

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
 Data File : VN088465.D
 Acq On : 05 Dec 2025 10:06
 Operator : JC\MD
 Sample : VN1205WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Quant Time: Dec 05 23:37:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	58378	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	295792	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	269874	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	168406	31.581	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 105.267%	
60) 4-Bromofluorobenzene	12.823	95	138483	30.355	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.200%	
63) Toluene-d8	10.541	98	402691	31.517	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 105.067%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	83332	20.307	ug/l	99
3) Chloromethane	2.383	50	85749	20.267	ug/l	100
4) Vinyl Chloride	2.536	62	89115	19.919	ug/l	95
5) Bromomethane	2.989	94	43377	18.184	ug/l	91
6) Chloroethane	3.148	64	55373	20.024	ug/l	98
7) Trichlorofluoromethane	3.518	101	133204	21.237	ug/l	96
8) Diethyl Ether	3.959	74	48025	20.486	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	66969	20.352	ug/l	84
10) 1,1-Dichloroethene	4.342	96	65728	20.475	ug/l	87
11) Methyl Iodide	4.595	142	58499	17.124	ug/l	91
13) Acrolein	4.183	56	79402	104.207	ug/l	100
14) Acrylonitrile	5.706	53	232103	98.631	ug/l	99
15) Acetone	4.424	58	47427	68.917	ug/l	94
16) Carbon Disulfide	4.712	76	204979	18.933	ug/l	99
17) Allyl chloride	5.006	41	49091	7.869	ug/l	95
18) Methylene Chloride	5.265	84	80569	20.192	ug/l	92
19) trans-1,2-Dichloroethene	5.771	96	41709	11.158	ug/l	92
20) Diisopropyl ether	6.653	45	283088	21.237	ug/l	98
21) 1,1-Dichloroethane	6.553	63	156749	20.872	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	86700	19.956	ug/l	98
23) tert-Butyl Alcohol	5.512	59	70639	81.635	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	267703	20.683	ug/l	96
25) Chloroform	7.947	83	158104	21.246	ug/l	99
26) Cyclohexane	8.235	56	123338	19.443	ug/l #	92
29) 1,1-Dichloropropene	8.353	75	103655	21.002	ug/l	99
30) 2-Butanone	7.465	43	298792	93.591	ug/l	100
31) 2,2-Dichloropropane	7.471	77	136120	22.361	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	137921	22.669	ug/l	99
33) Carbon Tetrachloride	8.341	117	111235	21.410	ug/l	98
34) Benzene	8.582	78	317818	21.543	ug/l	97
35) Methacrylonitrile	7.759	41	74244	22.295	ug/l	92
36) 1,2-Dichloroethane	8.647	62	132365	23.055	ug/l	98
37) Trichloroethene	9.329	130	71992	21.534	ug/l	93
38) Methylcyclohexane	9.577	83	105316	18.613	ug/l	96
39) 1,2-Dichloropropane	9.594	63	86522	22.732	ug/l	97
40) Dibromomethane	9.688	93	62642	22.907	ug/l	98
41) Bromodichloromethane	9.865	83	125111	22.727	ug/l	98
42) Vinyl Acetate	6.588	43	1149316	107.862	ug/l	99
43) Ethyl Acetate	7.541	43	131258	20.434	ug/l	96

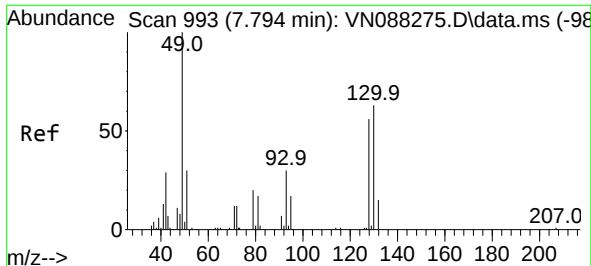
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.671	43	214097	21.627	ug/l	99
45) 1,4-Dioxane	9.682	88	21186	355.389	ug/l	100
46) Methyl methacrylate	9.659	41	92284	19.921	ug/l	92
47) n-amyl Acetate	12.682	43	12941	2.580	ug/l #	100
48) t-1,3-Dichloropropene	10.812	75	124941	21.220	ug/l	97
49) cis-1,3-Dichloropropene	10.288	75	134047	21.881	ug/l	91
50) 1,1,2-Trichloroethane	10.994	97	74451	22.018	ug/l	97
51) Ethyl methacrylate	10.853	69	117713	21.159	ug/l	94
52) 1,3-Dichloropropane	11.135	76	137190	22.278	ug/l	100
53) Dibromochloromethane	11.335	129	88103	22.683	ug/l	99
54) 1,2-Dibromoethane	11.441	107	76424	21.752	ug/l	96
55) 2-Chloroethyl vinyl ether	10.135	63	339470	105.929	ug/l	99
56) Bromoform	12.553	173	51407	20.910	ug/l	97
58) 4-Methyl-2-Pentanone	10.424	43	677277	110.958	ug/l	100
59) 2-Hexanone	11.176	43	411741	101.586	ug/l	99
61) Tetrachloroethene	11.076	164	62982	22.636	ug/l	99
62) Toluene	10.606	91	336006	21.696	ug/l	98
64) Chlorobenzene	11.865	112	202712	21.134	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.935	131	72114	21.966	ug/l	96
66) Ethyl Benzene	11.941	91	352085	20.627	ug/l	99
67) m/p-Xylenes	12.047	106	264552	41.446	ug/l	97
68) o-Xylene	12.376	106	125237	20.798	ug/l	97
69) Styrene	12.388	104	212533	20.782	ug/l	99
70) Isopropylbenzene	12.670	105	320863	20.107	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.912	83	109034	21.093	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	154772	30.907	ug/l	50
73) Bromobenzene	12.959	156	75276	20.895	ug/l	99
74) n-propylbenzene	13.012	91	408412	20.681	ug/l	98
75) 2-Chlorotoluene	13.100	91	241136	20.081	ug/l	99
76) 1,3,5-Trimethylbenzene	13.147	105	274722	20.509	ug/l	99
77) t-1,4-Dichloro-2-butene	12.717	75	35995	20.931	ug/l	83
78) 4-Chlorotoluene	13.200	91	252859	20.779	ug/l	98
79) tert-butylbenzene	13.412	119	215112	18.757	ug/l	95
80) 1,2,4-Trimethylbenzene	13.459	105	273465	20.530	ug/l	98
81) sec-Butylbenzene	13.588	105	325506	19.460	ug/l	99
82) p-Isopropyltoluene	13.706	119	265003	19.173	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	147487	21.071	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	148538	20.954	ug/l	99
85) n-Butylbenzene	14.029	91	251816	19.116	ug/l	99
86) Hexachloroethane	14.306	117	46748	17.664	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	137717	20.845	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	22702	18.685	ug/l	96
89) 1,2,4-Trichlorobenzene	15.811	180	73635	19.861	ug/l	98
90) Hexachlorobutadiene	15.464	225	26440	18.364	ug/l	99
91) Naphthalene	15.611	128	256999	19.158	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	73635	19.861	ug/l	98

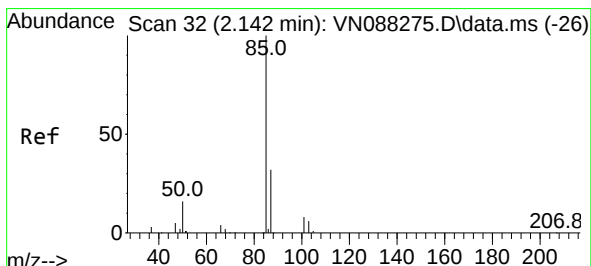
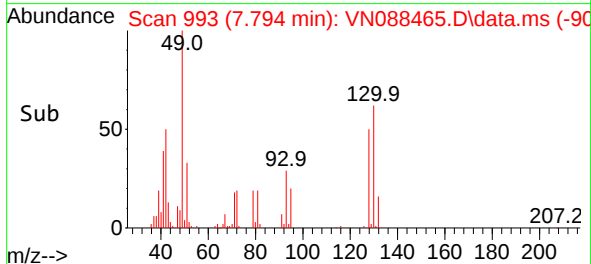
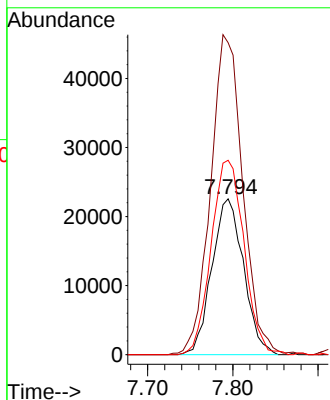
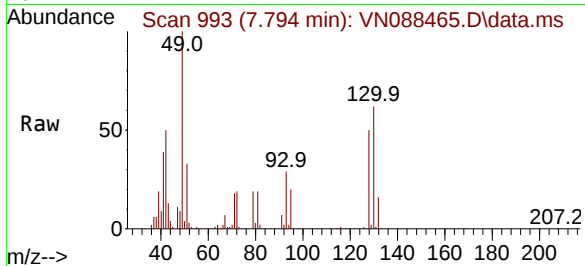
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

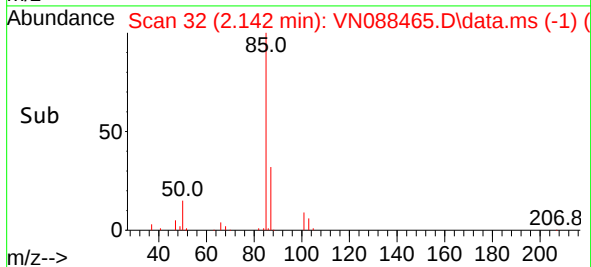
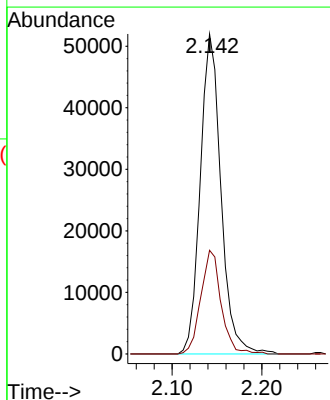
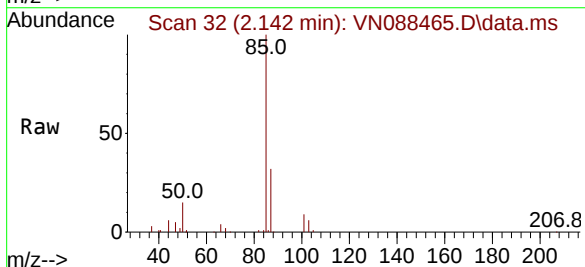
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

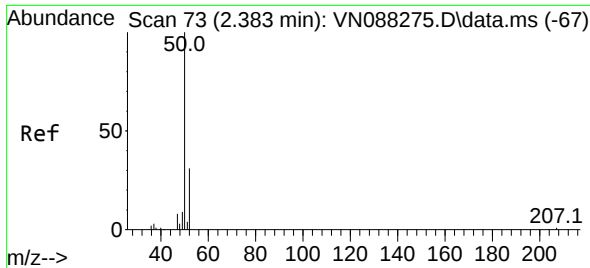
Tgt Ion:128 Resp: 58378
Ion Ratio Lower Upper
128 100
49 207.8 0.0 501.2
130 129.1 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 20.307 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 85 Resp: 83332
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0

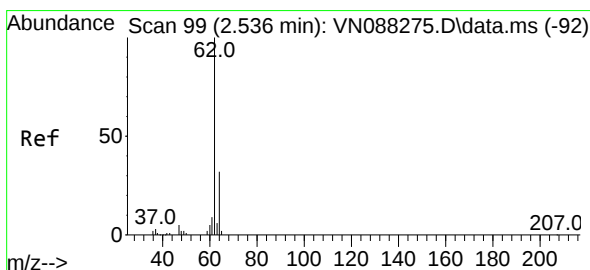
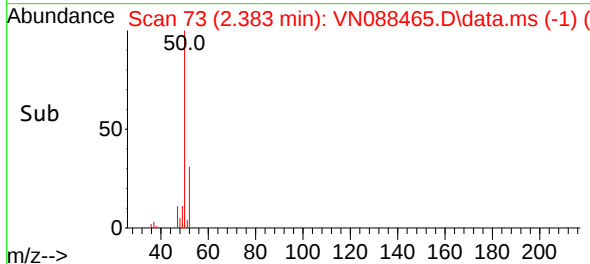
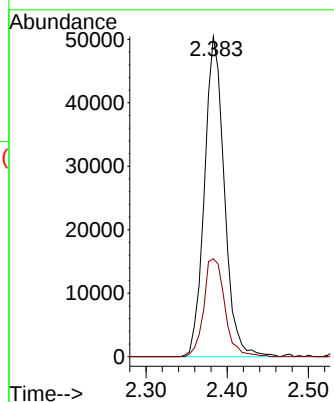
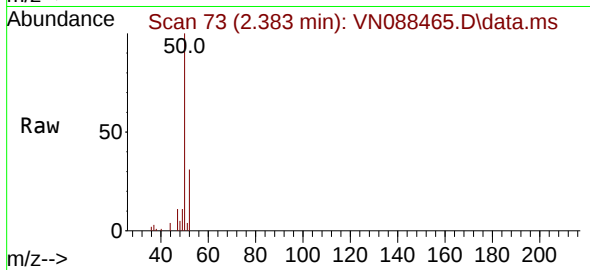




#3
Chloromethane
Concen: 20.267 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

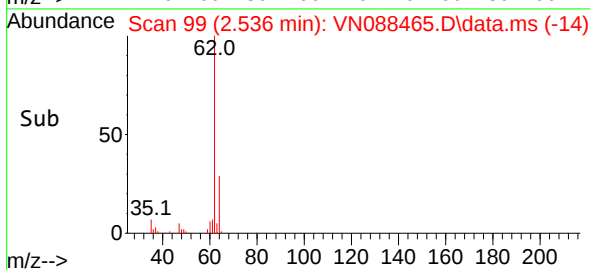
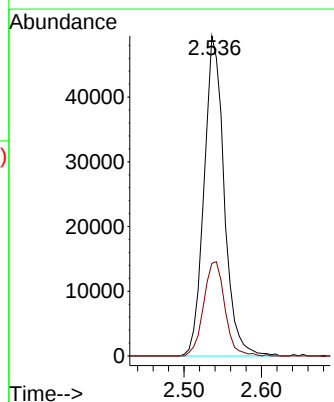
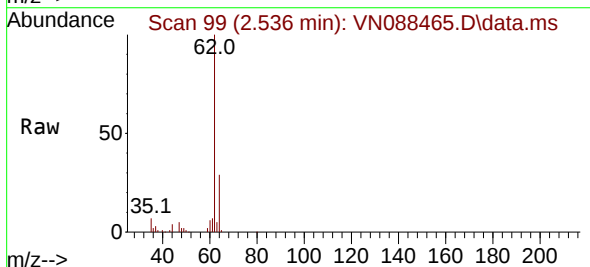
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

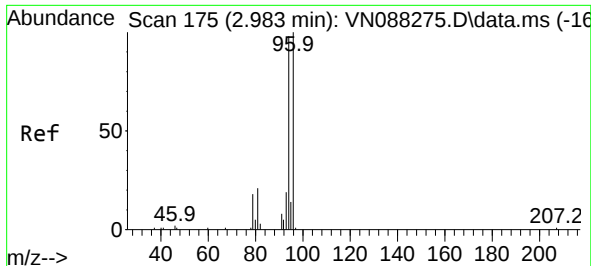
Tgt Ion: 50 Resp: 85749
Ion Ratio Lower Upper
50 100
52 30.6 24.6 36.8



#4
Vinyl Chloride
Concen: 19.919 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 62 Resp: 89115
Ion Ratio Lower Upper
62 100
64 28.9 25.4 38.2

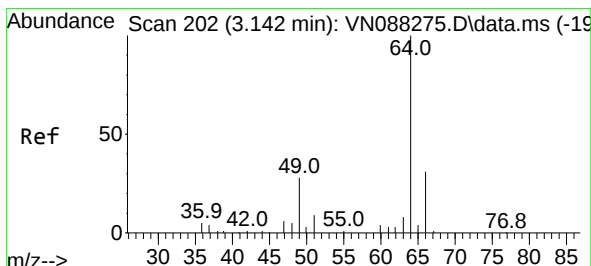
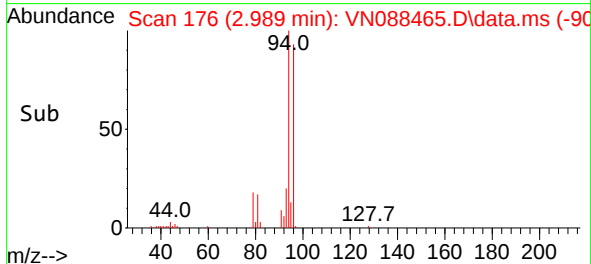
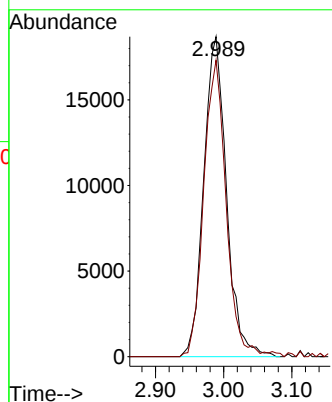
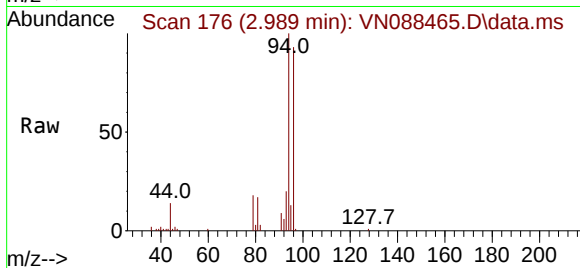




#5
Bromomethane
Concen: 18.184 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

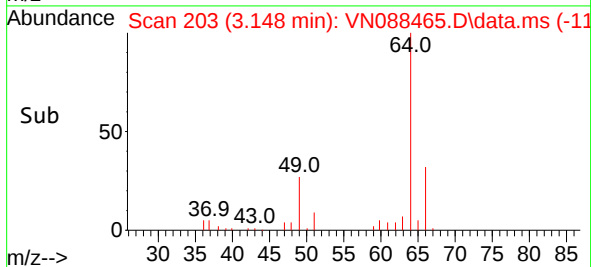
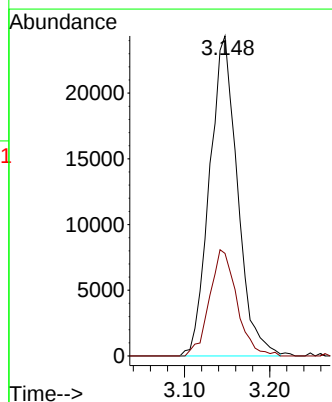
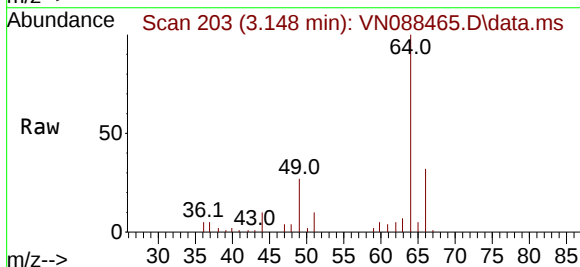
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ClientSampleId :
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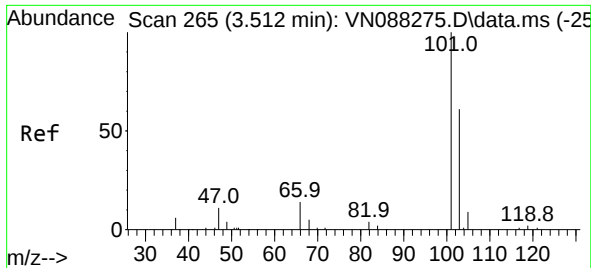
Tgt Ion: 94 Resp: 43377
Ion Ratio Lower Upper
94 100
96 92.6 81.3 121.9



#6
Chloroethane
Concen: 20.024 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 64 Resp: 55373
Ion Ratio Lower Upper
64 100
66 32.0 24.7 37.1

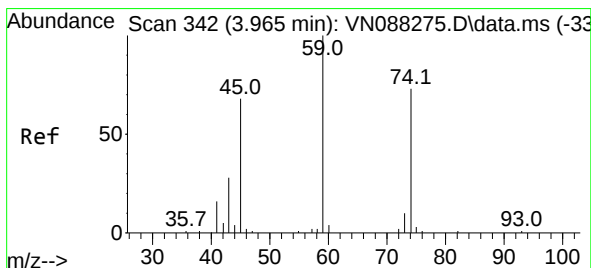
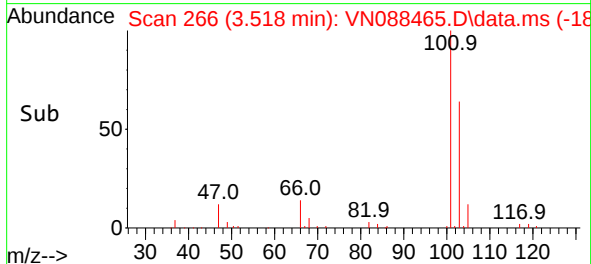
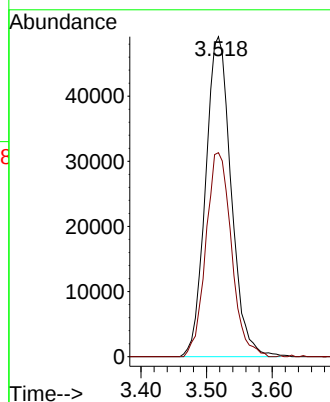
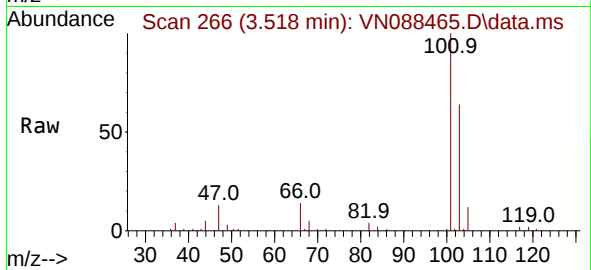




#7
 Trichlorofluoromethane
 Concen: 21.237 ug/l
 RT: 3.518 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN088465.D
 Acq: 05 Dec 2025 10:06

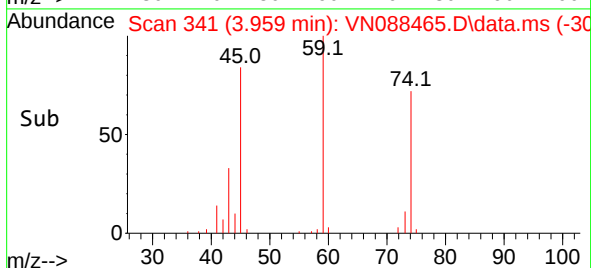
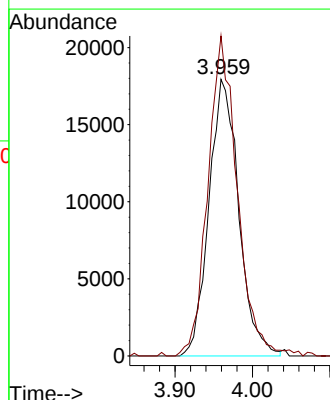
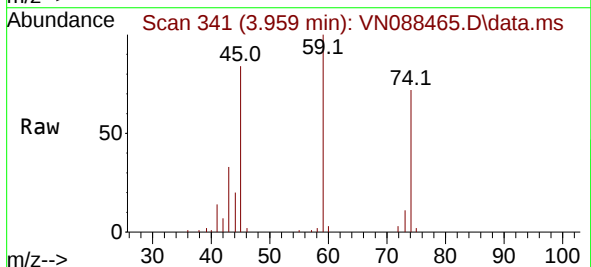
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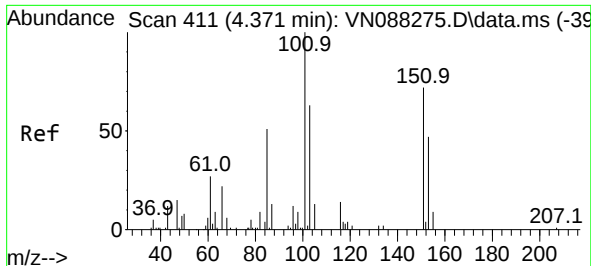
Tgt Ion:101 Resp: 133204
 Ion Ratio Lower Upper
 101 100
 103 63.7 48.6 73.0



#8
 Diethyl Ether
 Concen: 20.486 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN088465.D
 Acq: 05 Dec 2025 10:06

Tgt Ion: 74 Resp: 48025
 Ion Ratio Lower Upper
 74 100
 45 113.2 20.9 187.7

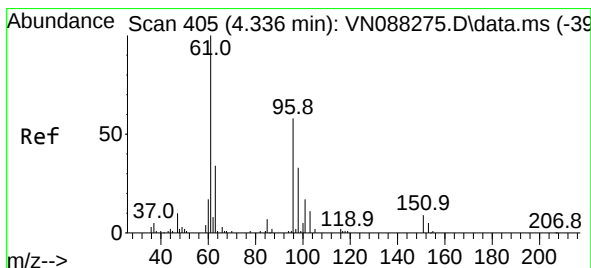
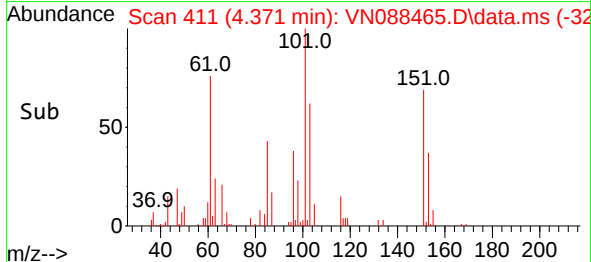
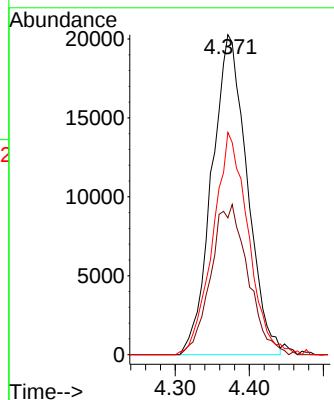
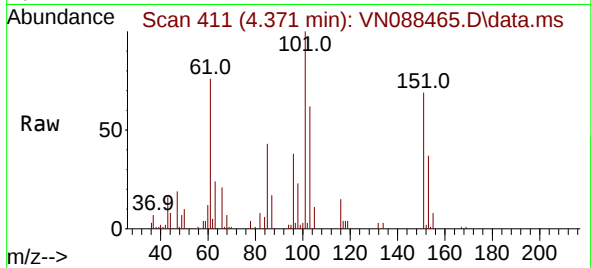




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.352 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN088465.D
 Acq: 05 Dec 2025 10:06

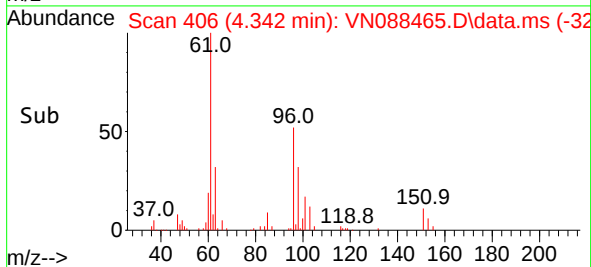
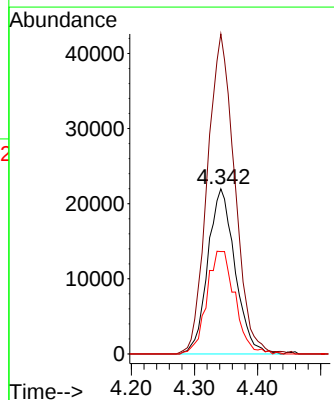
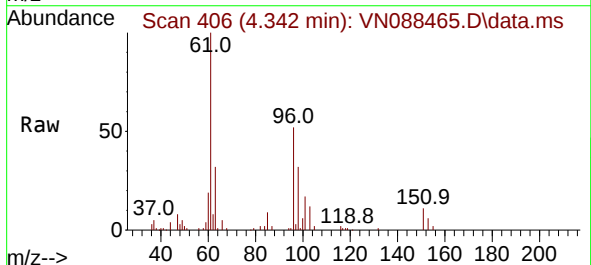
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

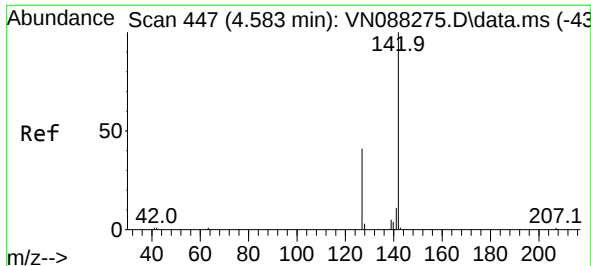
Tgt Ion:	101	Resp:	66969
Ion	Ratio	Lower	Upper
101	100		
85	24.9	0.0	100.8
151	69.5	0.0	138.4



#10
 1,1-Dichloroethene
 Concen: 20.475 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN088465.D
 Acq: 05 Dec 2025 10:06

Tgt Ion:	96	Resp:	65728
Ion	Ratio	Lower	Upper
96	100		
61	192.9	137.8	206.8
98	62.1	45.6	68.4

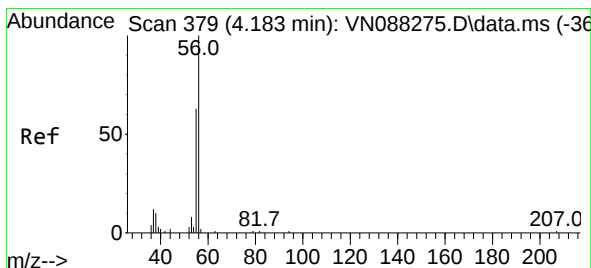
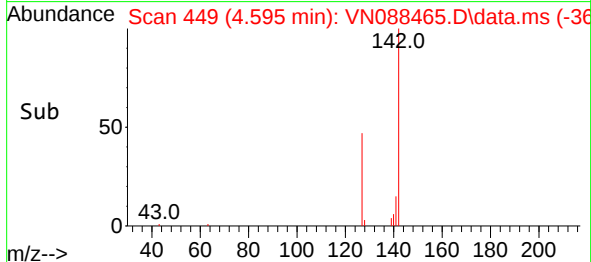
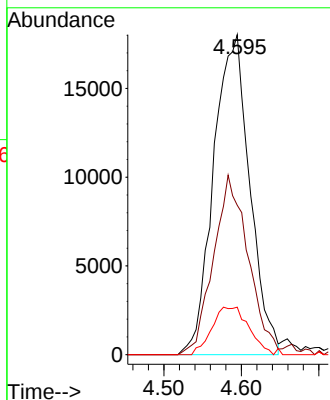
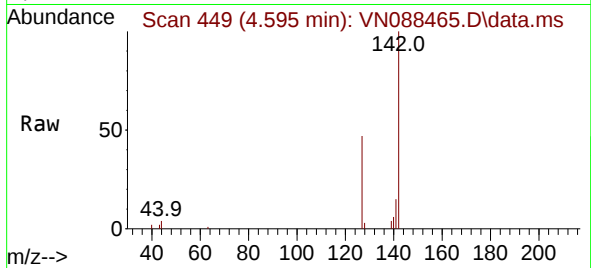




#11
Methyl Iodide
Concen: 17.124 ug/l
RT: 4.595 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

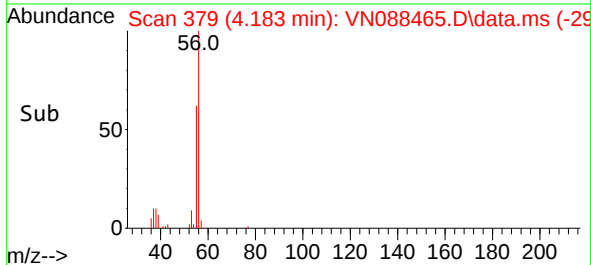
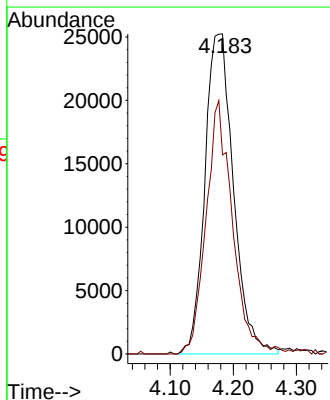
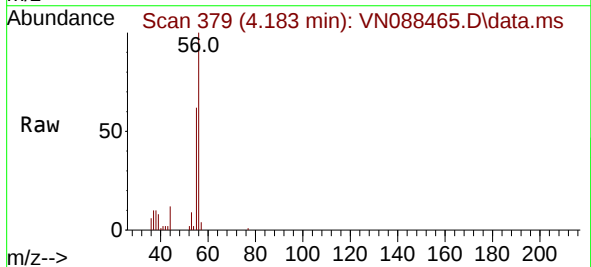
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

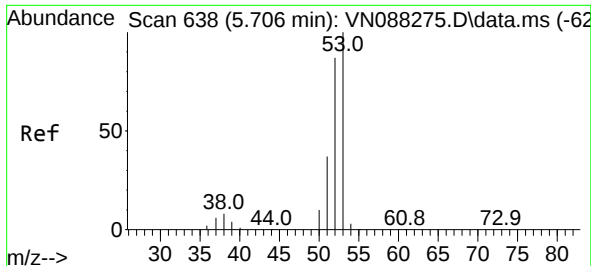
Tgt Ion:142 Resp: 58499
Ion Ratio Lower Upper
142 100
127 46.6 20.4 61.2
141 14.1 5.6 16.8



#13
Acrolein
Concen: 104.207 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 56 Resp: 79402
Ion Ratio Lower Upper
56 100
55 72.5 57.9 86.9

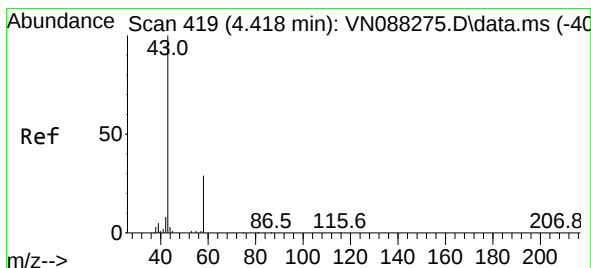
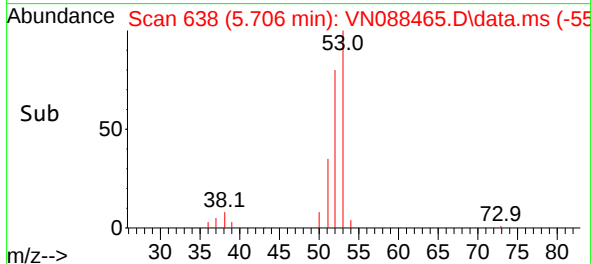
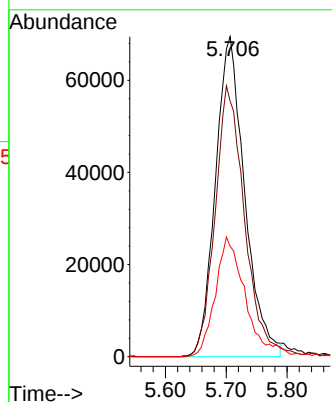
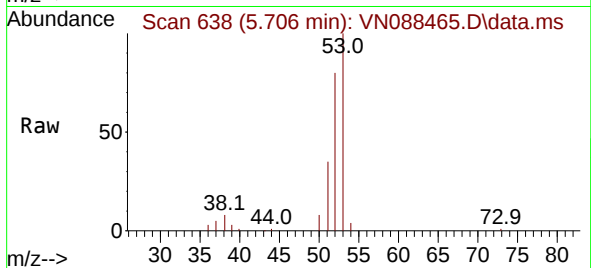




#14
Acrylonitrile
Concen: 98.631 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

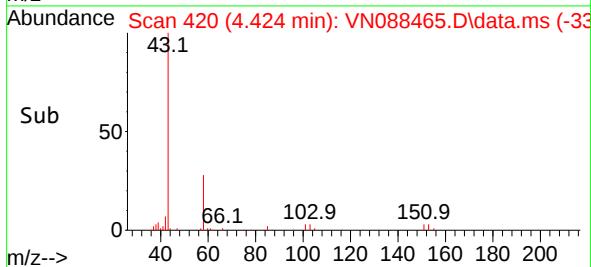
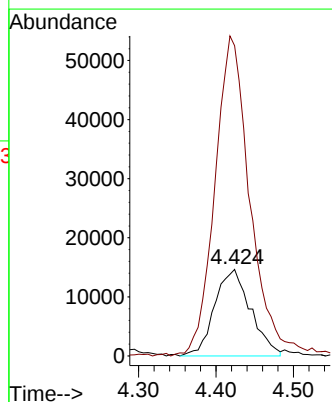
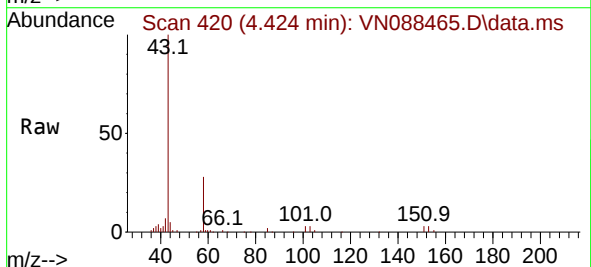
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

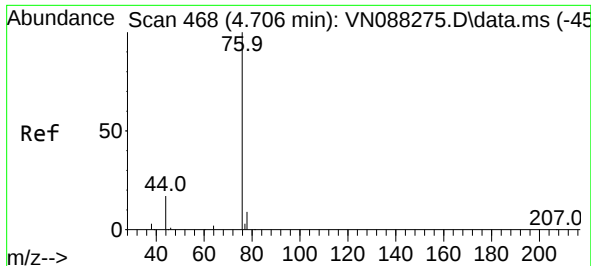
Tgt Ion: 53 Resp: 232103
Ion Ratio Lower Upper
53 100
52 85.3 42.3 126.9
51 37.1 18.4 55.2



#15
Acetone
Concen: 68.917 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 58 Resp: 47427
Ion Ratio Lower Upper
58 100
43 354.5 273.9 410.9

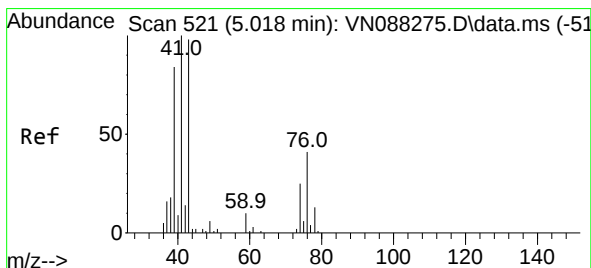
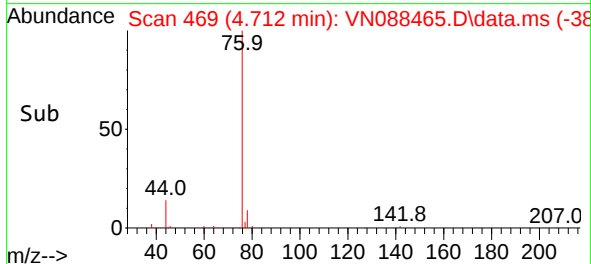
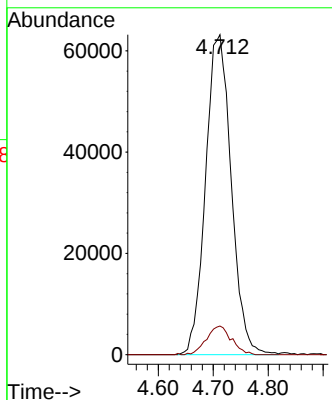
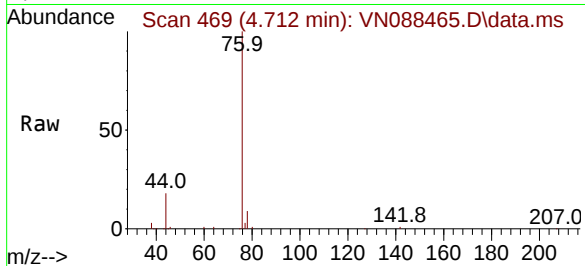




#16
Carbon Disulfide
Concen: 18.933 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

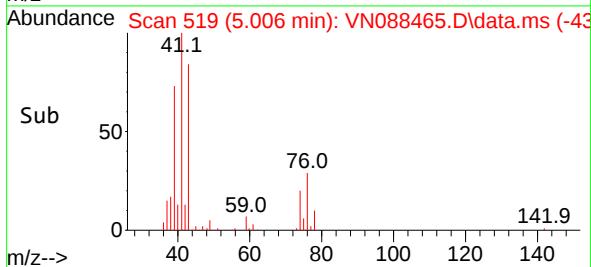
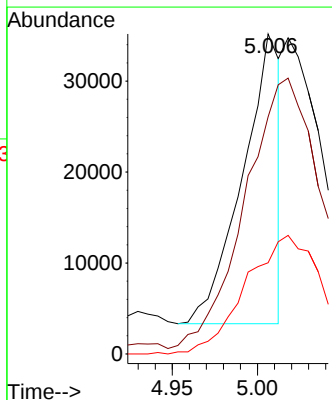
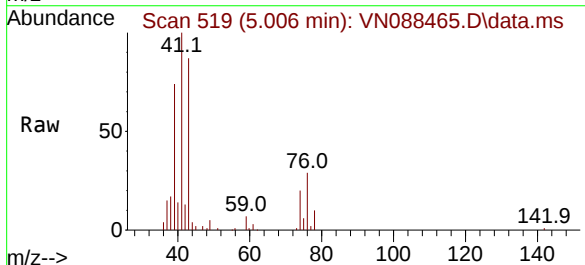
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

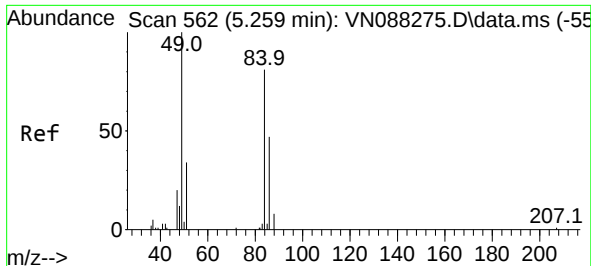
Tgt Ion: 76 Resp: 204979
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#17
Allyl chloride
Concen: 7.869 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.012 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 41 Resp: 49091
Ion Ratio Lower Upper
41 100
39 78.9 38.3 114.9
76 30.8 18.5 55.5

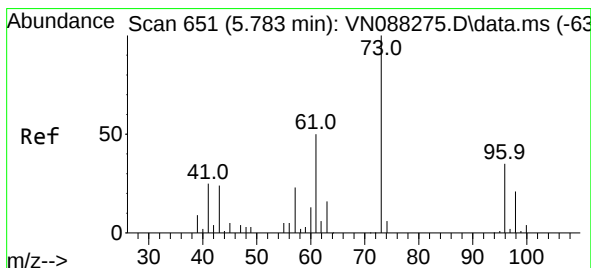
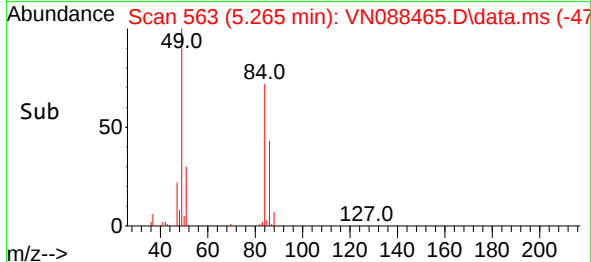
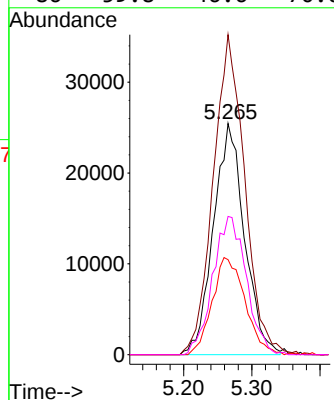
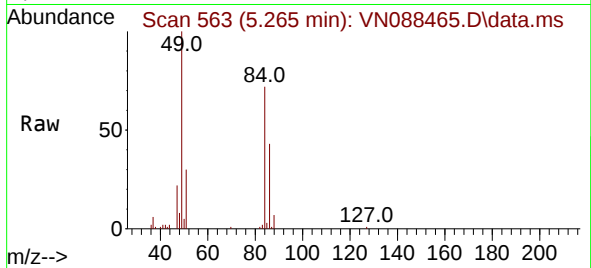




#18
Methylene Chloride
Concen: 20.192 ug/l
RT: 5.265 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

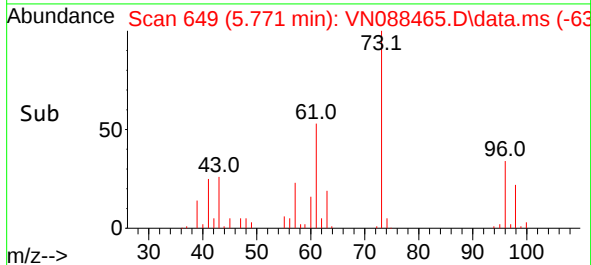
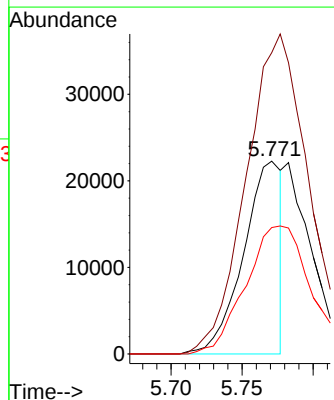
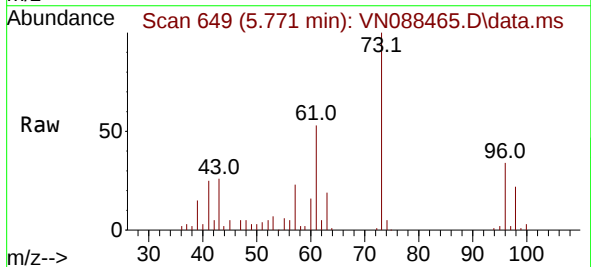
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

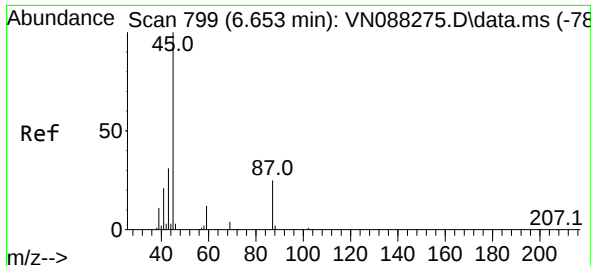
Tgt Ion: 84 Resp: 80569
Ion Ratio Lower Upper
84 100
49 138.4 98.7 148.1
51 41.1 33.7 50.5
86 59.8 46.6 70.0



#19
trans-1,2-Dichloroethene
Concen: 11.158 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.012 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 96 Resp: 41709
Ion Ratio Lower Upper
96 100
61 156.2 117.0 175.4
98 65.5 48.6 72.8

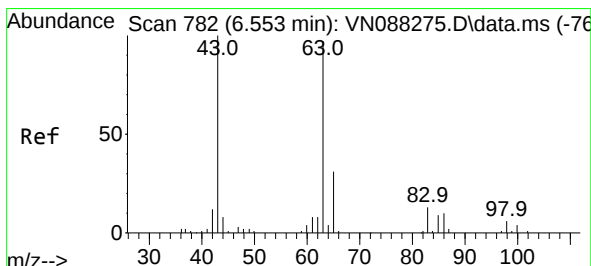
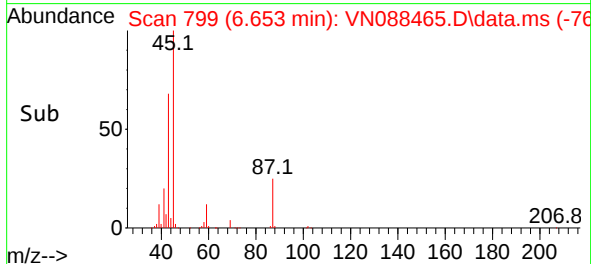
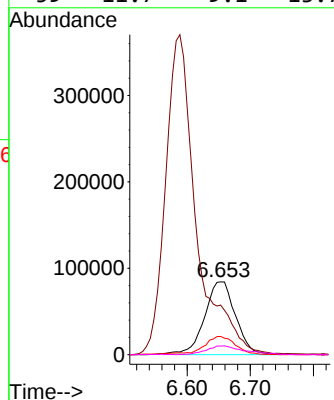
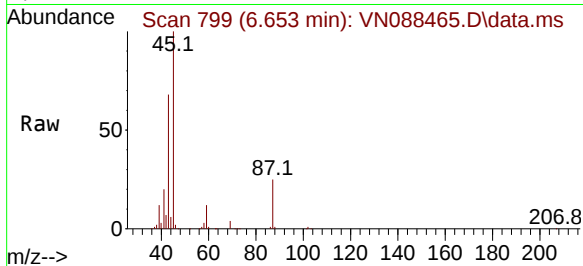




#20
Diisopropyl ether
Concen: 21.237 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

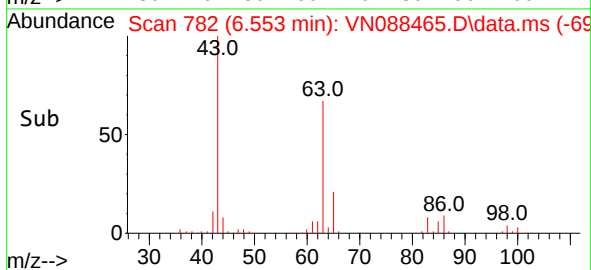
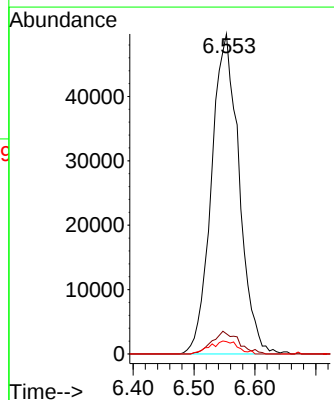
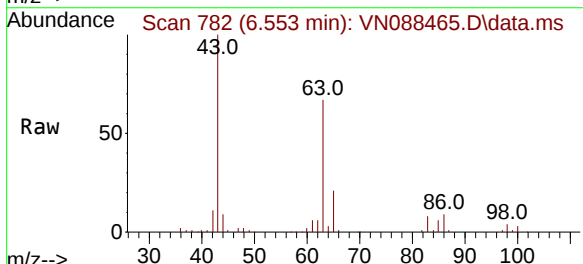
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

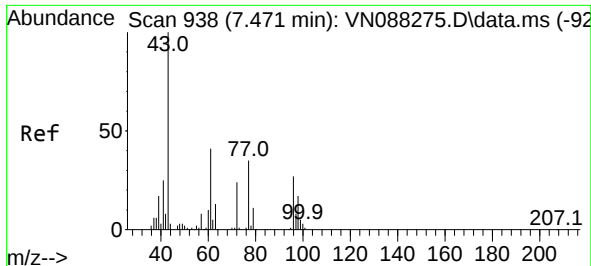
Tgt Ion:	45	Resp:	283088
Ion	Ratio	Lower	Upper
45	100		
43	66.6	51.9	77.9
87	25.2	21.1	31.7
59	11.7	9.1	13.7



#21
1,1-Dichloroethane
Concen: 20.872 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion:	63	Resp:	156749
Ion	Ratio	Lower	Upper
63	100		
98	6.3	3.0	9.0
100	3.9	2.1	6.3

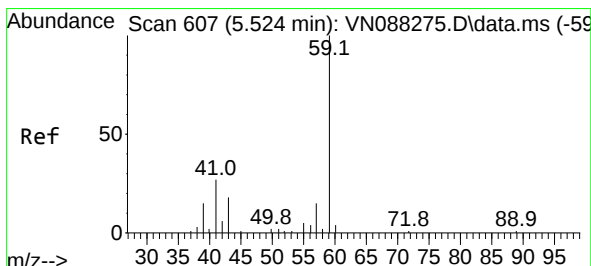
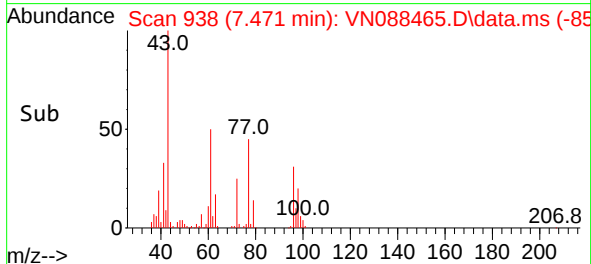
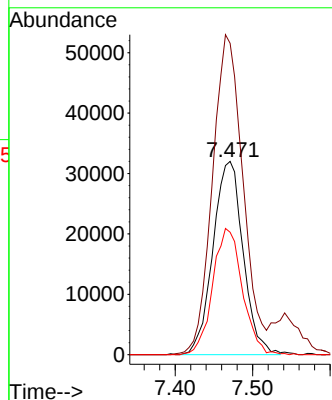
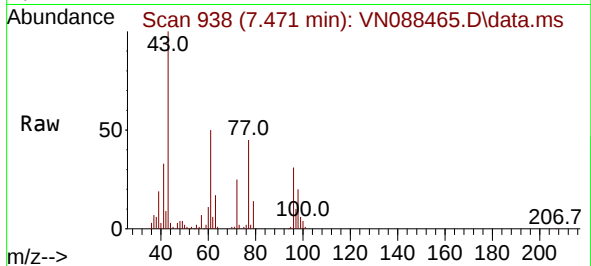




#22
 cis-1,2-Dichloroethene
 Concen: 19.956 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN088465.D
 Acq: 05 Dec 2025 10:06

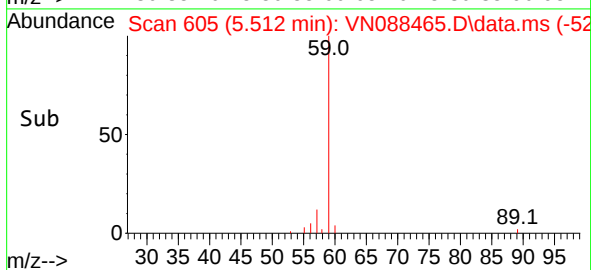
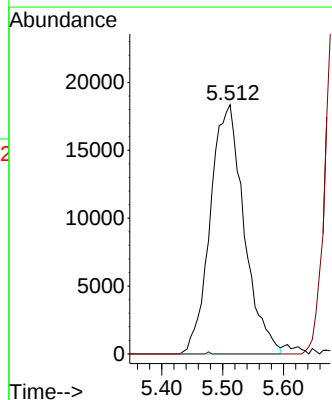
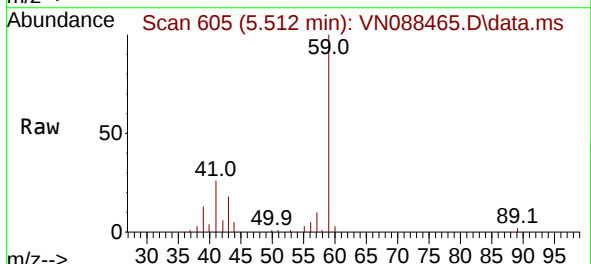
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

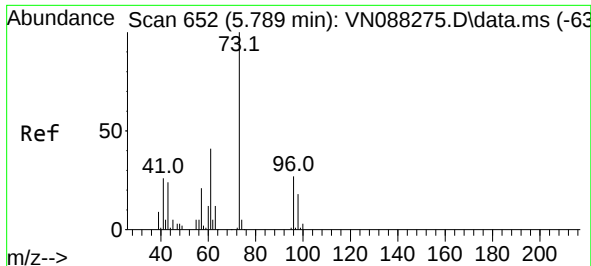
Tgt Ion: 96 Resp: 86700
 Ion Ratio Lower Upper
 96 100
 61 167.5 131.2 196.8
 98 63.7 51.0 76.4



#23
 tert-Butyl Alcohol
 Concen: 81.635 ug/l
 RT: 5.512 min Scan# 605
 Delta R.T. -0.012 min
 Lab File: VN088465.D
 Acq: 05 Dec 2025 10:06

Tgt Ion: 59 Resp: 70639
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

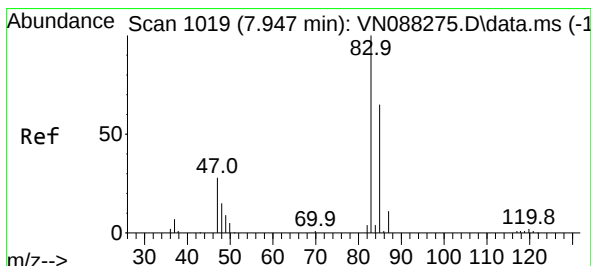
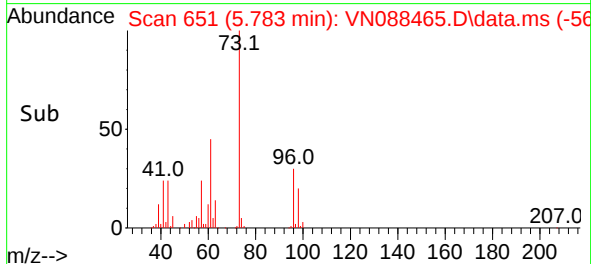
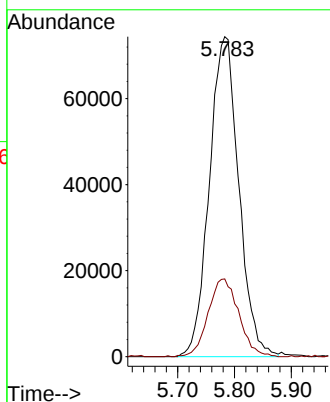
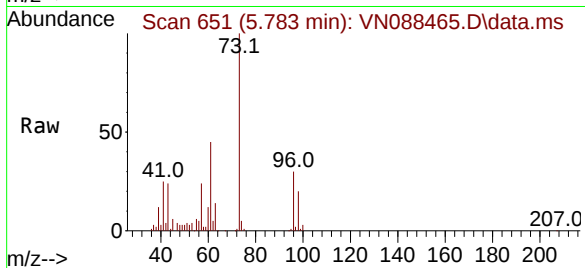




#24
Methyl tert-Butyl Ether
Concen: 20.683 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

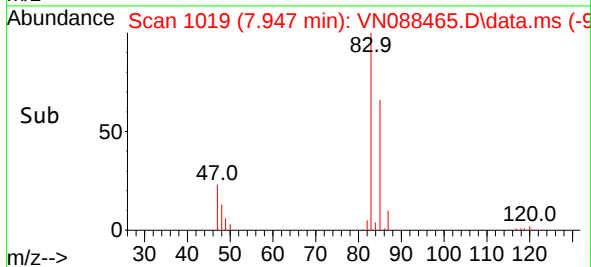
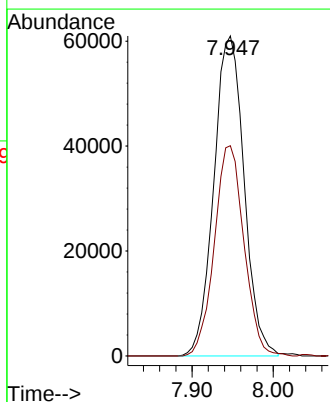
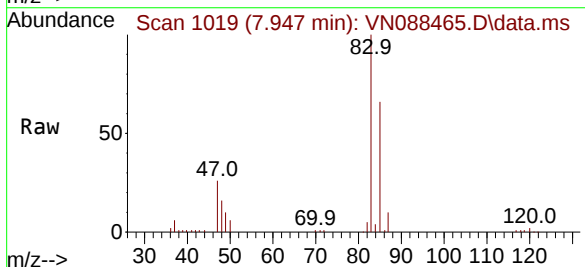
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

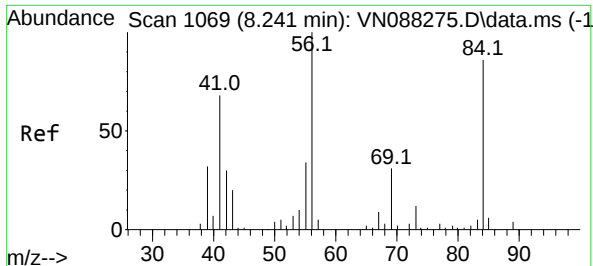
Tgt Ion: 73 Resp: 267703
Ion Ratio Lower Upper
73 100
43 25.2 18.5 27.7



#25
Chloroform
Concen: 21.246 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 83 Resp: 158104
Ion Ratio Lower Upper
83 100
85 65.7 52.2 78.4

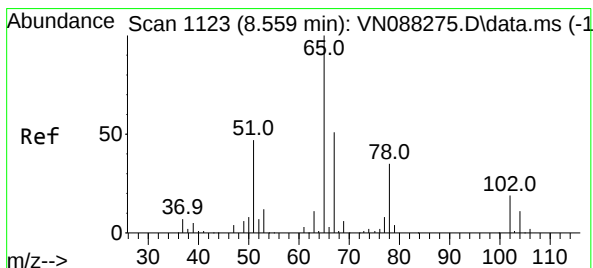
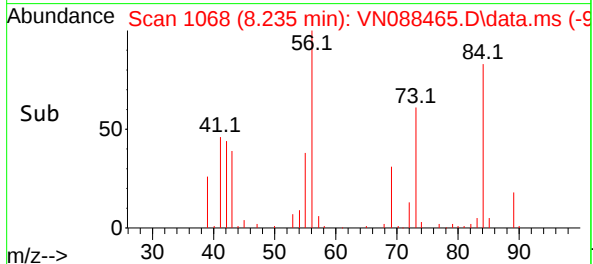
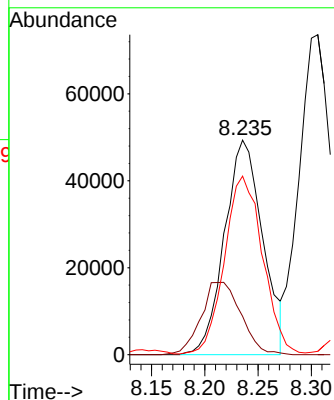
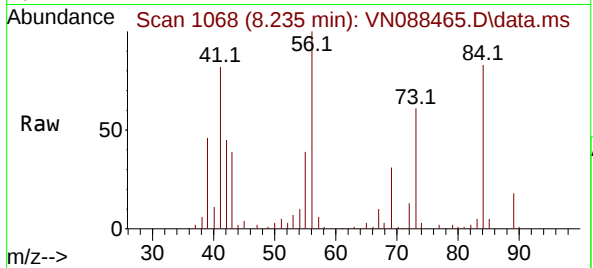




#26
Cyclohexane
Concen: 19.443 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

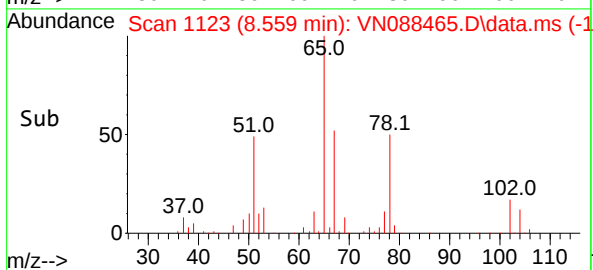
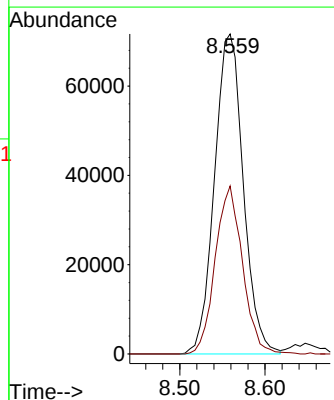
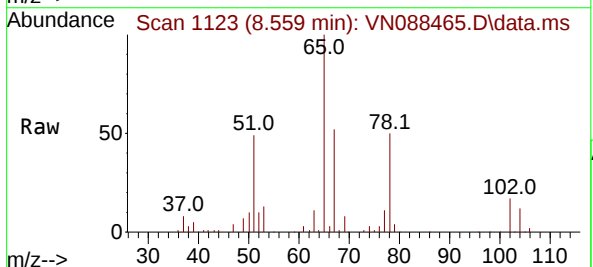
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

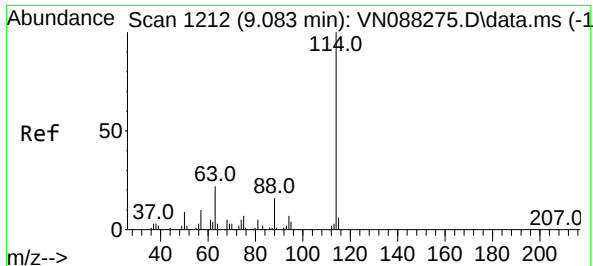
Tgt Ion: 56 Resp: 123338
Ion Ratio Lower Upper
56 100
89 35.2 7.3 10.9#
84 83.3 67.8 101.8



#27
1,2-Dichloroethane-d4
Concen: 31.581 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 65 Resp: 168406
Ion Ratio Lower Upper
65 100
67 49.7 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088465.D

Acq: 05 Dec 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

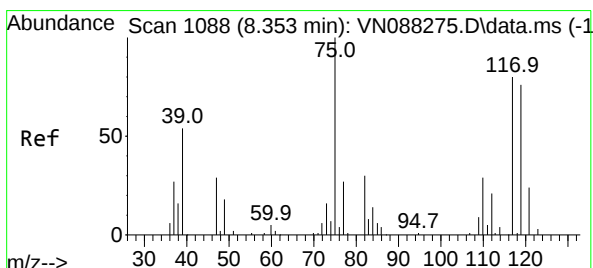
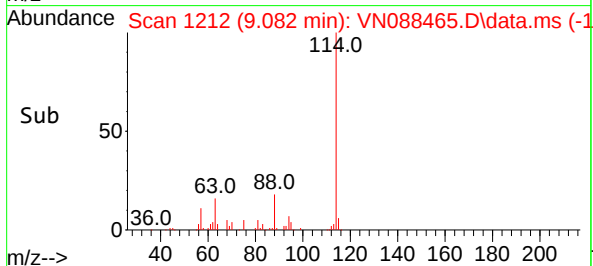
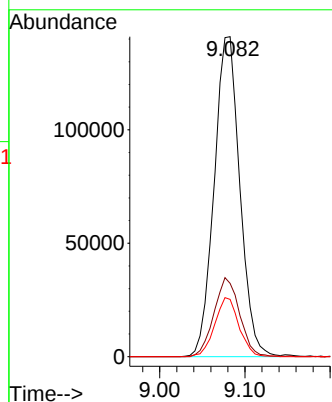
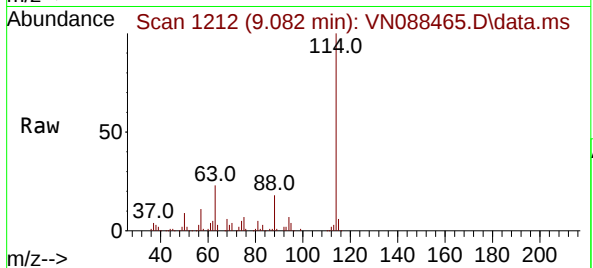
Tgt Ion:114 Resp: 295792

Ion Ratio Lower Upper

114 100

63 24.6 18.9 28.3

88 17.4 12.8 19.2



#29

1,1-Dichloropropene

Concen: 21.002 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088465.D

Acq: 05 Dec 2025 10:06

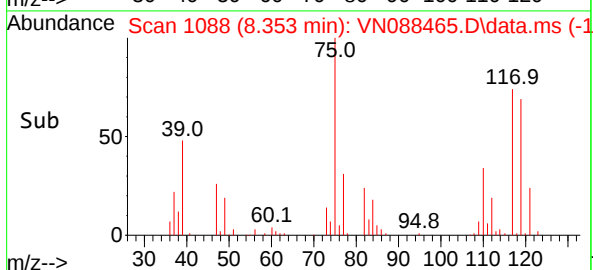
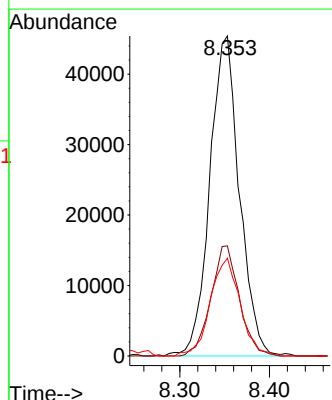
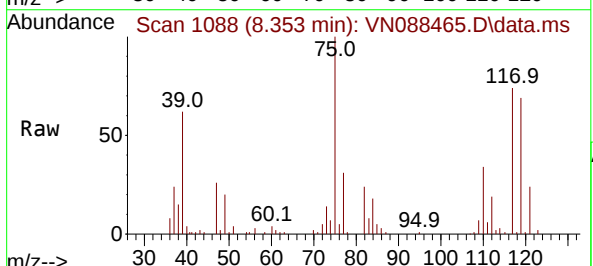
Tgt Ion: 75 Resp: 103655

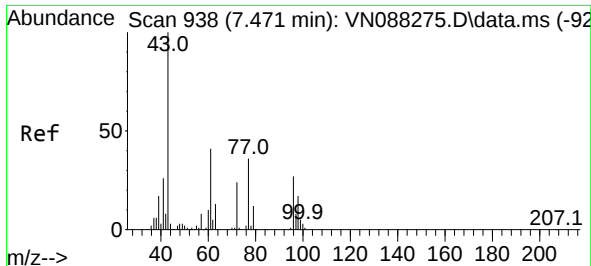
Ion Ratio Lower Upper

75 100

110 33.1 0.0 65.6

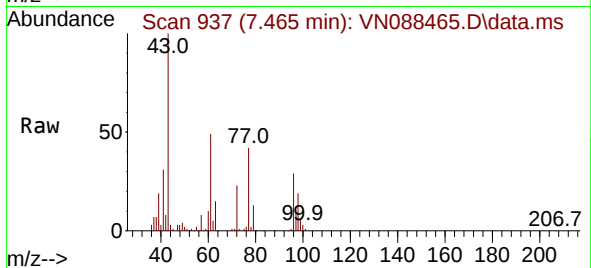
77 30.9 0.0 60.8



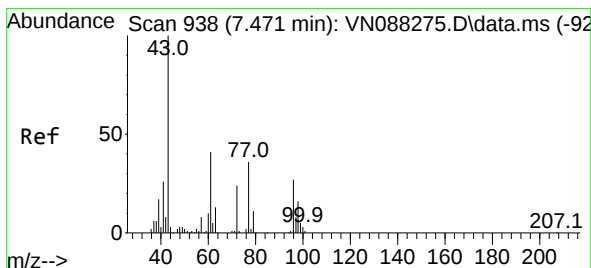
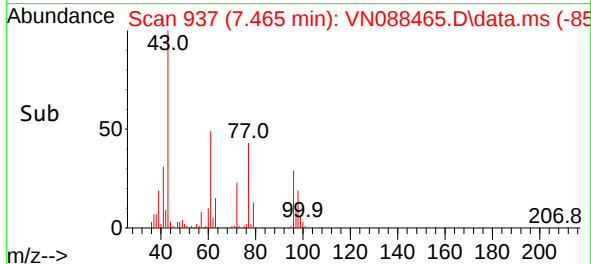
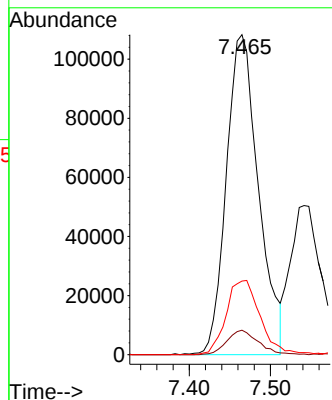


#30
2-Butanone
Concen: 93.591 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

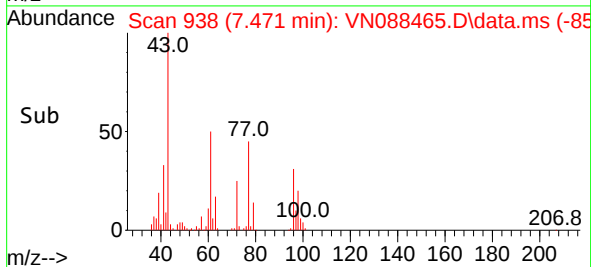
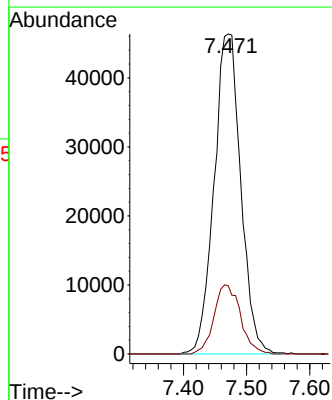
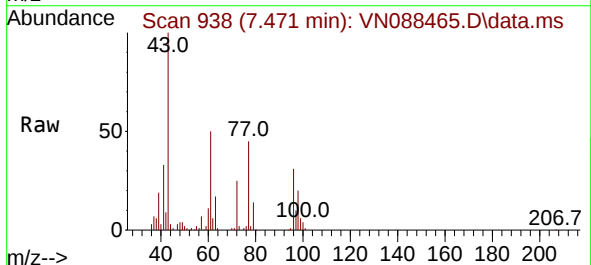


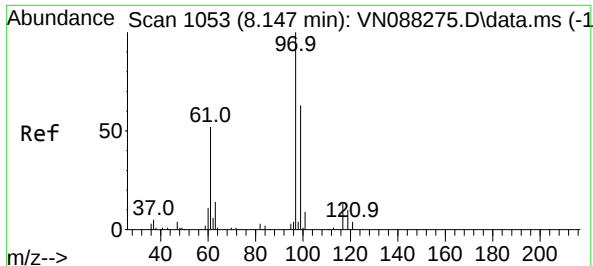
Tgt Ion: 43 Resp: 298792
Ion Ratio Lower Upper
43 100
57 7.5 6.2 9.4
72 24.4 19.4 29.2



#31
2,2-Dichloropropane
Concen: 22.361 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 77 Resp: 136120
Ion Ratio Lower Upper
77 100
97 21.4 16.8 25.2





#32

1,1,1-Trichloroethane

Concen: 22.669 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN088465.D

Acq: 05 Dec 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

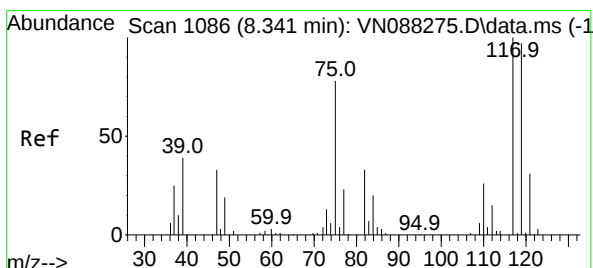
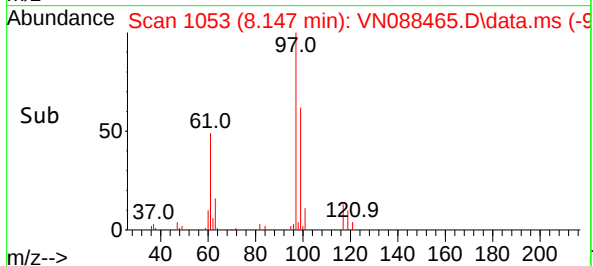
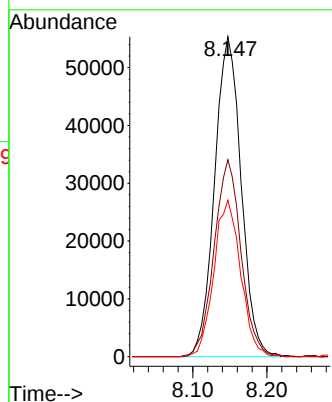
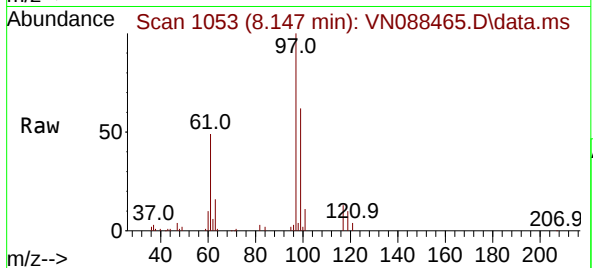
Tgt Ion: 97 Resp: 137921

Ion Ratio Lower Upper

97 100

99 62.2 50.2 75.4

61 49.2 39.8 59.8



#33

Carbon Tetrachloride

Concen: 21.410 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VN088465.D

Acq: 05 Dec 2025 10:06

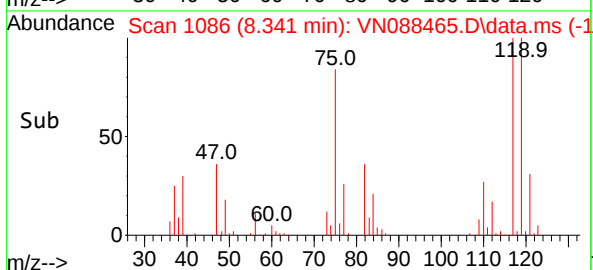
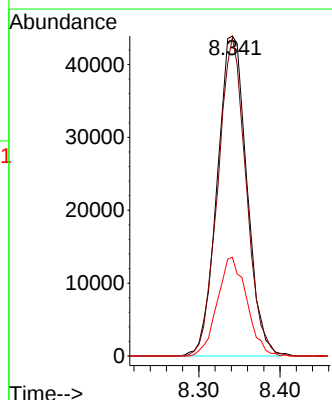
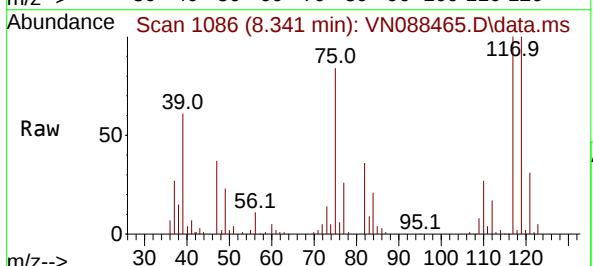
Tgt Ion: 117 Resp: 111235

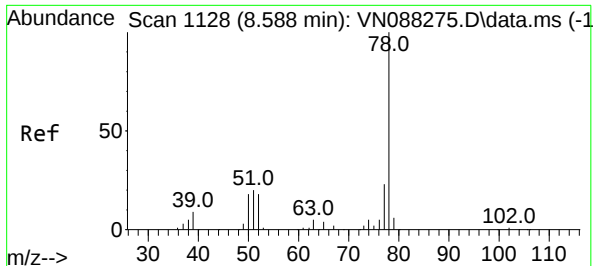
Ion Ratio Lower Upper

117 100

119 99.5 77.8 116.8

121 30.8 24.5 36.7

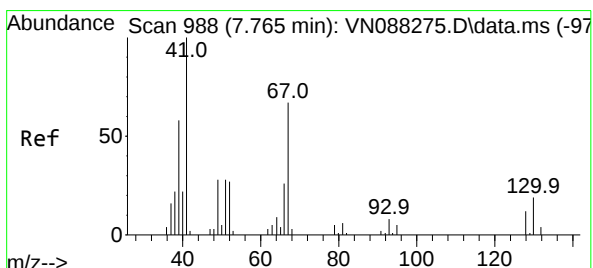
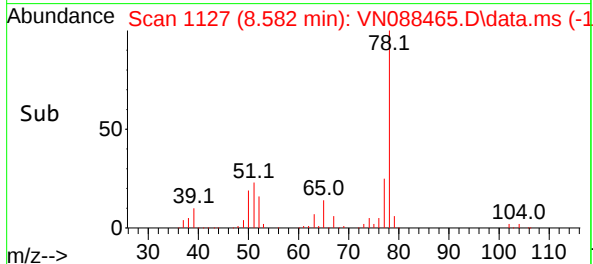
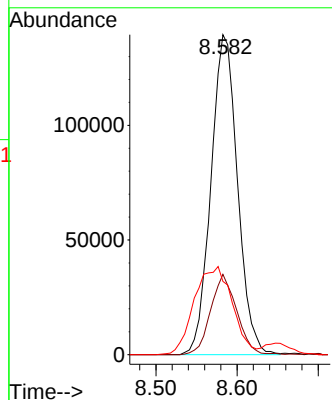
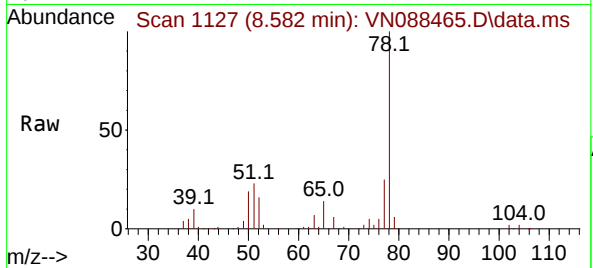




#34
Benzene
Concen: 21.543 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

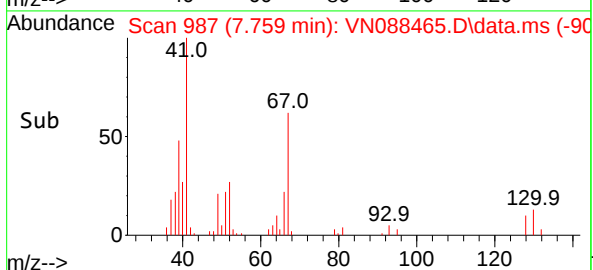
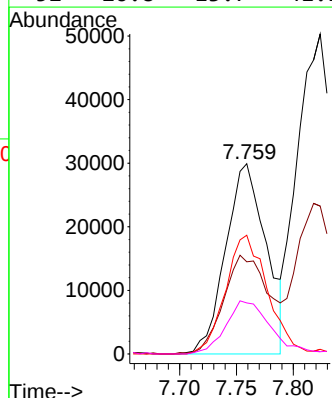
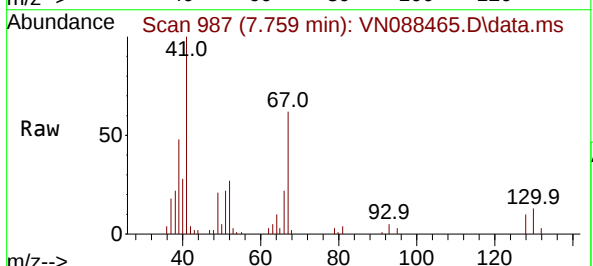
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

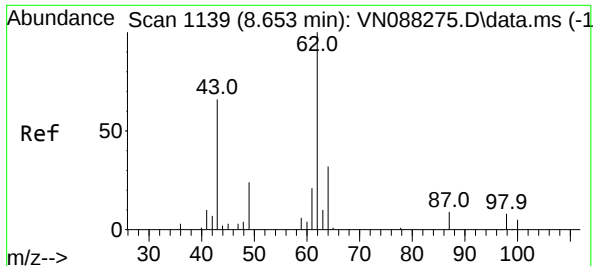
Tgt Ion: 78 Resp: 317818
Ion Ratio Lower Upper
78 100
77 25.1 18.6 27.8
51 19.4 15.8 23.8



#35
Methacrylonitrile
Concen: 22.295 ug/l
RT: 7.759 min Scan# 987
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 41 Resp: 74244
Ion Ratio Lower Upper
41 100
39 47.7 29.0 87.0
67 62.4 33.3 99.9
52 26.8 13.7 41.1





#36

1,2-Dichloroethane

Concen: 23.055 ug/l

RT: 8.647 min Scan# 1139

Delta R.T. -0.006 min

Lab File: VN088465.D

Acq: 05 Dec 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

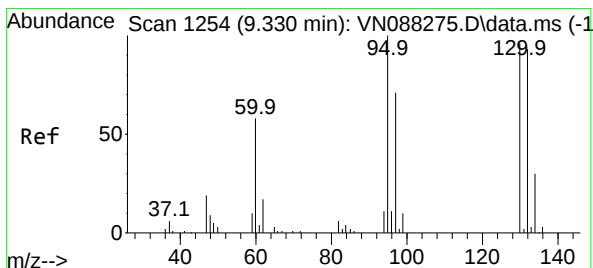
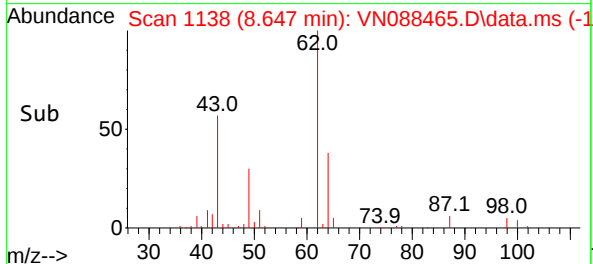
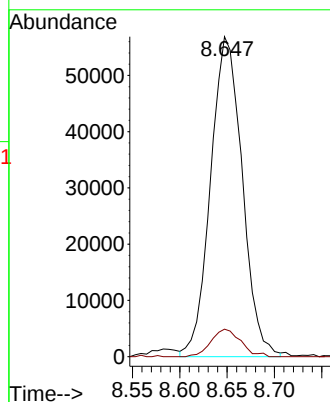
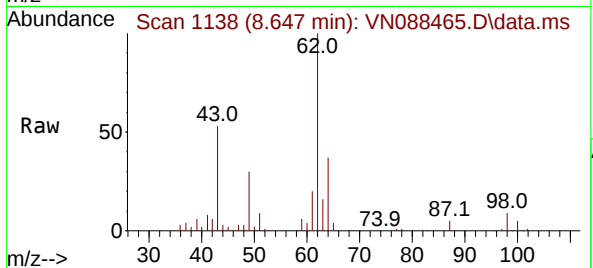
VN1205WBSD01

Tgt Ion: 62 Resp: 132365

Ion Ratio Lower Upper

62 100

98 7.9 6.8 10.2



#37

Trichloroethene

Concen: 21.534 ug/l

RT: 9.329 min Scan# 1254

Delta R.T. -0.000 min

Lab File: VN088465.D

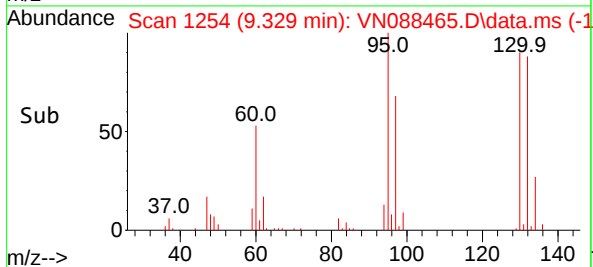
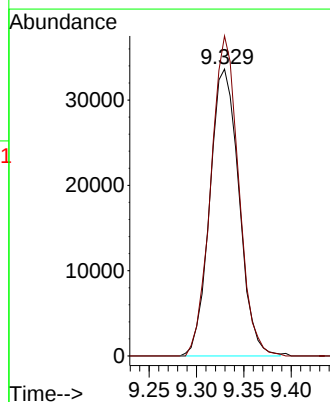
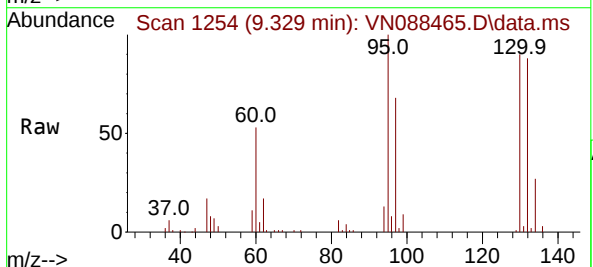
Acq: 05 Dec 2025 10:06

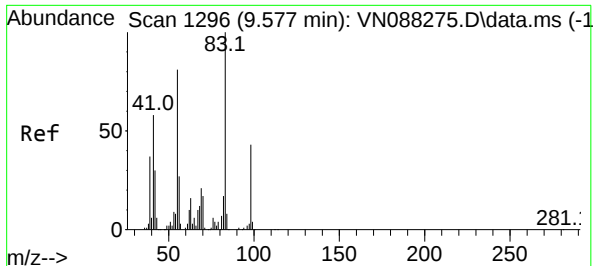
Tgt Ion:130 Resp: 71992

Ion Ratio Lower Upper

130 100

95 111.6 83.7 125.5

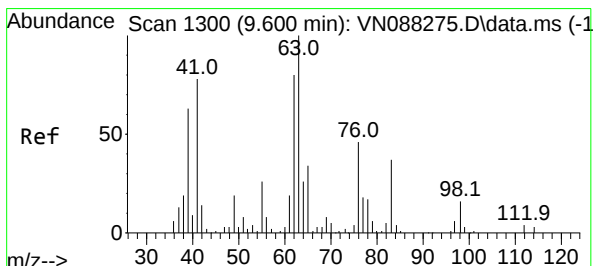
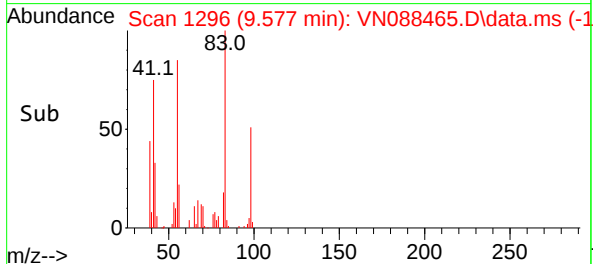
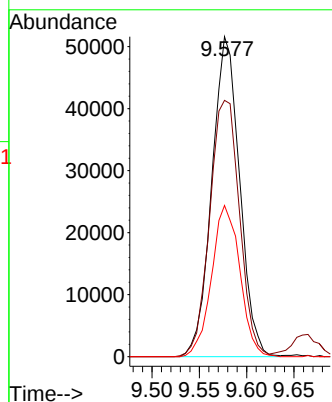
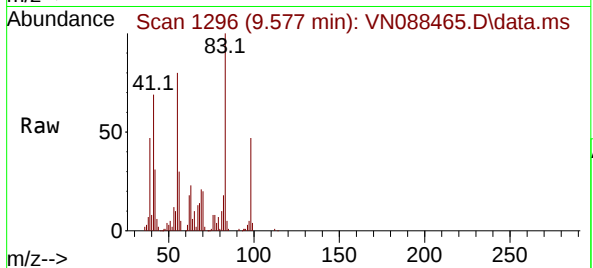




#38
Methylcyclohexane
Concen: 18.613 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

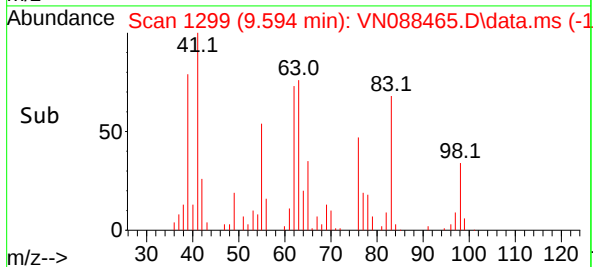
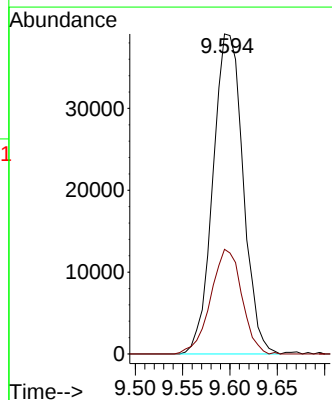
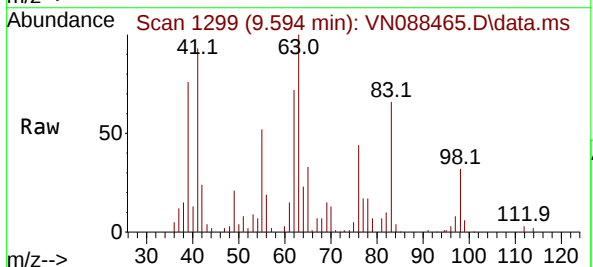
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

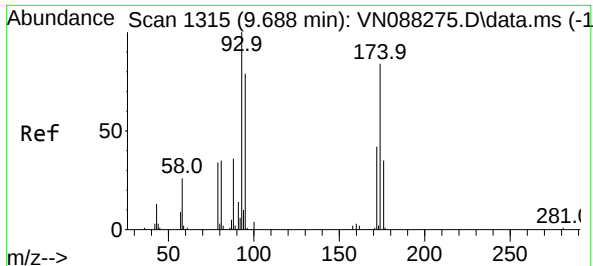
Tgt Ion: 83 Resp: 105316
Ion Ratio Lower Upper
83 100
55 85.9 40.8 122.5
98 48.0 23.4 70.3



#39
1,2-Dichloropropane
Concen: 22.732 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 63 Resp: 86522
Ion Ratio Lower Upper
63 100
65 32.7 27.8 41.6

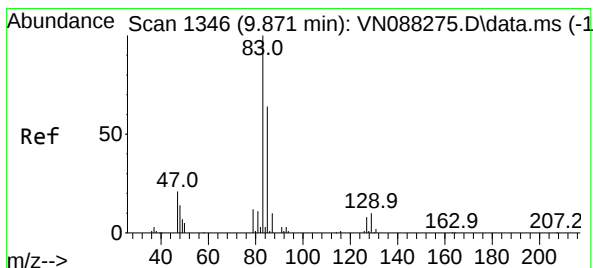
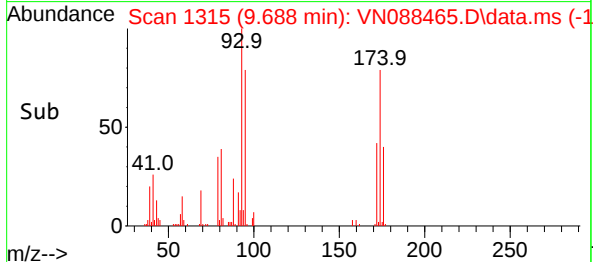
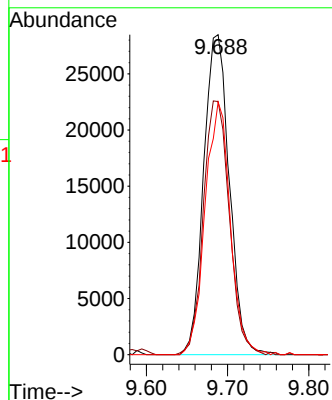
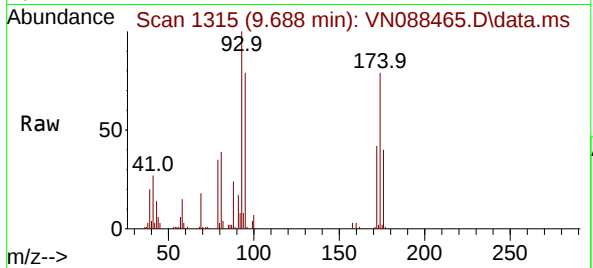




#40
Dibromomethane
Concen: 22.907 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

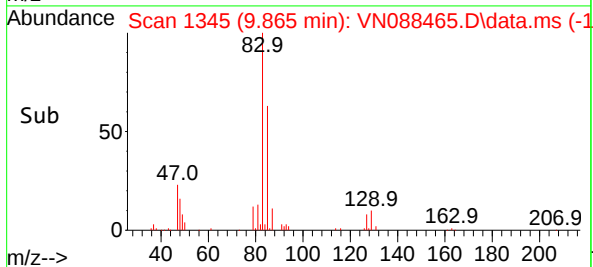
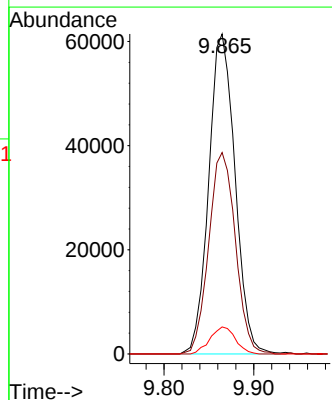
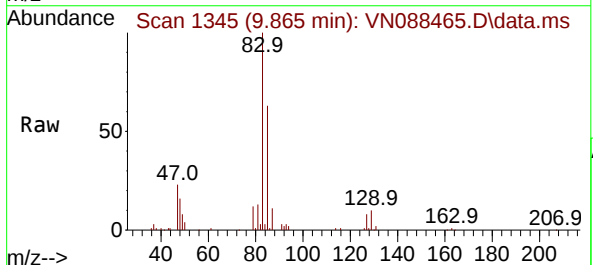
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

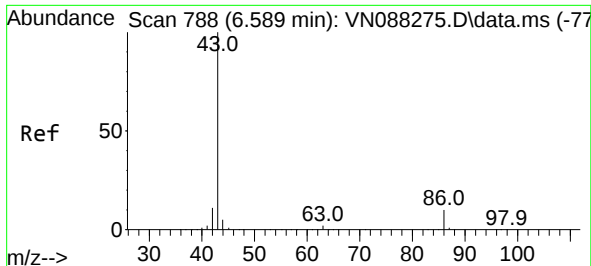
Tgt Ion: 93 Resp: 62642
Ion Ratio Lower Upper
93 100
95 79.8 0.0 161.6
174 77.1 0.0 158.2



#41
Bromodichloromethane
Concen: 22.727 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 83 Resp: 125111
Ion Ratio Lower Upper
83 100
85 62.9 51.4 77.2
127 8.5 6.4 9.6





#42

Vinyl Acetate

Concen: 107.862 ug/l

RT: 6.588 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN088465.D

Acq: 05 Dec 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

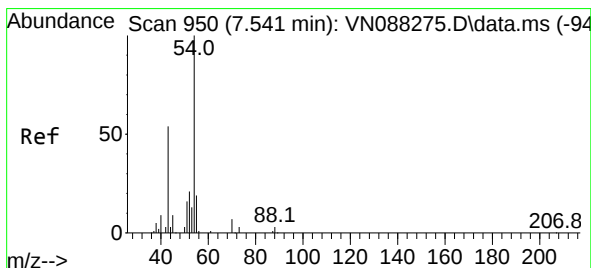
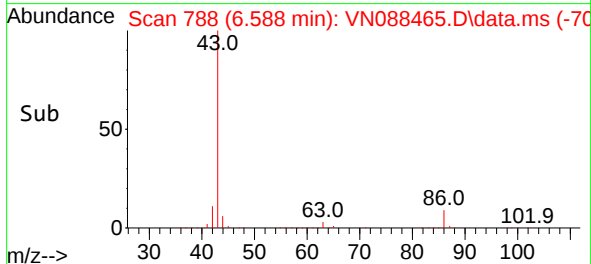
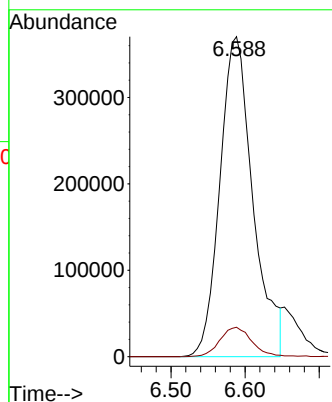
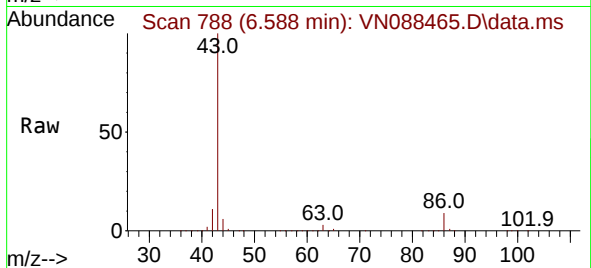
VN1205WBSD01

Tgt Ion: 43 Resp: 1149316

Ion Ratio Lower Upper

43 100

86 8.9 7.4 11.2



#43

Ethyl Acetate

Concen: 20.434 ug/l

RT: 7.541 min Scan# 950

Delta R.T. -0.000 min

Lab File: VN088465.D

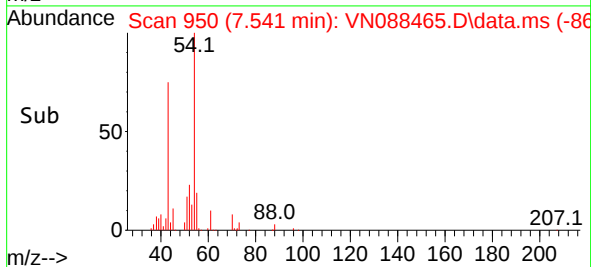
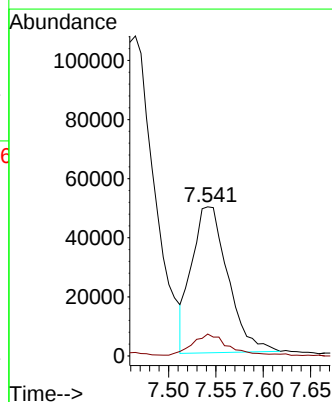
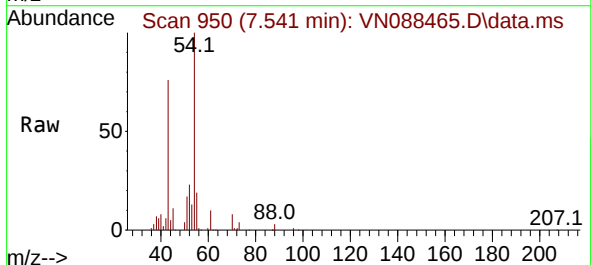
Acq: 05 Dec 2025 10:06

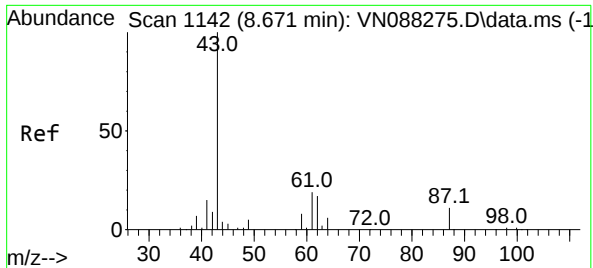
Tgt Ion: 43 Resp: 131258

Ion Ratio Lower Upper

43 100

45 13.8 9.9 14.9

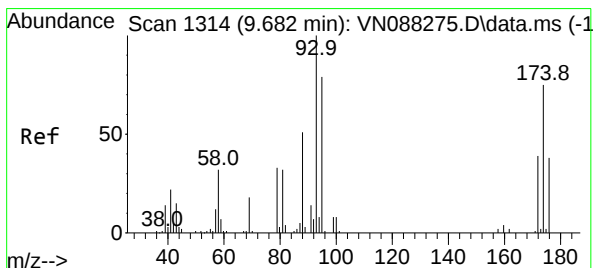
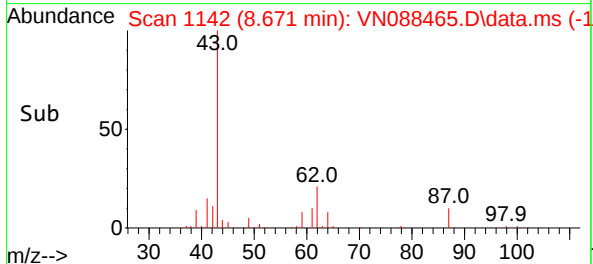
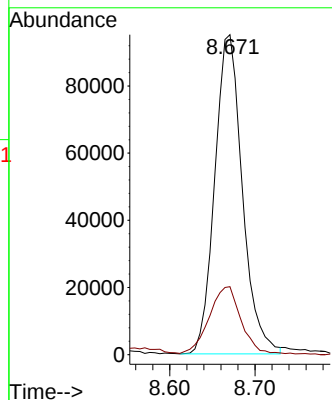
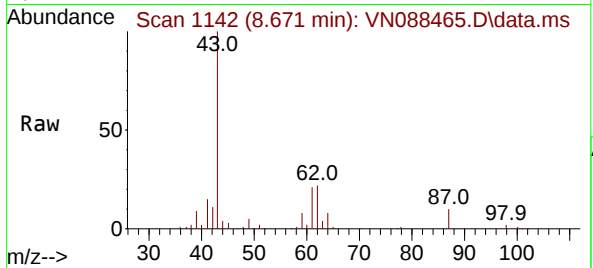




#44
Isopropyl Acetate
Concen: 21.627 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

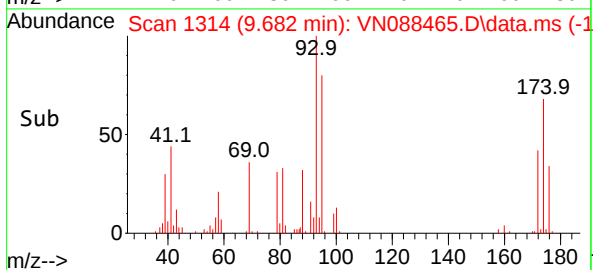
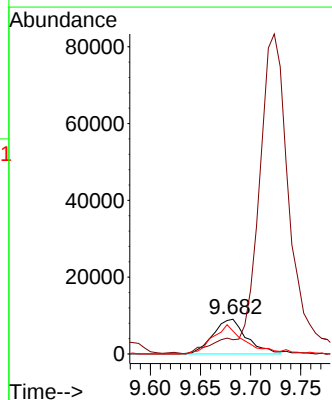
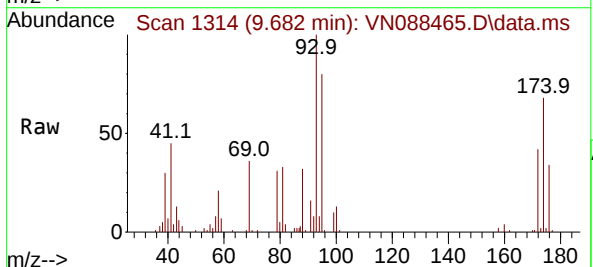
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

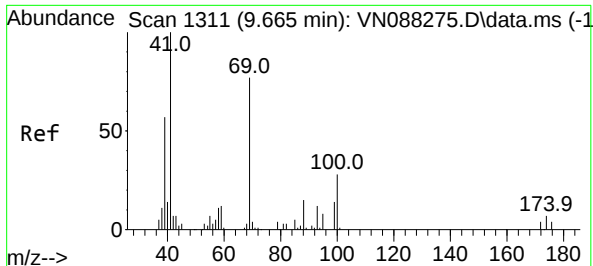
Tgt Ion: 43 Resp: 214097
Ion Ratio Lower Upper
43 100
61 24.3 19.0 28.6



#45
1,4-Dioxane
Concen: 355.389 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 88 Resp: 21186
Ion Ratio Lower Upper
88 100
43 34.6 27.8 41.8
58 73.9 59.5 89.3





#46

Methyl methacrylate

Concen: 19.921 ug/l

RT: 9.659 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088465.D

Acq: 05 Dec 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

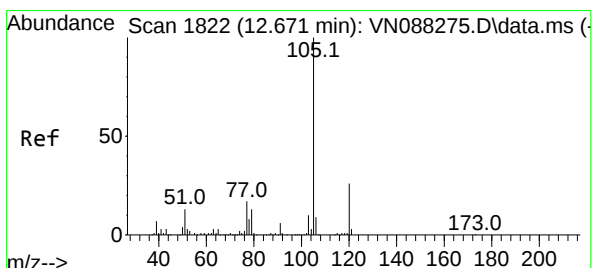
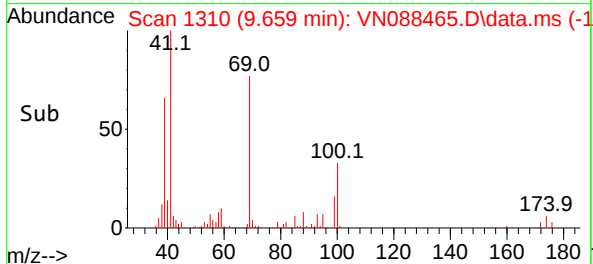
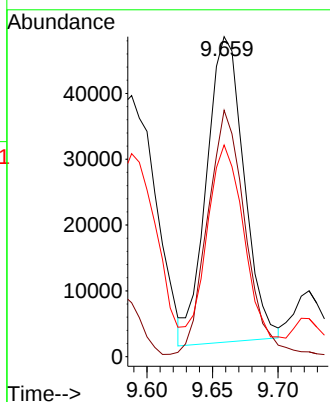
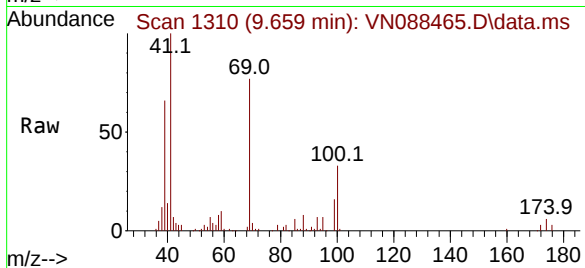
Tgt Ion: 41 Resp: 92284

Ion Ratio Lower Upper

41 100

69 82.6 38.5 115.3

39 65.8 29.0 87.1



#47

n-amy1 Acetate

Concen: 2.580 ug/l

RT: 12.682 min Scan# 1824

Delta R.T. 0.012 min

Lab File: VN088465.D

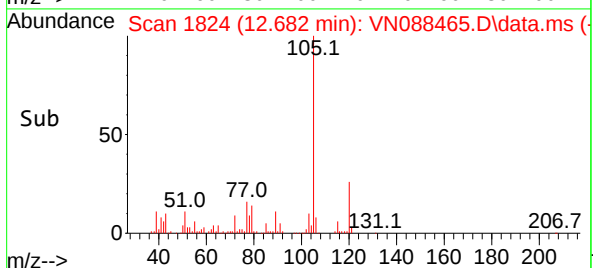
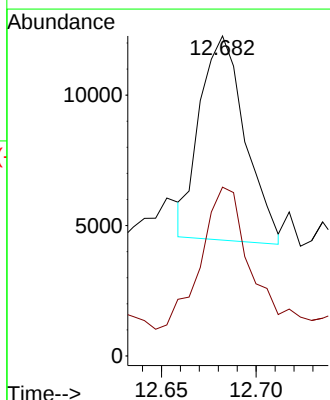
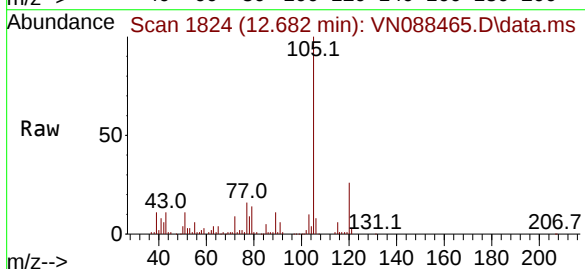
Acq: 05 Dec 2025 10:06

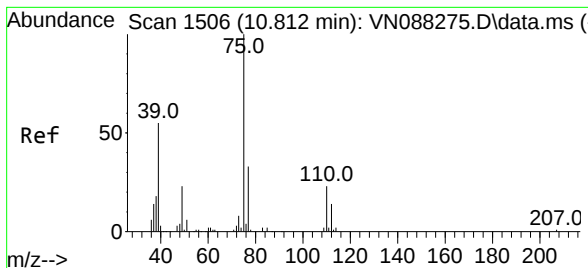
Tgt Ion: 43 Resp: 12941

Ion Ratio Lower Upper

43 100

55 73.7 0.0 0.0#

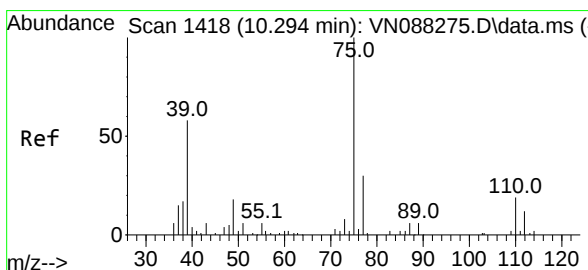
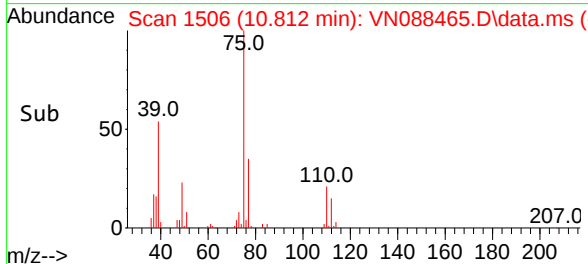
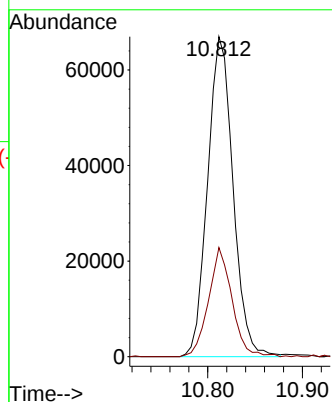
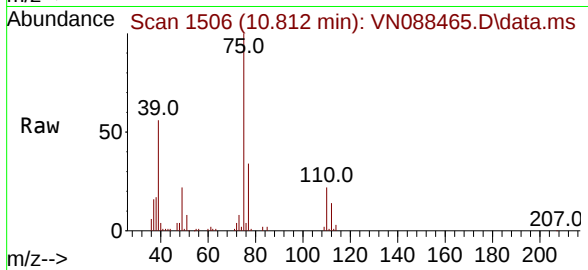




#48
 t-1,3-Dichloropropene
 Concen: 21.220 ug/l
 RT: 10.812 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: VN088465.D
 Acq: 05 Dec 2025 10:06

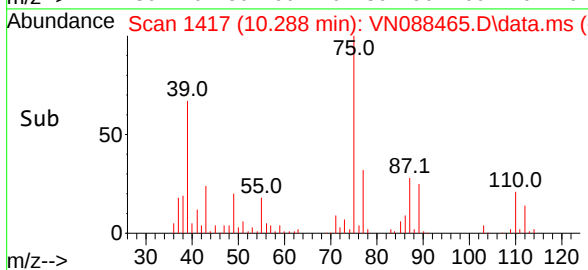
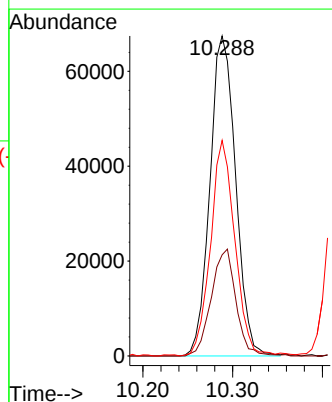
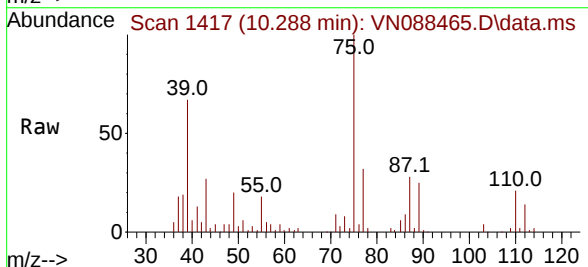
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

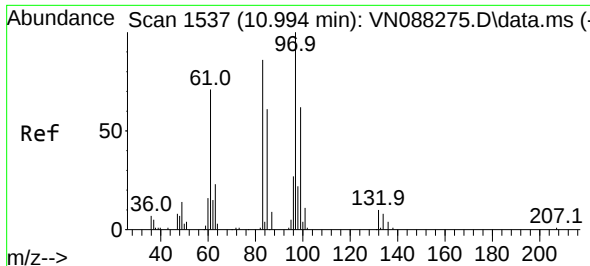
Tgt Ion: 75 Resp: 124941
 Ion Ratio Lower Upper
 75 100
 77 34.1 26.1 39.1



#49
 cis-1,3-Dichloropropene
 Concen: 21.881 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VN088465.D
 Acq: 05 Dec 2025 10:06

Tgt Ion: 75 Resp: 134047
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.4 36.6
 39 67.4 46.1 69.1

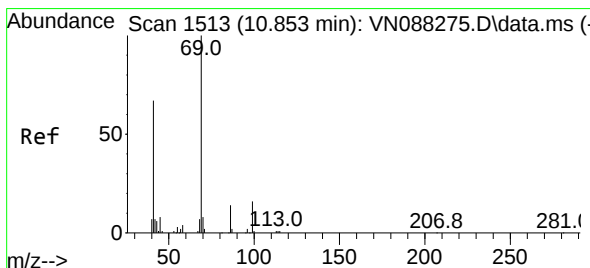
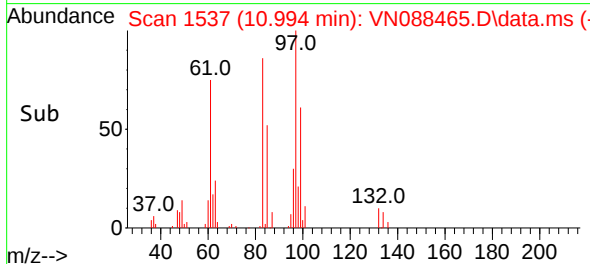
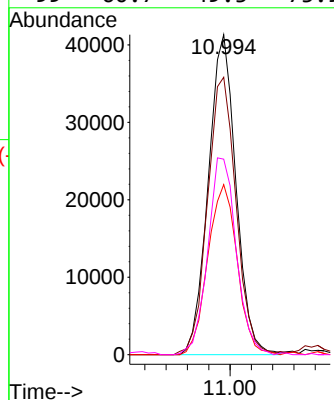
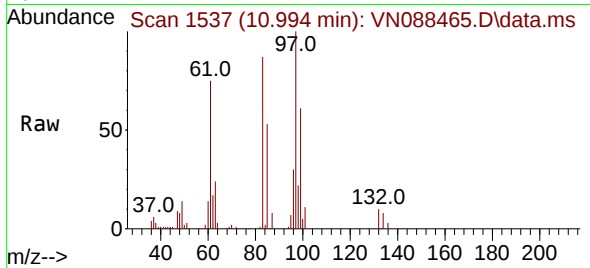




#50
1,1,2-Trichloroethane
Concen: 22.018 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

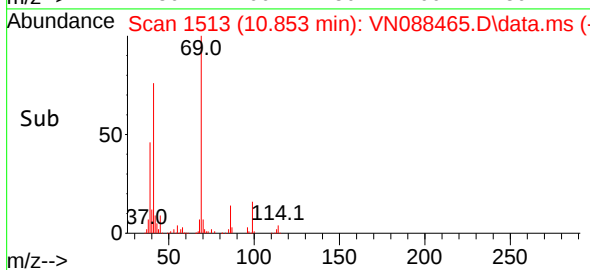
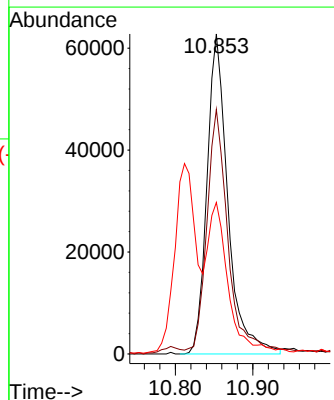
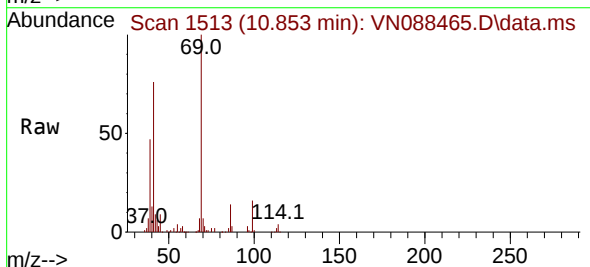
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

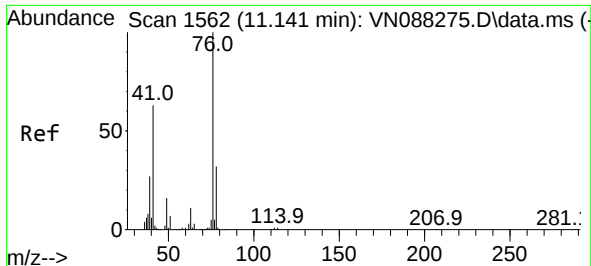
Tgt Ion:	97	Resp:	74451
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.6	102.8
85	53.2	49.0	73.6
99	60.7	49.3	73.9



#51
Ethyl methacrylate
Concen: 21.159 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion:	69	Resp:	117713
Ion	Ratio	Lower	Upper
69	100		
41	75.0	33.6	100.8
39	45.8	23.4	70.2

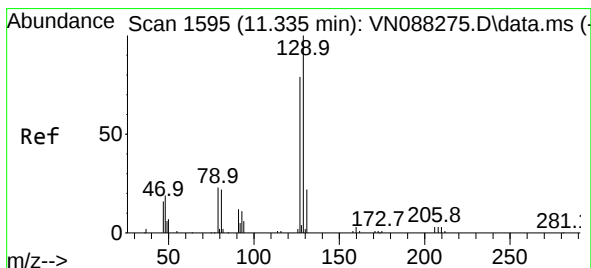
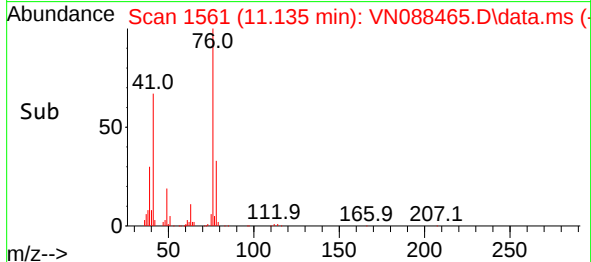
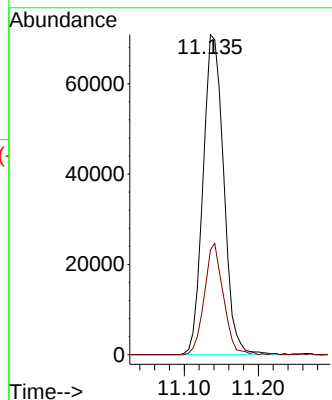
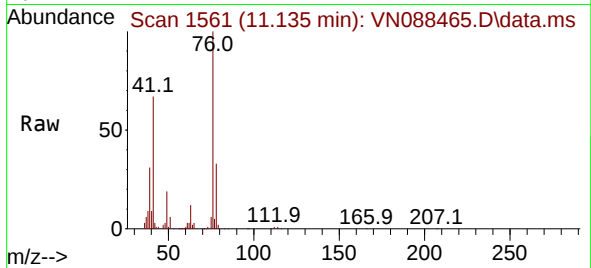




#52
1,3-Dichloropropane
Concen: 22.278 ug/l
RT: 11.135 min Scan# 1561
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

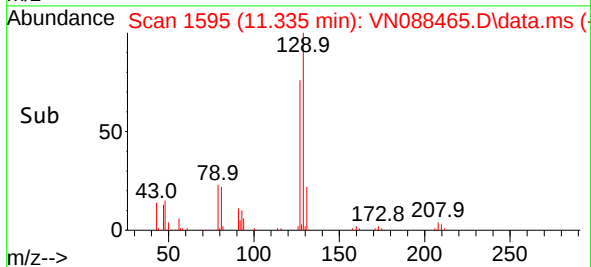
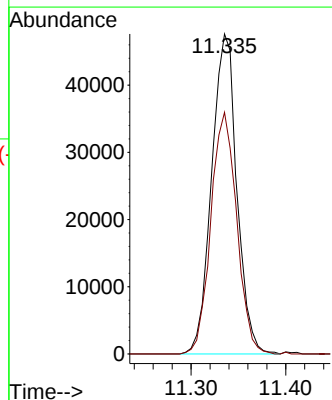
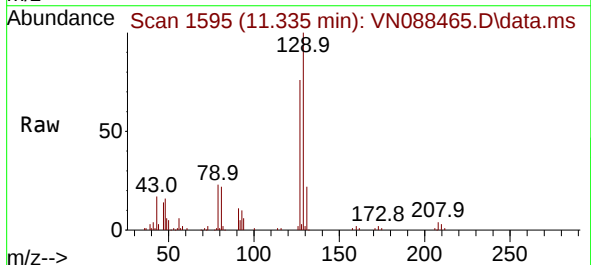
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

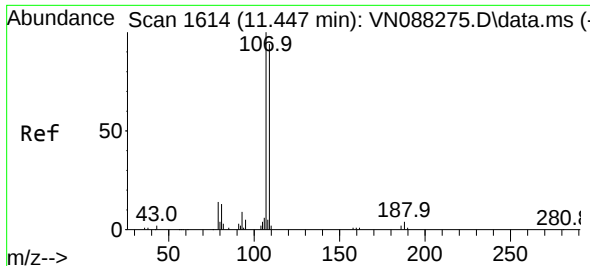
Tgt Ion: 76 Resp: 137190
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.2



#53
Dibromochloromethane
Concen: 22.683 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 129 Resp: 88103
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6

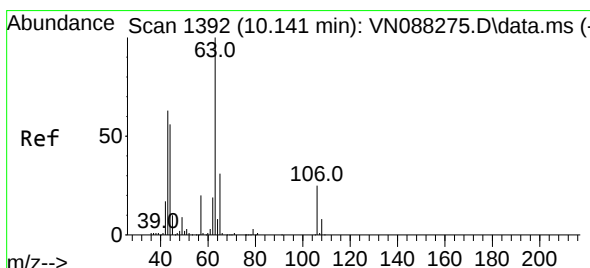
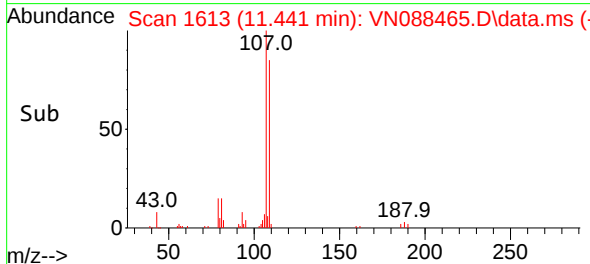
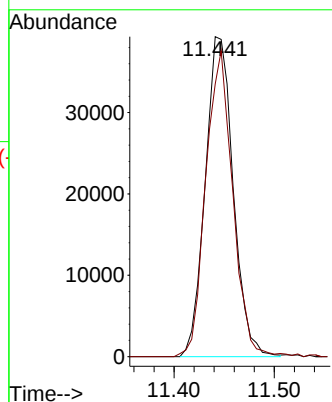
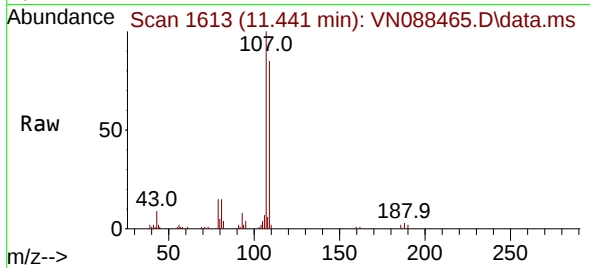




#54
1,2-Dibromoethane
Concen: 21.752 ug/l
RT: 11.441 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

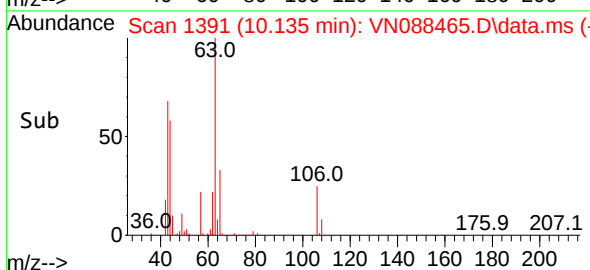
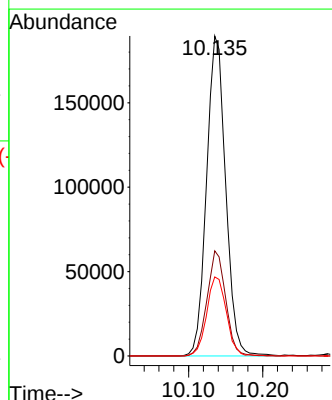
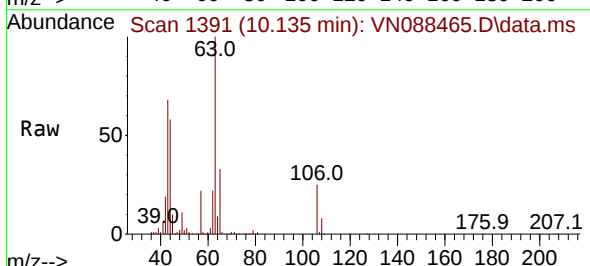
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

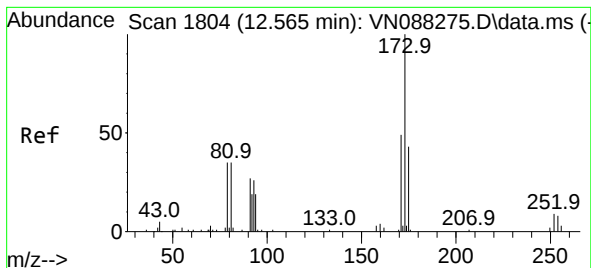
Tgt Ion:107 Resp: 76424
Ion Ratio Lower Upper
107 100
109 91.8 76.6 115.0



#55
2-Chloroethyl vinyl ether
Concen: 105.929 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 63 Resp: 339470
Ion Ratio Lower Upper
63 100
65 32.1 24.9 37.3
106 25.3 20.3 30.5

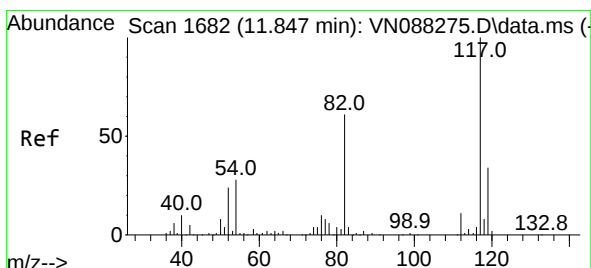
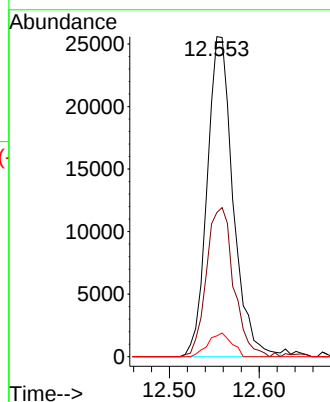
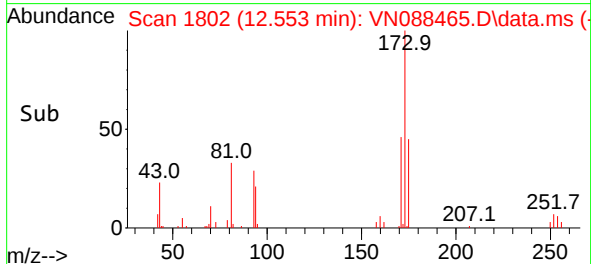
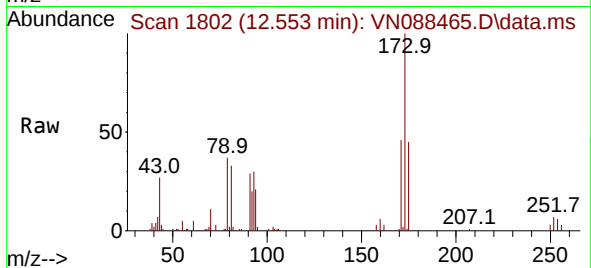




#56
Bromoform
Concen: 20.910 ug/l
RT: 12.553 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

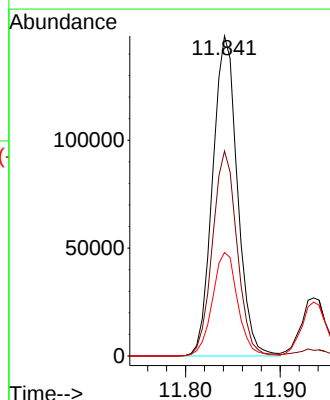
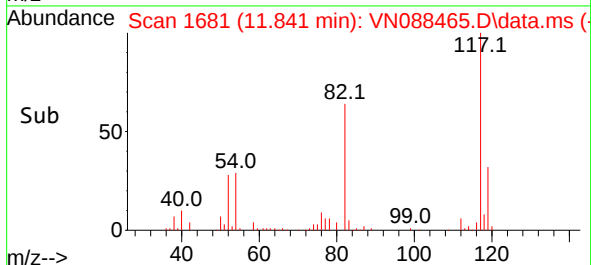
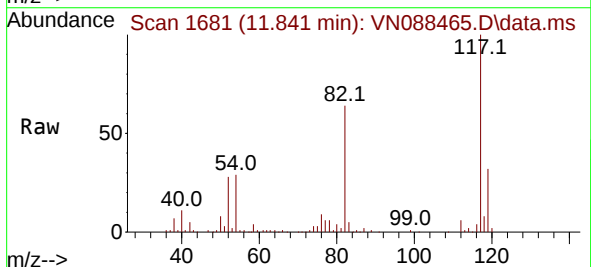
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

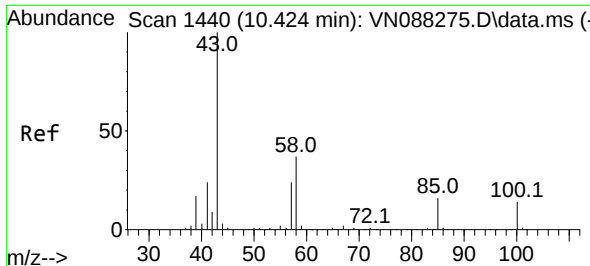
Tgt Ion:173 Resp: 51407
Ion Ratio Lower Upper
173 100
175 48.9 37.7 56.5
254 6.7 5.9 8.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion:117 Resp: 269874
Ion Ratio Lower Upper
117 100
82 63.6 49.3 73.9
119 33.0 26.4 39.6

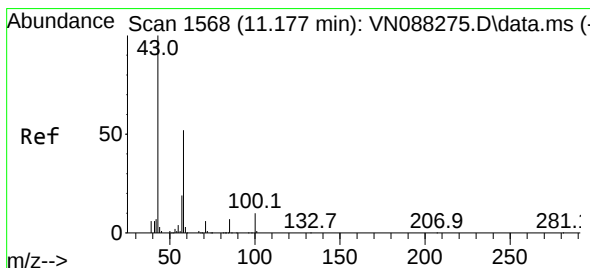
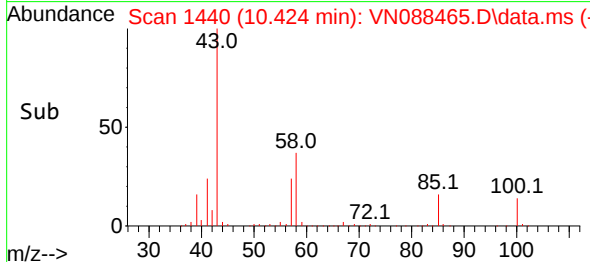
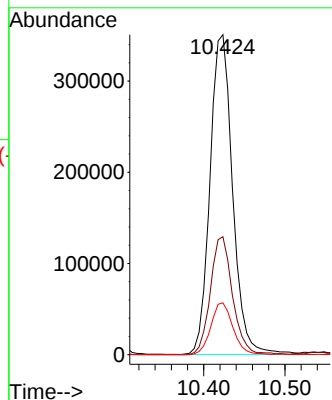
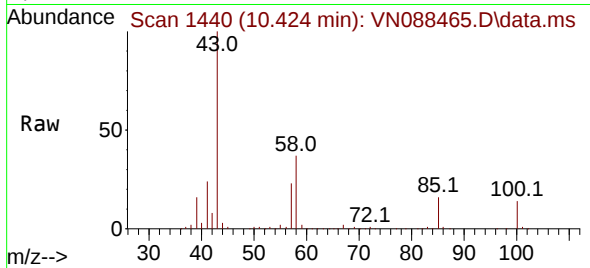




#58
4-Methyl-2-Pentanone
Concen: 110.958 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

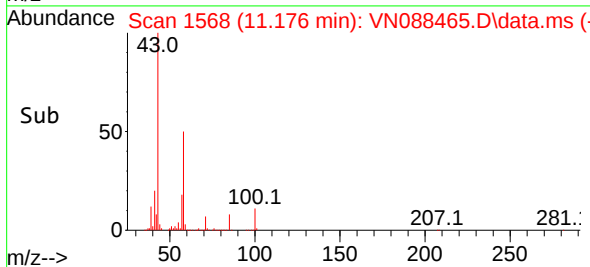
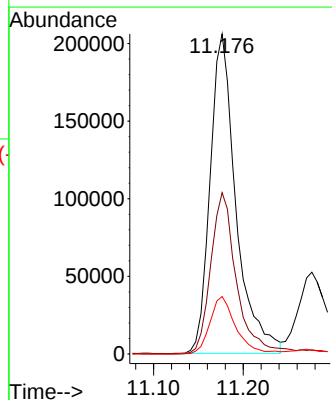
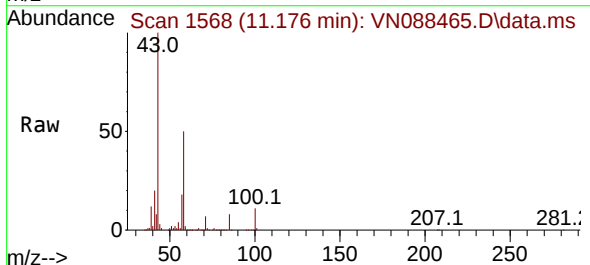
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

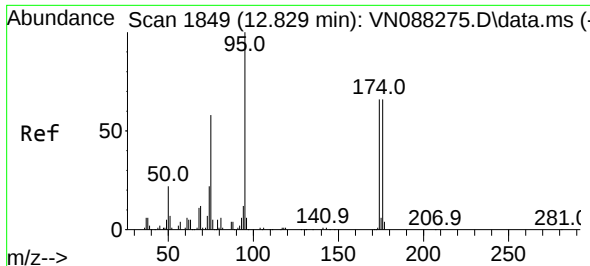
Tgt Ion:	43	Resp:	677277
Ion	Ratio	Lower	Upper
43	100		
58	36.3	29.2	43.8
85	15.8	12.6	19.0



#59
2-Hexanone
Concen: 101.586 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion:	43	Resp:	411741
Ion	Ratio	Lower	Upper
43	100		
58	50.5	41.0	61.4
57	17.6	14.4	21.6

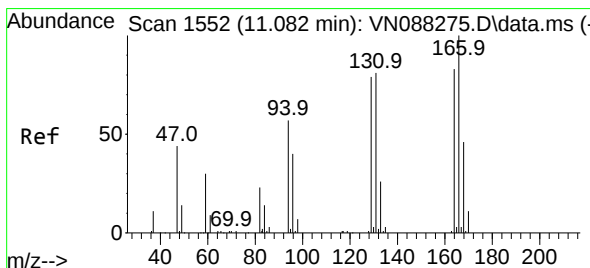
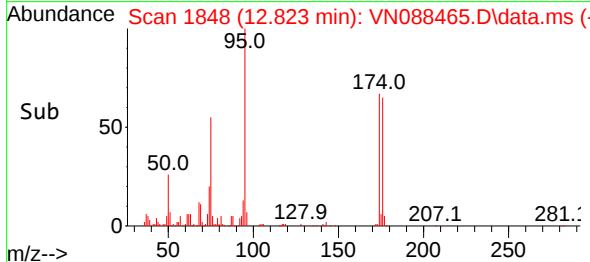
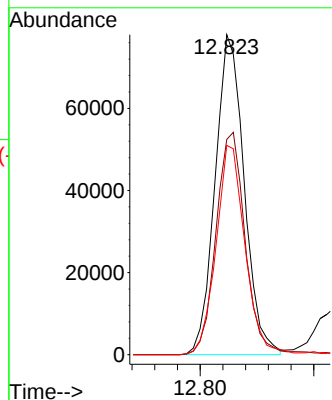
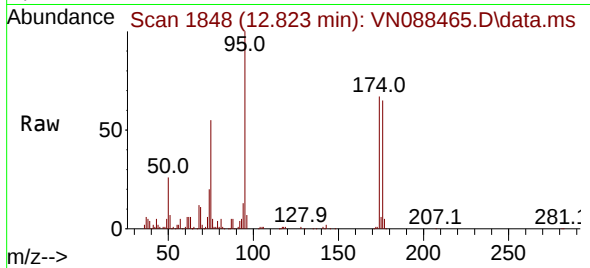




#60
4-Bromofluorobenzene
Concen: 30.355 ug/l
RT: 12.823 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

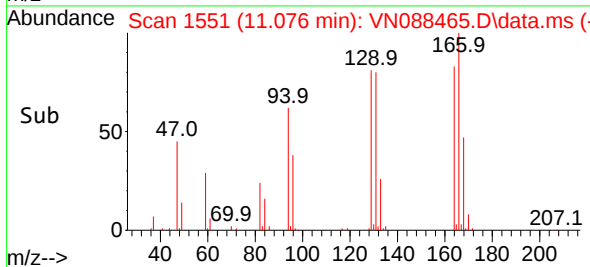
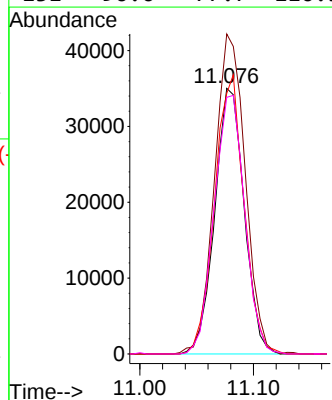
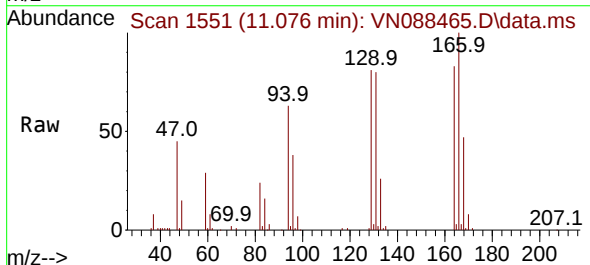
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

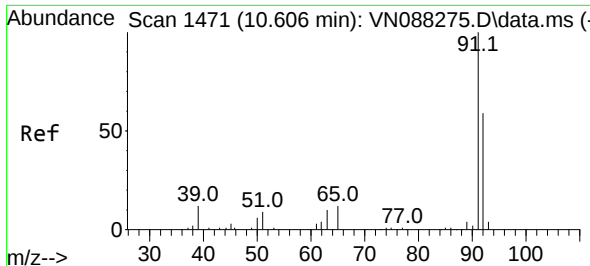
Tgt Ion: 95 Resp: 138483
Ion Ratio Lower Upper
95 100
174 69.4 54.5 81.7
176 65.0 53.8 80.6



#61
Tetrachloroethene
Concen: 22.636 ug/l
RT: 11.076 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion:164 Resp: 62982
Ion Ratio Lower Upper
164 100
166 120.5 96.3 144.5
129 98.1 76.2 114.2
131 96.6 77.7 116.5

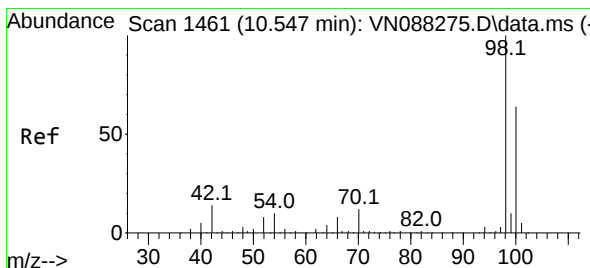
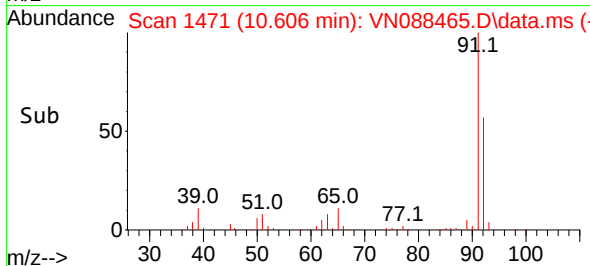
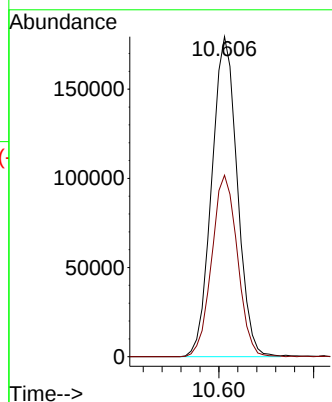
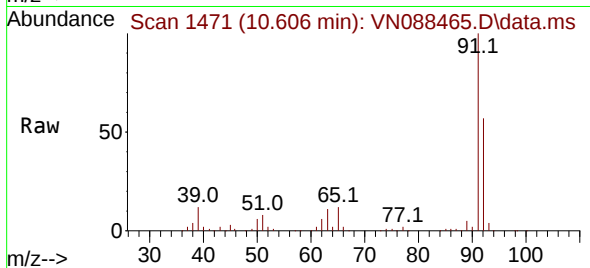




#62
Toluene
Concen: 21.696 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

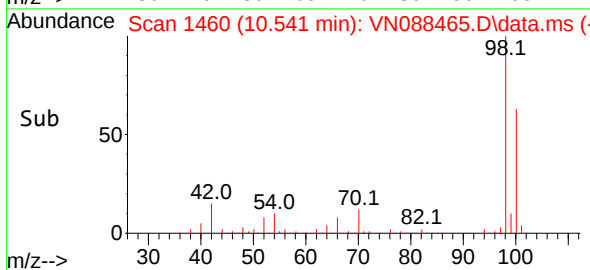
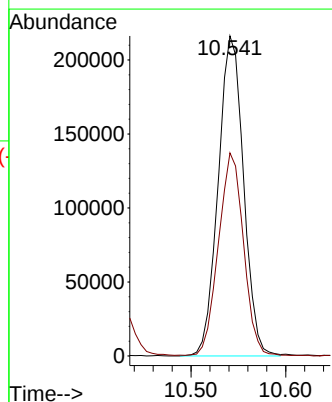
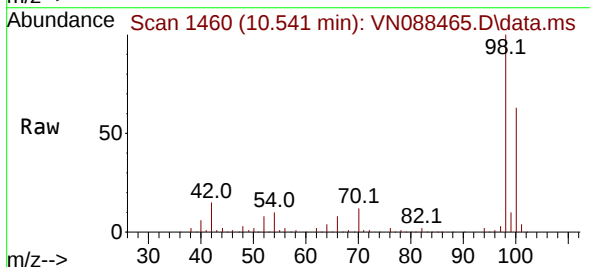
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

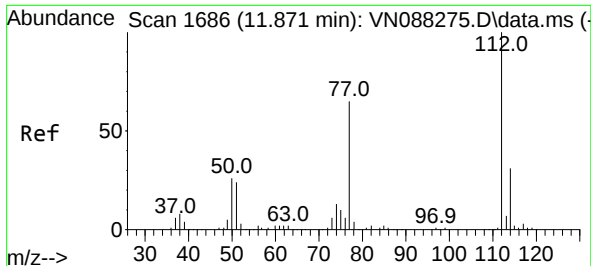
Tgt Ion: 91 Resp: 336006
Ion Ratio Lower Upper
91 100
92 56.9 46.7 70.1



#63
Toluene-d8
Concen: 31.517 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 98 Resp: 402691
Ion Ratio Lower Upper
98 100
100 63.0 51.6 77.4

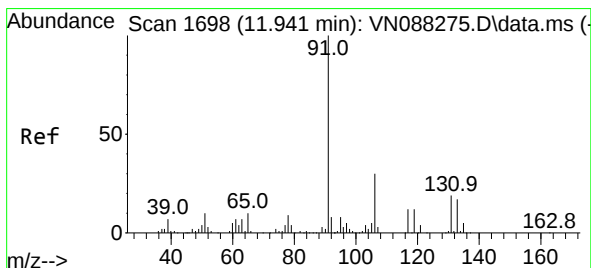
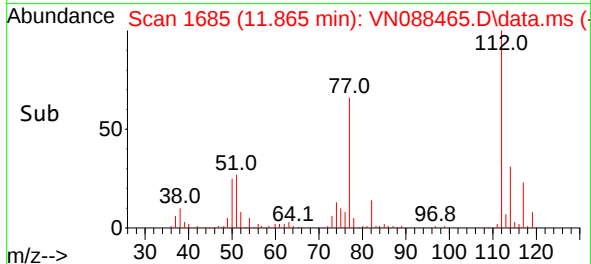
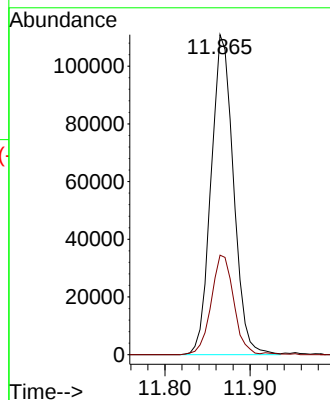
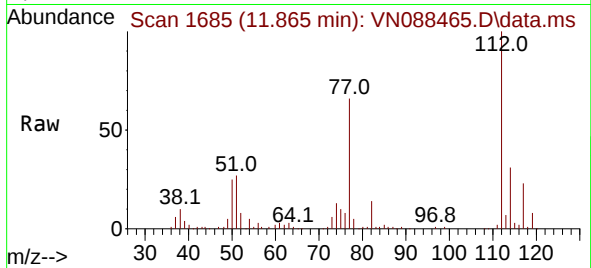




#64
Chlorobenzene
Concen: 21.134 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

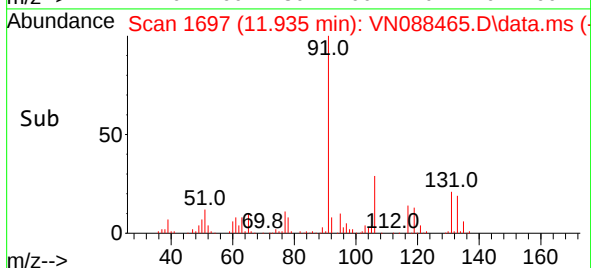
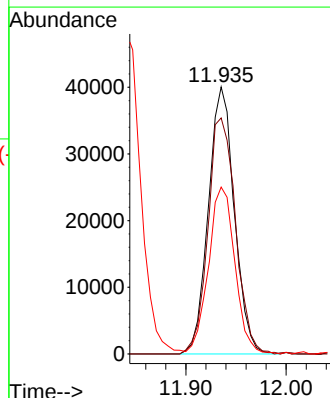
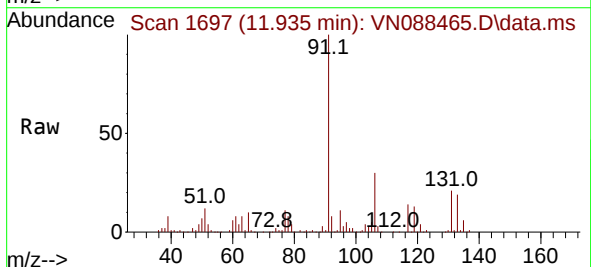
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

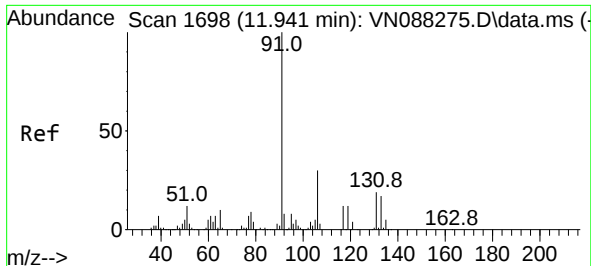
Tgt Ion:112 Resp: 202712
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4



#65
1,1,1,2-Tetrachloroethane
Concen: 21.966 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion:131 Resp: 72114
Ion Ratio Lower Upper
131 100
133 94.0 0.0 181.4
119 63.6 0.0 135.0

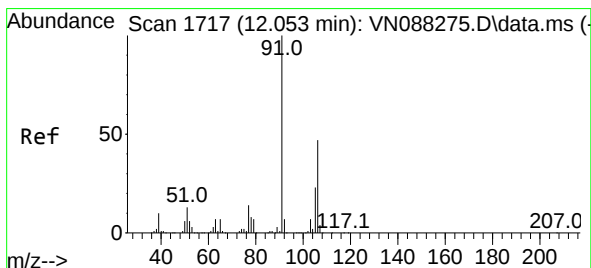
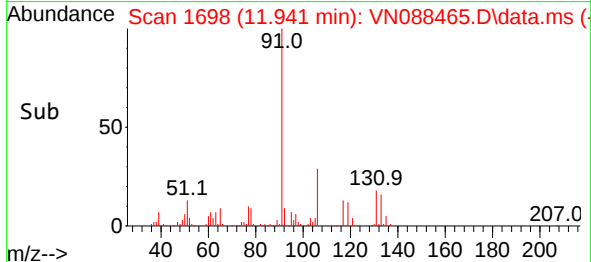
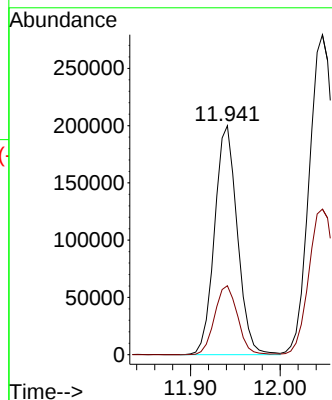
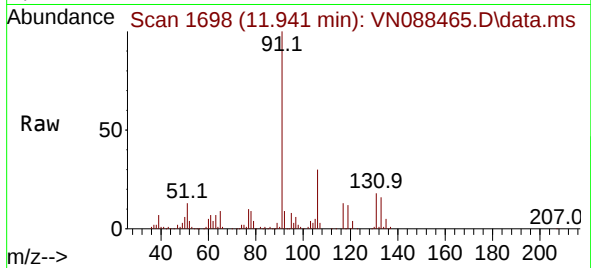




#66
Ethyl Benzene
Concen: 20.627 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

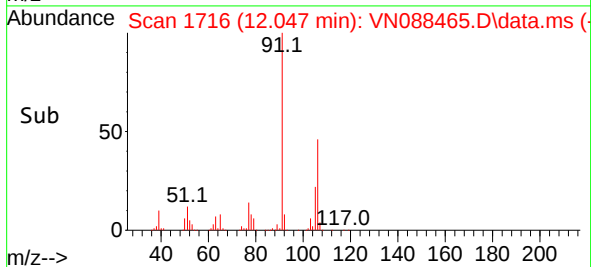
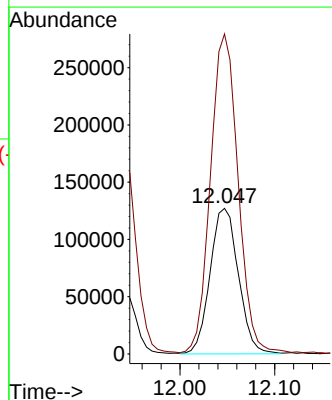
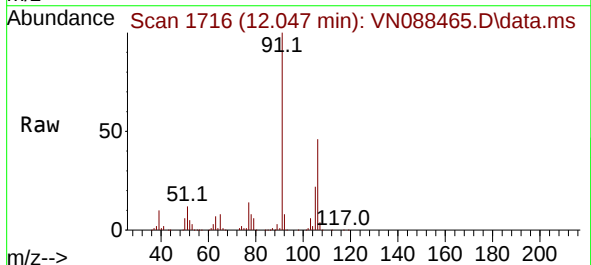
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

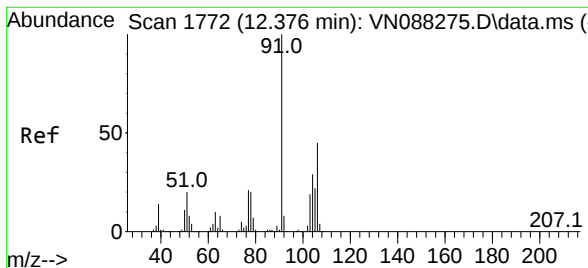
Tgt Ion: 91 Resp: 352085
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6



#67
m/p-Xylenes
Concen: 41.446 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 106 Resp: 264552
Ion Ratio Lower Upper
106 100
91 215.1 168.3 252.5

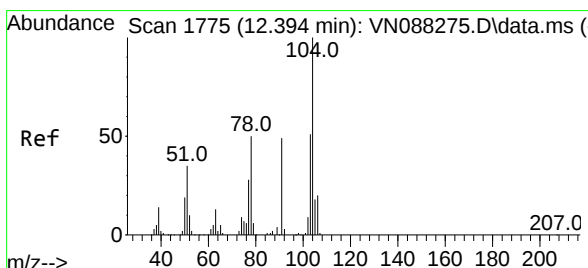
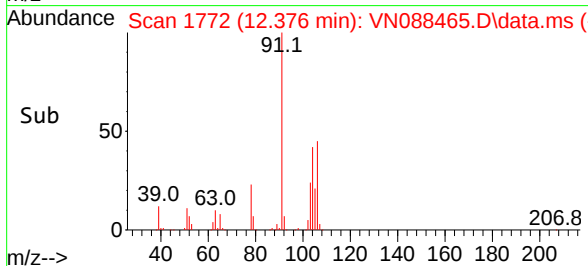
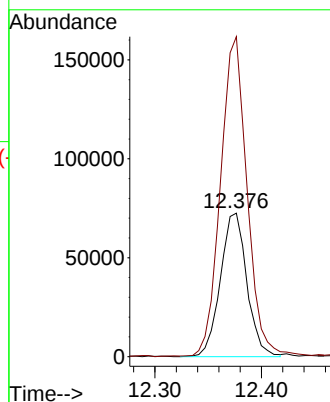
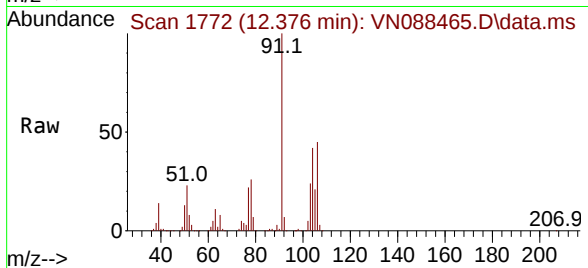




#68
o-Xylene
Concen: 20.798 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

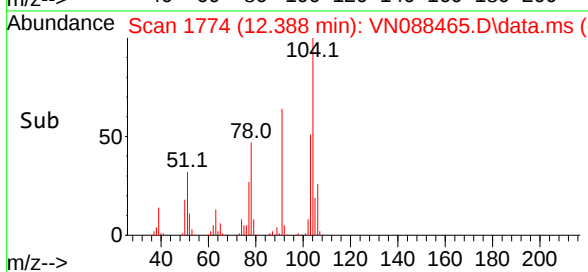
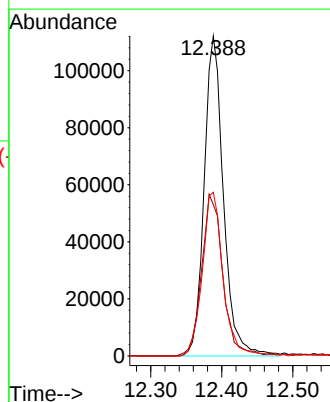
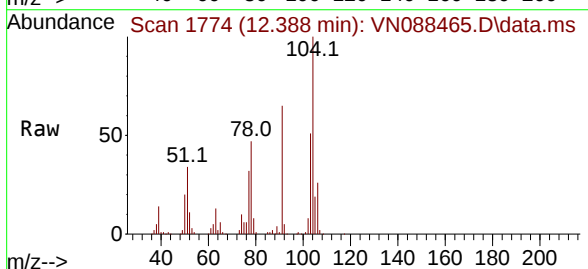
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

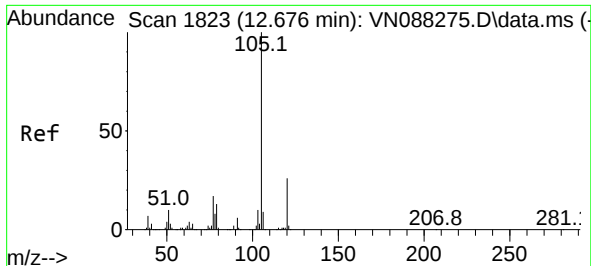
Tgt Ion:106 Resp: 125237
Ion Ratio Lower Upper
106 100
91 223.7 114.0 342.0



#69
Styrene
Concen: 20.782 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion:104 Resp: 212533
Ion Ratio Lower Upper
104 100
78 55.2 43.8 65.8
103 54.6 44.8 67.2

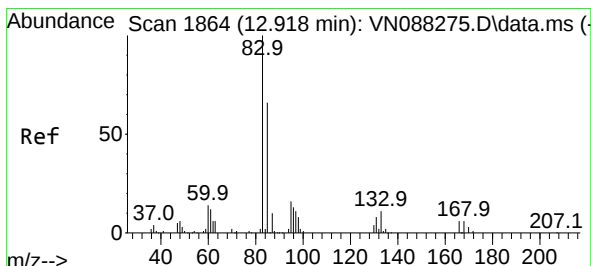
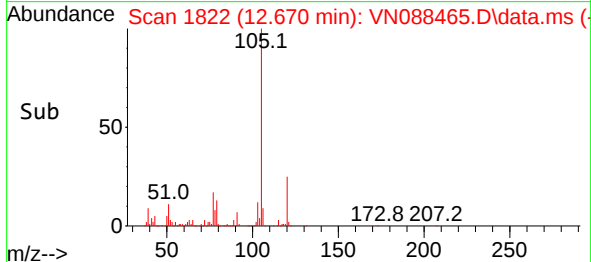
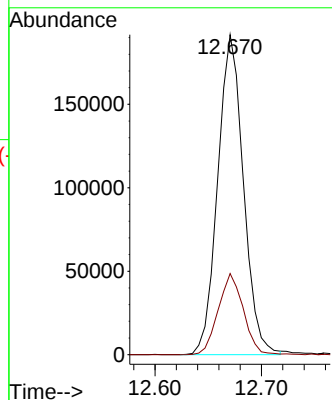
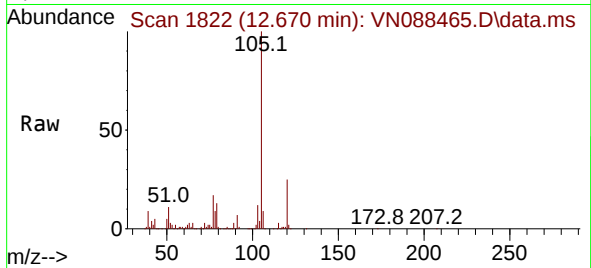




#70
Isopropylbenzene
Concen: 20.107 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

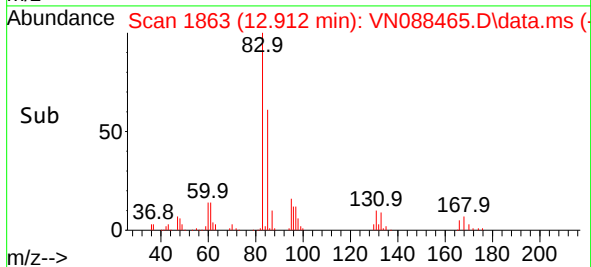
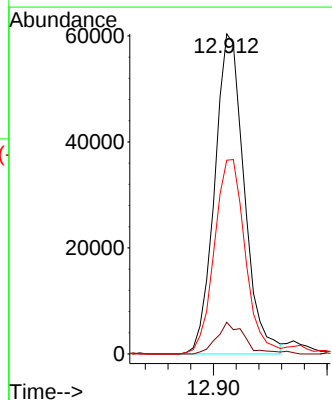
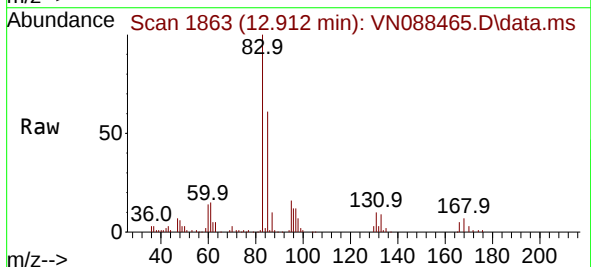
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

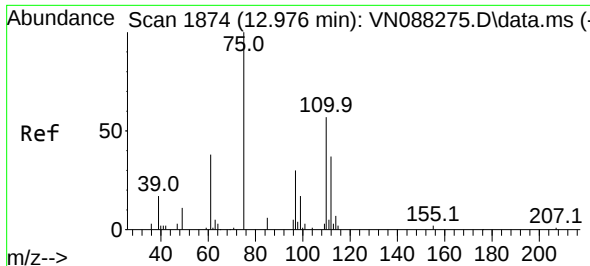
Tgt Ion:105 Resp: 320863
Ion Ratio Lower Upper
105 100
120 24.8 18.2 33.8



#71
1,1,2,2-Tetrachloroethane
Concen: 21.093 ug/l
RT: 12.912 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 83 Resp: 109034
Ion Ratio Lower Upper
83 100
131 8.5 4.3 12.9
85 63.4 32.4 97.2

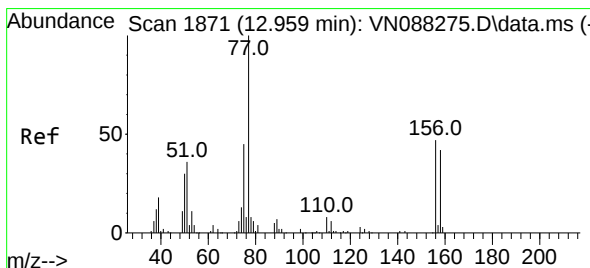
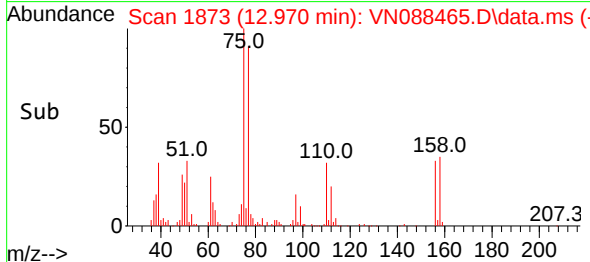
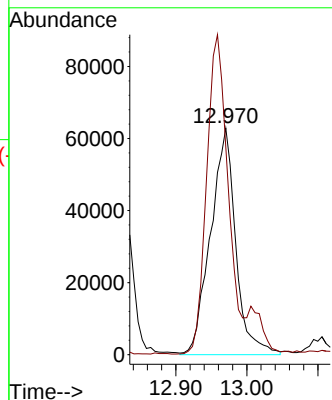
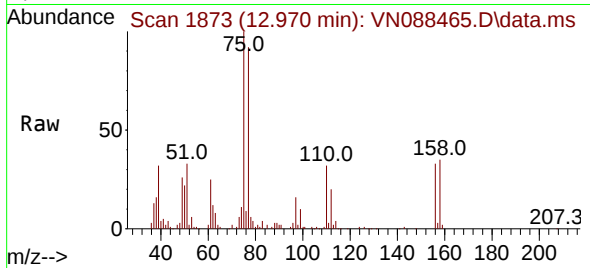




#72
1,2,3-Trichloropropane
Concen: 30.907 ug/l
RT: 12.970 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

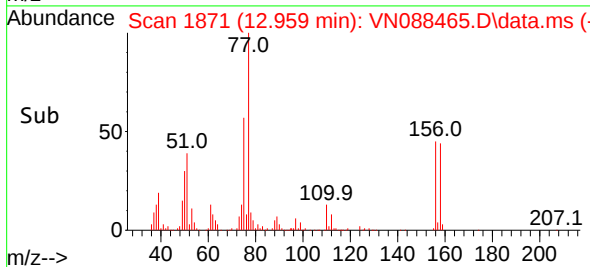
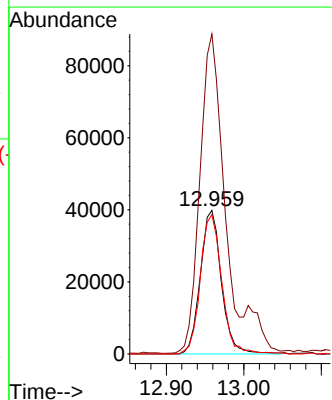
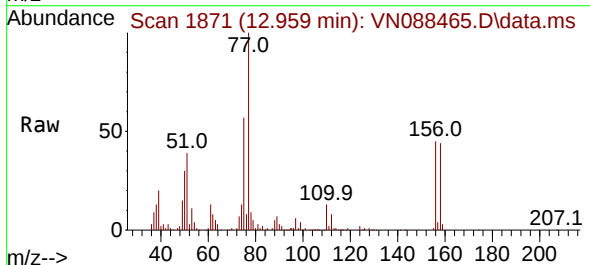
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

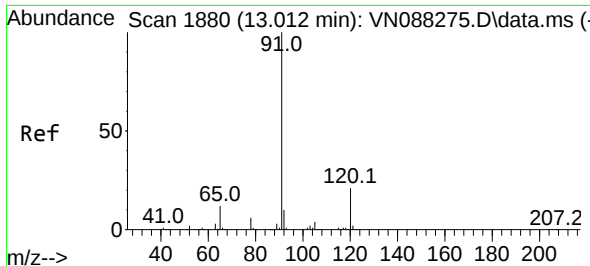
Tgt Ion: 75 Resp: 154772
Ion Ratio Lower Upper
75 100
77 119.2 0.0 386.6



#73
Bromobenzene
Concen: 20.895 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion:156 Resp: 75276
Ion Ratio Lower Upper
156 100
77 245.1 0.0 493.4
158 96.7 0.0 193.4

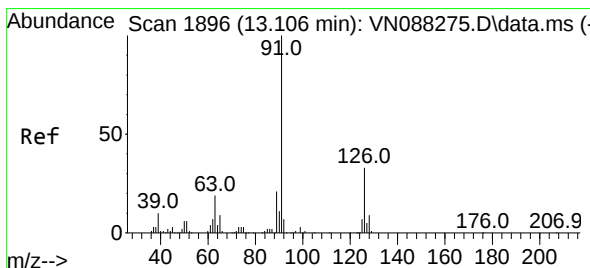
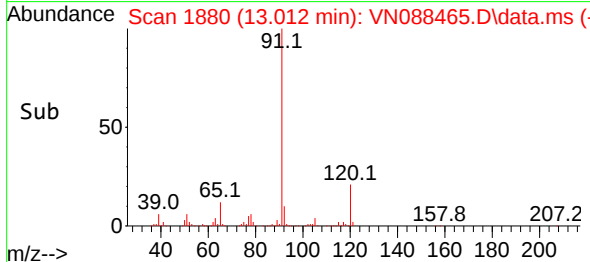
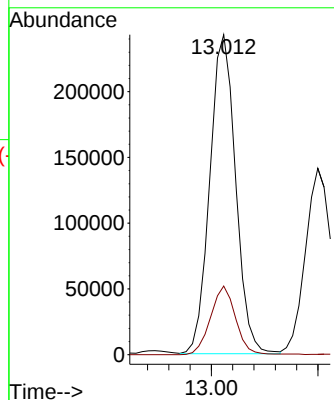
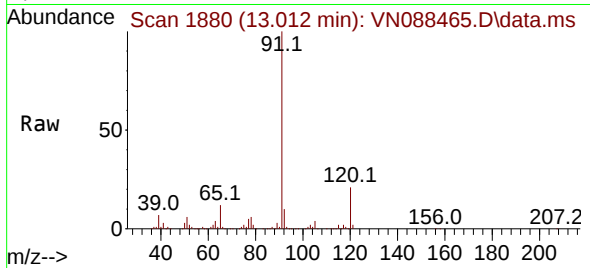




#74
n-propylbenzene
Concen: 20.681 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

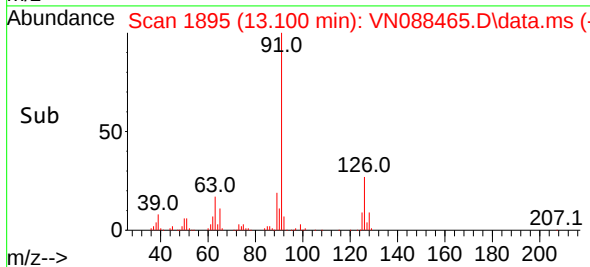
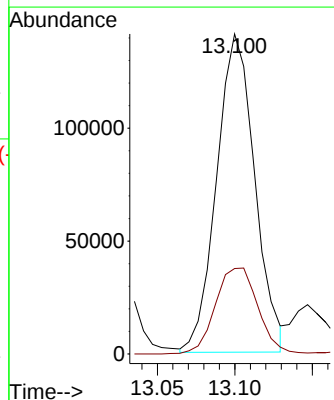
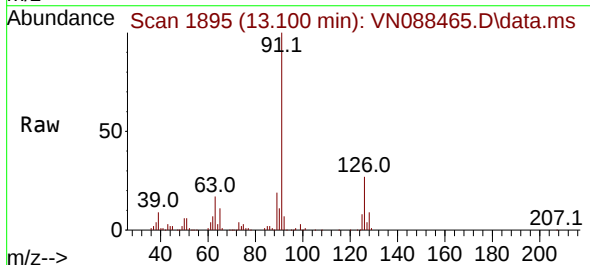
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

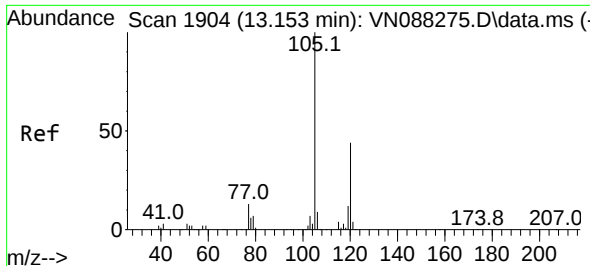
Tgt Ion: 91 Resp: 408412
Ion Ratio Lower Upper
91 100
120 20.8 0.0 43.2



#75
2-Chlorotoluene
Concen: 20.081 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 91 Resp: 241136
Ion Ratio Lower Upper
91 100
126 30.2 0.0 62.0

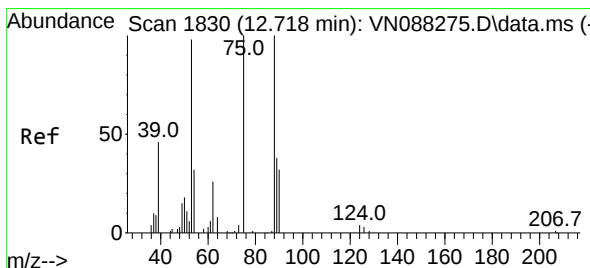
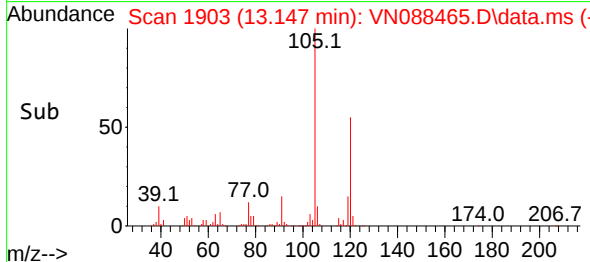
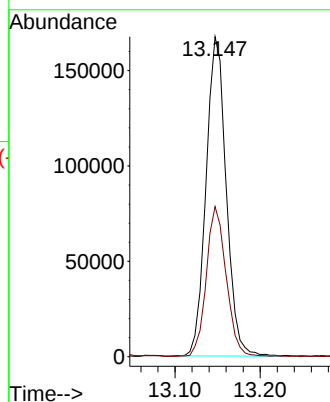
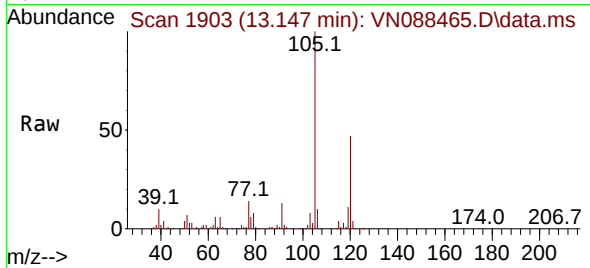




#76
1,3,5-Trimethylbenzene
Concen: 20.509 ug/l
RT: 13.147 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

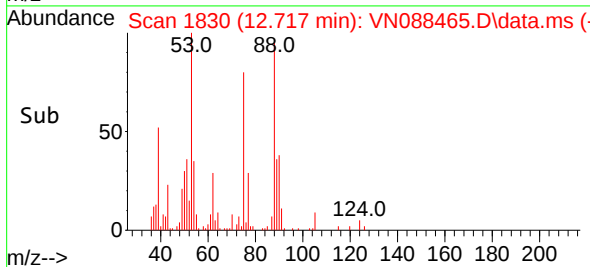
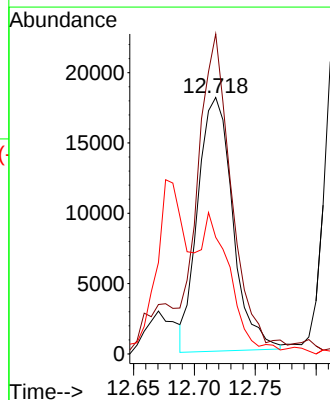
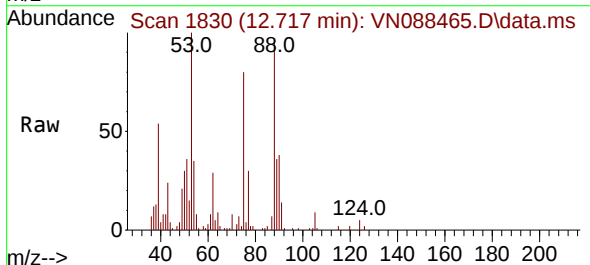
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

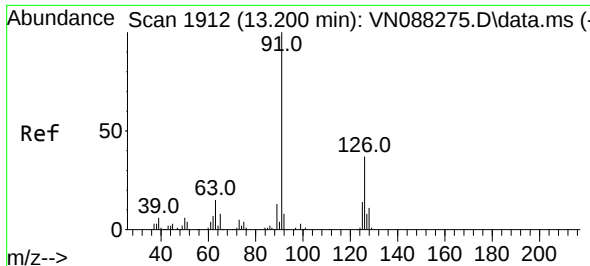
Tgt Ion:105 Resp: 274722
Ion Ratio Lower Upper
105 100
120 46.5 0.0 94.6



#77
t-1,4-Dichloro-2-butene
Concen: 20.931 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 75 Resp: 35995
Ion Ratio Lower Upper
75 100
53 123.6 50.0 150.0
89 45.5 22.3 66.9

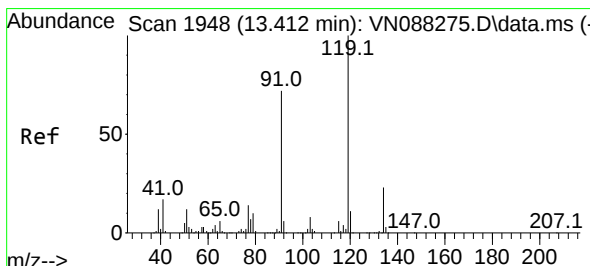
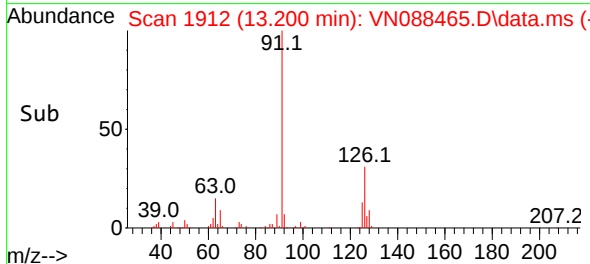
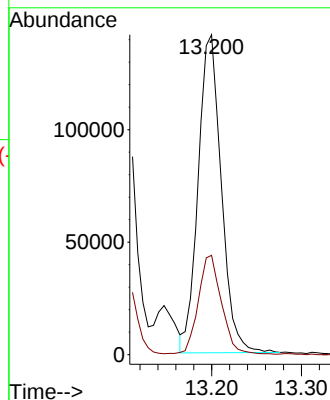
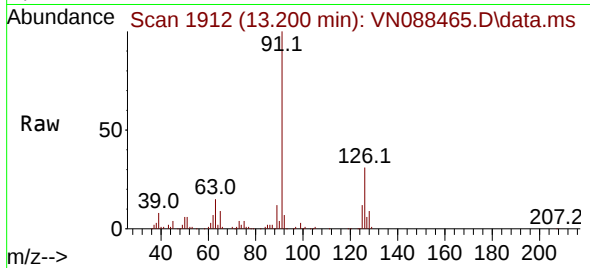




#78
4-Chlorotoluene
Concen: 20.779 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

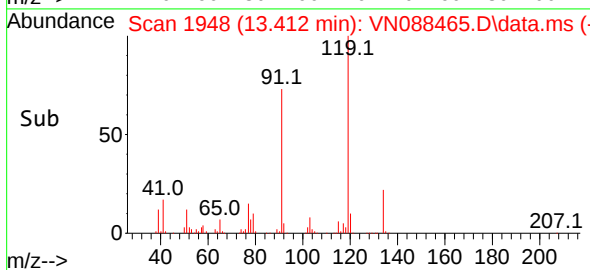
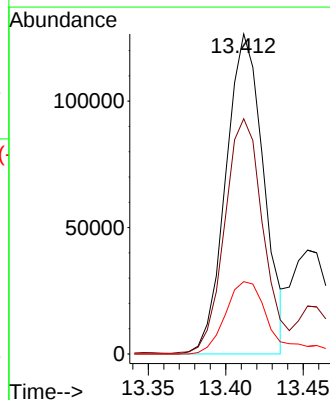
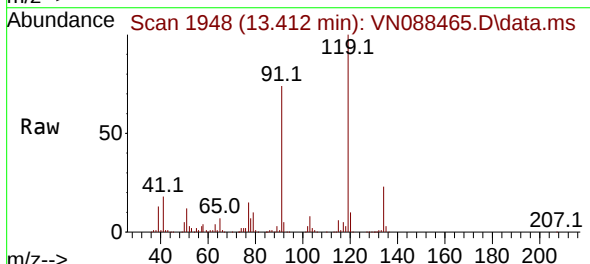
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

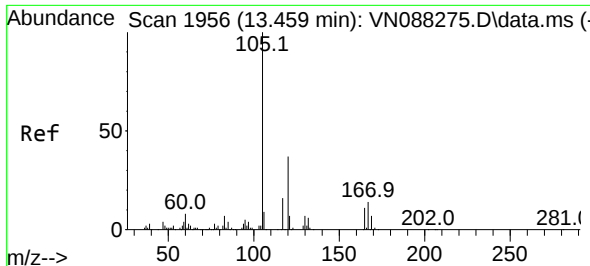
Tgt Ion: 91 Resp: 252859
Ion Ratio Lower Upper
91 100
126 31.6 0.0 60.8



#79
tert-butylbenzene
Concen: 18.757 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 119 Resp: 215112
Ion Ratio Lower Upper
119 100
91 74.6 0.0 140.8
134 26.4 0.0 48.4

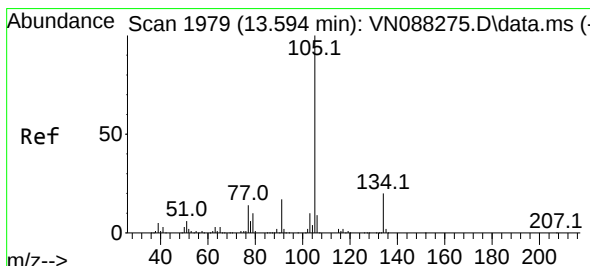
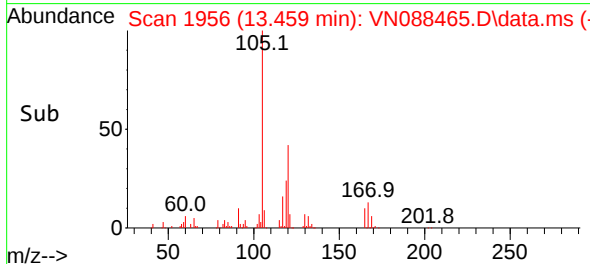
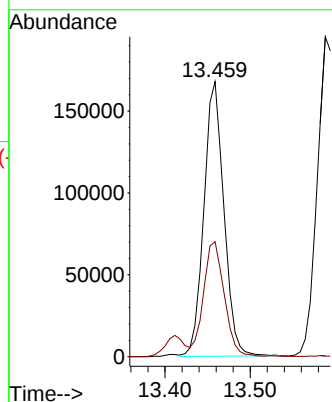
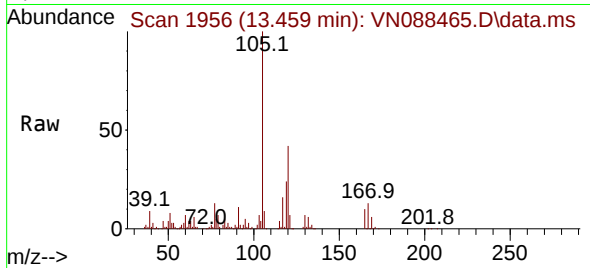




#80
1,2,4-Trimethylbenzene
Concen: 20.530 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

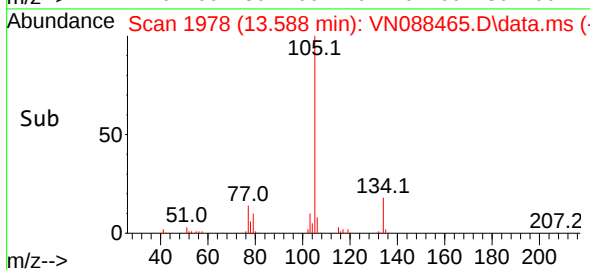
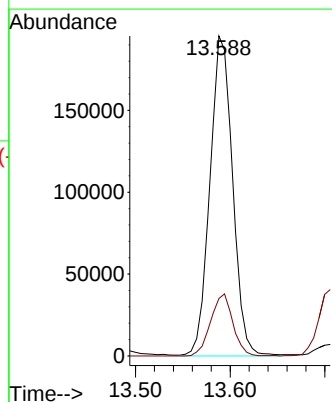
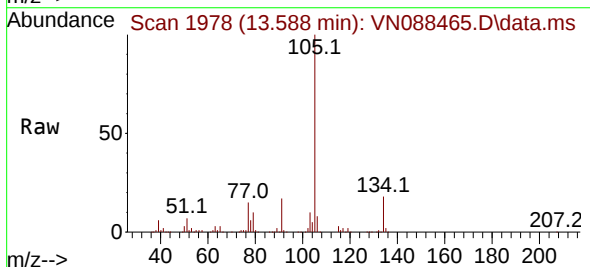
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

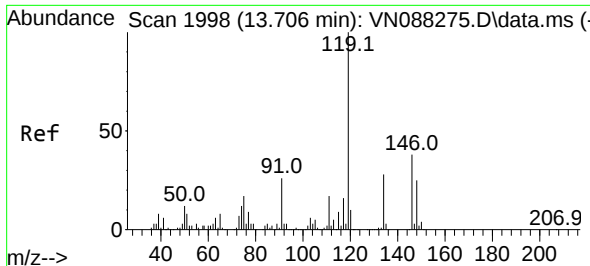
Tgt Ion:105 Resp: 273465
Ion Ratio Lower Upper
105 100
120 43.2 0.0 89.2



#81
sec-Butylbenzene
Concen: 19.460 ug/l
RT: 13.588 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion:105 Resp: 325506
Ion Ratio Lower Upper
105 100
134 18.9 0.0 38.4

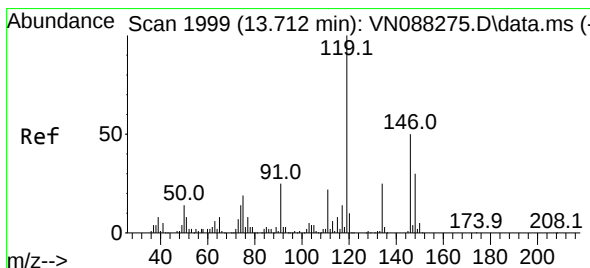
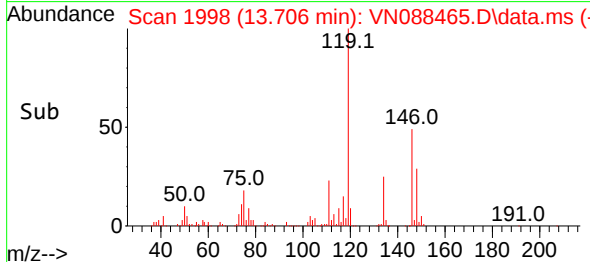
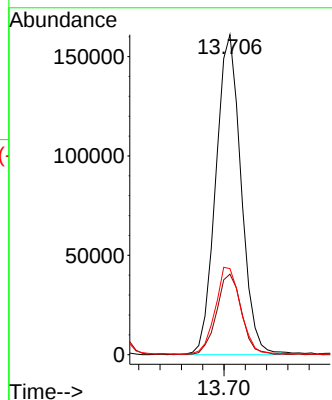
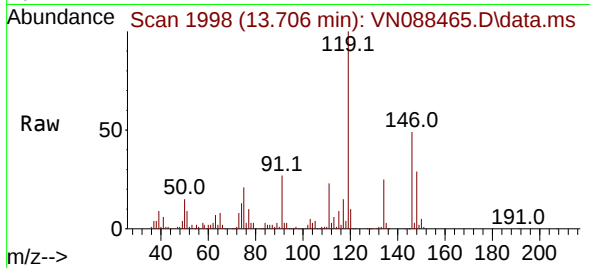




#82
 p-Isopropyltoluene
 Concen: 19.173 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088465.D
 Acq: 05 Dec 2025 10:06

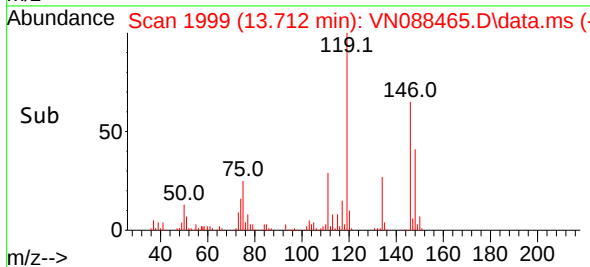
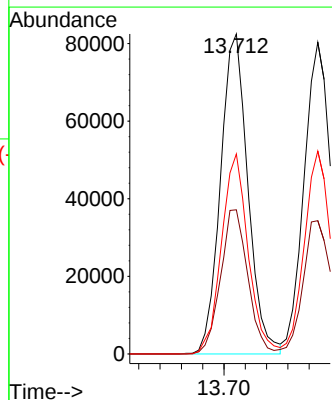
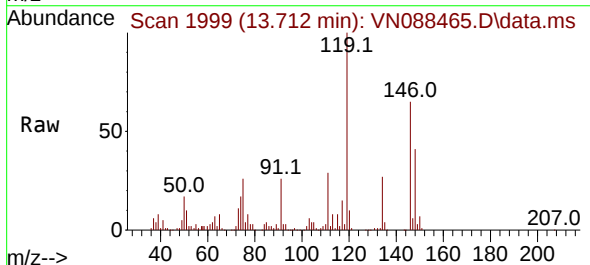
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

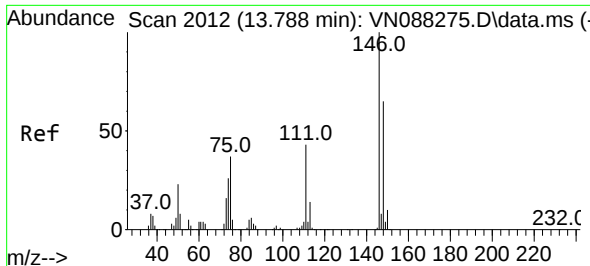
Tgt Ion:119 Resp: 265003
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 51.2
 91 27.0 0.0 53.4



#83
 1,3-Dichlorobenzene
 Concen: 21.071 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088465.D
 Acq: 05 Dec 2025 10:06

Tgt Ion:146 Resp: 147487
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.1 66.5
 148 60.9 31.4 94.3

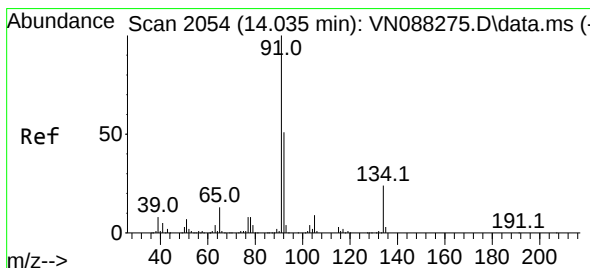
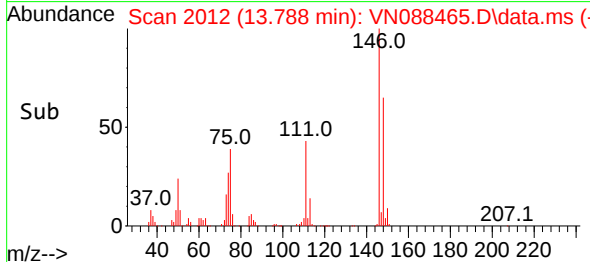
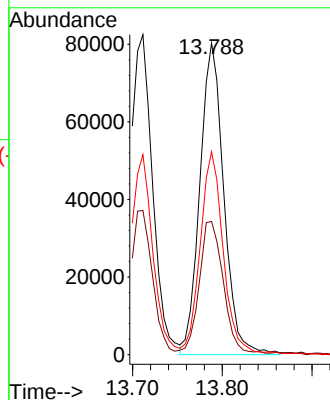
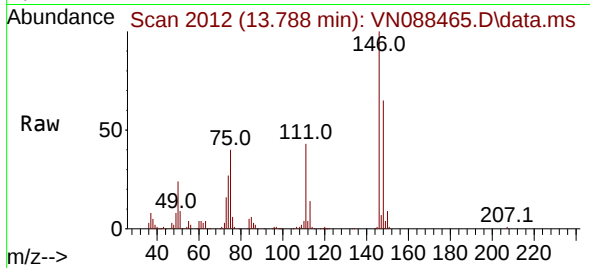




#84
1,4-Dichlorobenzene
Concen: 20.954 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

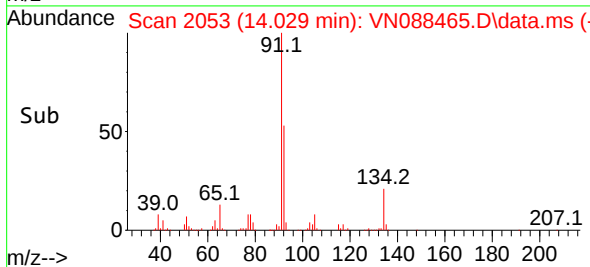
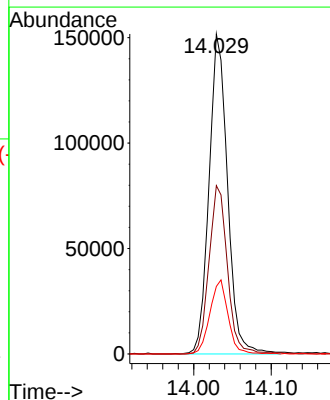
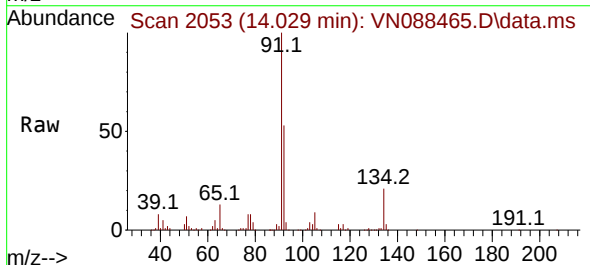
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

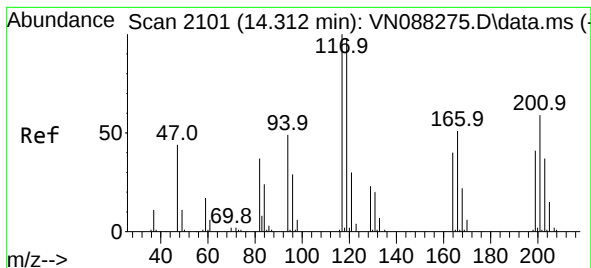
Tgt Ion:146 Resp: 148538
Ion Ratio Lower Upper
146 100
111 43.3 21.8 65.3
148 62.7 31.9 95.5



#85
n-Butylbenzene
Concen: 19.116 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion: 91 Resp: 251816
Ion Ratio Lower Upper
91 100
92 52.2 0.0 102.4
134 22.6 0.0 45.8





#86

Hexachloroethane

Concen: 17.664 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN088465.D

Acq: 05 Dec 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

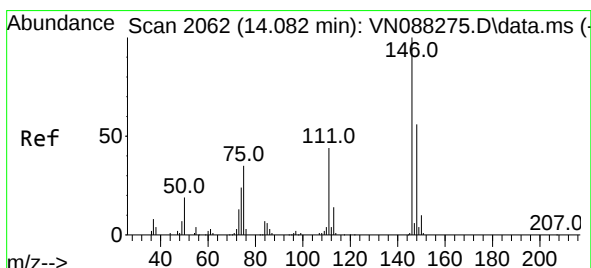
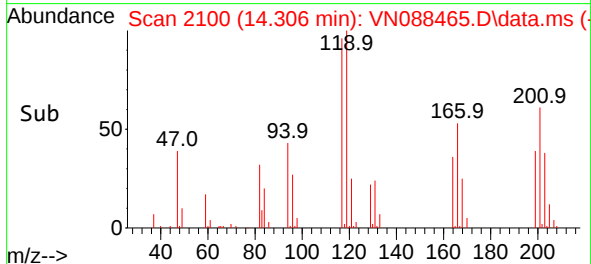
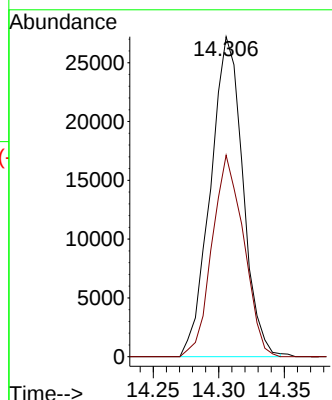
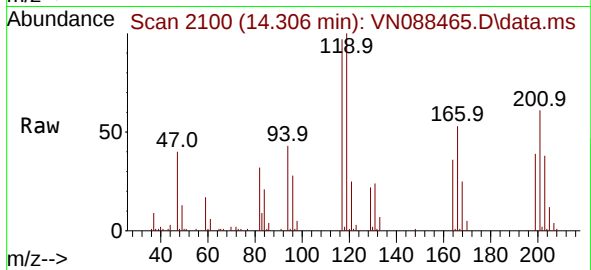
VN1205WBSD01

Tgt Ion:117 Resp: 46748

Ion Ratio Lower Upper

117 100

201 61.4 30.6 92.0



#87

1,2-Dichlorobenzene

Concen: 20.845 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN088465.D

Acq: 05 Dec 2025 10:06

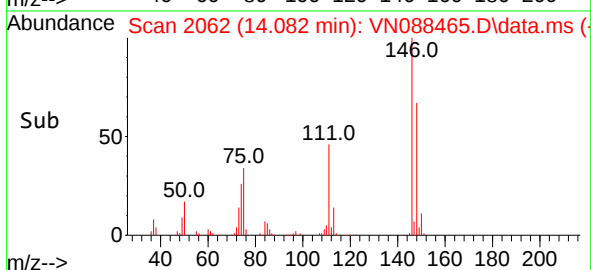
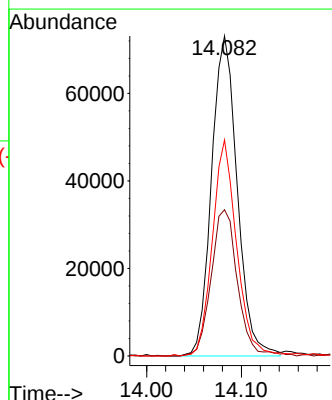
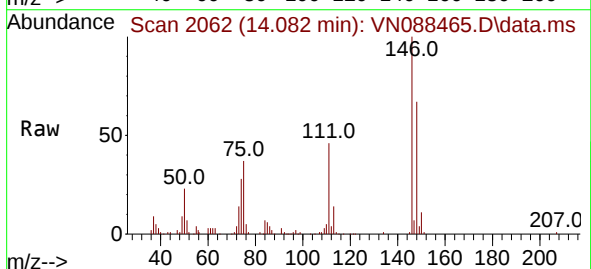
Tgt Ion:146 Resp: 137717

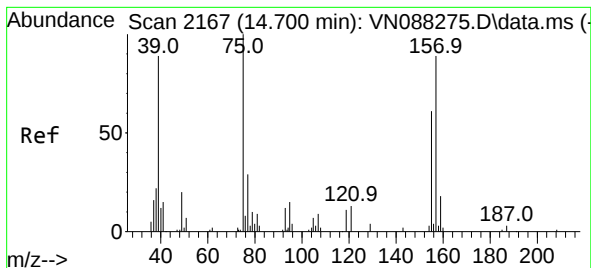
Ion Ratio Lower Upper

146 100

111 46.0 23.0 69.0

148 63.4 31.1 93.2





#88

1,2-Dibromo-3-Chloropropane

Concen: 18.685 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VN088465.D

Acq: 05 Dec 2025 10:06

Instrument :

MSVOA_N

ClientSampleId :

VN1205WBSD01

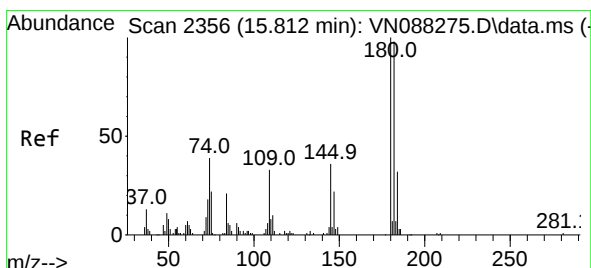
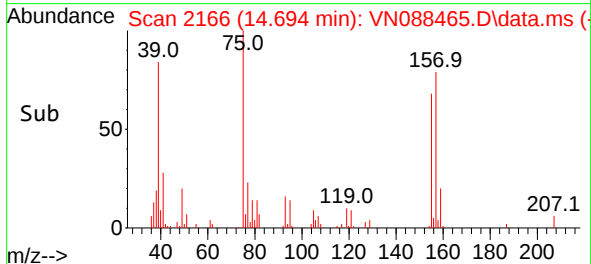
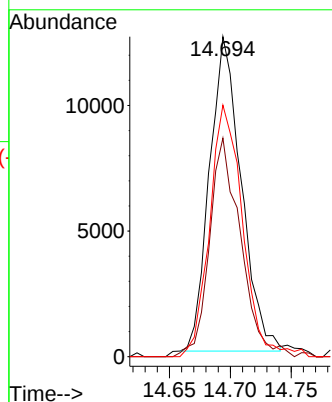
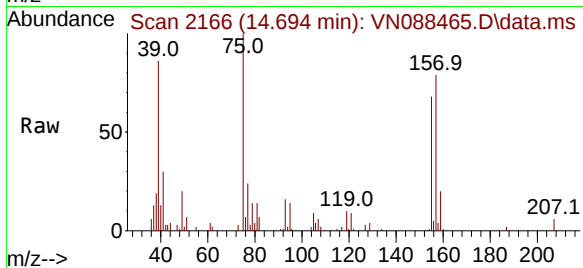
Tgt Ion: 75 Resp: 22702

Ion Ratio Lower Upper

75 100

155 68.1 54.8 82.2

157 82.7 70.7 106.1



#89

1,2,4-Trichlorobenzene

Concen: 19.861 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088465.D

Acq: 05 Dec 2025 10:06

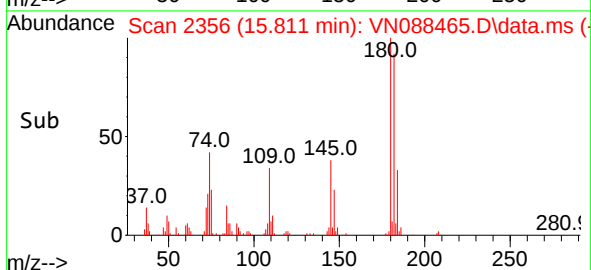
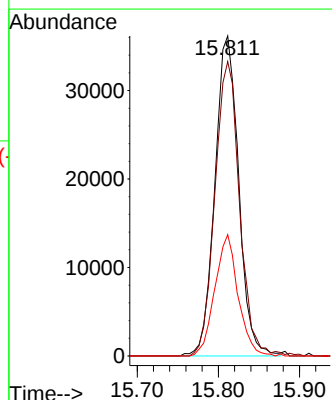
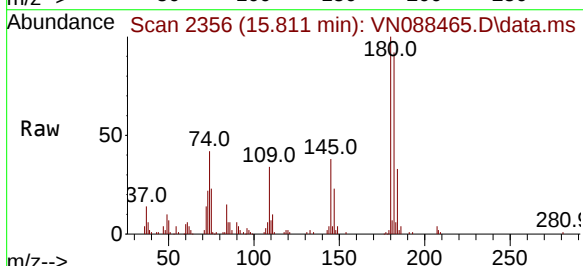
Tgt Ion:180 Resp: 73635

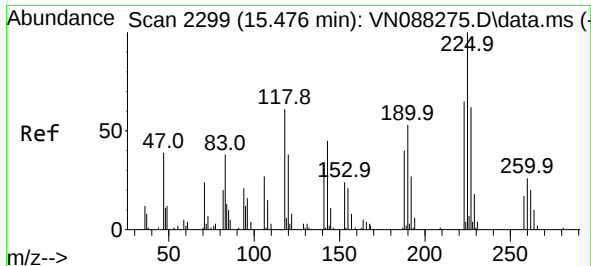
Ion Ratio Lower Upper

180 100

182 94.6 77.3 115.9

145 37.1 30.2 45.4

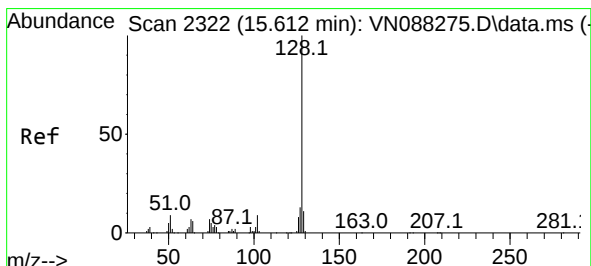
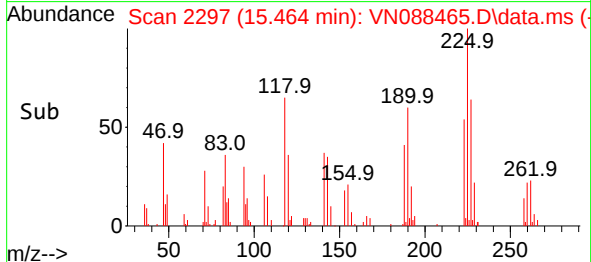
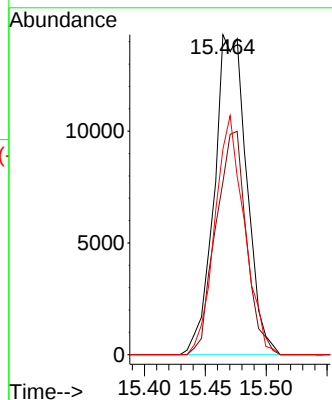
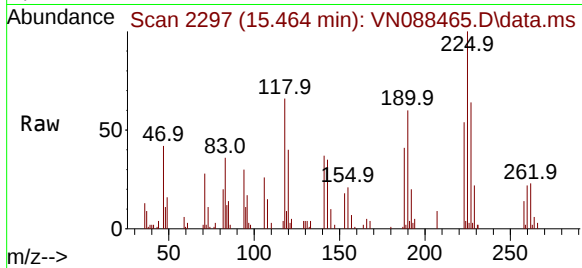




#90
Hexachlorobutadiene
Concen: 18.364 ug/l
RT: 15.464 min Scan# 211
Delta R.T. -0.012 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

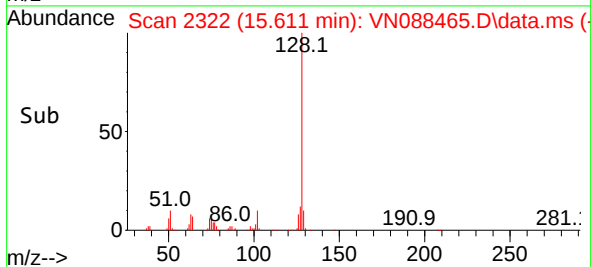
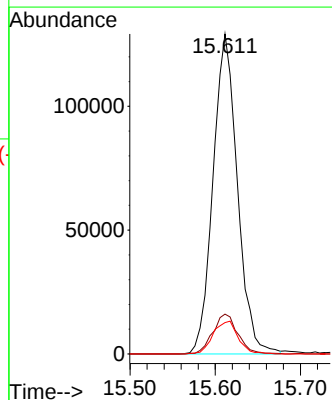
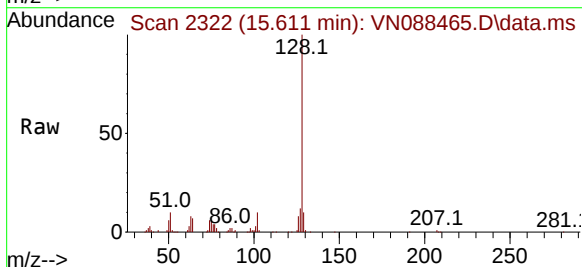
Instrument :
MSVOA_N
ClientSampleId :
VN1205WBSD01

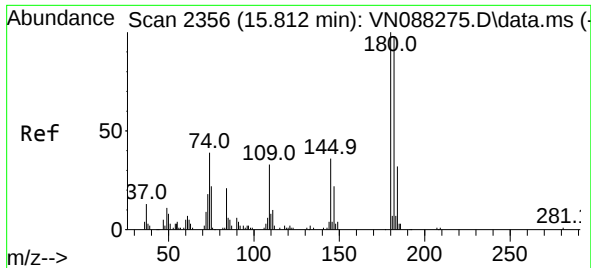
Tgt Ion:225 Resp: 26440
Ion Ratio Lower Upper
225 100
223 65.9 0.0 132.0
227 68.0 0.0 132.6



#91
Naphthalene
Concen: 19.158 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088465.D
Acq: 05 Dec 2025 10:06

Tgt Ion:128 Resp: 256999
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.6 8.8 13.2





#92
 1,2,3-Trichlorobenzene
 Concen: 19.861 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN088465.D
 Acq: 05 Dec 2025 10:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1205WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	0.0	193.2
145	37.1	0.0	75.6

