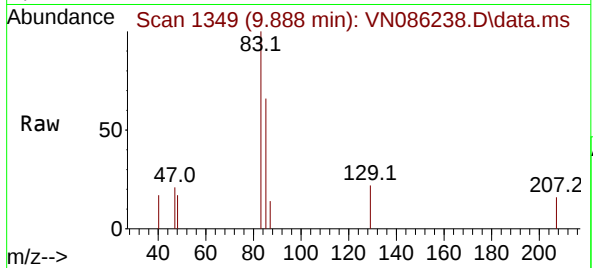




#47
Bromodichloromethane
Concen: 1.471 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

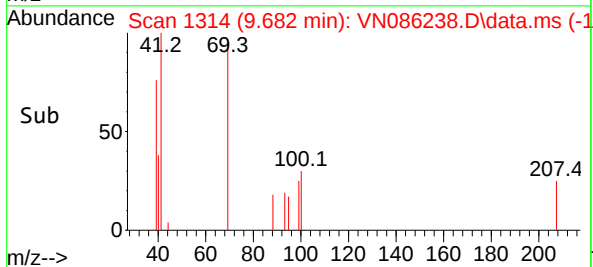
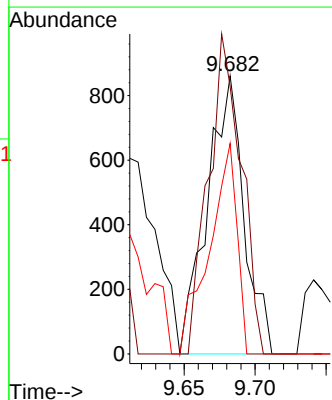
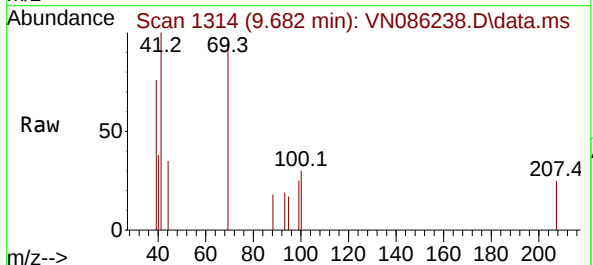
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

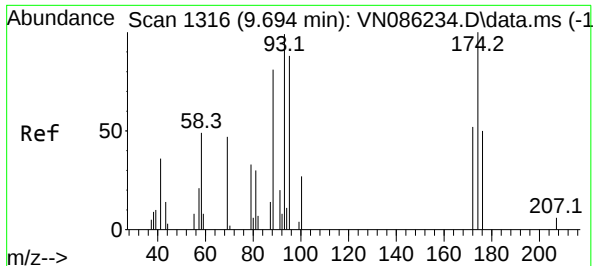
Tgt Ion: 83 Resp: 2556
Ion Ratio Lower Upper
83 100
85 66.5 54.0 81.0
127 0.0 6.4 9.6#



#48
Methyl methacrylate
Concen: 1.634 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 41 Resp: 1544
Ion Ratio Lower Upper
41 100
69 103.0 80.0 120.0
39 57.3 44.7 67.1





#49

1,4-Dioxane

Concen: 26.409 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

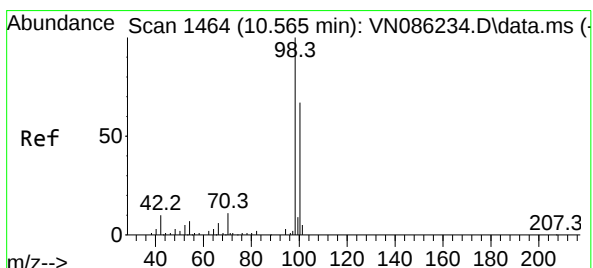
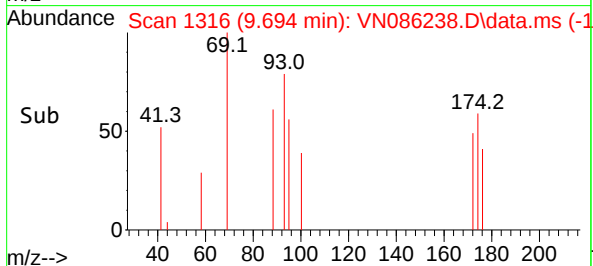
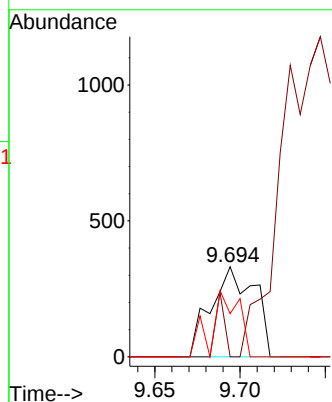
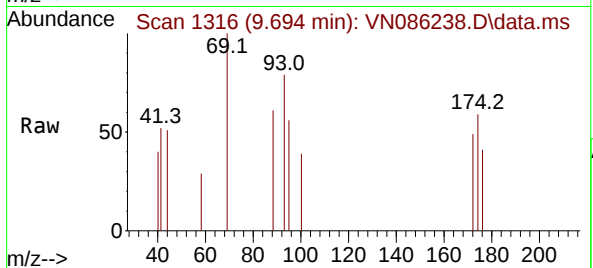
Tgt Ion: 88 Resp: 588

Ion Ratio Lower Upper

88 100

43 14.1 16.8 25.2#

58 45.9 52.2 78.2#



#50

Toluene-d8

Concen: 1.133 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086238.D

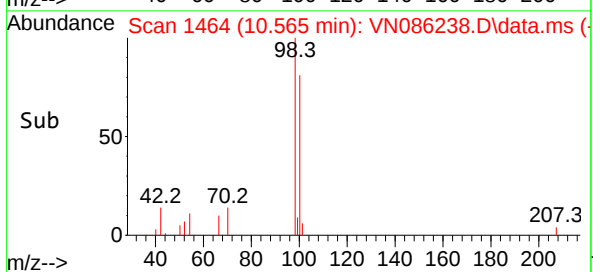
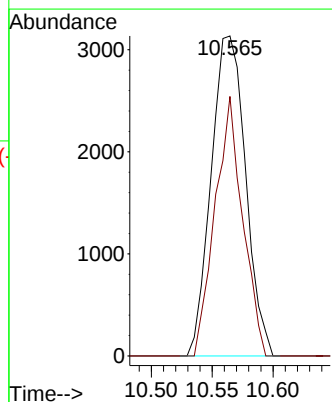
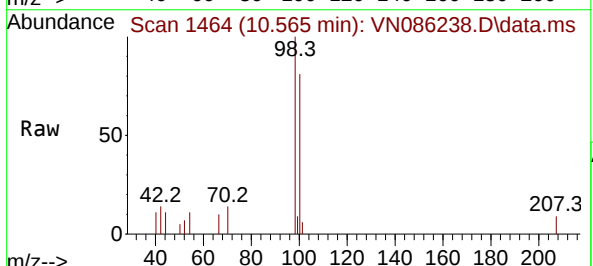
Acq: 07 Apr 2025 15:58

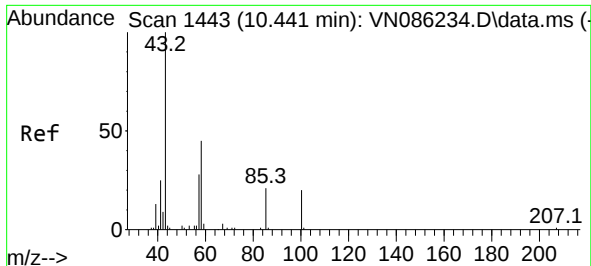
Tgt Ion: 98 Resp: 6172

Ion Ratio Lower Upper

98 100

100 65.0 53.0 79.6

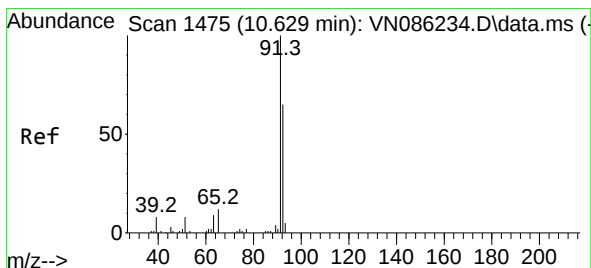
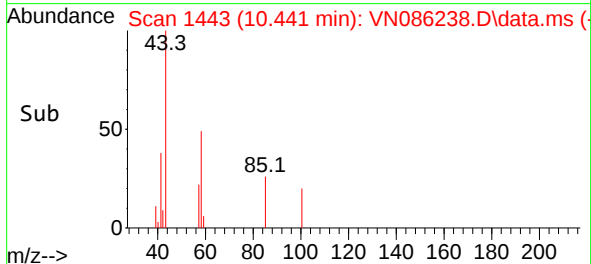
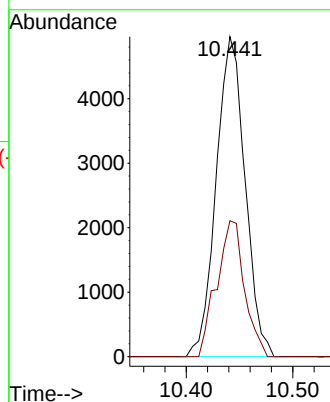
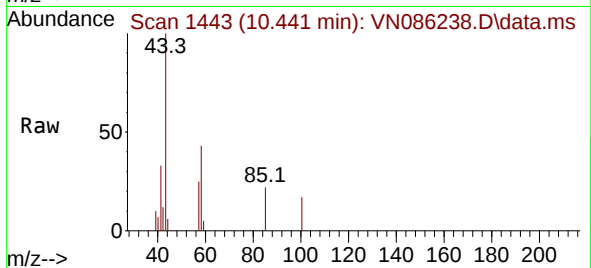




#51
4-Methyl-2-Pentanone
Concen: 7.481 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

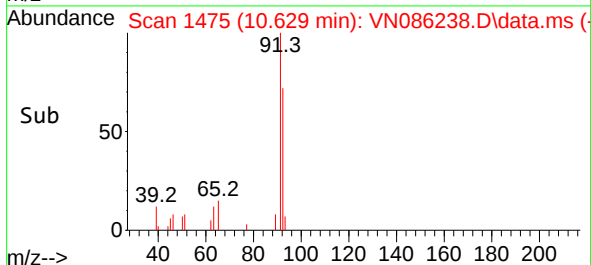
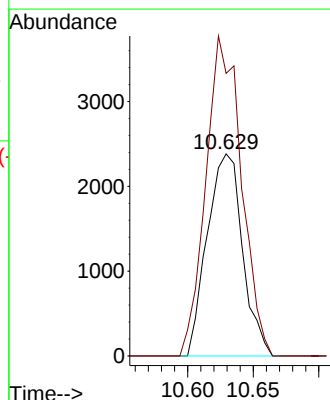
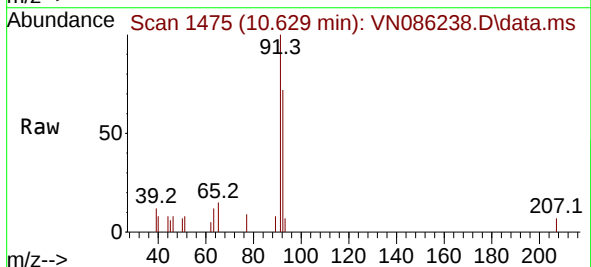
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

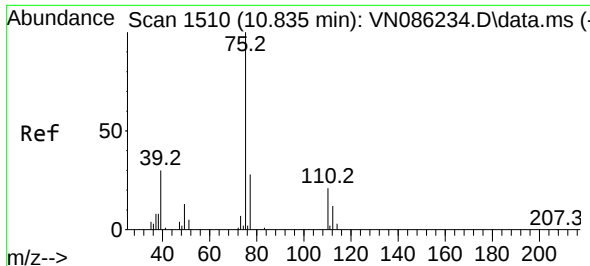
Tgt Ion: 43 Resp: 9333
Ion Ratio Lower Upper
43 100
58 40.9 36.2 54.4



#52
Toluene
Concen: 1.501 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 92 Resp: 4460
Ion Ratio Lower Upper
92 100
91 159.6 134.9 202.3

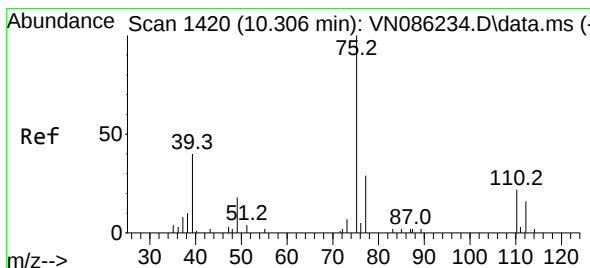
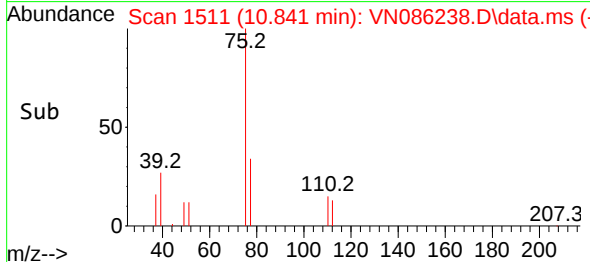
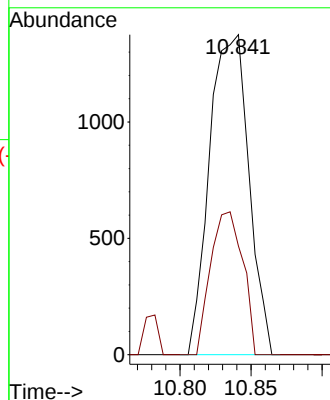
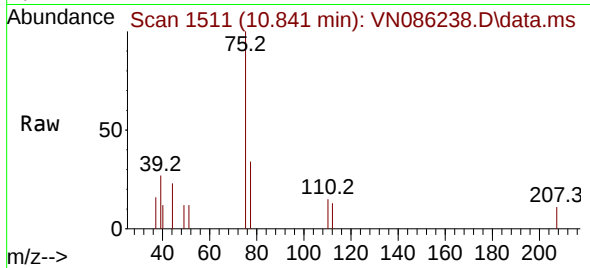




#53
t-1,3-Dichloropropene
Concen: 1.471 ug/l
RT: 10.841 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

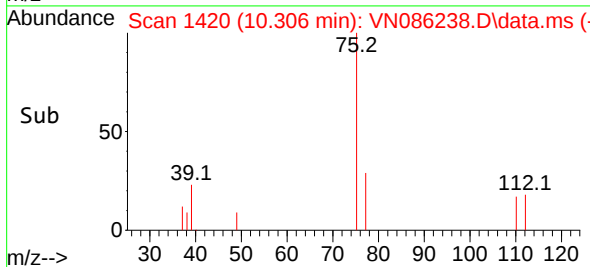
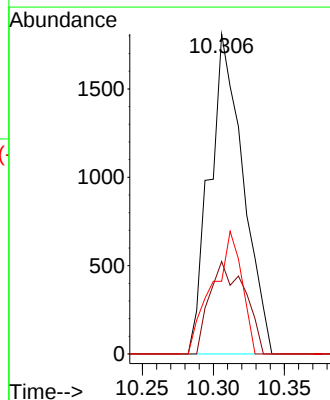
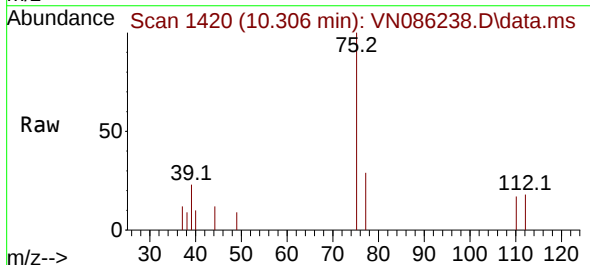
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

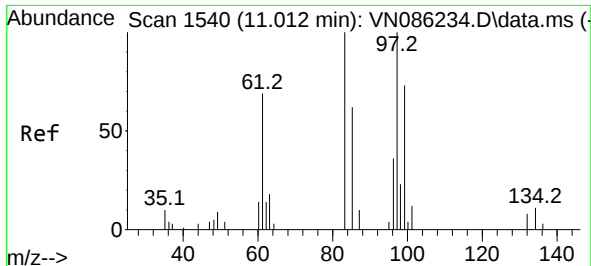
Tgt Ion: 75 Resp: 2647
Ion Ratio Lower Upper
75 100
77 34.0 22.2 33.2#



#54
cis-1,3-Dichloropropene
Concen: 1.532 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 75 Resp: 2972
Ion Ratio Lower Upper
75 100
77 28.9 22.9 34.3
39 22.7 31.7 47.5#

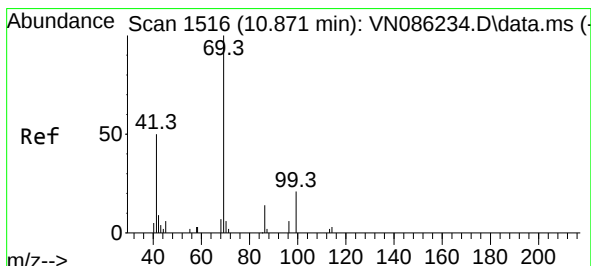
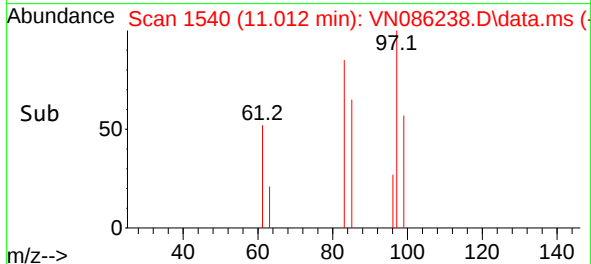
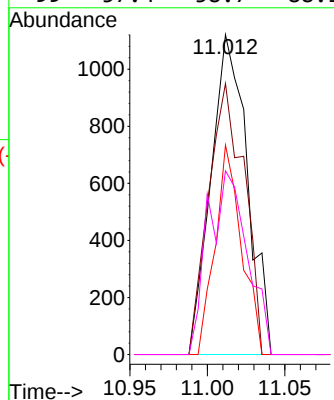
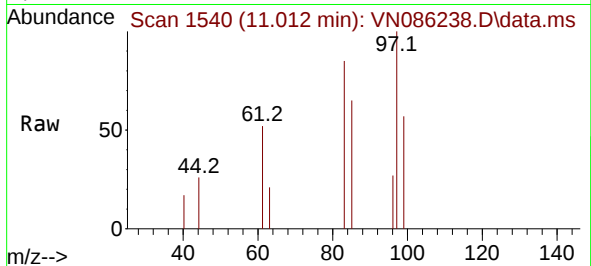




#55
1,1,2-Trichloroethane
Concen: 1.574 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

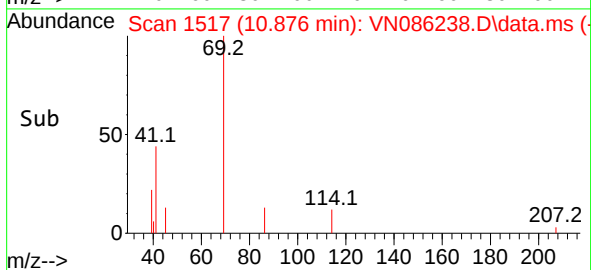
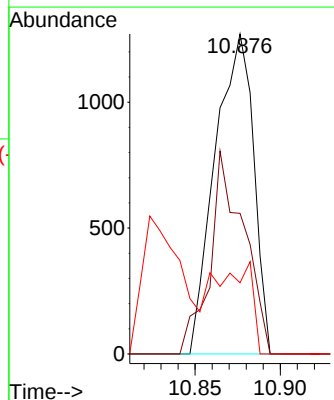
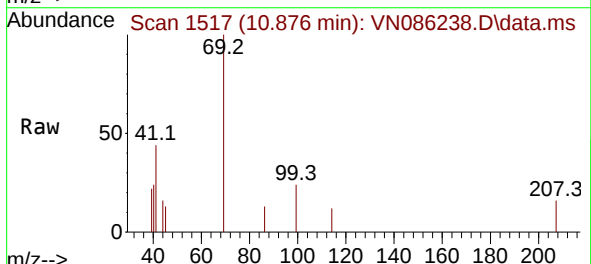
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

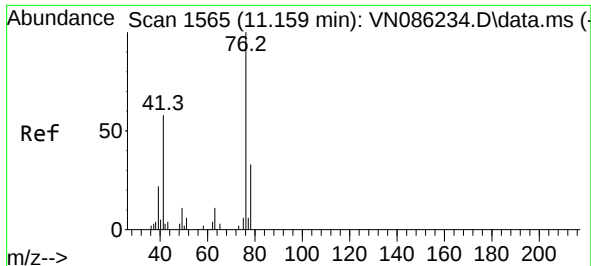
Tgt Ion: 97	Resp: 1827
Ion Ratio	Lower Upper
97 100	
83 84.7	80.2 120.4
85 65.5	49.7 74.5
99 57.4	58.7 88.1#



#56
Ethyl methacrylate
Concen: 1.363 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 69	Resp: 1991
Ion Ratio	Lower Upper
69 100	
41 56.0	43.9 65.9
39 27.7	22.0 33.0





#57

1,3-Dichloropropane

Concen: 1.454 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

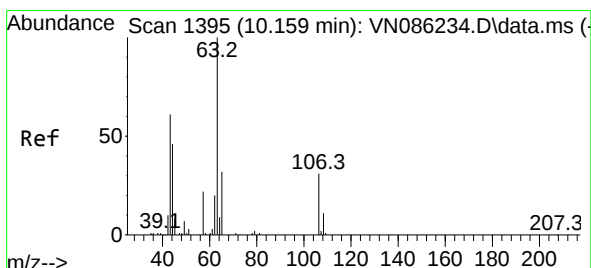
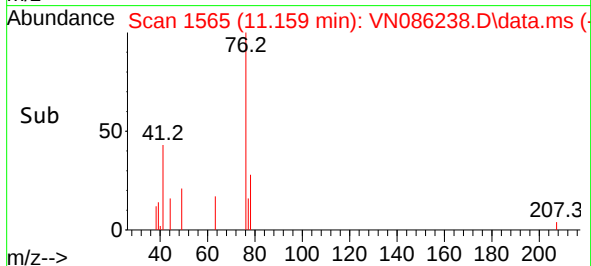
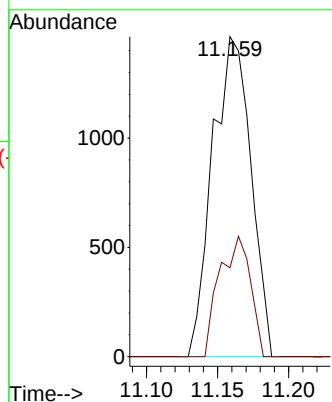
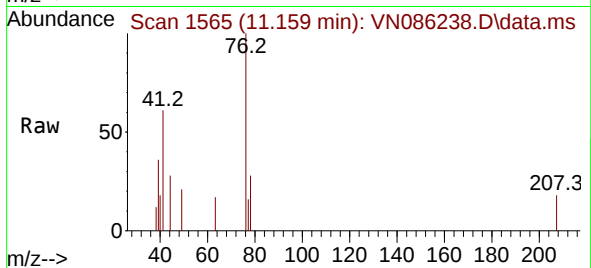
VSTDIC001

Tgt Ion: 76 Resp: 2752

Ion Ratio Lower Upper

76 100

78 30.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 7.084 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086238.D

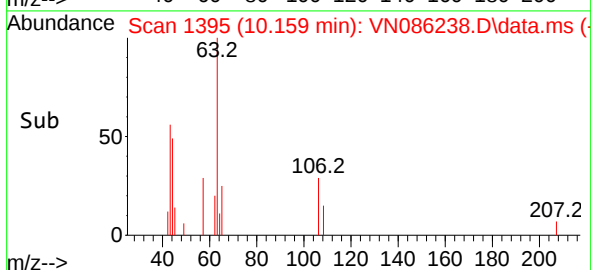
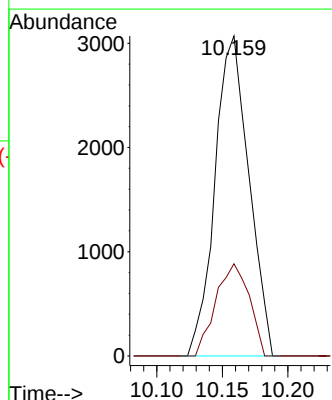
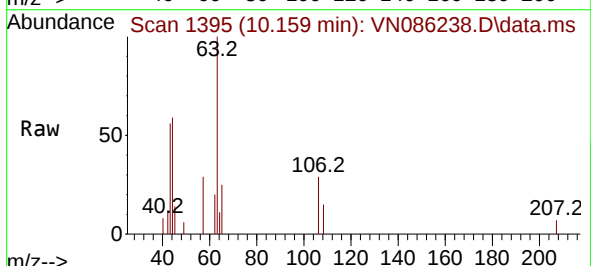
Acq: 07 Apr 2025 15:58

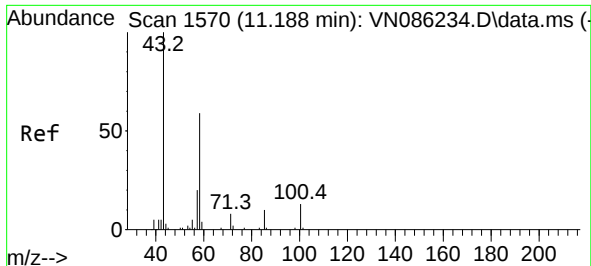
Tgt Ion: 63 Resp: 5524

Ion Ratio Lower Upper

63 100

106 28.4 24.1 36.1

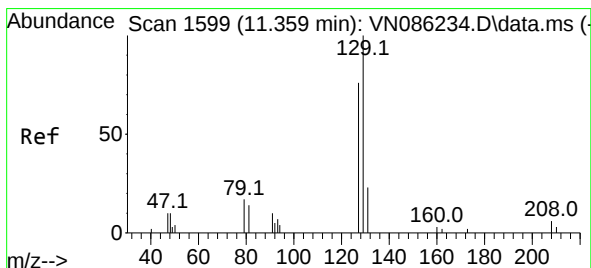
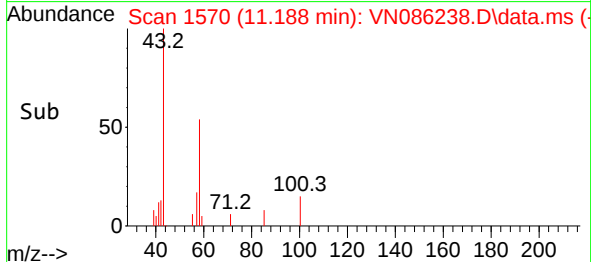
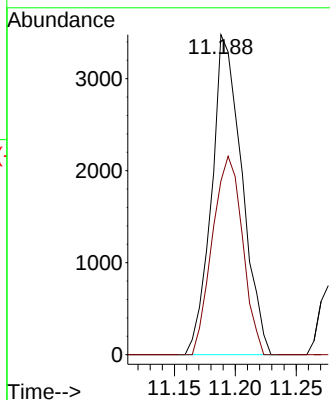
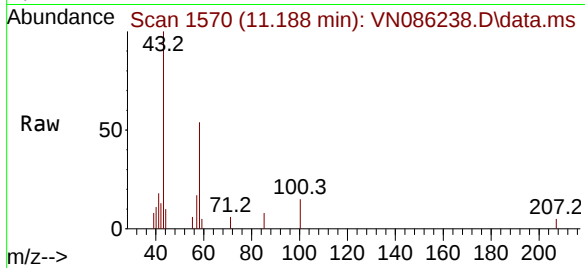




#59
2-Hexanone
Concen: 6.881 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

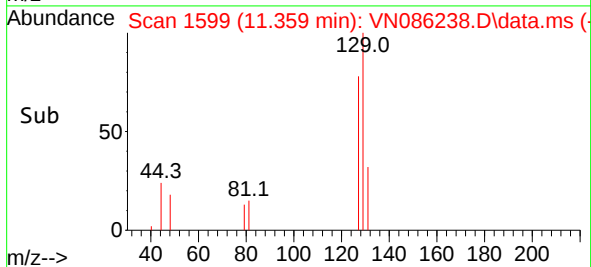
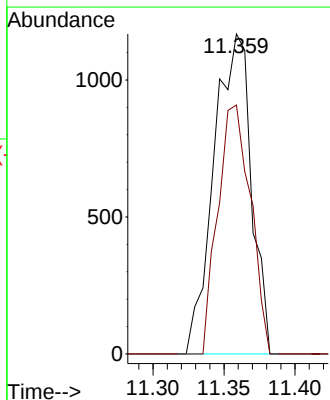
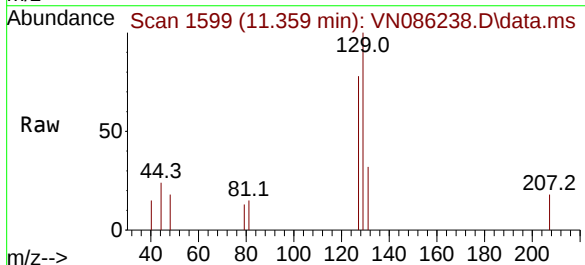
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

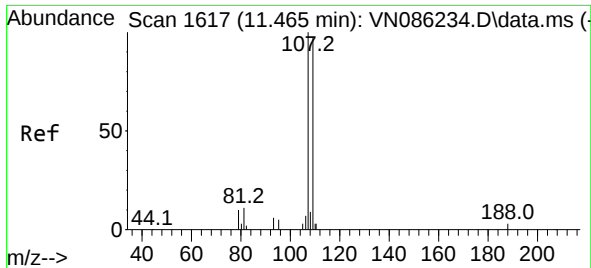
Tgt Ion: 43 Resp: 6027
Ion Ratio Lower Upper
43 100
58 61.8 32.2 96.6



#60
Dibromochloromethane
Concen: 1.567 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 129 Resp: 2134
Ion Ratio Lower Upper
129 100
127 68.2 39.8 119.3

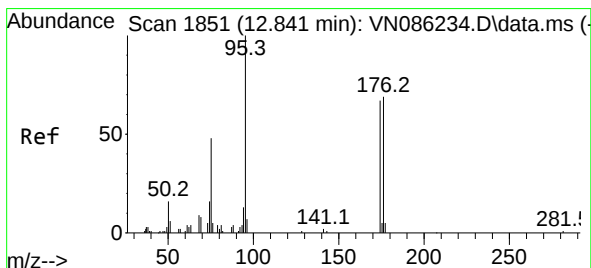
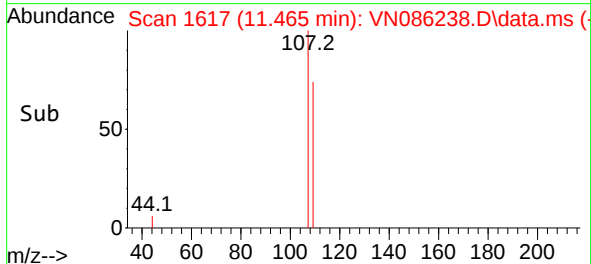
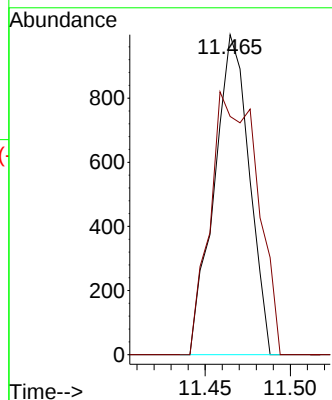
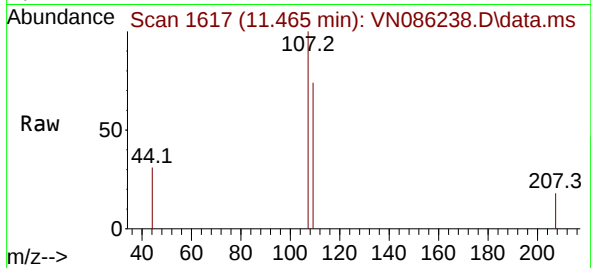




#61
1,2-Dibromoethane
Concen: 1.324 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

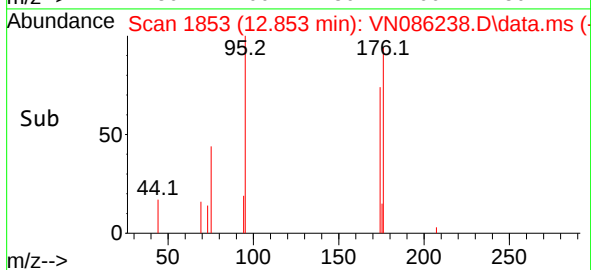
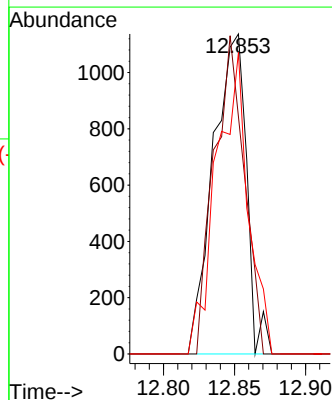
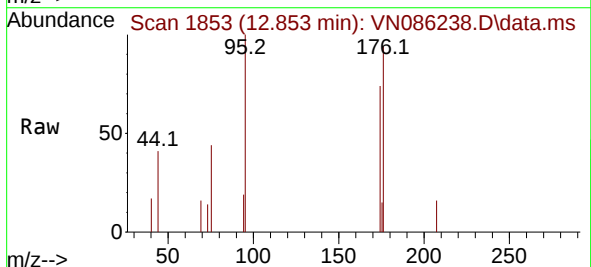
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

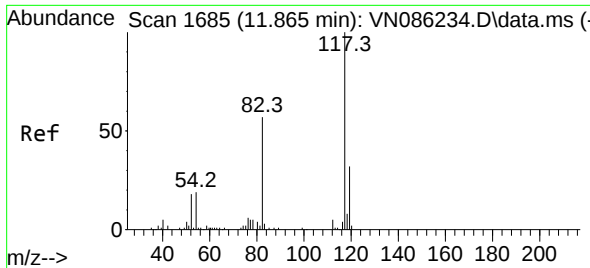
Tgt Ion:107 Resp: 1428
Ion Ratio Lower Upper
107 100
109 109.7 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 0.959 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.012 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 95 Resp: 1846
Ion Ratio Lower Upper
95 100
174 90.4 0.0 150.0
176 90.5 0.0 145.0

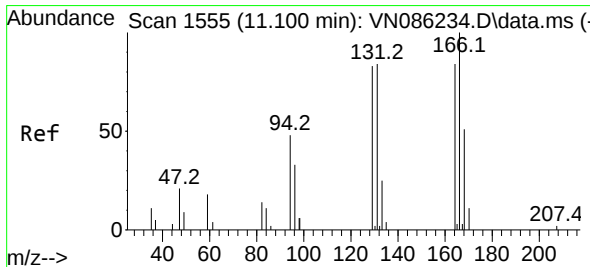
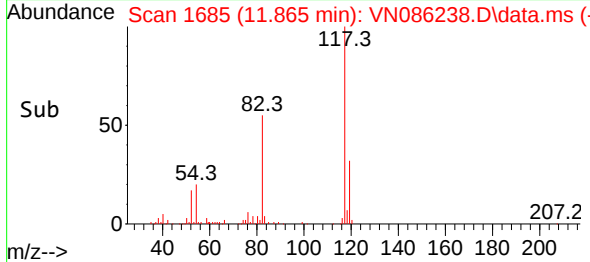
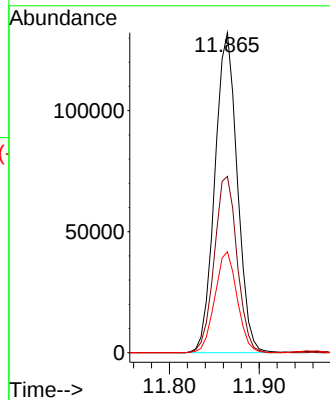
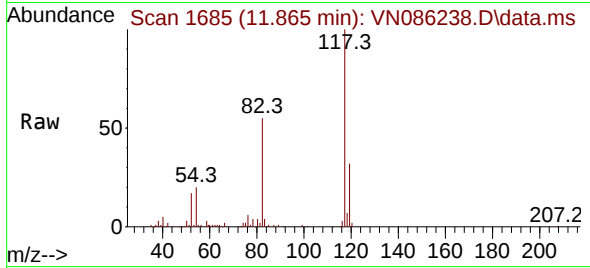




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

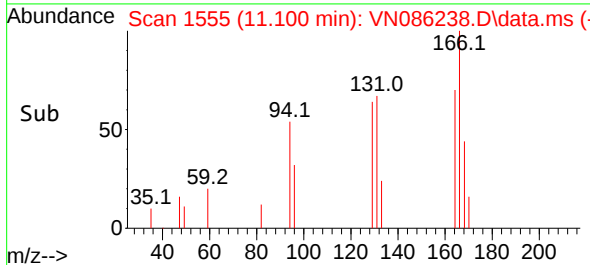
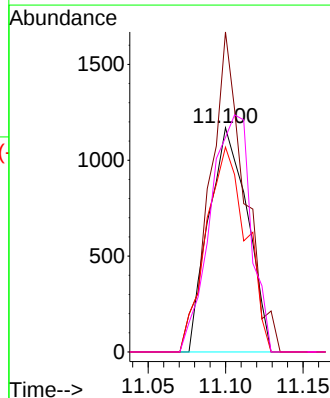
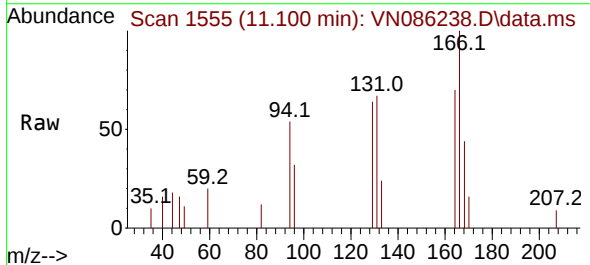
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

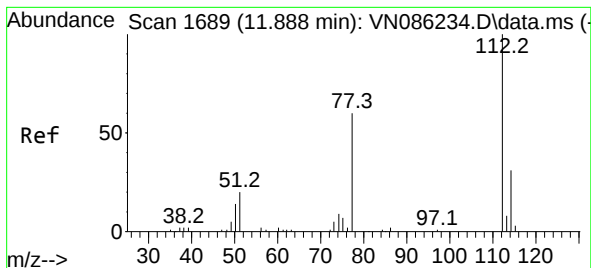
Tgt Ion:	117	Resp:	229821
Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.6	68.4
119	31.6	25.9	38.9



#64
Tetrachloroethene
Concen: 1.502 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion:	164	Resp:	2035
Ion	Ratio	Lower	Upper
164	100		
166	142.8	95.7	143.5
129	91.4	79.4	119.0
131	95.7	80.4	120.6

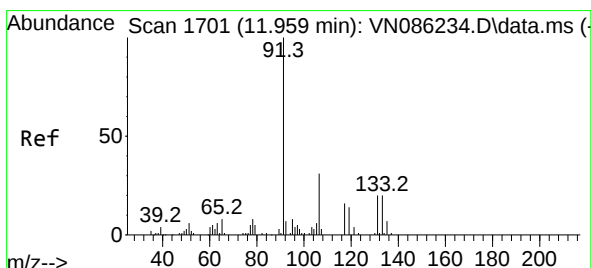
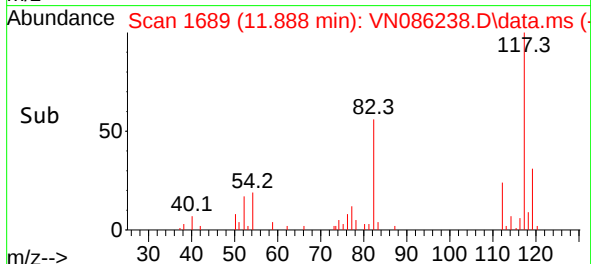
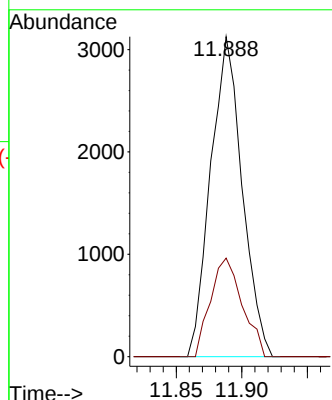
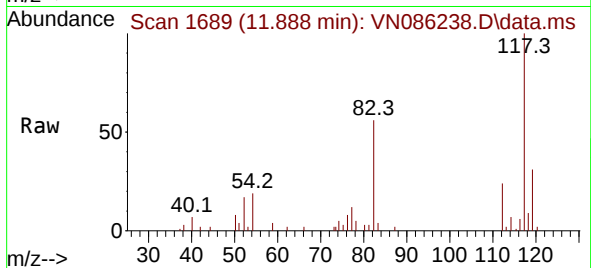




#65
Chlorobenzene
Concen: 1.553 ug/l
RT: 11.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

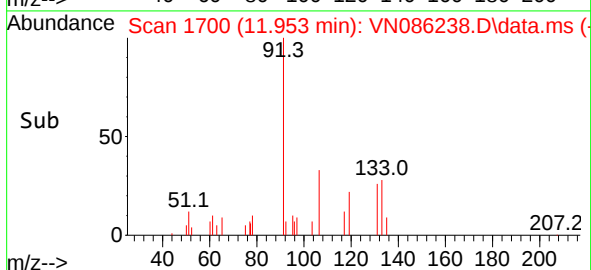
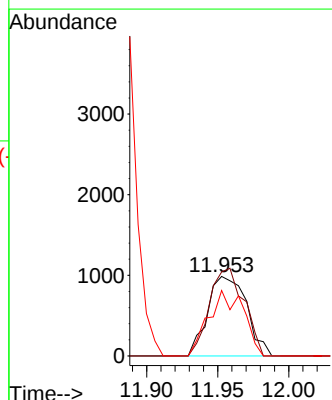
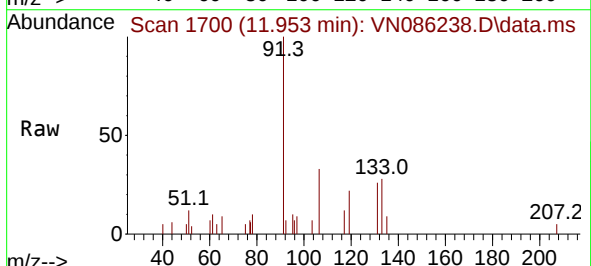
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

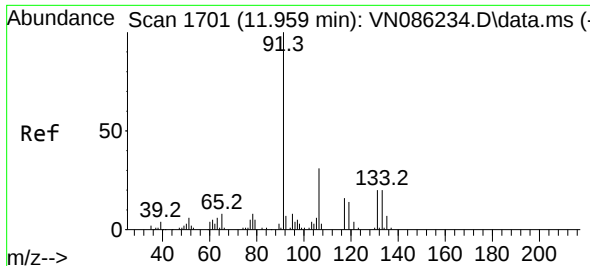
Tgt Ion:112 Resp: 5214
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 1.575 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion:131 Resp: 1883
Ion Ratio Lower Upper
131 100
133 98.4 49.0 147.0
119 0.0 32.5 97.5#





#67

Ethyl Benzene

Concen: 1.512 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

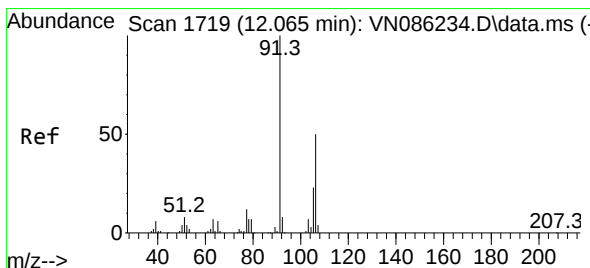
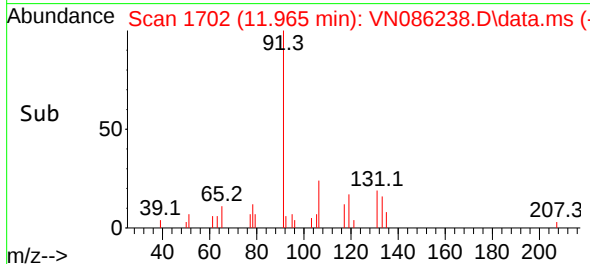
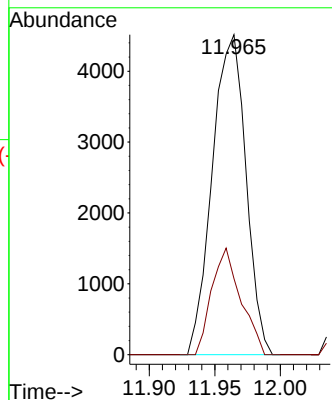
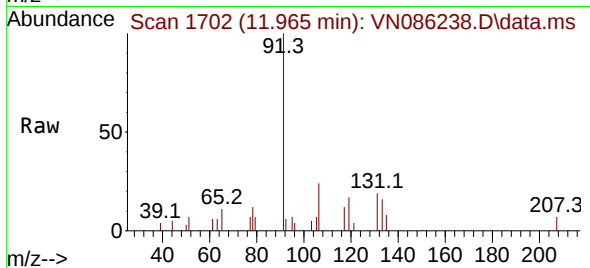
VSTDIC001

Tgt Ion: 91 Resp: 8048

Ion Ratio Lower Upper

91 100

106 23.8 25.1 37.7#



#68

m/p-Xylenes

Concen: 2.922 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN086238.D

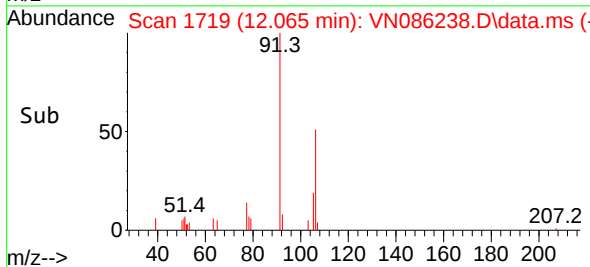
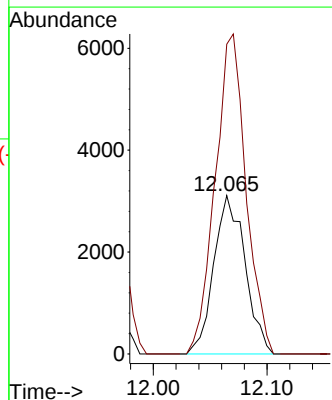
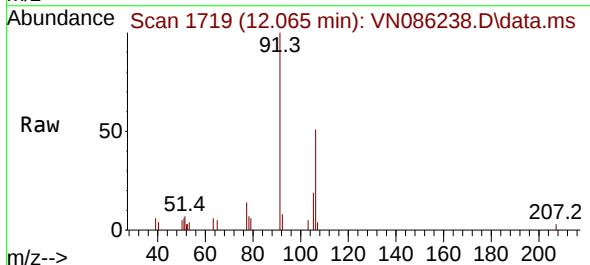
Acq: 07 Apr 2025 15:58

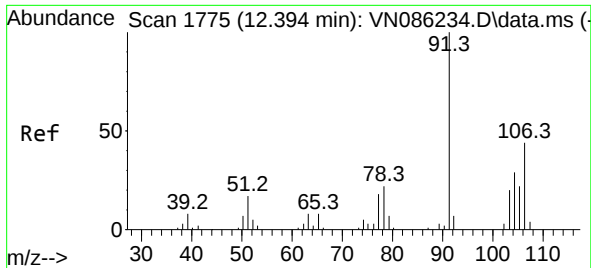
Tgt Ion:106 Resp: 5946

Ion Ratio Lower Upper

106 100

91 199.6 156.7 235.1

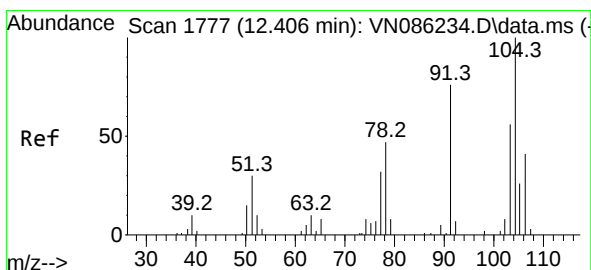
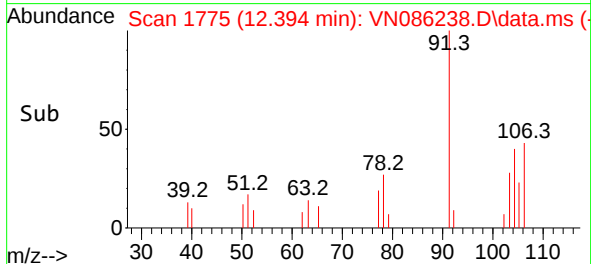
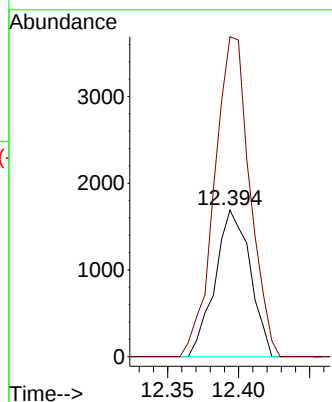
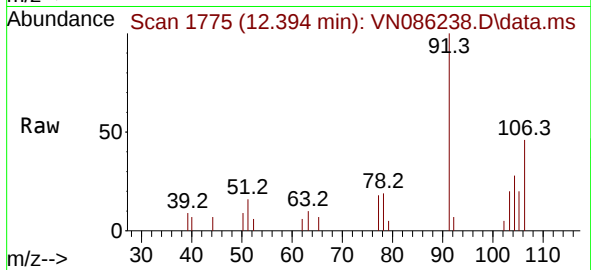




#69
o-Xylene
Concen: 1.445 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

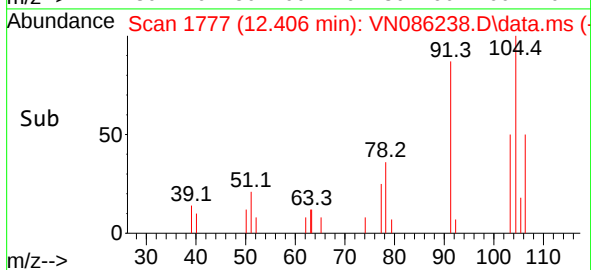
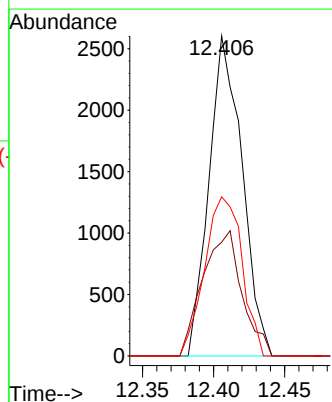
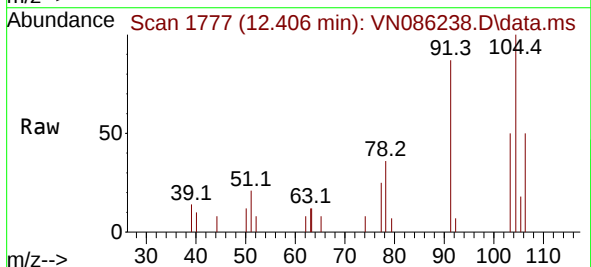
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

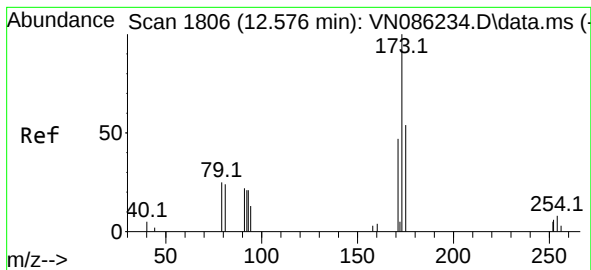
Tgt Ion:106 Resp: 2907
Ion Ratio Lower Upper
106 100
91 219.8 109.0 327.0



#70
Styrene
Concen: 1.381 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion:104 Resp: 4220
Ion Ratio Lower Upper
104 100
78 46.3 43.0 64.4
103 56.1 44.3 66.5





#71

Bromoform

Concen: 1.540 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

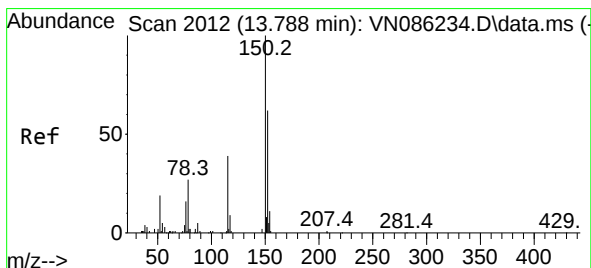
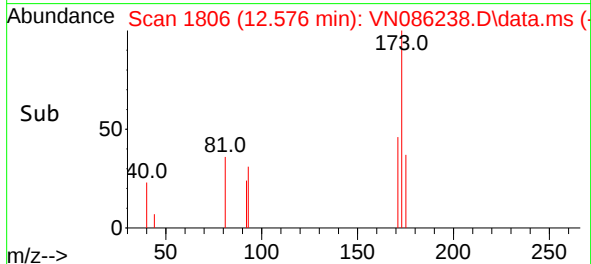
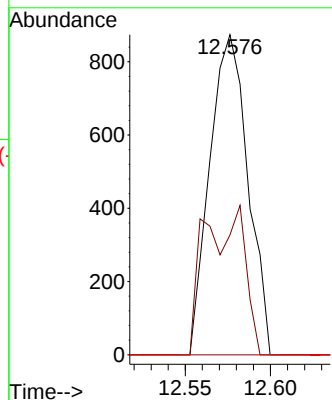
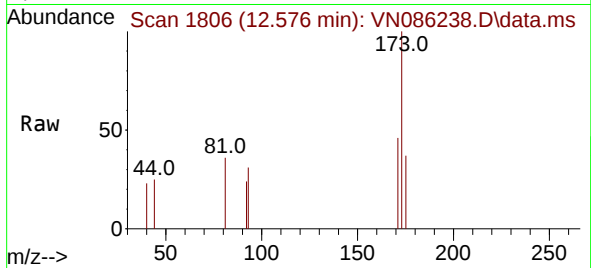
Tgt Ion:173 Resp: 1361

Ion Ratio Lower Upper

173 100

175 25.8 24.8 74.3

254 0.0 6.3 9.5#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

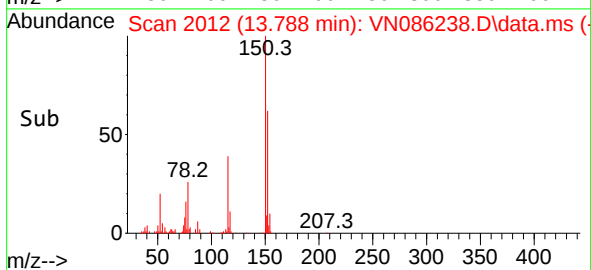
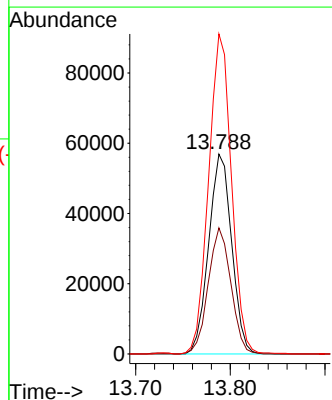
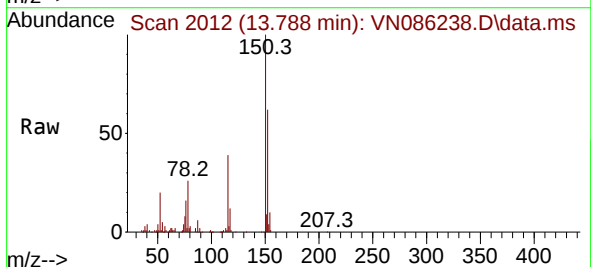
Tgt Ion:152 Resp: 96400

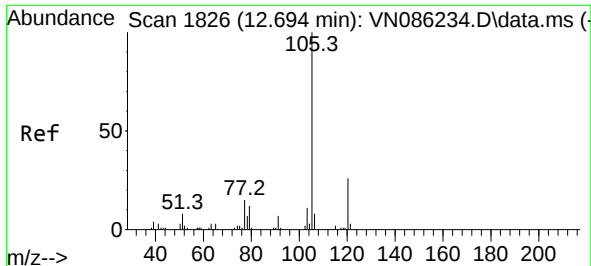
Ion Ratio Lower Upper

152 100

115 62.0 31.2 93.6

150 158.8 0.0 333.2

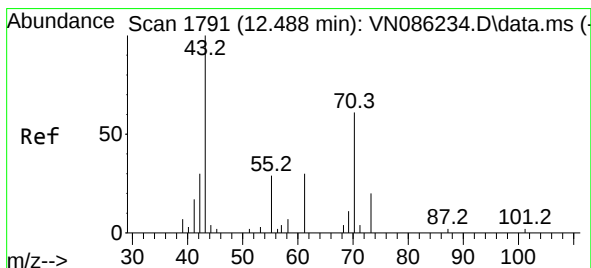
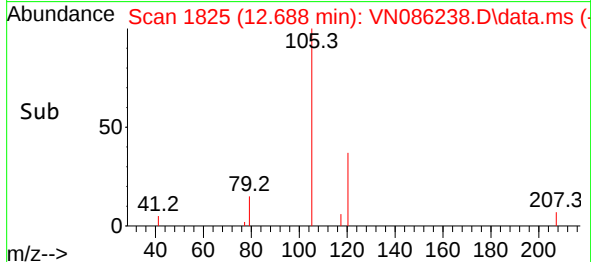
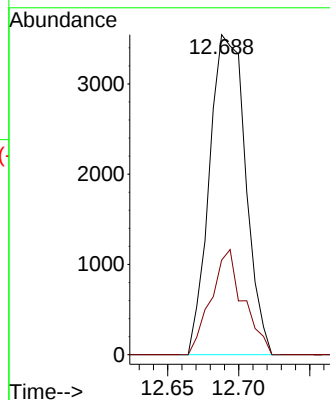
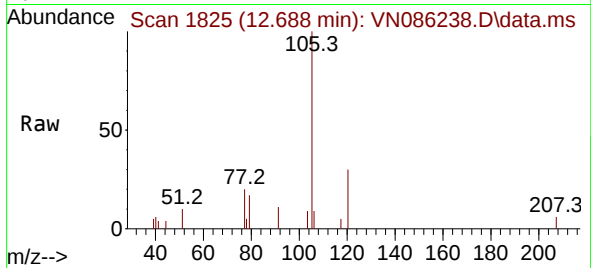




#73
Isopropylbenzene
Concen: 1.418 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

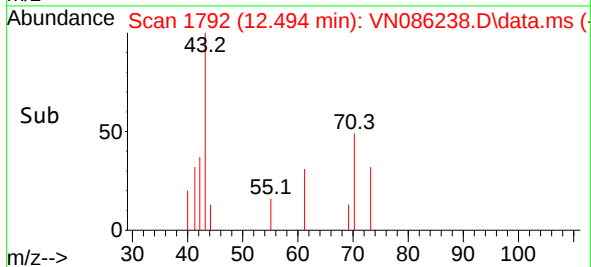
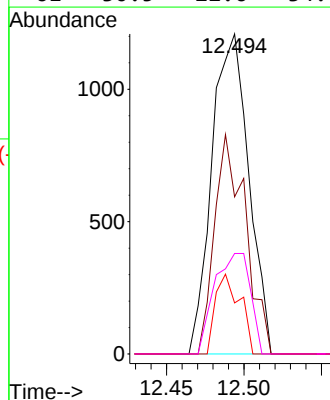
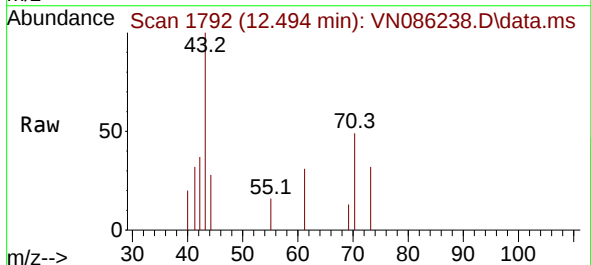
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

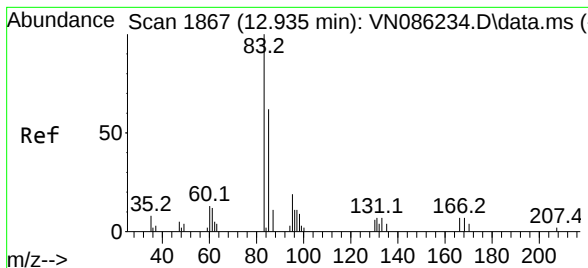
Tgt Ion:105 Resp: 6258
Ion Ratio Lower Upper
105 100
120 29.5 12.7 38.0



#74
N-ethyl acetate
Concen: 1.492 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 43 Resp: 1998
Ion Ratio Lower Upper
43 100
70 57.6 43.5 65.3
55 16.7 24.8 37.2#
61 30.5 22.6 34.0

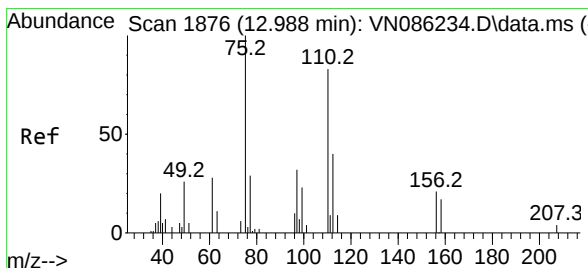
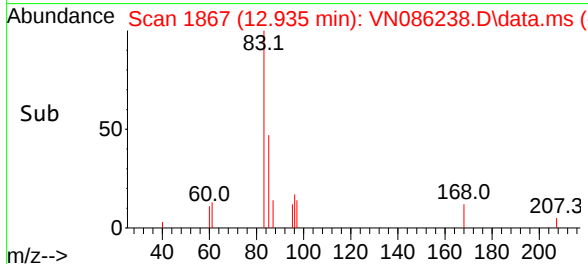
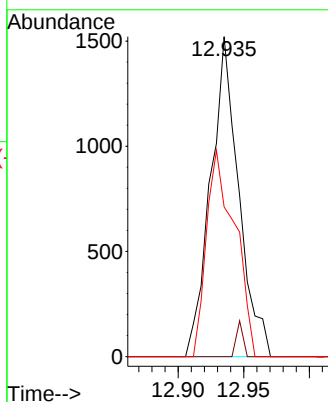
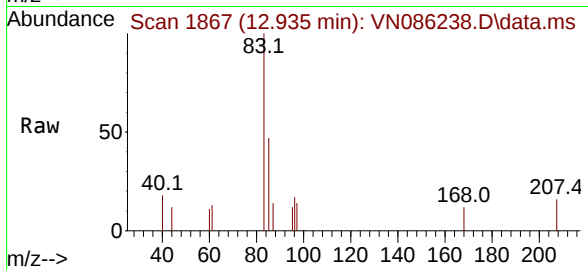




#75
1,1,2,2-Tetrachloroethane
Concen: 1.709 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

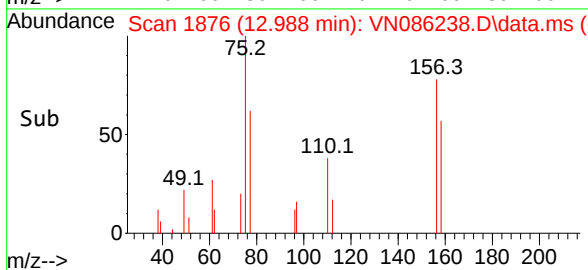
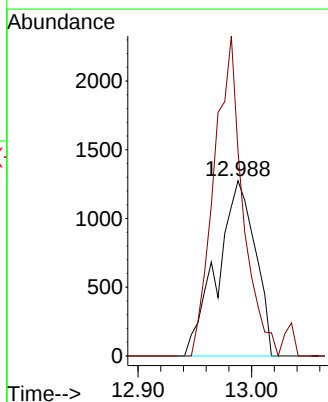
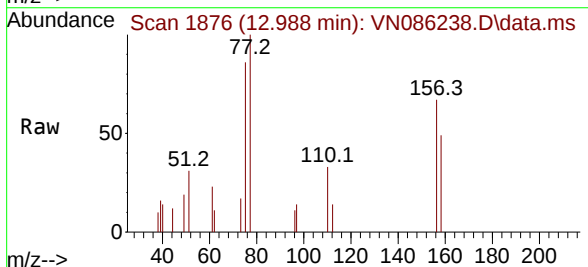
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

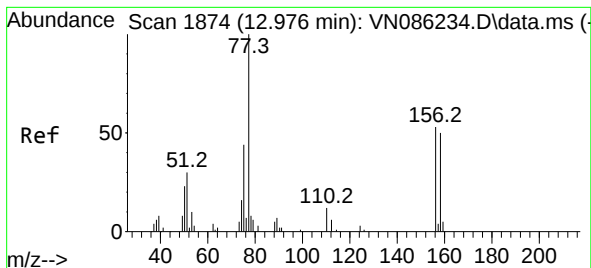
Tgt Ion: 83 Resp: 2273
Ion Ratio Lower Upper
83 100
131 2.6 5.3 15.8#
85 64.8 29.6 88.9



#76
1,2,3-Trichloropropane
Concen: 1.987 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 75 Resp: 2963
Ion Ratio Lower Upper
75 100
77 137.8 85.4 256.1





#77

Bromobenzene

Concen: 1.573 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

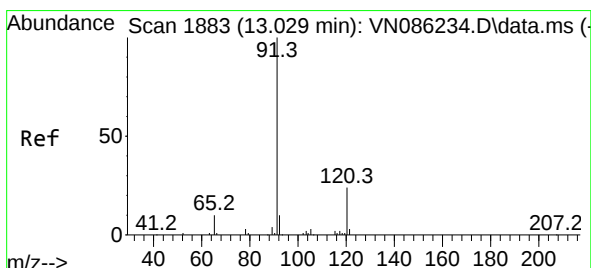
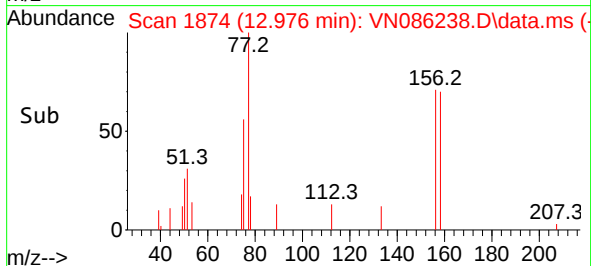
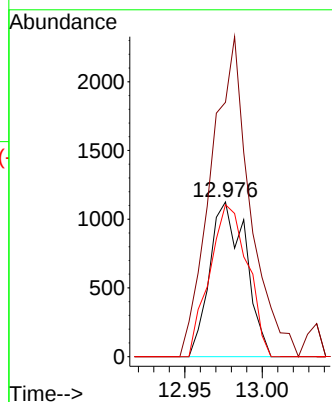
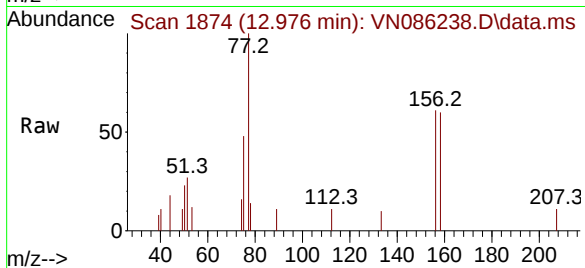
Tgt Ion:156 Resp: 1825

Ion Ratio Lower Upper

156 100

77 223.7 108.3 325.0

158 103.2 49.1 147.4



#78

n-propylbenzene

Concen: 1.444 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.006 min

Lab File: VN086238.D

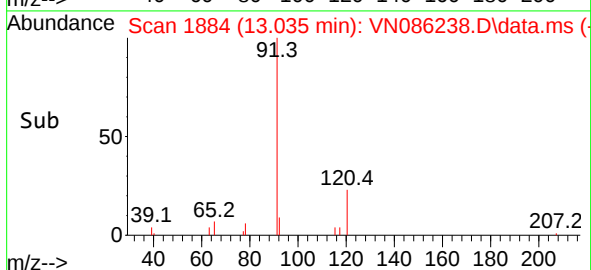
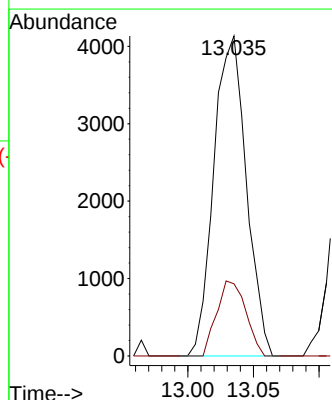
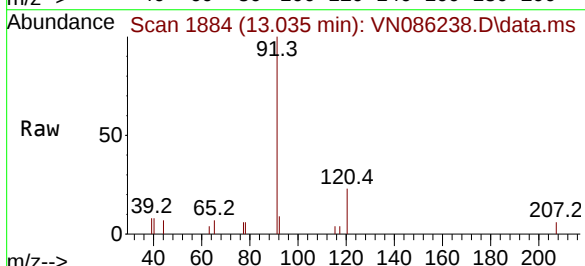
Acq: 07 Apr 2025 15:58

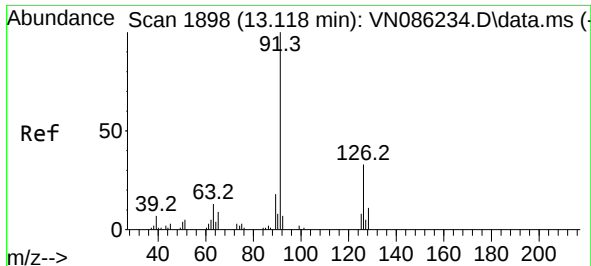
Tgt Ion: 91 Resp: 7127

Ion Ratio Lower Upper

91 100

120 20.9 11.2 33.5

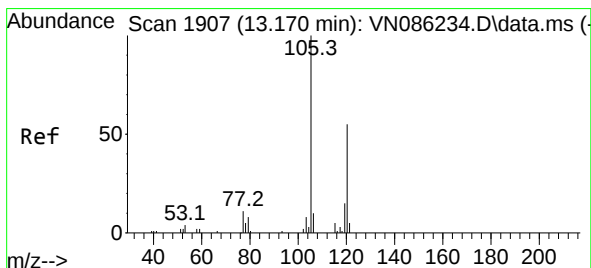
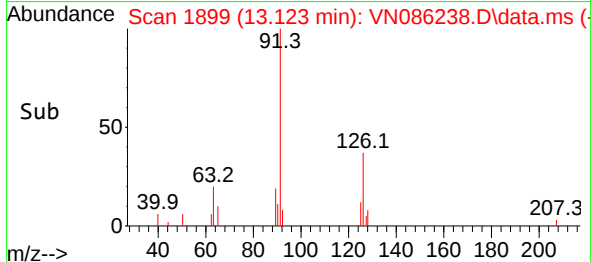
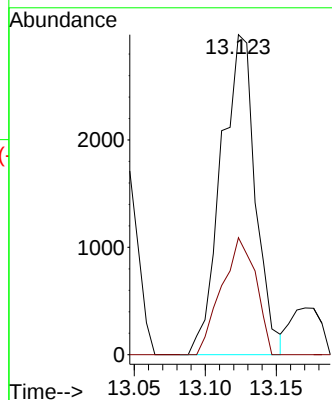
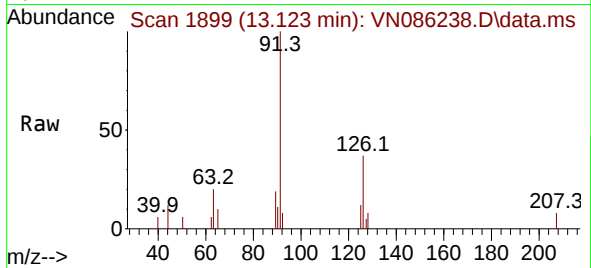




#79
2-Chlorotoluene
Concen: 1.465 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

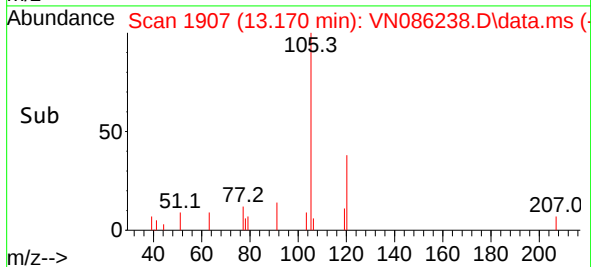
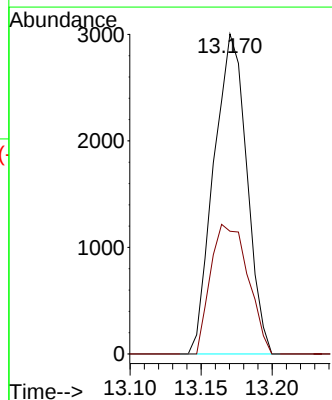
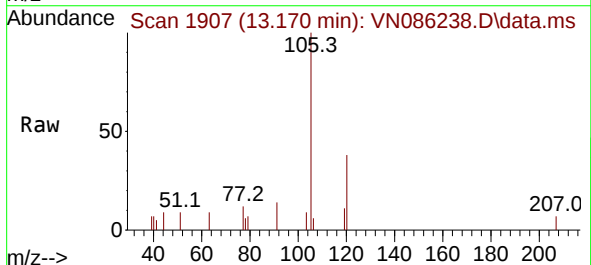
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

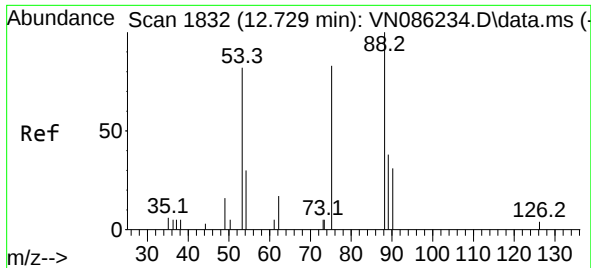
Tgt Ion: 91 Resp: 5028
Ion Ratio Lower Upper
91 100
126 36.4 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 1.342 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 105 Resp: 4846
Ion Ratio Lower Upper
105 100
120 46.0 24.6 74.0

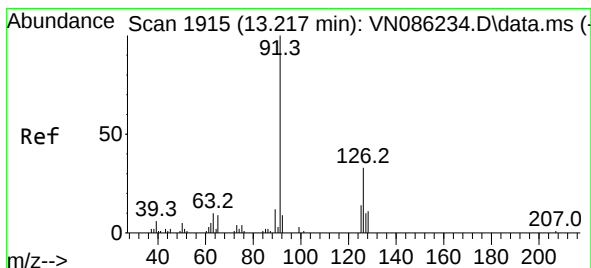
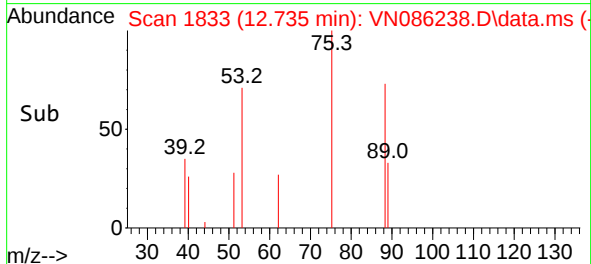
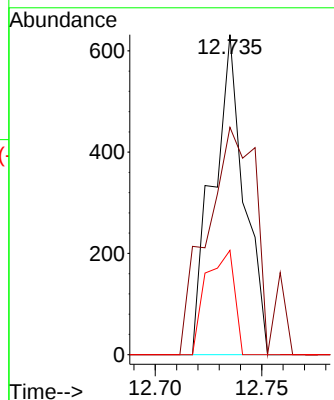
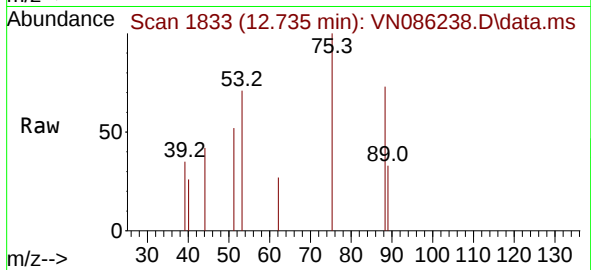




#81
trans-1,4-Dichloro-2-butene
Concen: 1.466 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

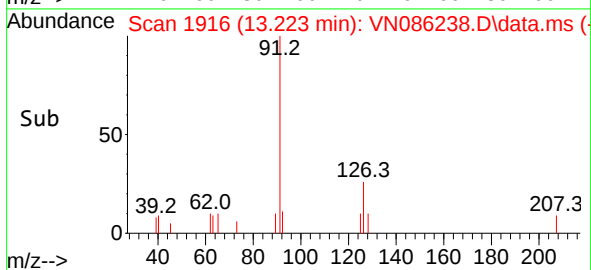
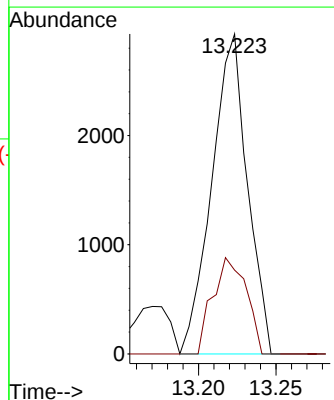
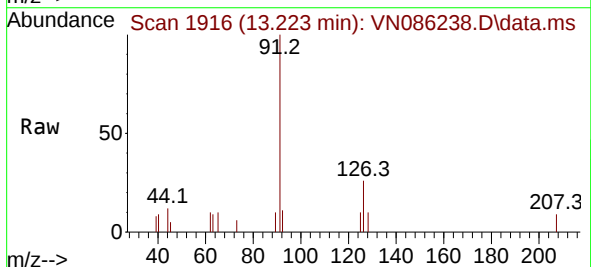
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

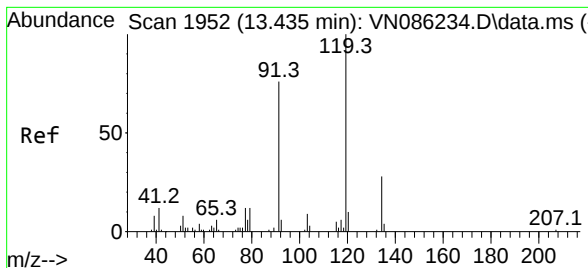
Tgt Ion: 75 Resp: 646
Ion Ratio Lower Upper
75 100
53 117.5 71.9 107.9#
89 29.4 36.4 54.6#



#82
4-Chlorotoluene
Concen: 1.403 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion: 91 Resp: 4675
Ion Ratio Lower Upper
91 100
126 28.4 15.8 47.4





#83

tert-Butylbenzene

Concen: 1.337 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

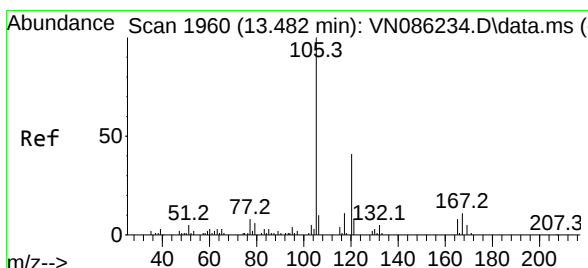
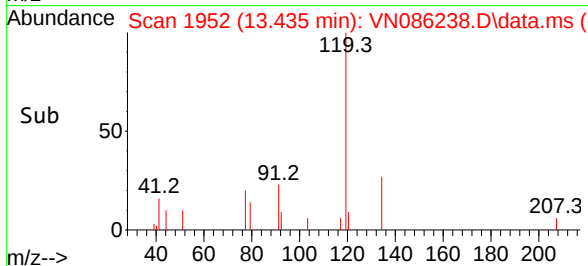
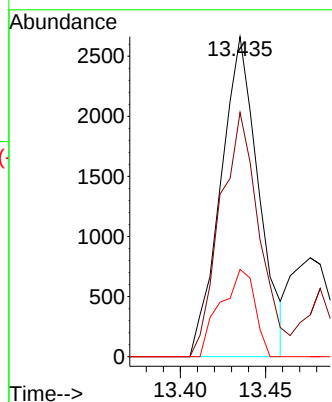
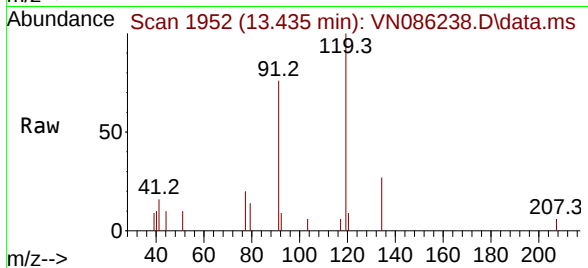
Tgt Ion:119 Resp: 4127

Ion Ratio Lower Upper

119 100

91 79.1 35.9 107.5

134 24.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 1.271 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN086238.D

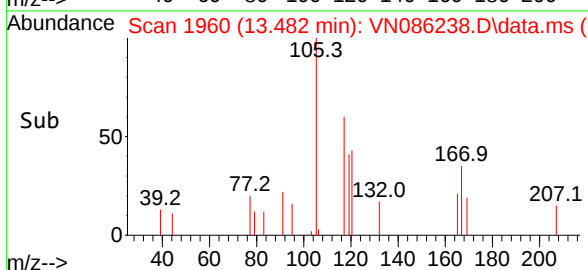
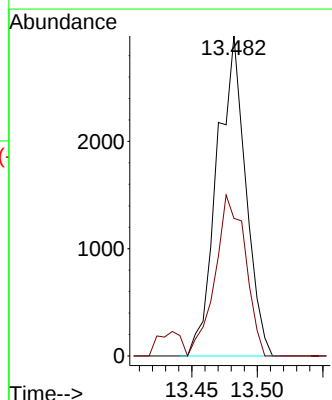
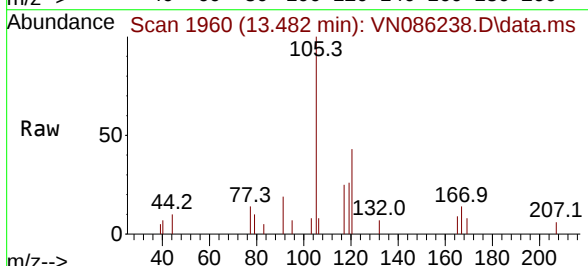
Acq: 07 Apr 2025 15:58

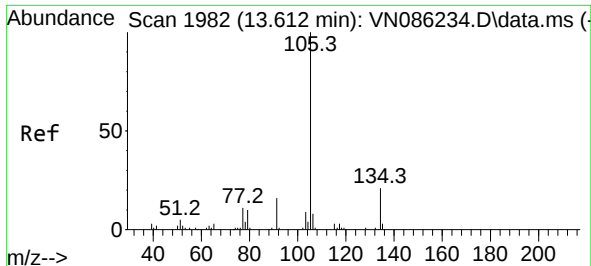
Tgt Ion:105 Resp: 4541

Ion Ratio Lower Upper

105 100

120 53.0 22.7 68.1

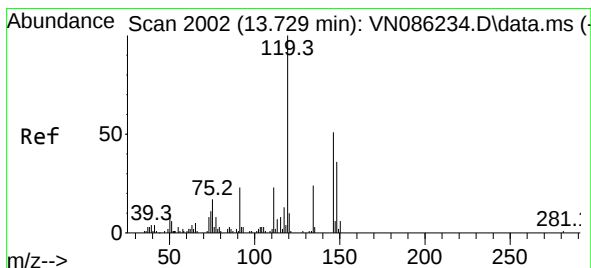
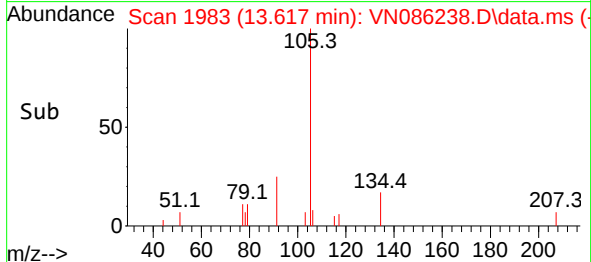
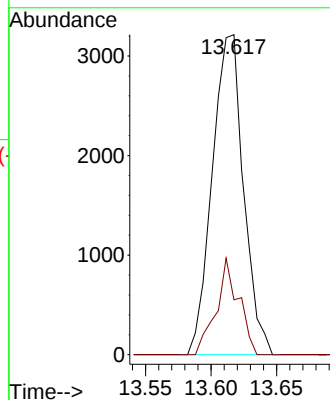
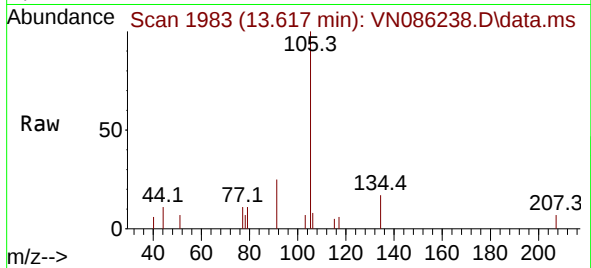




#85
 sec-Butylbenzene
 Concen: 1.308 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.006 min
 Lab File: VN086238.D
 Acq: 07 Apr 2025 15:58

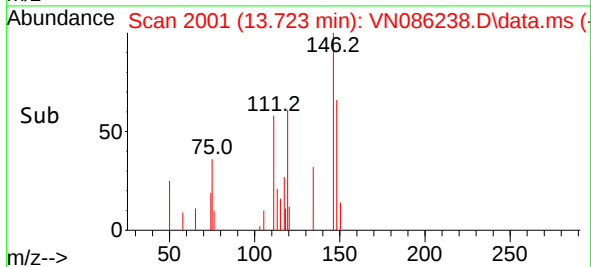
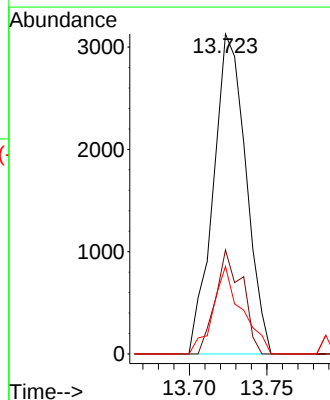
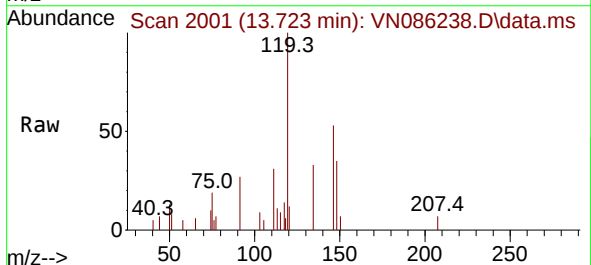
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

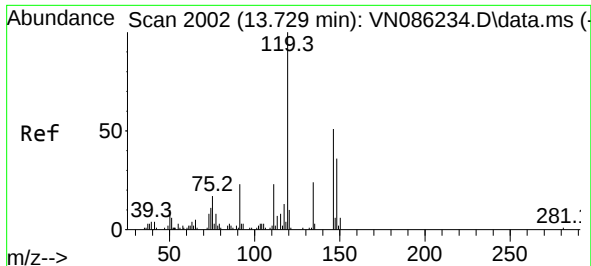
Tgt Ion:105 Resp: 5328
 Ion Ratio Lower Upper
 105 100
 134 21.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 1.357 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN086238.D
 Acq: 07 Apr 2025 15:58

Tgt Ion:119 Resp: 4586
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.6
 91 24.1 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 1.560 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

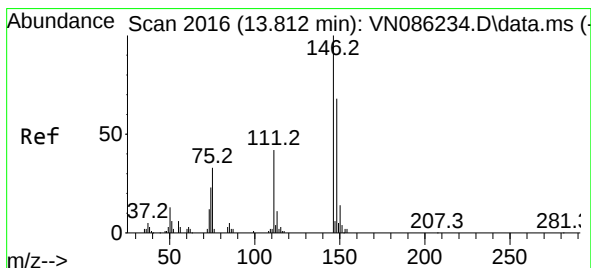
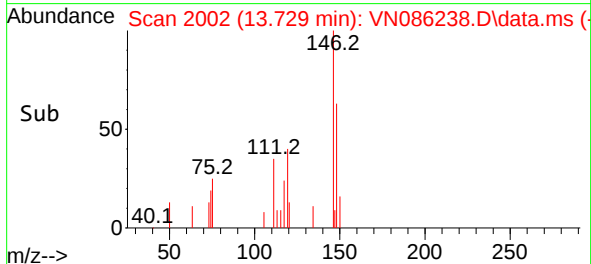
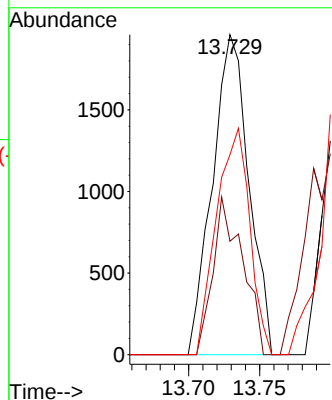
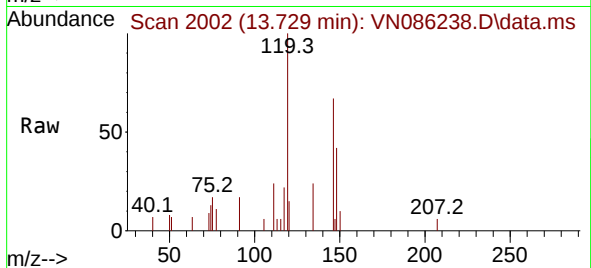
Tgt Ion:146 Resp: 3502

Ion Ratio Lower Upper

146 100

111 40.0 21.3 64.0

148 64.7 31.4 94.0



#88

1,4-Dichlorobenzene

Concen: 1.525 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.082 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

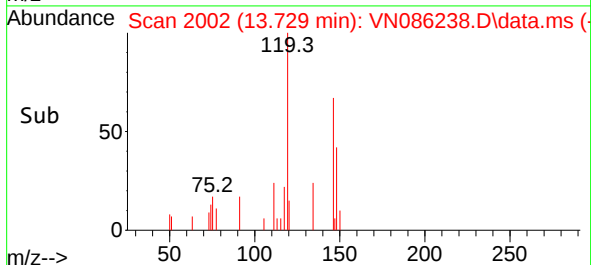
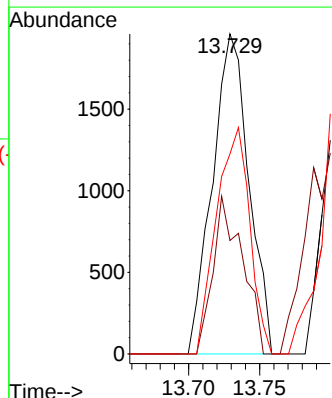
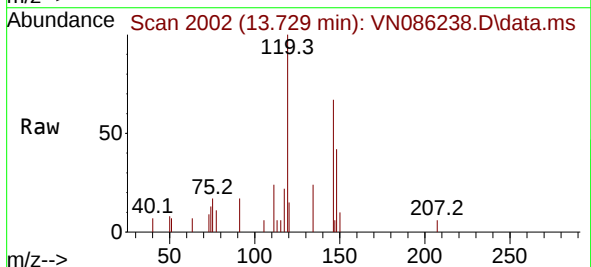
Tgt Ion:146 Resp: 3502

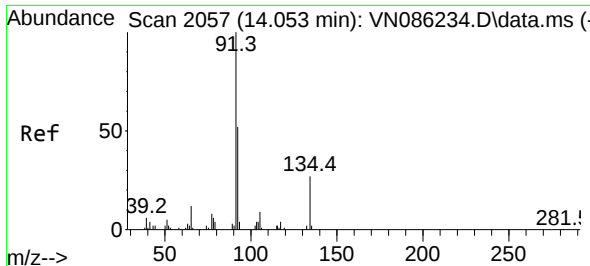
Ion Ratio Lower Upper

146 100

111 40.0 22.3 66.8

148 64.7 33.4 100.2

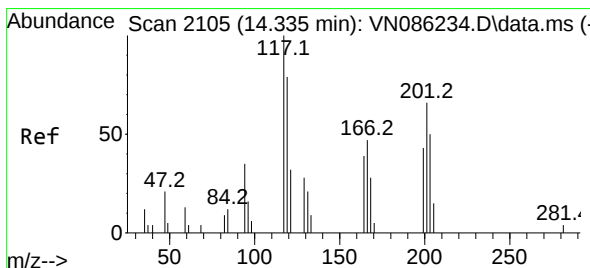
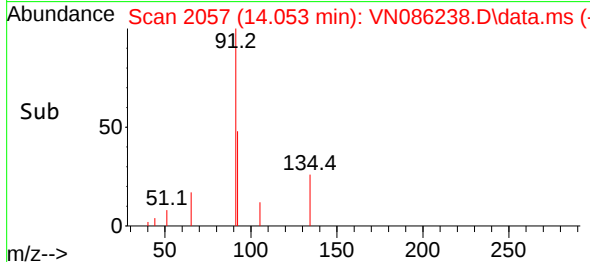
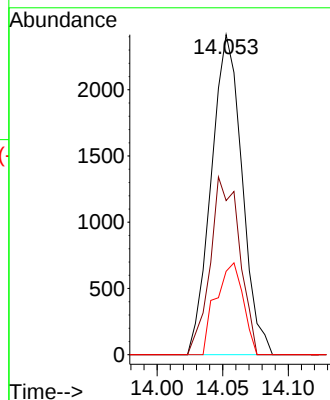
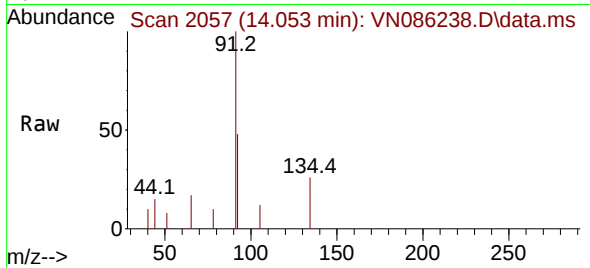




#89
n-Butylbenzene
Concen: 1.388 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

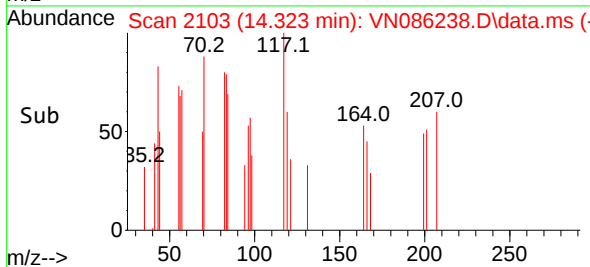
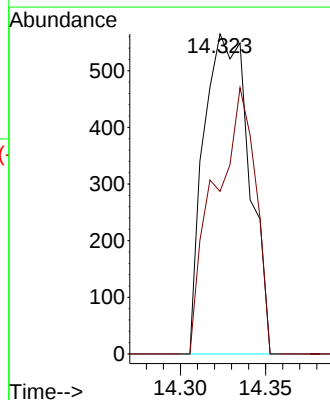
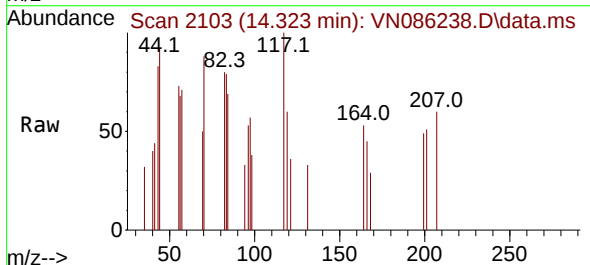
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

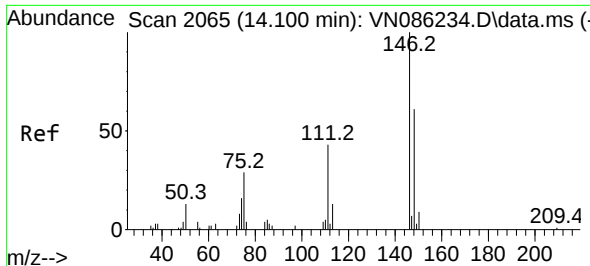
Tgt Ion:	91	Resp:	3940
Ion	Ratio	Lower	Upper
91	100		
92	52.9	25.1	75.4
134	25.4	13.4	40.1



#90
Hexachloroethane
Concen: 1.592 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.012 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion:	117	Resp:	1043
Ion	Ratio	Lower	Upper
117	100		
201	75.3	37.9	113.6





#91

1,2-Dichlorobenzene

Concen: 1.602 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

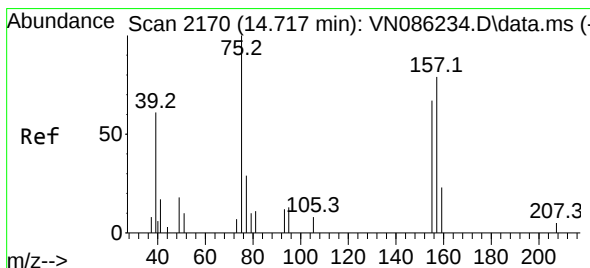
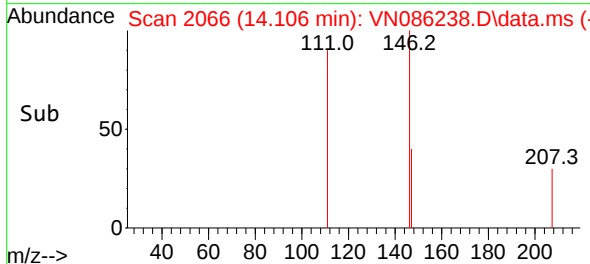
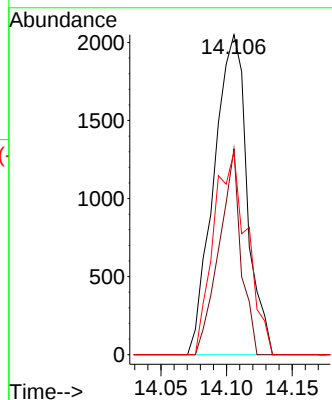
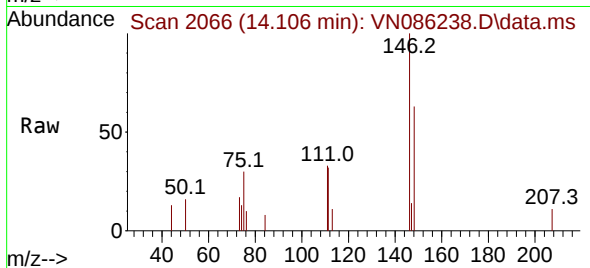
Tgt Ion:146 Resp: 3609

Ion Ratio Lower Upper

146 100

111 42.4 22.1 66.1

148 64.1 31.3 93.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.595 ug/l

RT: 14.711 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VN086238.D

Acq: 07 Apr 2025 15:58

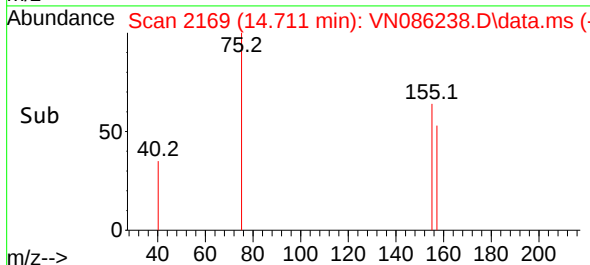
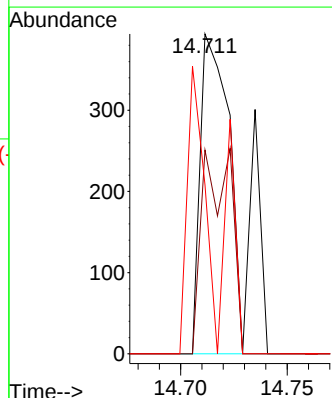
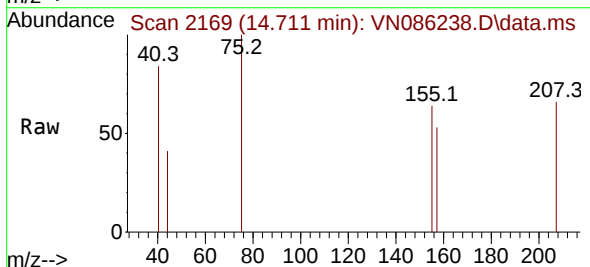
Tgt Ion: 75 Resp: 474

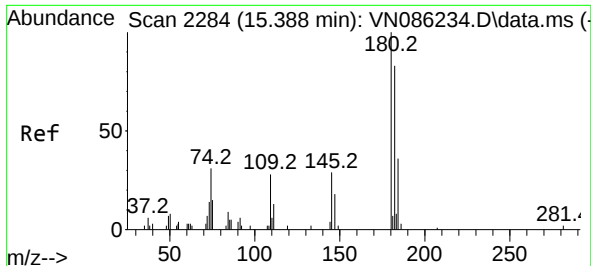
Ion Ratio Lower Upper

75 100

155 50.2 39.0 117.0

157 41.8 44.1 132.4#

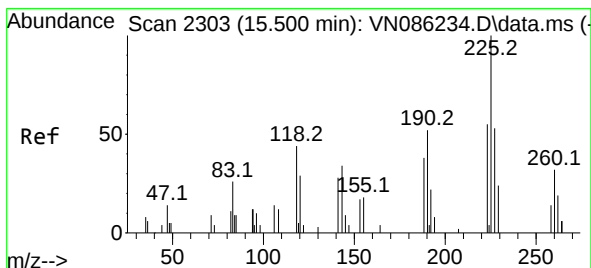
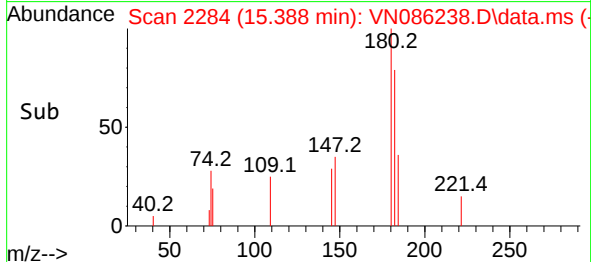
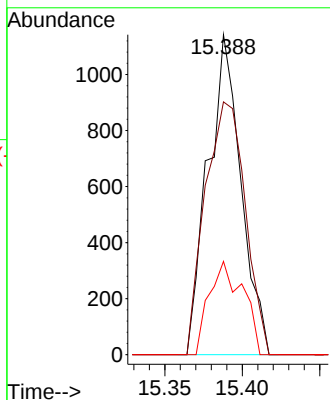
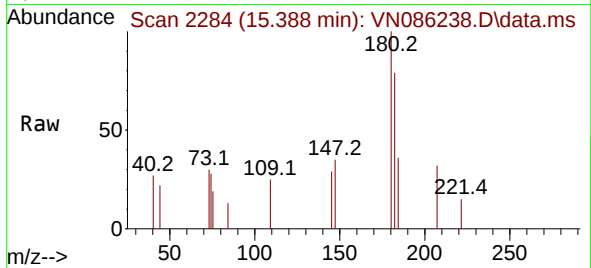




#93
 1,2,4-Trichlorobenzene
 Concen: 1.477 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086238.D
 Acq: 07 Apr 2025 15:58

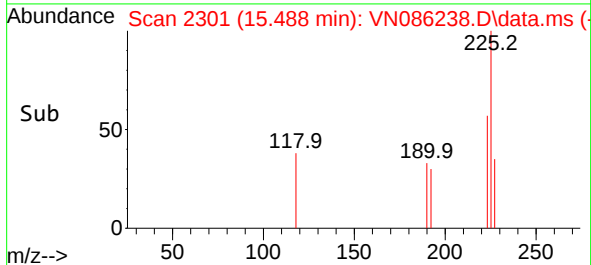
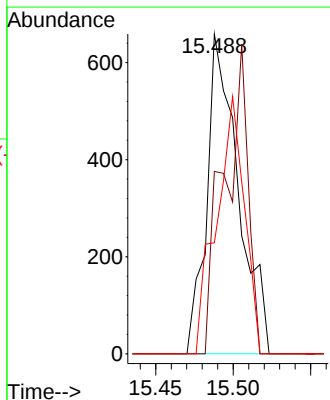
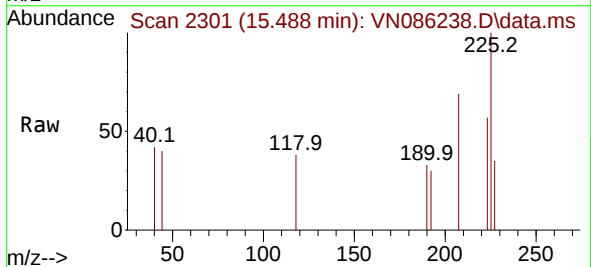
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

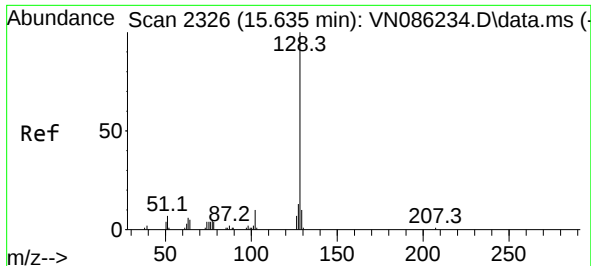
Tgt Ion:180 Resp: 1692
 Ion Ratio Lower Upper
 180 100
 182 95.7 43.7 131.1
 145 29.9 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 1.484 ug/l
 RT: 15.488 min Scan# 2301
 Delta R.T. -0.012 min
 Lab File: VN086238.D
 Acq: 07 Apr 2025 15:58

Tgt Ion:225 Resp: 931
 Ion Ratio Lower Upper
 225 100
 223 40.3 29.8 89.5
 227 71.5 30.3 91.0

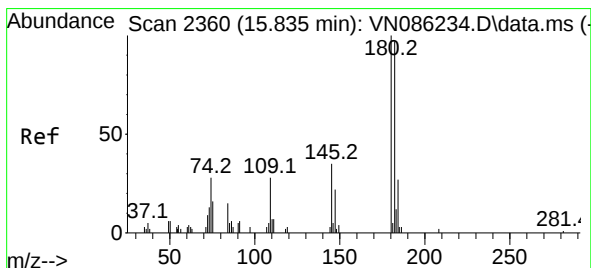
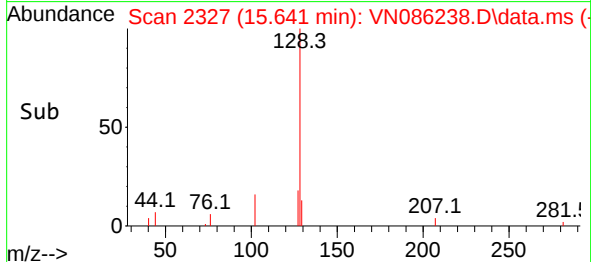
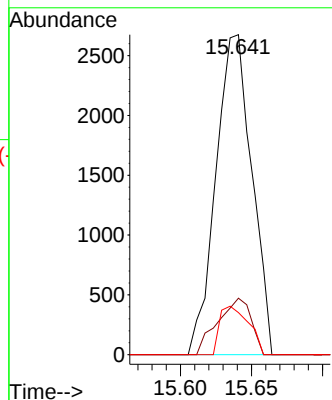
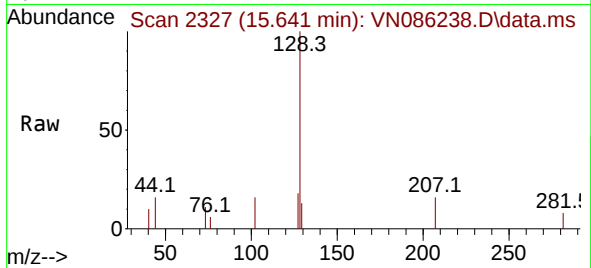




#95
Naphthalene
Concen: 1.421 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 4709
Ion Ratio Lower Upper
128 100
127 16.4 10.0 15.0#
129 12.2 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 1.515 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.012 min
Lab File: VN086238.D
Acq: 07 Apr 2025 15:58

Tgt Ion:180 Resp: 1670
Ion Ratio Lower Upper
180 100
182 93.4 45.9 137.7
145 26.2 16.4 49.1

