

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088159.D
 Acq On : 29 Oct 2025 14:47
 Operator : JC\MD
 Sample : VN1029MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029MBS01

Quant Time: Oct 30 04:07:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	270824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	513047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	454798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	231901	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	265699	56.736	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.480%	
35) Dibromofluoromethane	8.147	113	179830	52.175	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.340%	
50) Toluene-d8	10.547	98	653165	49.182	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.360%	
62) 4-Bromofluorobenzene	12.829	95	236158	50.351	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.148	85	55567	18.190	ug/l	97
3) Chloromethane	2.383	50	67915	18.897	ug/l	97
4) Vinyl Chloride	2.542	62	74623	19.056	ug/l	97
5) Bromomethane	2.983	94	41480	17.710	ug/l	85
6) Chloroethane	3.142	64	49585	17.575	ug/l	99
7) Trichlorofluoromethane	3.518	101	110964	17.767	ug/l	96
8) Diethyl Ether	3.959	74	45317	19.523	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	57735	17.914	ug/l	97
10) Methyl Iodide	4.589	142	44370	16.995	ug/l #	97
11) Tert butyl alcohol	5.518	59	80648	99.960	ug/l	98
12) 1,1-Dichloroethene	4.342	96	59573	17.501	ug/l	92
13) Acrolein	4.183	56	115224	126.968	ug/l	98
14) Allyl chloride	5.006	41	112126	18.793	ug/l	98
15) Acrylonitrile	5.712	53	232884	105.968	ug/l	100
16) Acetone	4.424	43	231523	98.406	ug/l	97
17) Carbon Disulfide	4.712	76	175924	17.002	ug/l #	94
18) Methyl Acetate	5.018	43	105797	21.965	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	259696	20.774	ug/l	100
20) Methylene Chloride	5.265	84	79826	22.235	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	70203	18.789	ug/l	95
22) Diisopropyl ether	6.659	45	271281	21.620	ug/l	98
23) Vinyl Acetate	6.588	43	1225214	108.401	ug/l	99
24) 1,1-Dichloroethane	6.559	63	146991	21.148	ug/l	97
25) 2-Butanone	7.471	43	326331	105.249	ug/l	100
26) 2,2-Dichloropropane	7.471	77	116764	18.486	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	86800	20.180	ug/l	96
28) Bromochloromethane	7.800	49	74066	22.552	ug/l	100
29) Tetrahydrofuran	7.824	42	205840	101.869	ug/l	100
30) Chloroform	7.953	83	149501	21.530	ug/l	98
31) Cyclohexane	8.241	56	122682	18.715	ug/l	93
32) 1,1,1-Trichloroethane	8.153	97	122932	19.878	ug/l	98
36) 1,1-Dichloropropene	8.353	75	97994	19.472	ug/l	98
37) Ethyl Acetate	7.547	43	131083	20.184	ug/l	97
38) Carbon Tetrachloride	8.341	117	103049	19.826	ug/l	94
39) Methylcyclohexane	9.582	83	111957	17.307	ug/l	93
40) Benzene	8.588	78	307478	20.062	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	72804	21.300	ug/l	97
42) 1,2-Dichloroethane	8.653	62	125346	23.018	ug/l	99
43) Isopropyl Acetate	8.671	43	210835	21.127	ug/l	98
44) Trichloroethene	9.335	130	68868	19.224	ug/l	94
45) 1,2-Dichloropropane	9.600	63	83287	21.525	ug/l	97
46) Dibromomethane	9.688	93	59050	21.398	ug/l	98
47) Bromodichloromethane	9.871	83	118661	21.477	ug/l	92
48) Methyl methacrylate	9.665	41	99999	21.704	ug/l	99
49) 1,4-Dioxane	9.688	88	22363	390.259	ug/l #	98
51) 4-Methyl-2-Pentanone	10.424	43	653343	110.667	ug/l	100
52) Toluene	10.606	92	187841	19.879	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	118912	20.222	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	126294	20.240	ug/l	95
55) 1,1,2-Trichloroethane	11.000	97	72996	20.362	ug/l	96
56) Ethyl methacrylate	10.853	69	116292	20.498	ug/l	94
57) 1,3-Dichloropropane	11.141	76	133907	21.251	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	341851	115.843	ug/l	99
59) 2-Hexanone	11.176	43	411081	104.965	ug/l	96
60) Dibromochloromethane	11.335	129	83238	20.428	ug/l	96
61) 1,2-Dibromoethane	11.447	107	75343	20.421	ug/l	100
64) Tetrachloroethene	11.082	164	55503	18.501	ug/l	94
65) Chlorobenzene	11.870	112	204031	19.757	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	67373	19.913	ug/l	98
67) Ethyl Benzene	11.941	91	353465	19.499	ug/l	97
68) m/p-Xylenes	12.047	106	264393	38.928	ug/l	99
69) o-Xylene	12.376	106	127057	19.734	ug/l	100
70) Styrene	12.388	104	213877	20.371	ug/l	97
71) Bromoform	12.559	173	48964	19.392	ug/l #	99
73) Isopropylbenzene	12.670	105	331647	18.542	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.917	83	116205	20.868	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	145947	27.527	ug/l	67
77) Bromobenzene	12.959	156	77058	19.979	ug/l	94
78) n-propylbenzene	13.012	91	408186	18.701	ug/l	100
79) 2-Chlorotoluene	13.106	91	248967	20.001	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	277845	18.705	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	28415	14.950	ug/l	95
82) 4-Chlorotoluene	13.200	91	255646	18.983	ug/l	98
83) tert-Butylbenzene	13.417	119	241500	18.200	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	289549	19.482	ug/l	99
85) sec-Butylbenzene	13.594	105	349812	17.943	ug/l	99
86) p-Isopropyltoluene	13.706	119	290629	18.583	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	147641	19.175	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	154709	18.708	ug/l	98
89) n-Butylbenzene	14.035	91	276598	17.855	ug/l	99
90) Hexachloroethane	14.306	117	49636	16.389	ug/l	91
91) 1,2-Dichlorobenzene	14.082	146	147165	19.828	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	26359	20.338	ug/l	90
93) 1,2,4-Trichlorobenzene	15.364	180	86622	19.271	ug/l	97
94) Hexachlorobutadiene	15.470	225	30793	18.396	ug/l	98
95) Naphthalene	15.611	128	283432	18.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	79670	18.486	ug/l	95

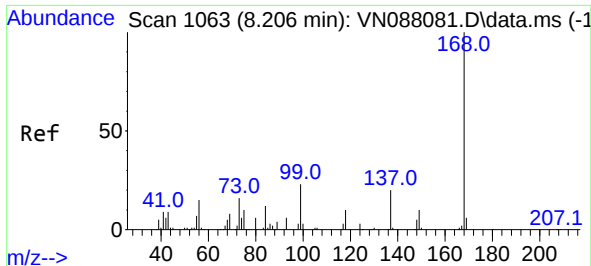
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Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

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

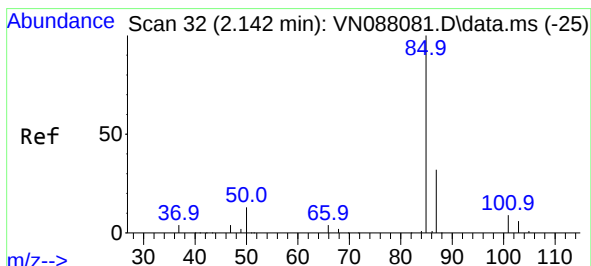
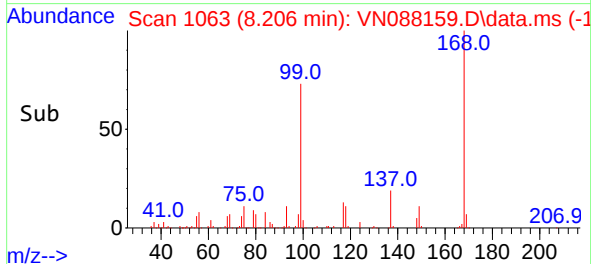
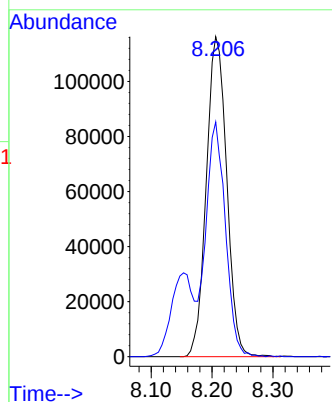
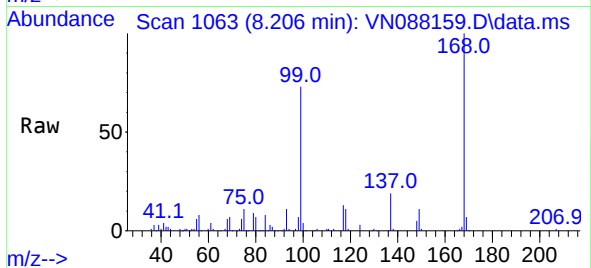
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

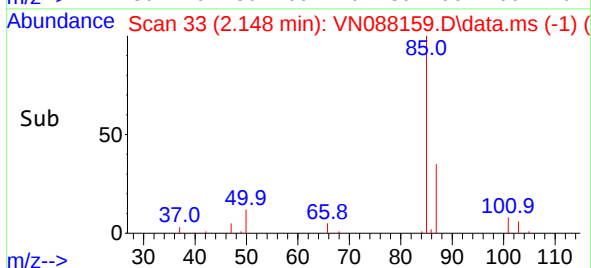
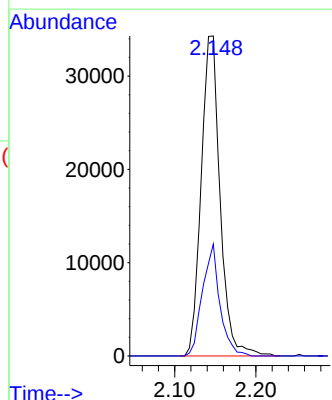
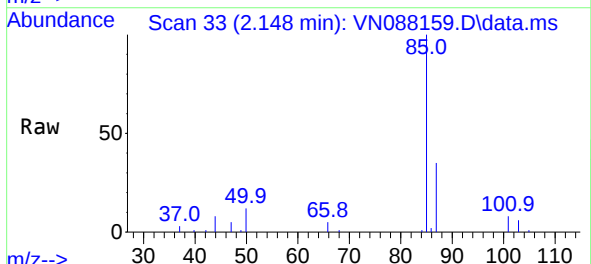
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

Tgt Ion:168 Resp: 270824
Ion Ratio Lower Upper
168 100
99 73.1 57.2 85.8

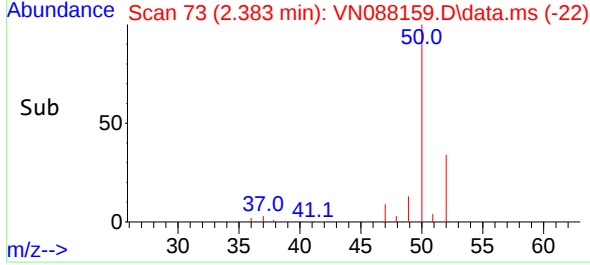
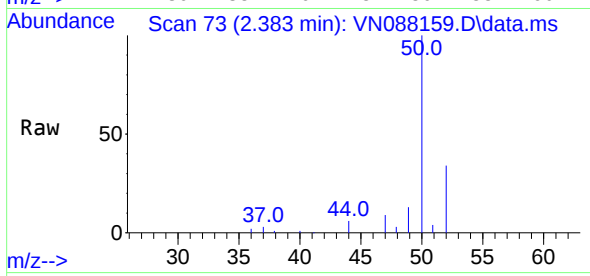
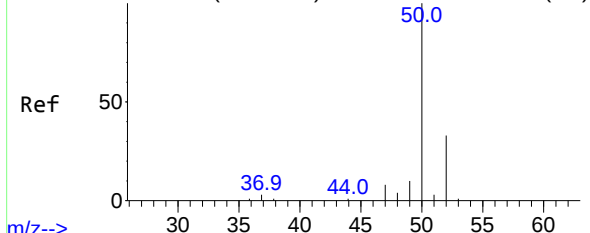


#2
Dichlorodifluoromethane
Concen: 18.190 ug/l
RT: 2.148 min Scan# 33
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 85 Resp: 55567
Ion Ratio Lower Upper
85 100
87 35.0 16.6 49.8



Abundance Scan 73 (2.383 min): VN088081.D\data.ms (-64)



#3

Chloromethane

Concen: 18.897 ug/l

RT: 2.383 min Scan# 71

Delta R.T. -0.000 min

Lab File: VN088159.D

Acq: 29 Oct 2025 14:47

Instrument :

MSVOA_N

ClientSampleId :

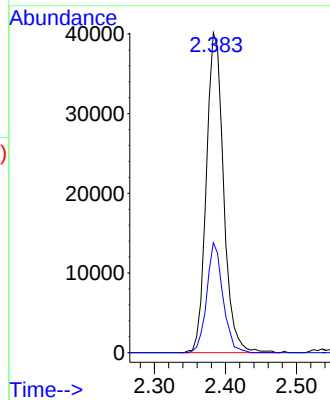
VN1029MBS01

Tgt Ion: 50 Resp: 67915

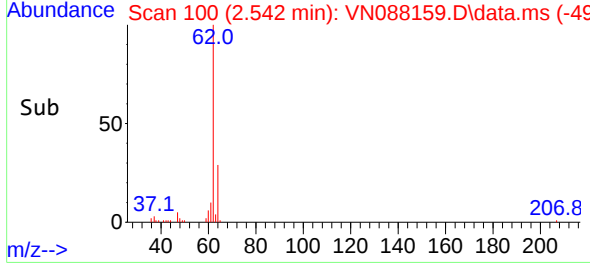
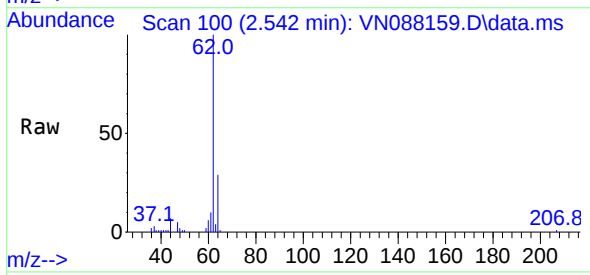
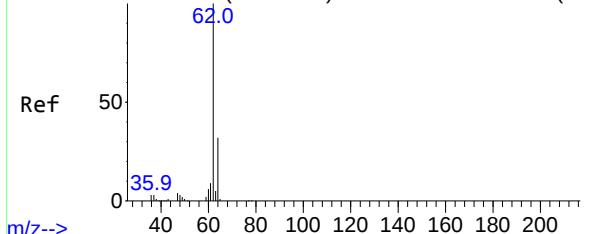
Ion Ratio Lower Upper

50 100

52 34.3 26.2 39.4



Abundance Scan 100 (2.542 min): VN088081.D\data.ms (-91)



#4

Vinyl Chloride

Concen: 19.056 ug/l

RT: 2.542 min Scan# 100

Delta R.T. -0.000 min

Lab File: VN088159.D

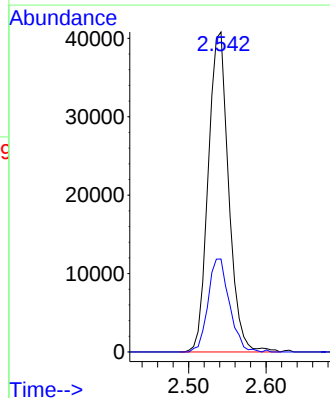
Acq: 29 Oct 2025 14:47

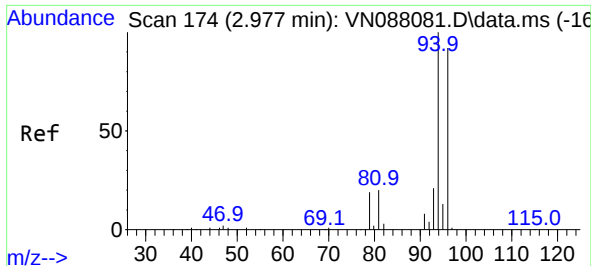
Tgt Ion: 62 Resp: 74623

Ion Ratio Lower Upper

62 100

64 29.1 24.6 37.0

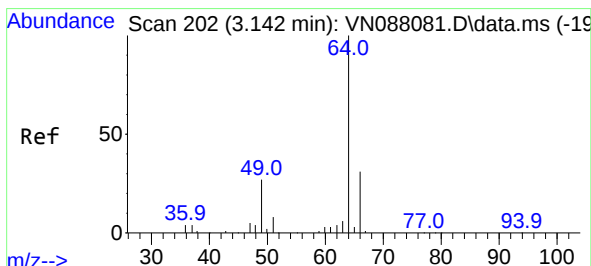
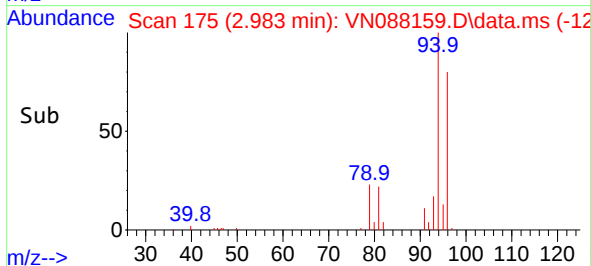
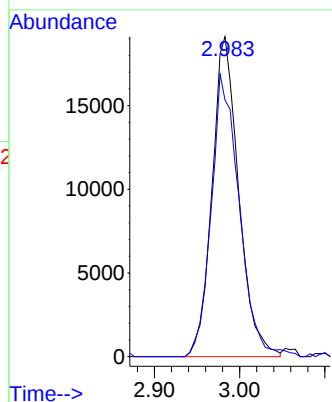
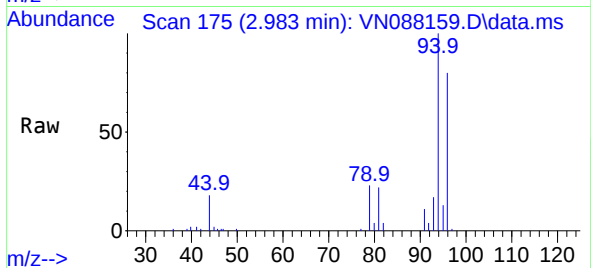




#5
Bromomethane
Concen: 17.710 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

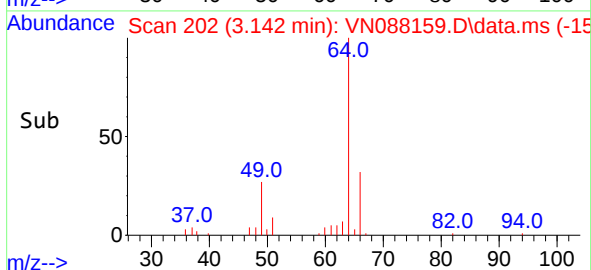
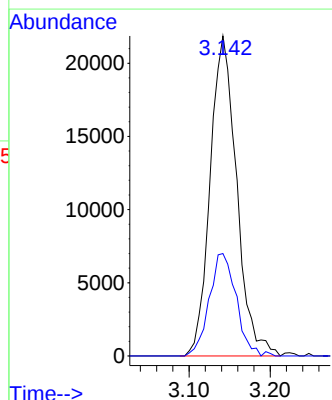
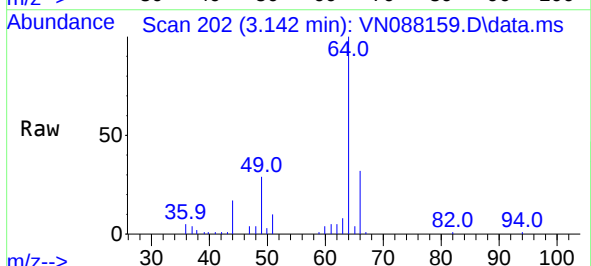
Instrument :
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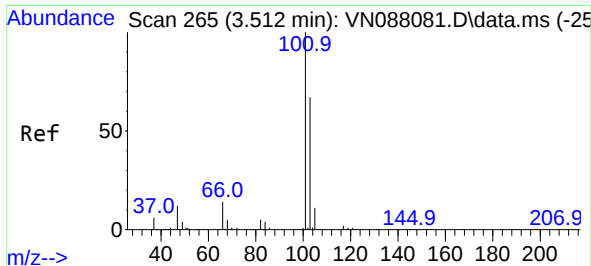
Tgt Ion: 94 Resp: 41480
Ion Ratio Lower Upper
94 100
96 80.2 75.4 113.2



#6
Chloroethane
Concen: 17.575 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 64 Resp: 49585
Ion Ratio Lower Upper
64 100
66 32.0 26.2 39.2

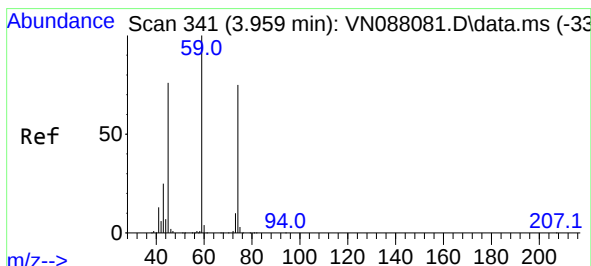
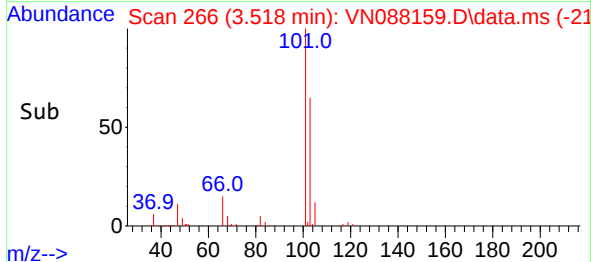
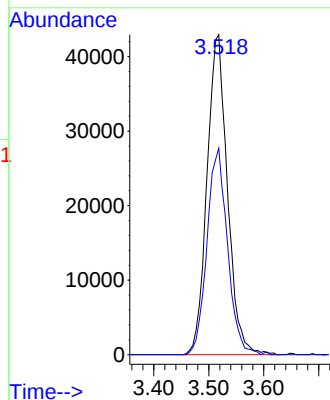
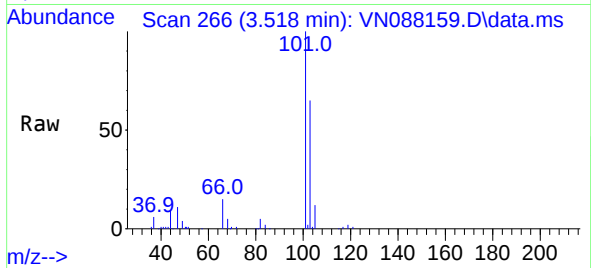




#7
Trichlorofluoromethane
Concen: 17.767 ug/l
RT: 3.518 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

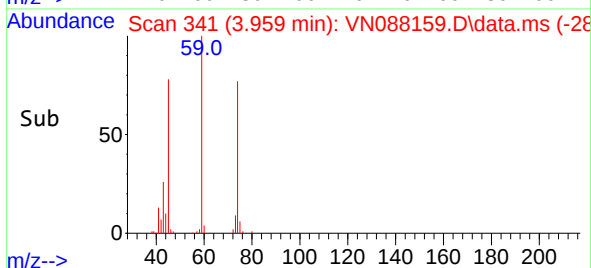
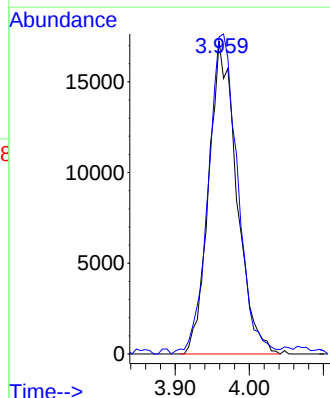
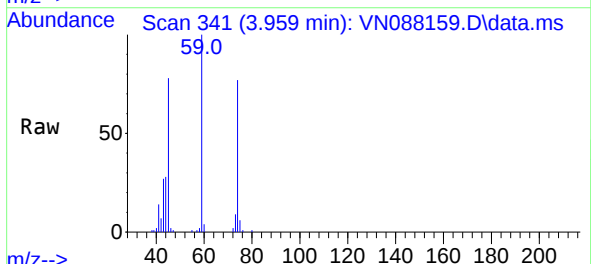
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

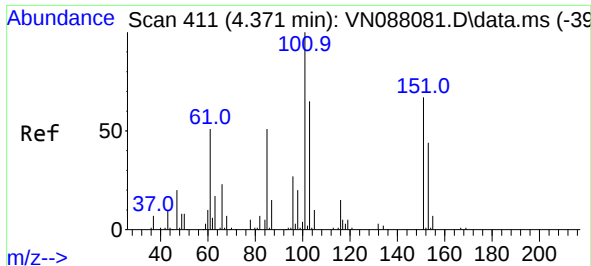
Tgt Ion:101 Resp: 110964
Ion Ratio Lower Upper
101 100
103 64.5 49.4 74.0



#8
Diethyl Ether
Concen: 19.523 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 74 Resp: 45317
Ion Ratio Lower Upper
74 100
45 106.9 50.6 151.9

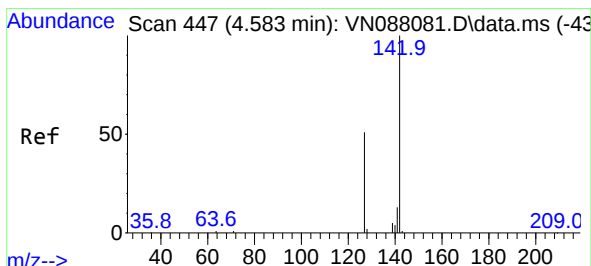
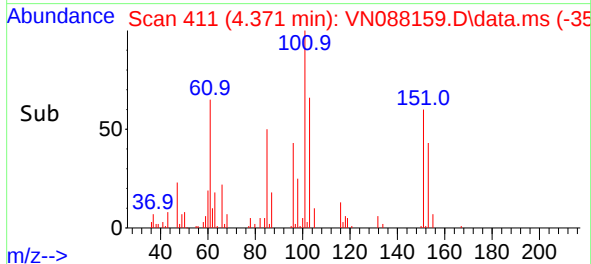
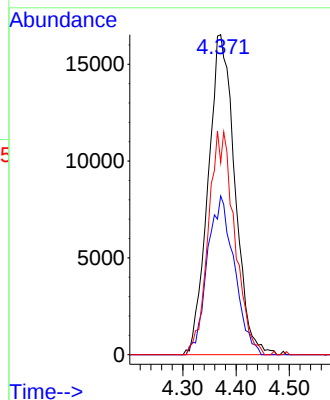
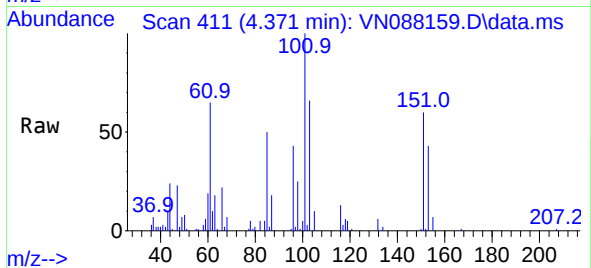




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.914 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

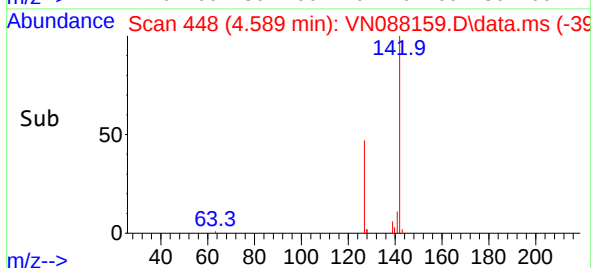
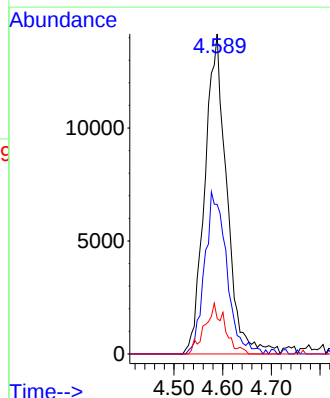
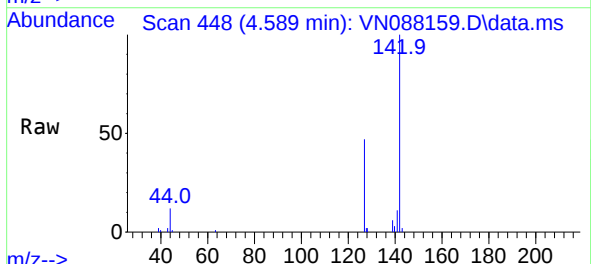
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

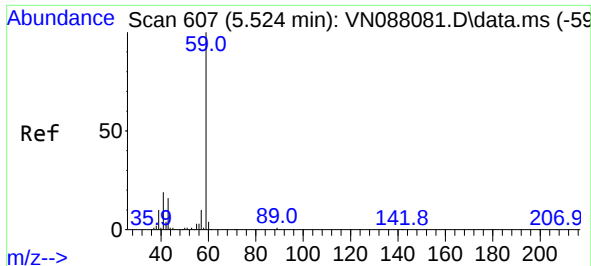
Tgt Ion:101 Resp: 57735
Ion Ratio Lower Upper
101 100
85 49.8 36.6 55.0
151 68.5 54.7 82.1



#10
Methyl Iodide
Concen: 16.995 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion:142 Resp: 44370
Ion Ratio Lower Upper
142 100
127 46.7 38.0 57.0
141 11.1 12.0 18.0#

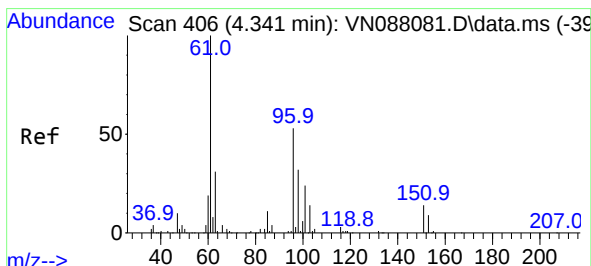
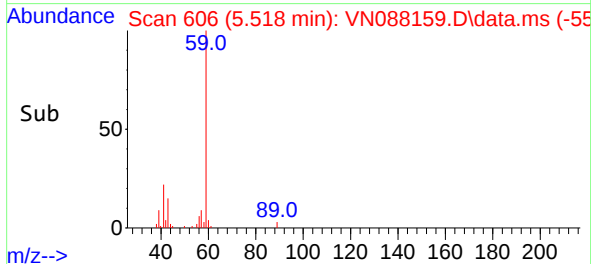
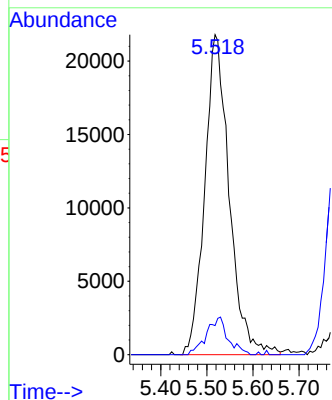
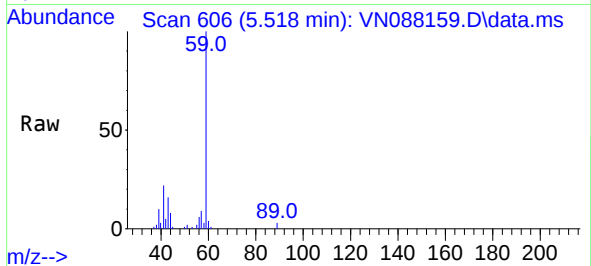




#11
Tert butyl alcohol
Concen: 99.960 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

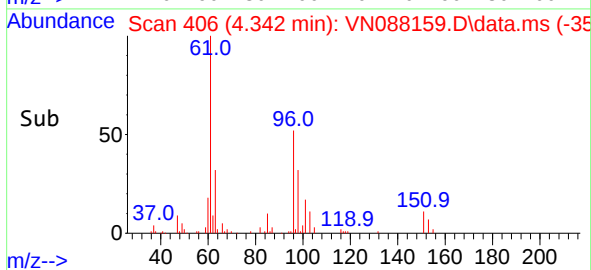
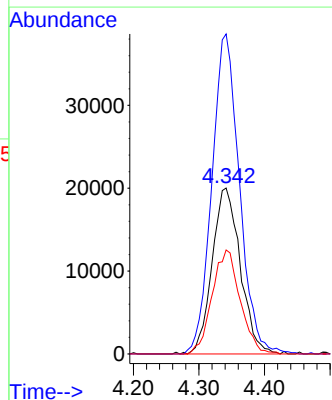
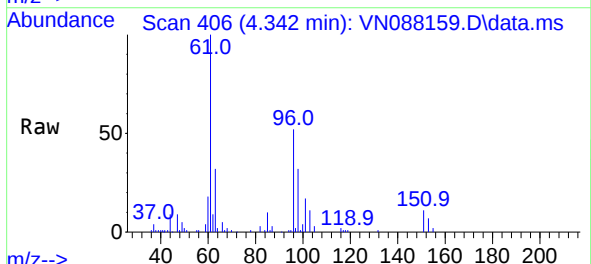
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

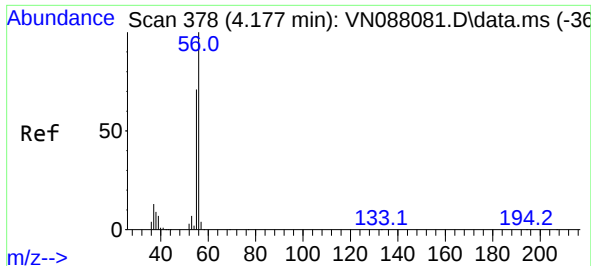
Tgt Ion: 59 Resp: 80648
Ion Ratio Lower Upper
59 100
57 10.3 9.0 13.4



#12
1,1-Dichloroethene
Concen: 17.501 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 96 Resp: 59573
Ion Ratio Lower Upper
96 100
61 192.8 143.8 215.8
98 62.7 52.1 78.1

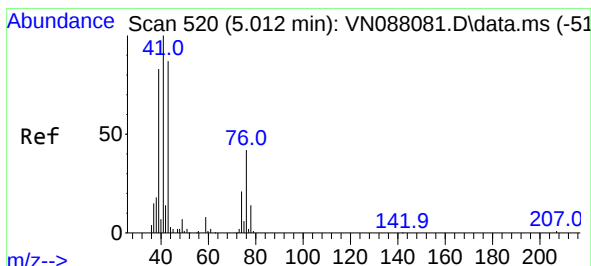
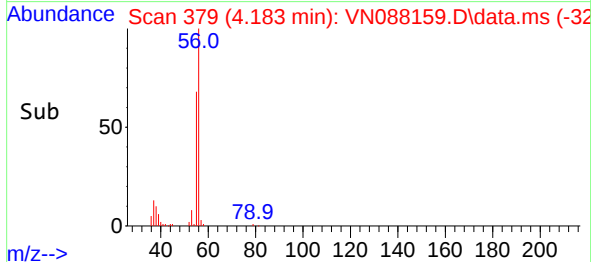
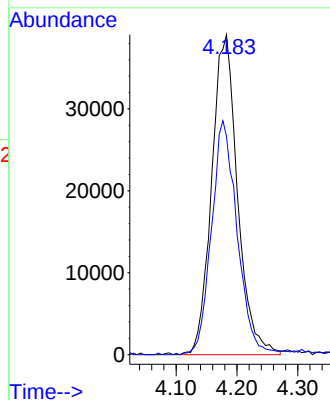
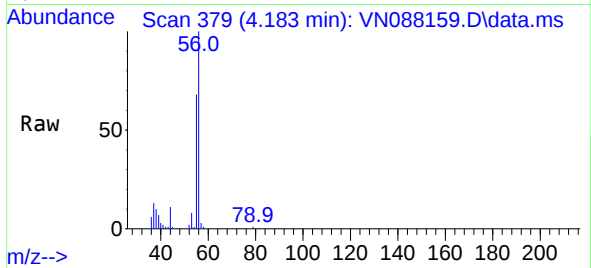




#13
Acrolein
Concen: 126.968 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

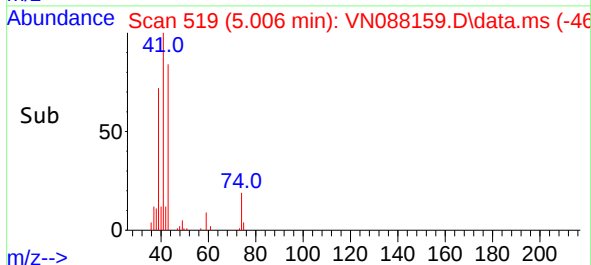
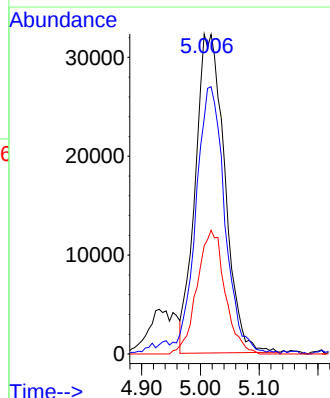
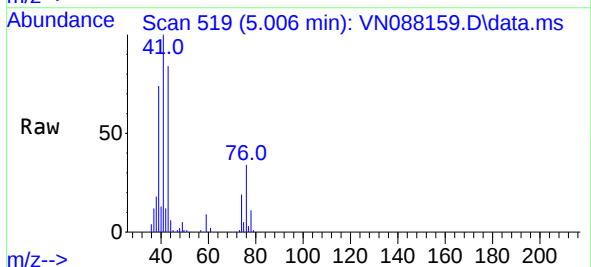
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

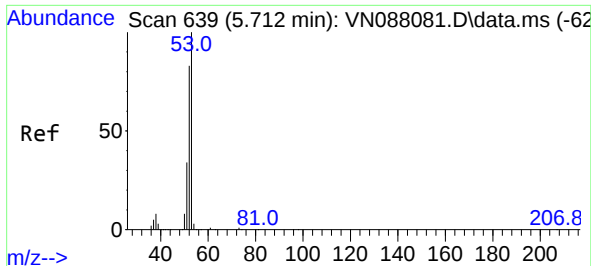
Tgt Ion: 56 Resp: 115224
Ion Ratio Lower Upper
56 100
55 72.9 57.3 85.9



#14
Allyl chloride
Concen: 18.793 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 41 Resp: 112126
Ion Ratio Lower Upper
41 100
39 81.5 63.9 95.9
76 36.8 28.1 42.1

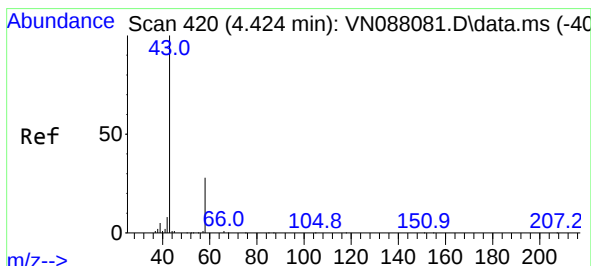
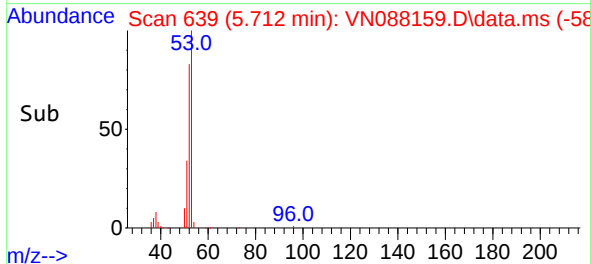
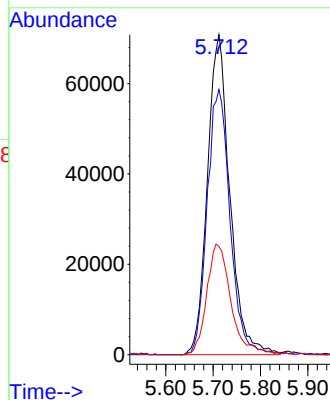
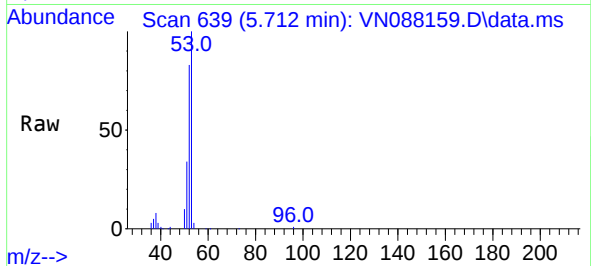




#15
Acrylonitrile
Concen: 105.968 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

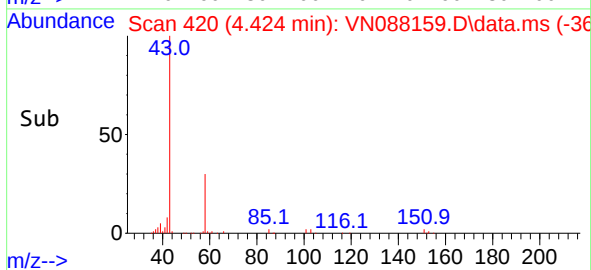
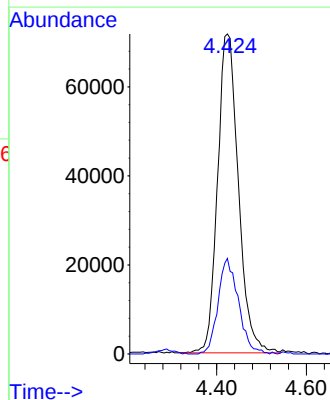
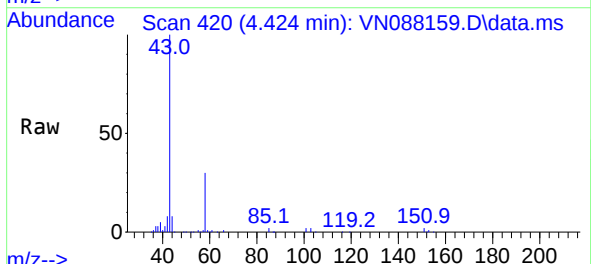
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

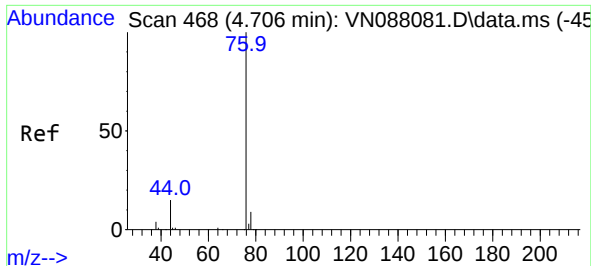
Tgt Ion: 53 Resp: 232884
Ion Ratio Lower Upper
53 100
52 84.4 67.6 101.4
51 37.1 30.1 45.1



#16
Acetone
Concen: 98.406 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 43 Resp: 231523
Ion Ratio Lower Upper
43 100
58 29.7 22.6 33.8

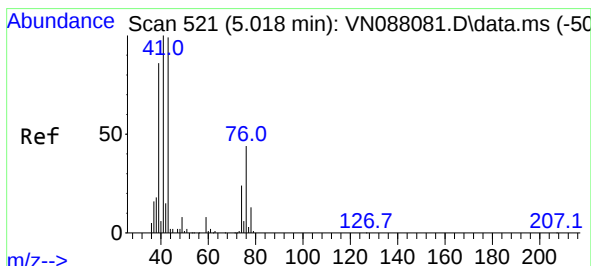
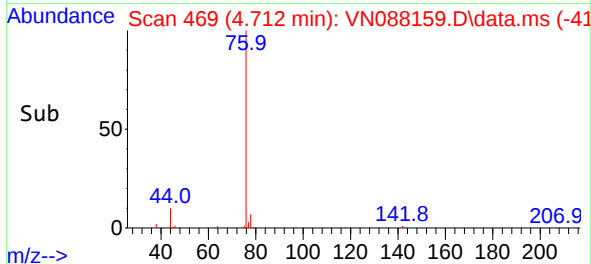
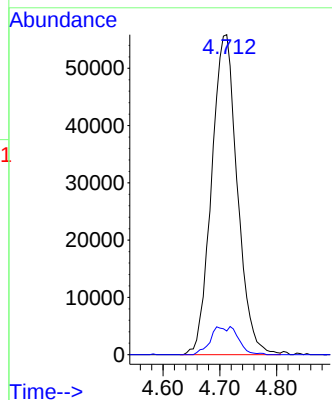
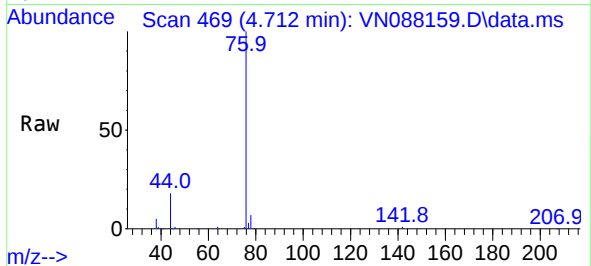




#17
Carbon Disulfide
Concen: 17.002 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

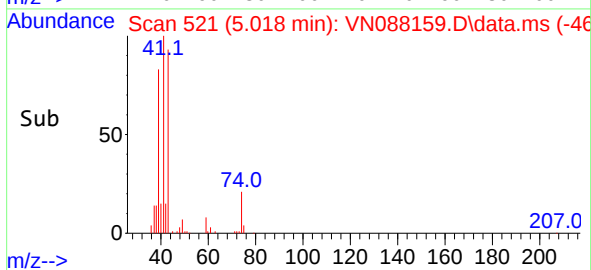
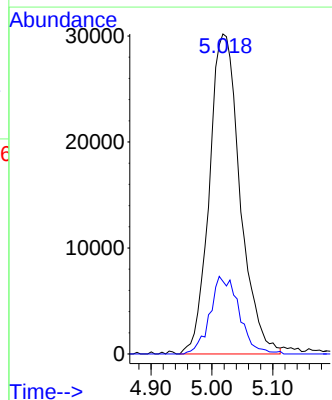
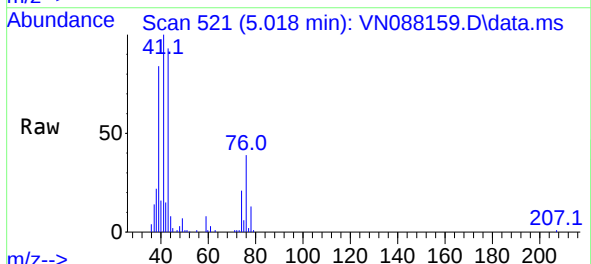
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

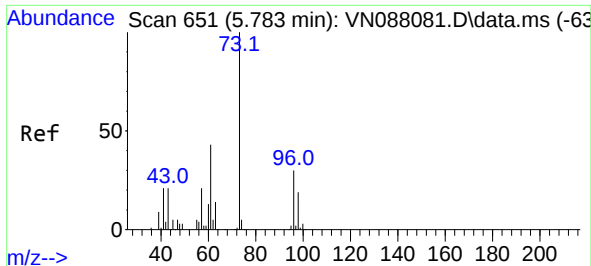
Tgt Ion: 76 Resp: 175924
Ion Ratio Lower Upper
76 100
78 7.4 7.6 11.4#



#18
Methyl Acetate
Concen: 21.965 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 43 Resp: 105797
Ion Ratio Lower Upper
43 100
74 23.0 17.6 26.4

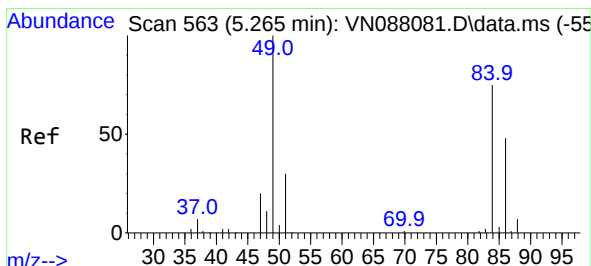
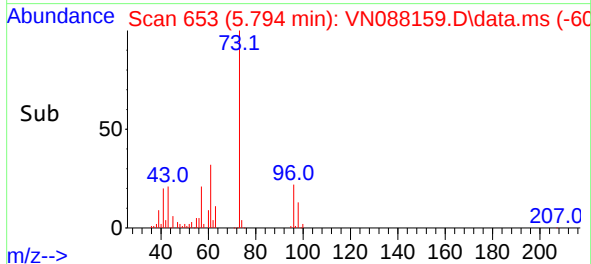
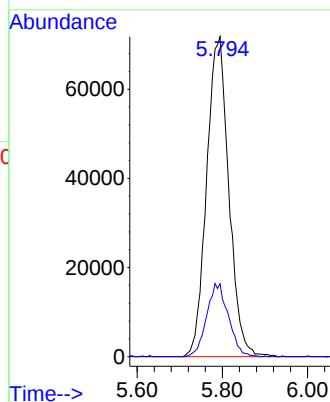
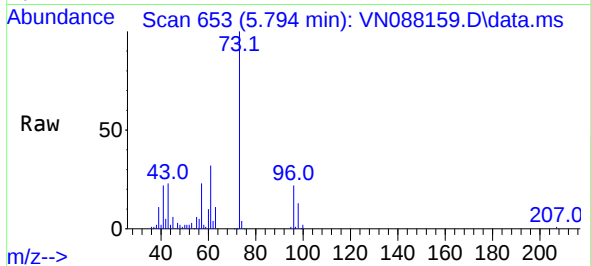




#19
Methyl tert-butyl Ether
Concen: 20.774 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

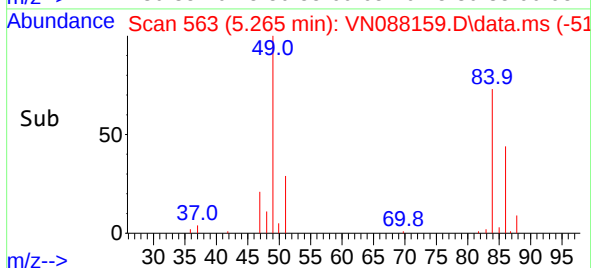
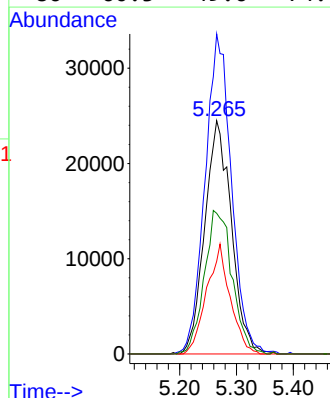
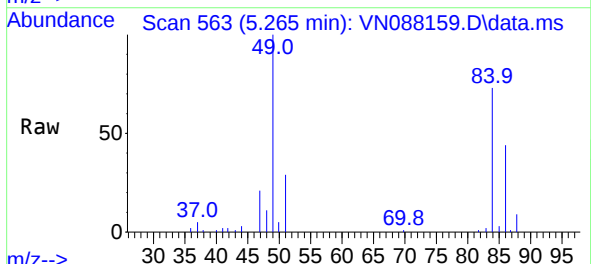
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

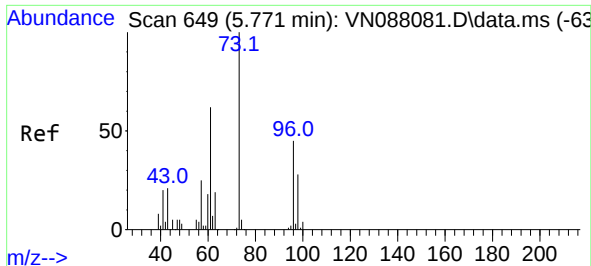
Tgt Ion: 73 Resp: 259696
Ion Ratio Lower Upper
73 100
57 22.8 18.4 27.6



#20
Methylene Chloride
Concen: 22.235 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 84 Resp: 79826
Ion Ratio Lower Upper
84 100
49 137.2 103.4 155.2
51 39.8 33.8 50.8
86 60.3 49.6 74.4

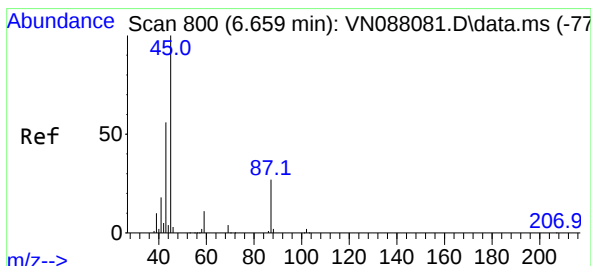
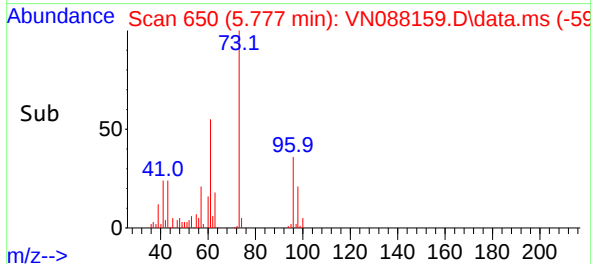
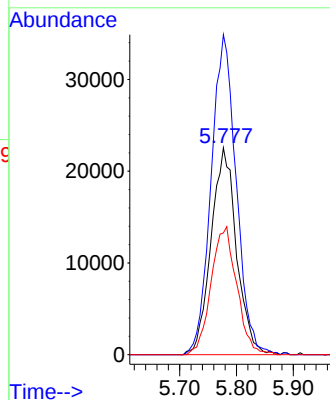
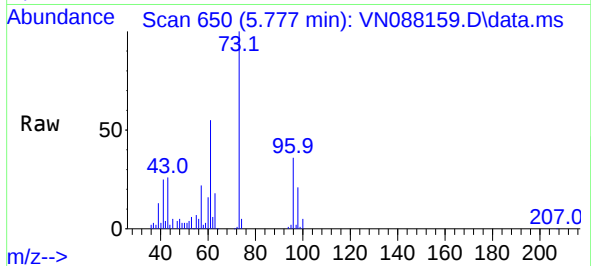




#21
trans-1,2-Dichloroethene
Concen: 18.789 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

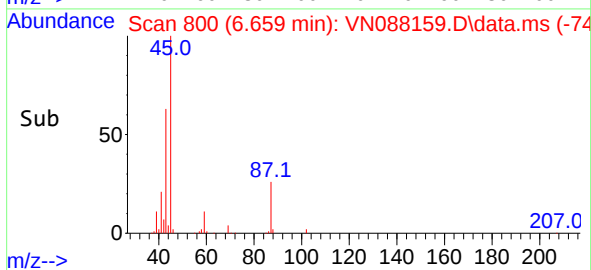
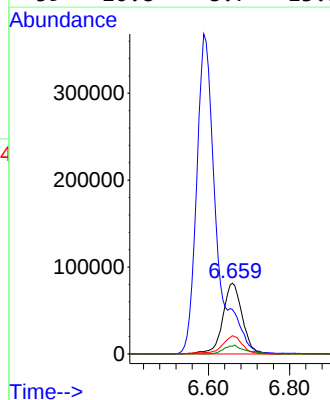
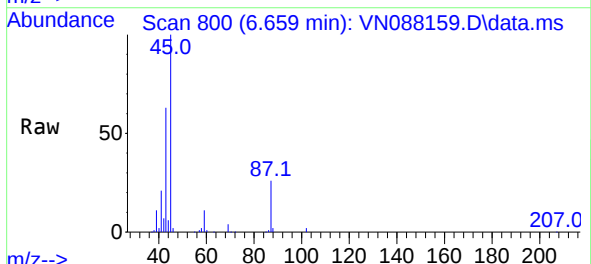
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

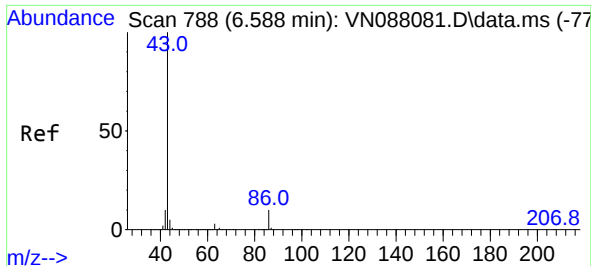
Tgt Ion: 96 Resp: 70203
Ion Ratio Lower Upper
96 100
61 154.7 118.0 177.0
98 58.9 50.0 75.0



#22
Diisopropyl ether
Concen: 21.620 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 45 Resp: 271281
Ion Ratio Lower Upper
45 100
43 61.8 47.7 71.5
87 25.7 21.4 32.0
59 10.8 8.7 13.1

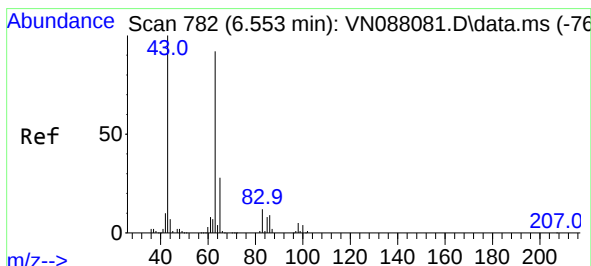
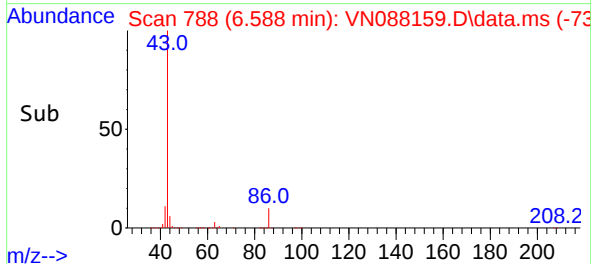
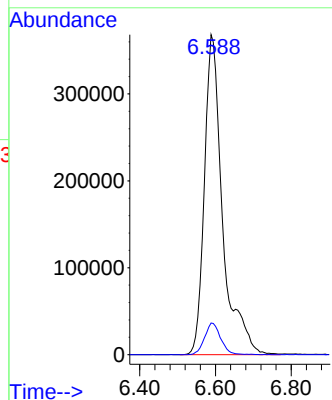
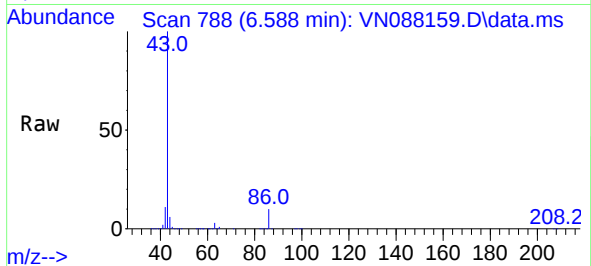




#23
 Vinyl Acetate
 Concen: 108.401 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN088159.D
 Acq: 29 Oct 2025 14:47

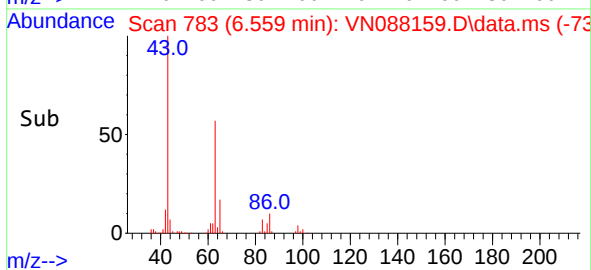
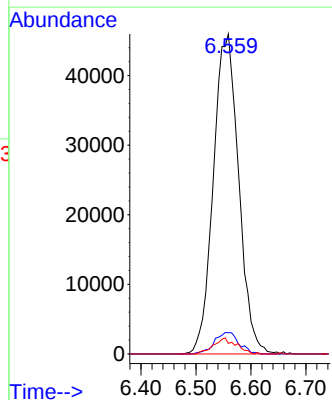
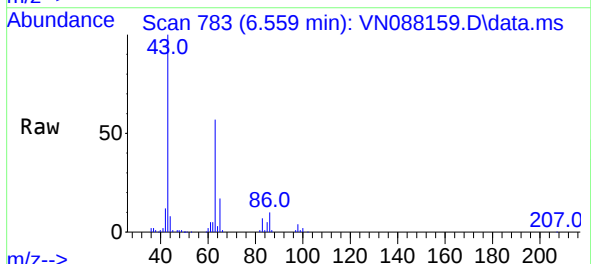
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029MBS01

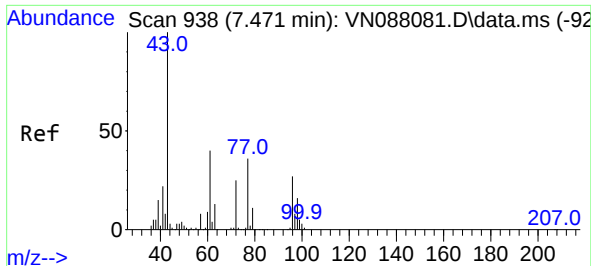
Tgt Ion: 43 Resp: 1225214
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 21.148 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.012 min
 Lab File: VN088159.D
 Acq: 29 Oct 2025 14:47

Tgt Ion: 63 Resp: 146991
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 3.3 2.0 6.0

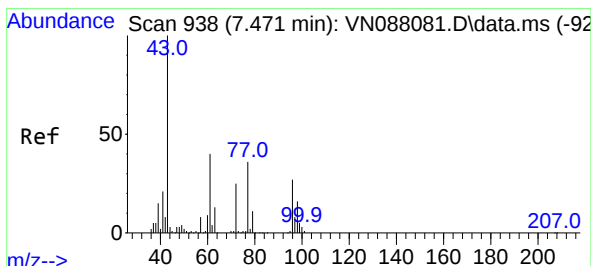
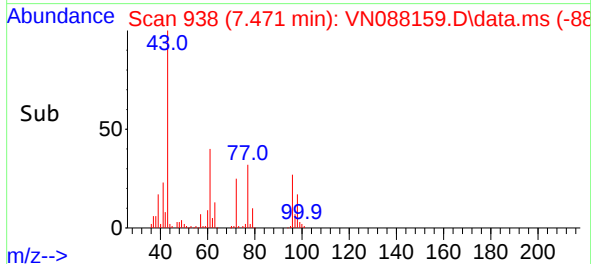
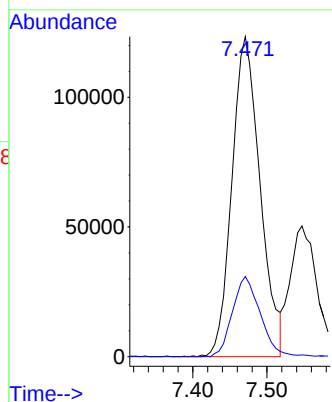
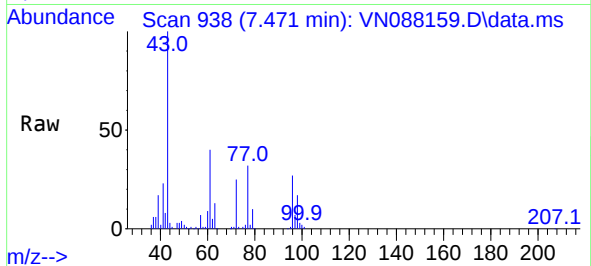




#25
2-Butanone
Concen: 105.249 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

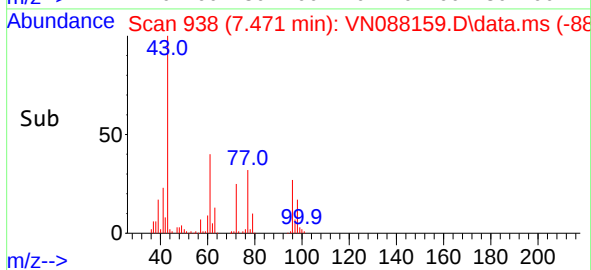
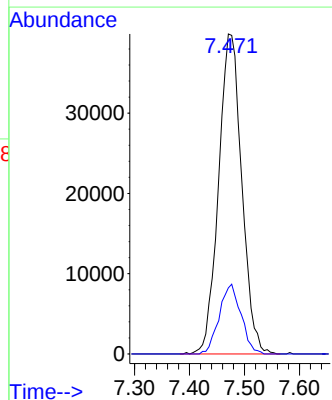
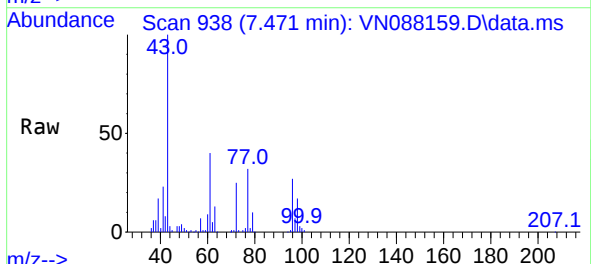
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

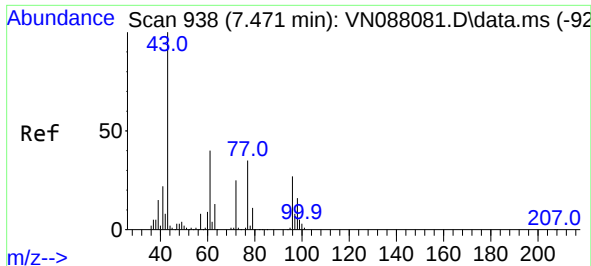
Tgt Ion: 43 Resp: 326331
Ion Ratio Lower Upper
43 100
72 25.1 19.9 29.9



#26
2,2-Dichloropropane
Concen: 18.486 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 77 Resp: 116764
Ion Ratio Lower Upper
77 100
97 20.5 10.9 32.7

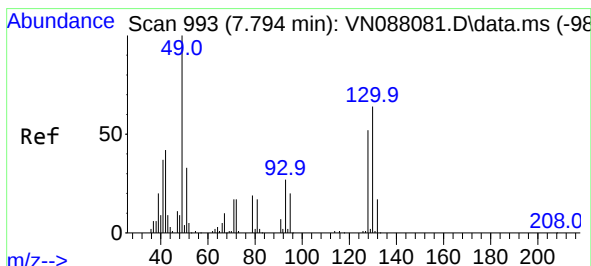
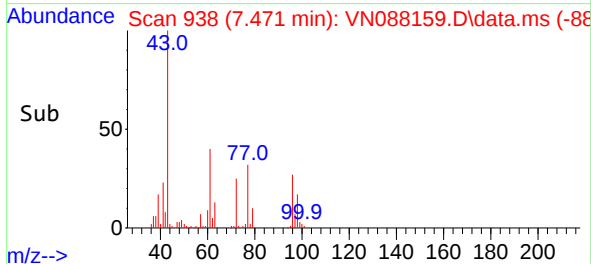
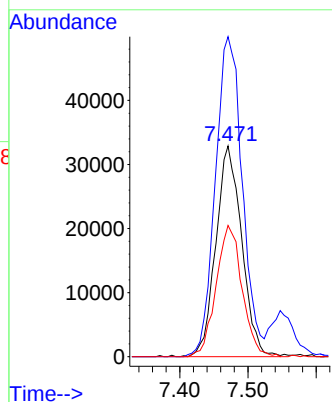
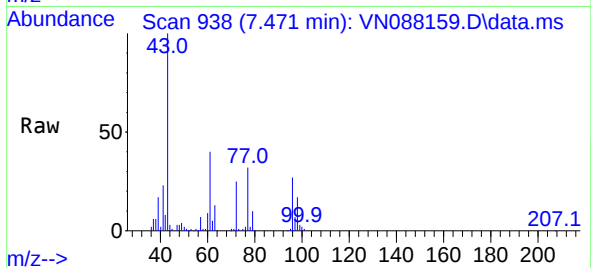




#27
cis-1,2-Dichloroethene
Concen: 20.180 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

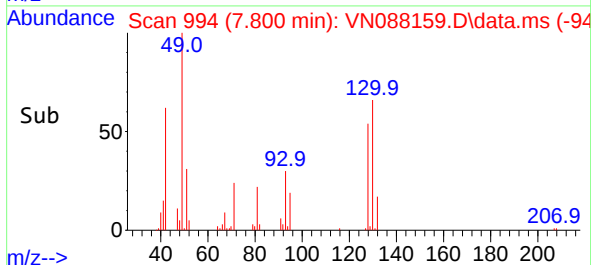
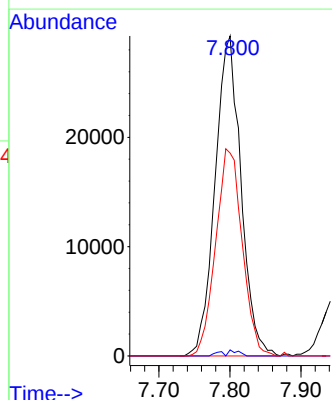
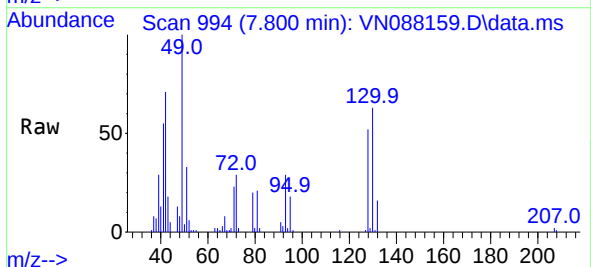
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

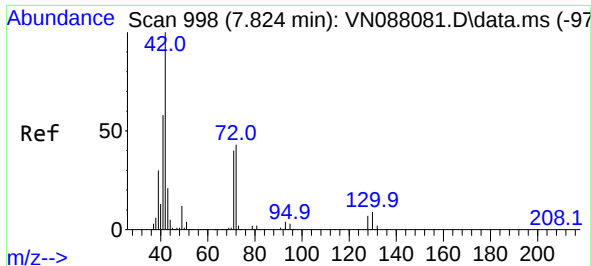
Tgt Ion: 96 Resp: 86800
Ion Ratio Lower Upper
96 100
61 158.5 0.0 301.8
98 62.5 0.0 126.2



#28
Bromochloromethane
Concen: 22.552 ug/l
RT: 7.800 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 49 Resp: 74066
Ion Ratio Lower Upper
49 100
129 0.7 0.0 3.0
130 66.2 53.1 79.7

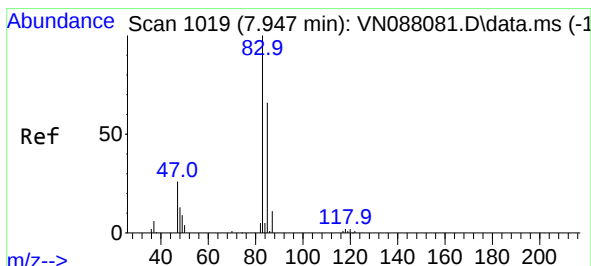
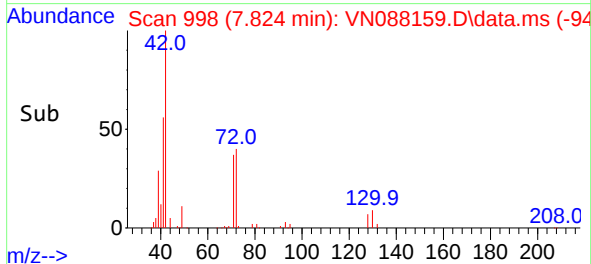
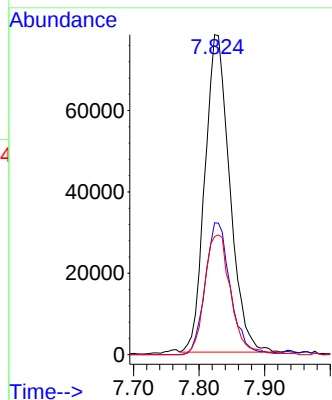
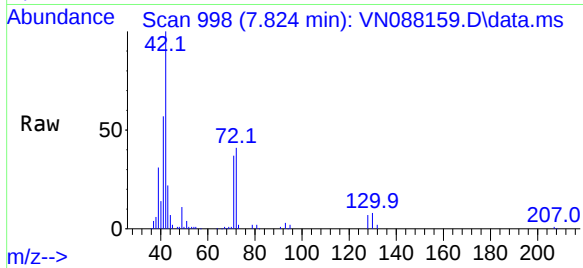




#29
Tetrahydrofuran
Concen: 101.869 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

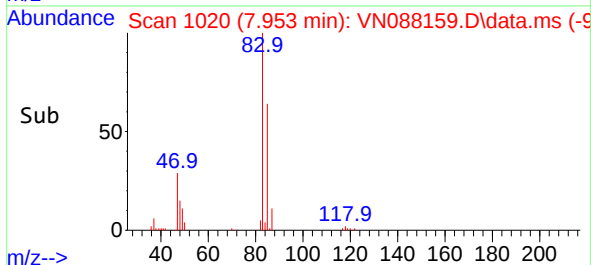
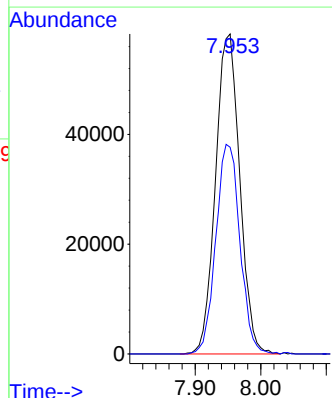
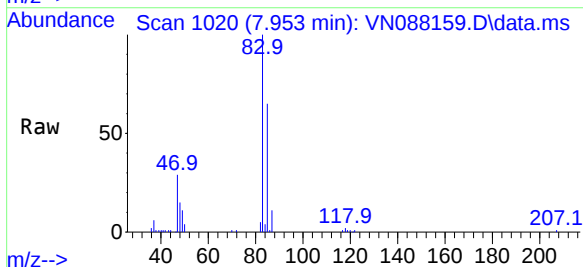
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

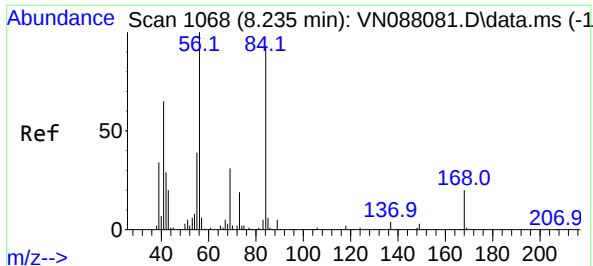
Tgt Ion: 42 Resp: 205840
Ion Ratio Lower Upper
42 100
72 42.2 33.7 50.5
71 39.4 31.9 47.9



#30
Chloroform
Concen: 21.530 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 83 Resp: 149501
Ion Ratio Lower Upper
83 100
85 64.6 50.7 76.1

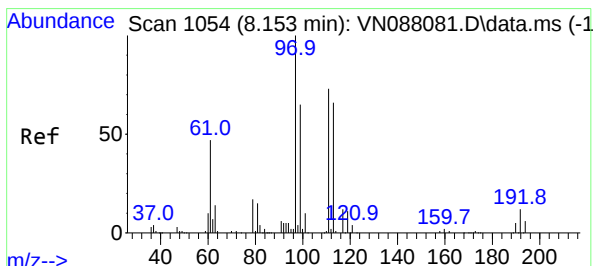
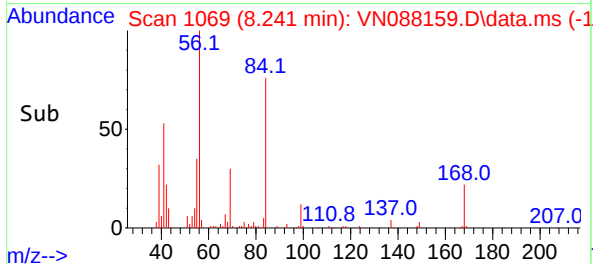
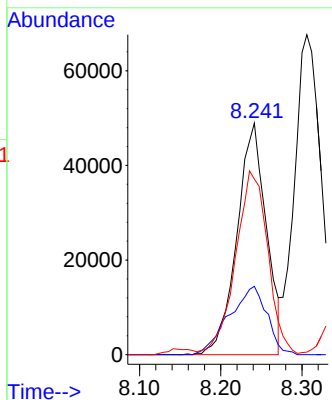
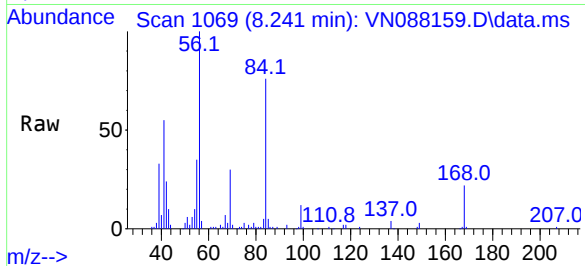




#31
Cyclohexane
Concen: 18.715 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

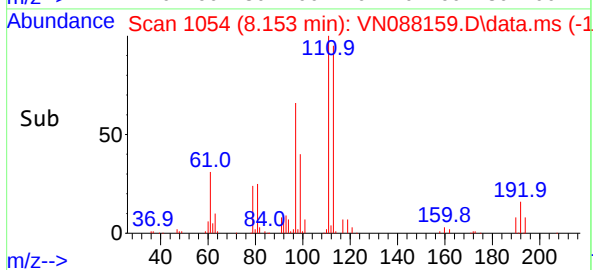
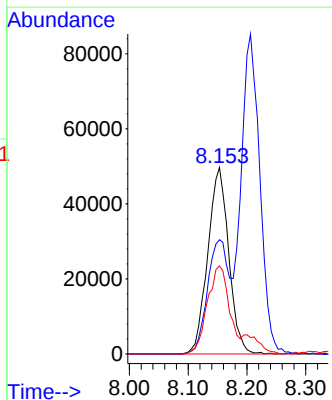
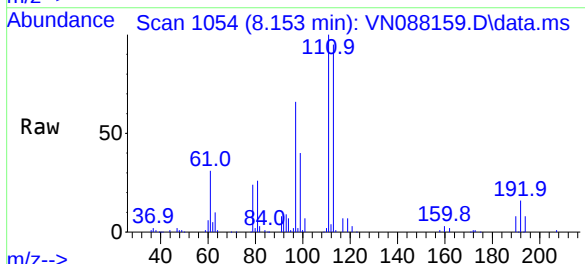
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

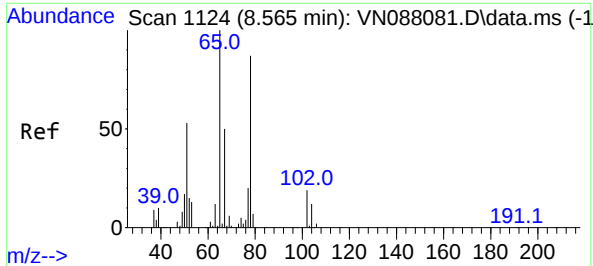
Tgt Ion: 56 Resp: 122682
Ion Ratio Lower Upper
56 100
69 28.6 23.7 35.5
84 73.5 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 19.878 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 97 Resp: 122932
Ion Ratio Lower Upper
97 100
99 65.9 52.2 78.2
61 49.4 41.2 61.8

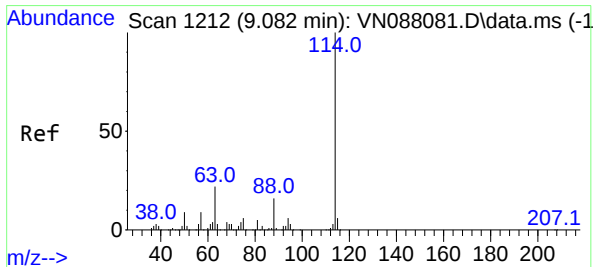
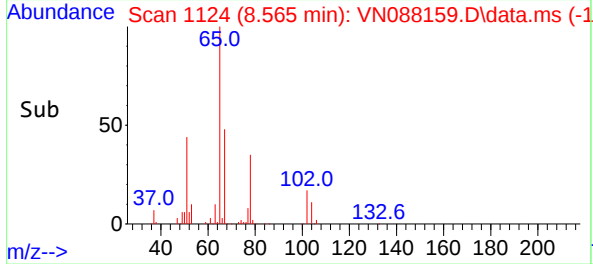
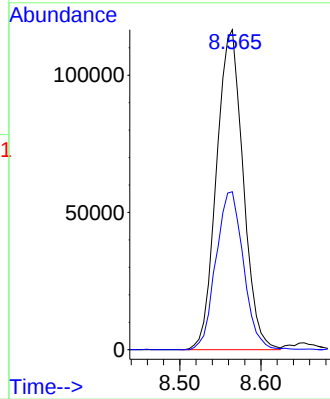
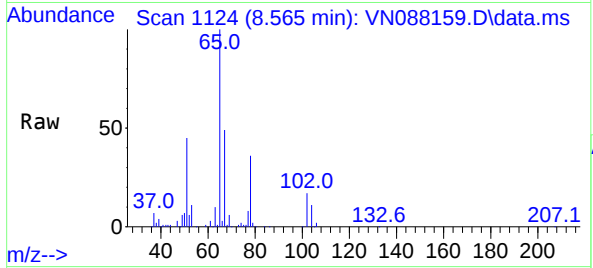




#33
1,2-Dichloroethane-d4
Concen: 56.736 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

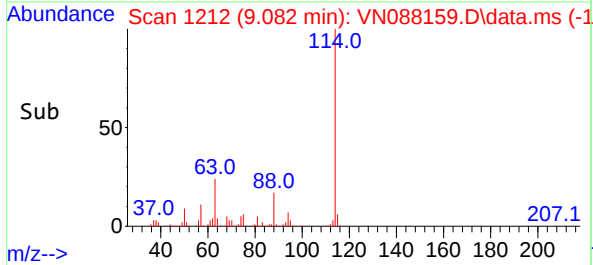
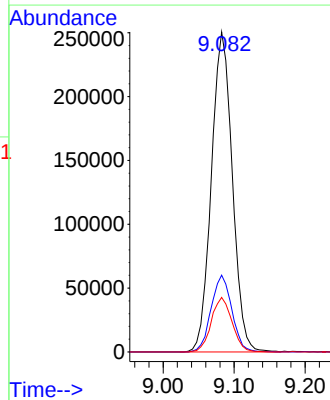
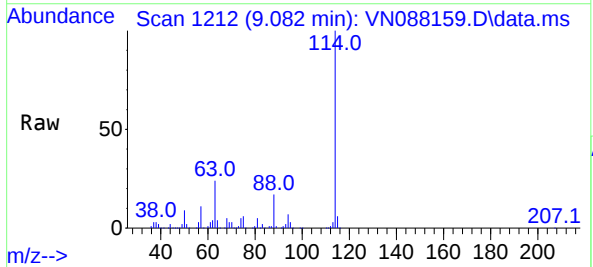
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

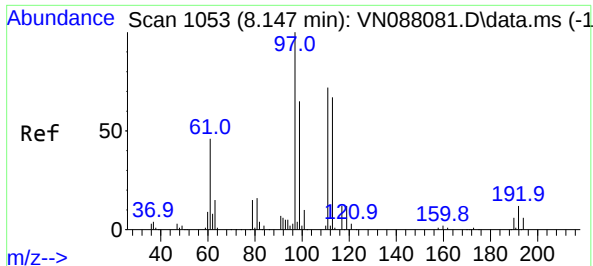
Tgt Ion: 65 Resp: 265699
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion:114 Resp: 513047
Ion Ratio Lower Upper
114 100
63 24.0 0.0 45.2
88 17.0 0.0 33.4

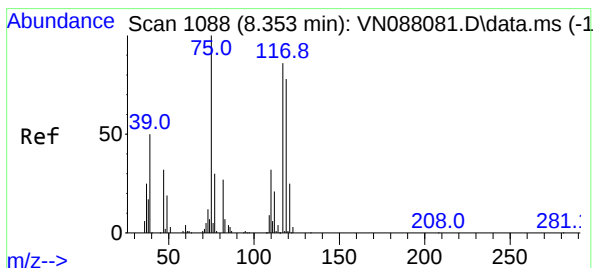
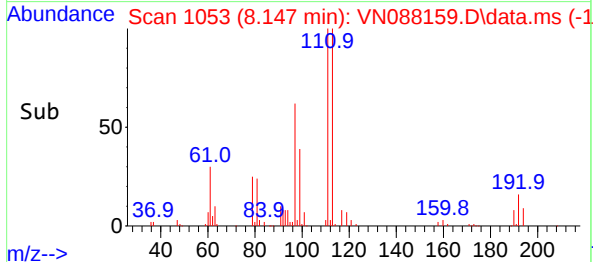
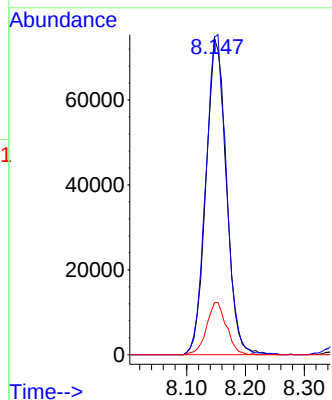
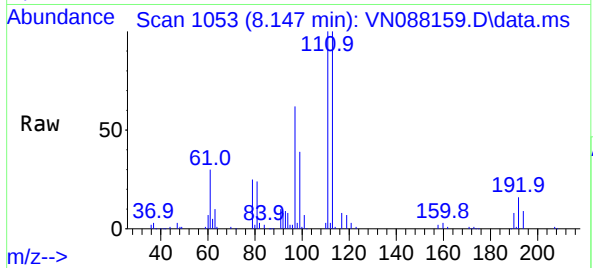




#35
Dibromofluoromethane
Concen: 52.175 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

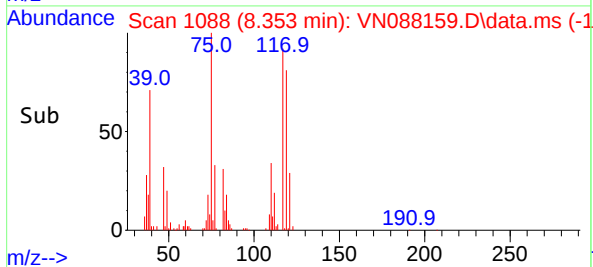
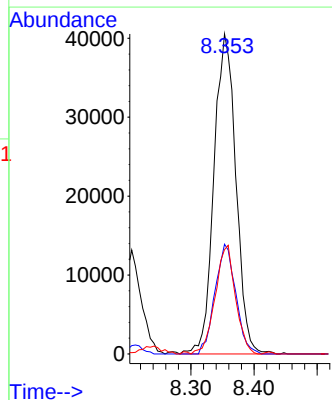
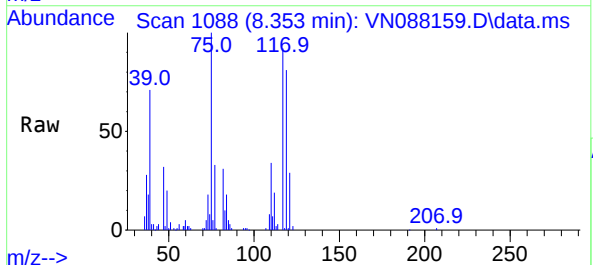
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

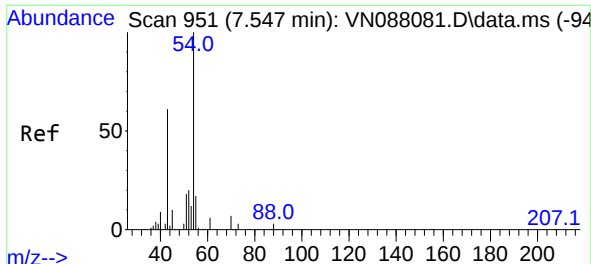
Tgt Ion:113 Resp: 179830
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 16.1 12.8 19.2



#36
1,1-Dichloropropene
Concen: 19.472 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 75 Resp: 97994
Ion Ratio Lower Upper
75 100
110 32.4 15.9 47.6
77 31.5 24.4 36.6

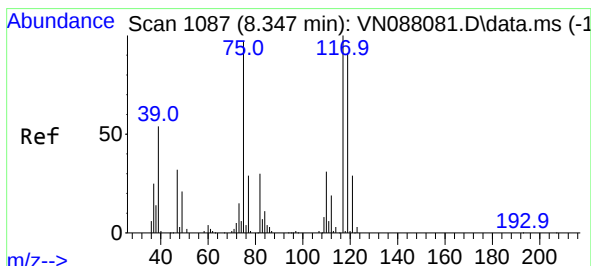
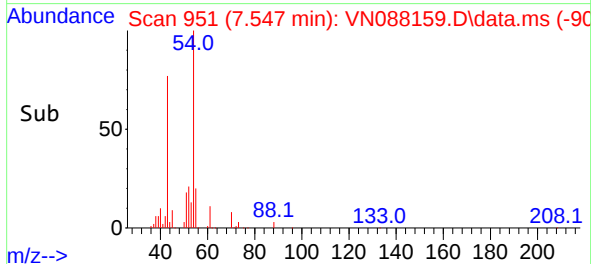
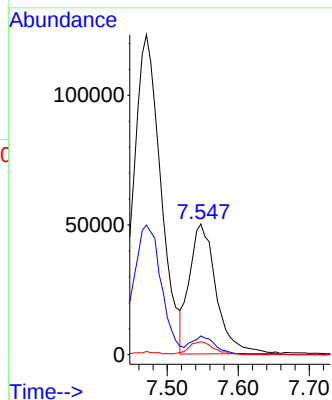
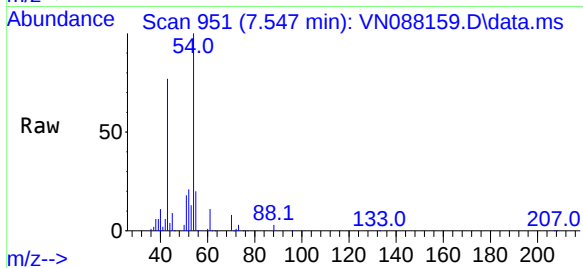




#37
Ethyl Acetate
Concen: 20.184 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

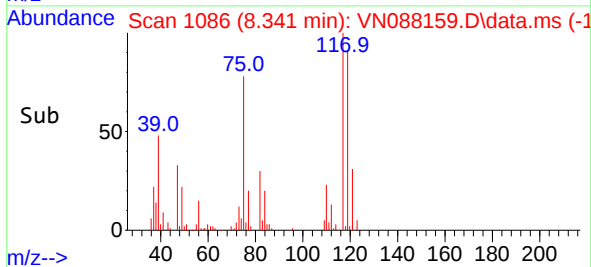
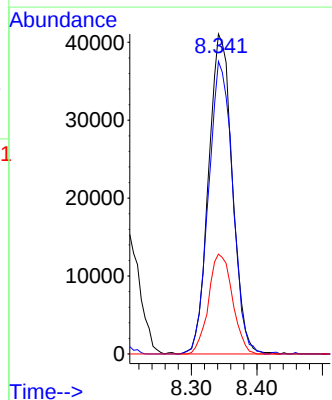
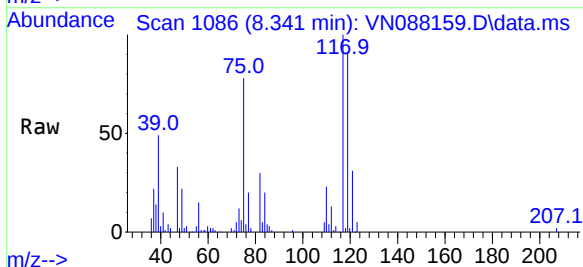
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

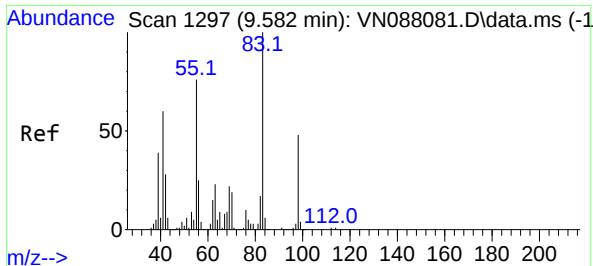
Tgt Ion: 43 Resp: 131083
Ion Ratio Lower Upper
43 100
61 13.1 9.3 13.9
70 9.4 7.0 10.6



#38
Carbon Tetrachloride
Concen: 19.826 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 117 Resp: 103049
Ion Ratio Lower Upper
117 100
119 91.4 79.0 118.6
121 31.2 25.0 37.6





#39

Methylcyclohexane

Concen: 17.307 ug/l

RT: 9.582 min Scan# 1119

Delta R.T. -0.000 min

Lab File: VN088159.D

Acq: 29 Oct 2025 14:47

Instrument :

MSVOA_N

ClientSampleId :

VN1029MBS01

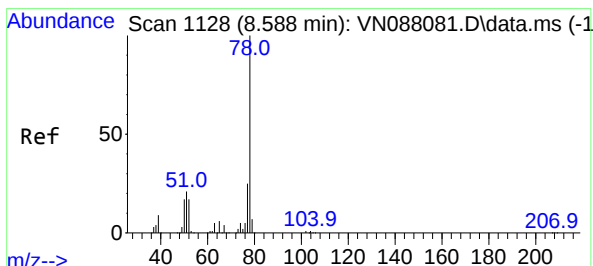
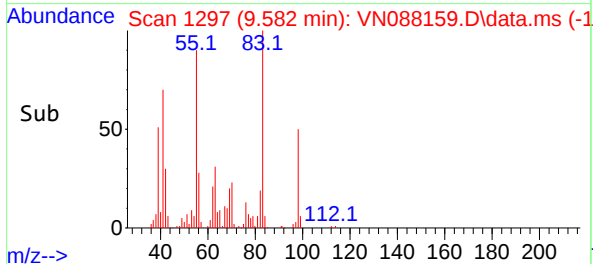
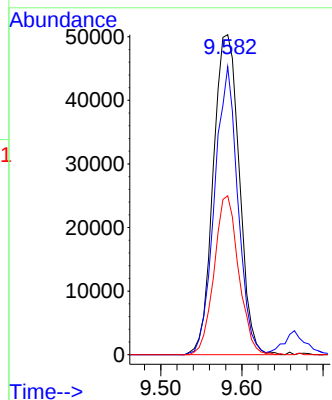
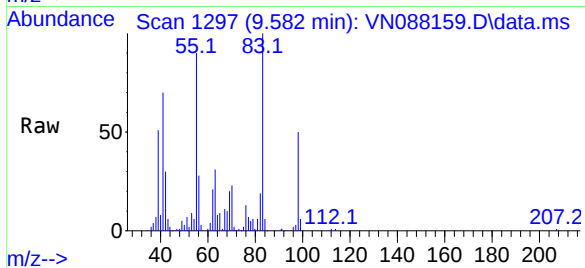
Tgt Ion: 83 Resp: 111957

Ion Ratio Lower Upper

83 100

55 90.0 64.6 96.8

98 49.6 38.4 57.6



#40

Benzene

Concen: 20.062 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088159.D

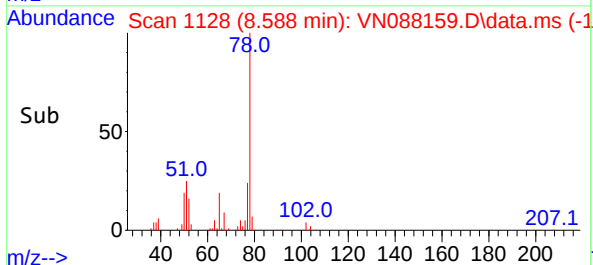
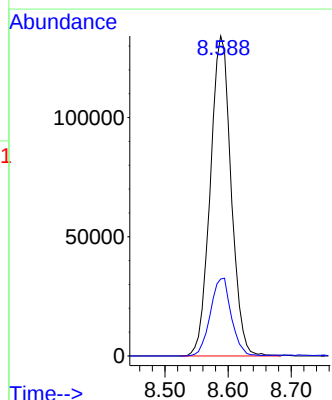
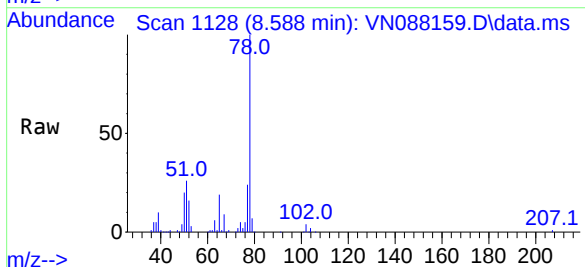
Acq: 29 Oct 2025 14:47

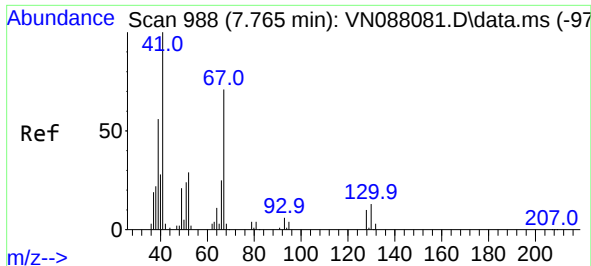
Tgt Ion: 78 Resp: 307478

Ion Ratio Lower Upper

78 100

77 24.0 19.7 29.5



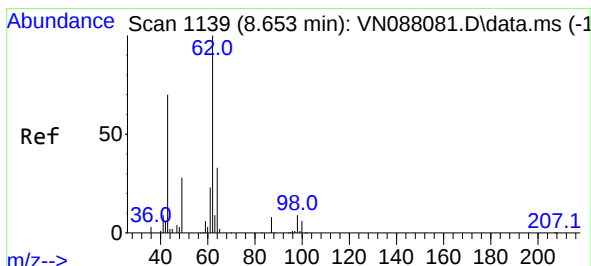
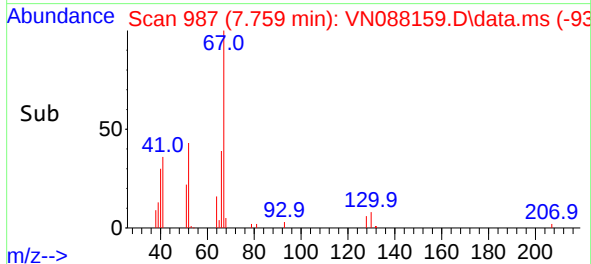
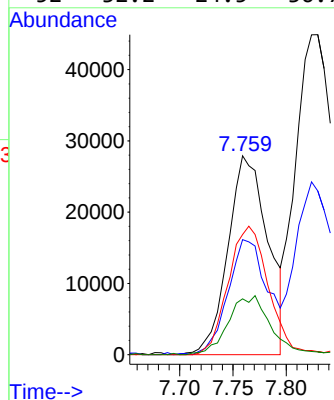
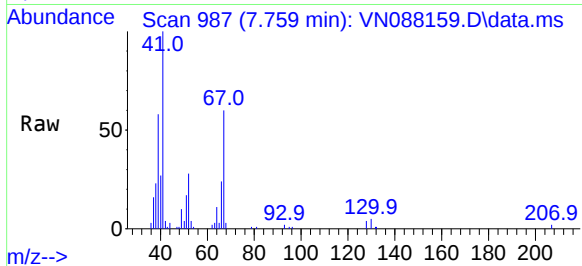


#41
Methacrylonitrile
Concen: 21.300 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

Tgt Ion: 41 Resp: 72804

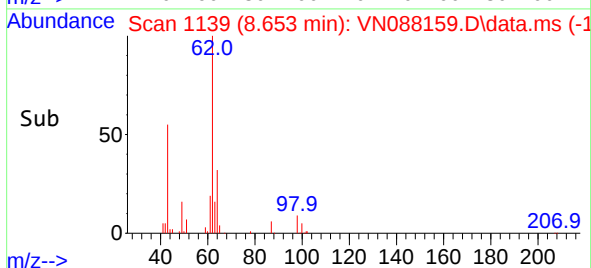
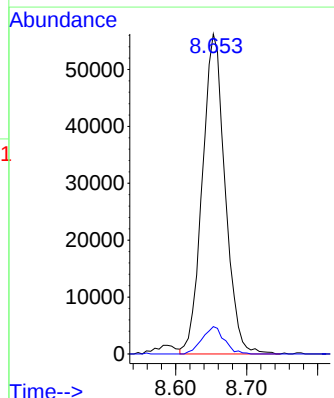
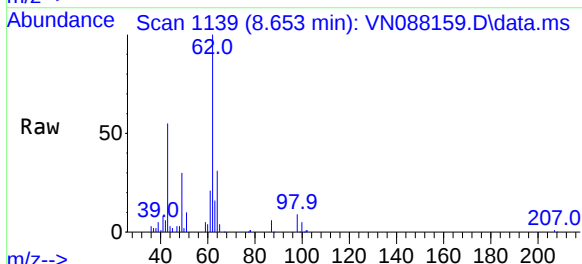
Ion	Ratio	Lower	Upper
41	100		
39	56.3	45.4	68.0
67	65.5	55.3	82.9
52	32.2	24.5	36.7

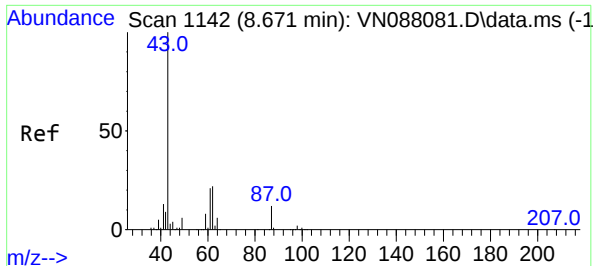


#42
1,2-Dichloroethane
Concen: 23.018 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 62 Resp: 125346

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.4

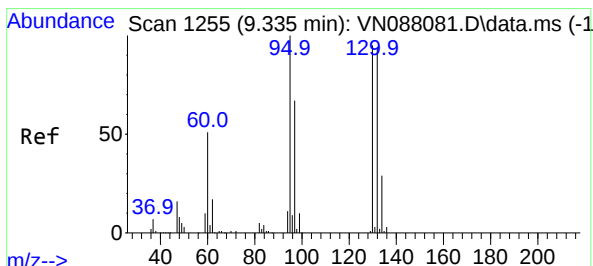
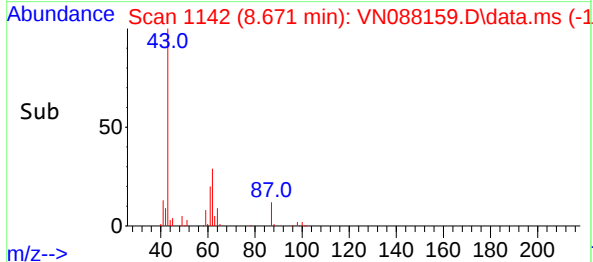
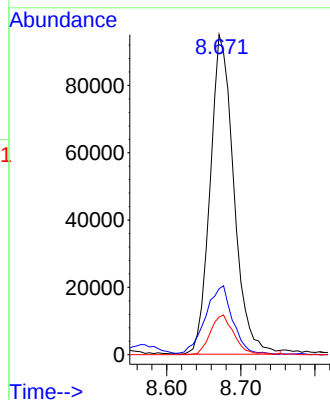
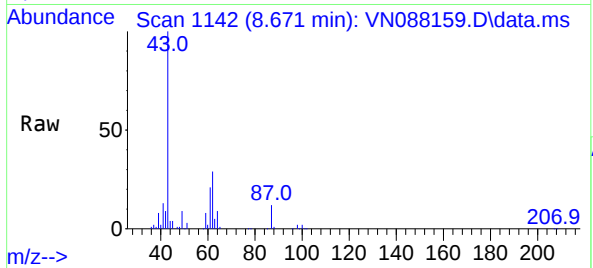




#43
Isopropyl Acetate
Concen: 21.127 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

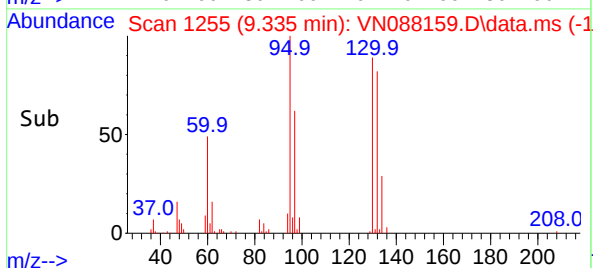
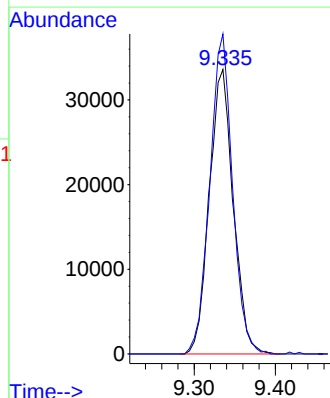
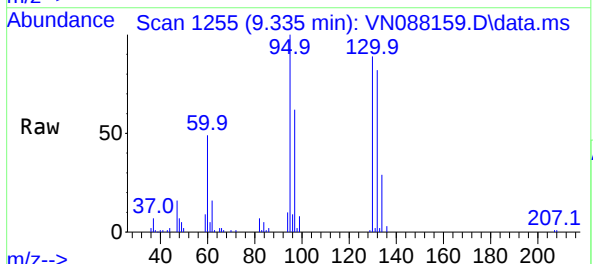
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

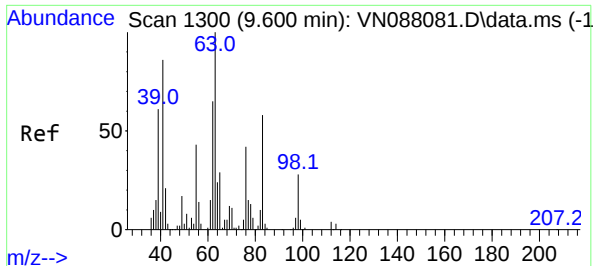
Tgt Ion: 43 Resp: 210835
Ion Ratio Lower Upper
43 100
61 24.7 18.8 28.2
87 12.5 9.6 14.4



#44
Trichloroethene
Concen: 19.224 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion:130 Resp: 68868
Ion Ratio Lower Upper
130 100
95 112.5 0.0 212.0

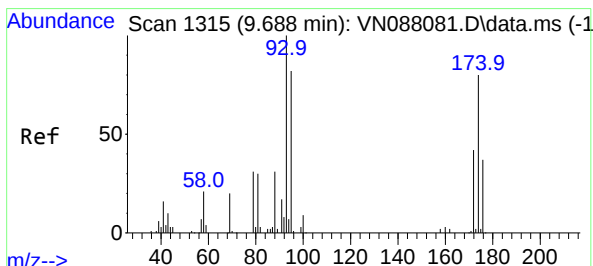
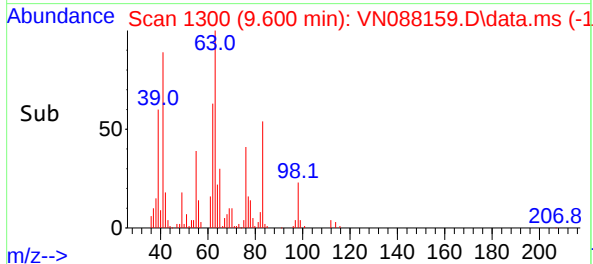
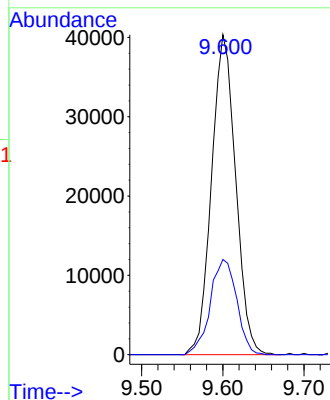
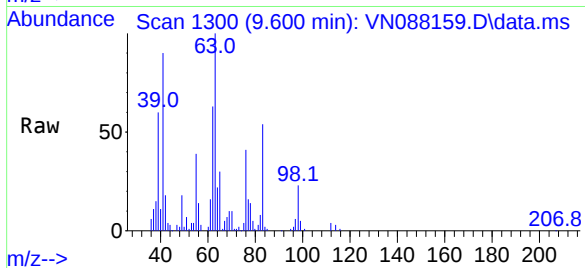




#45
1,2-Dichloropropane
Concen: 21.525 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

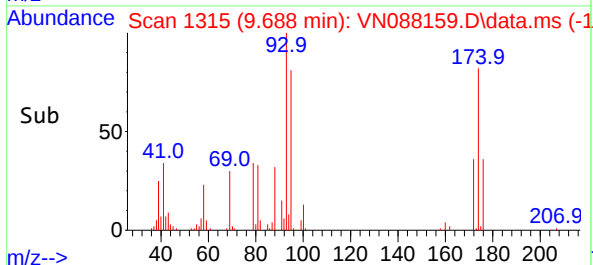
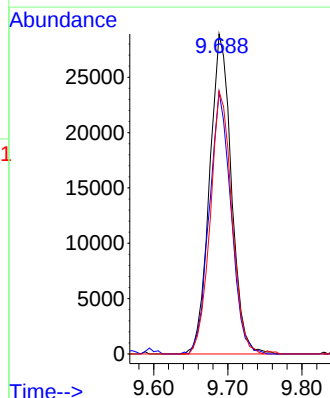
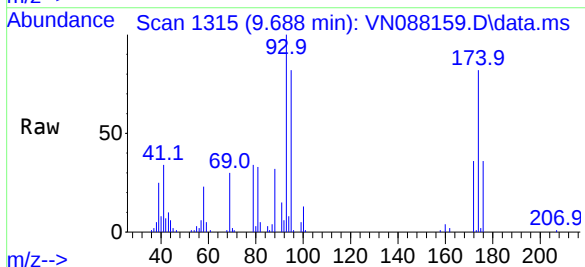
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

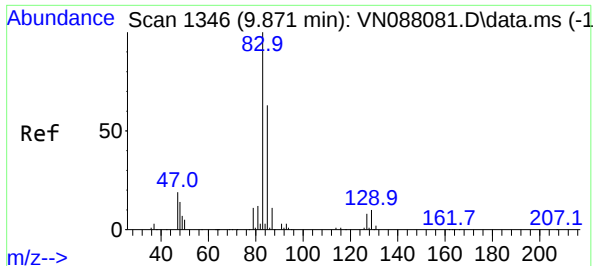
Tgt Ion: 63 Resp: 83287
Ion Ratio Lower Upper
63 100
65 29.8 25.0 37.4



#46
Dibromomethane
Concen: 21.398 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 93 Resp: 59050
Ion Ratio Lower Upper
93 100
95 81.7 66.2 99.4
174 81.0 63.4 95.2

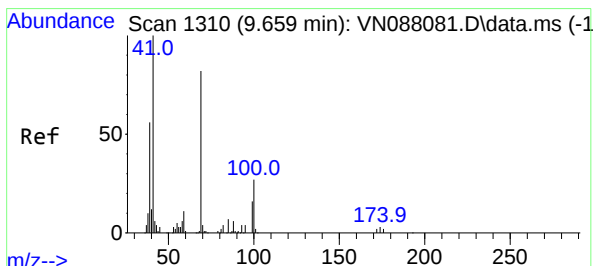
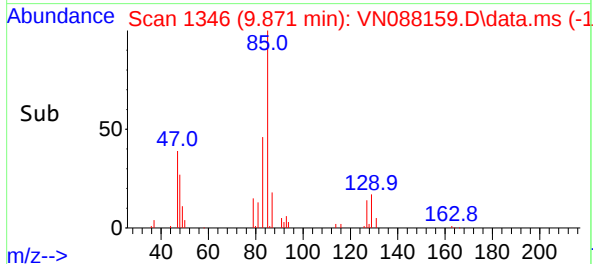
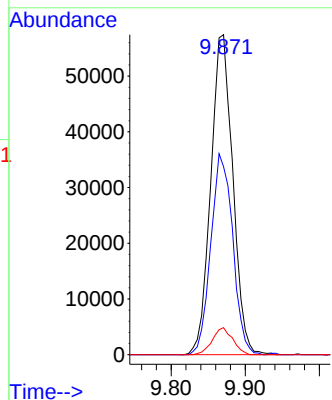
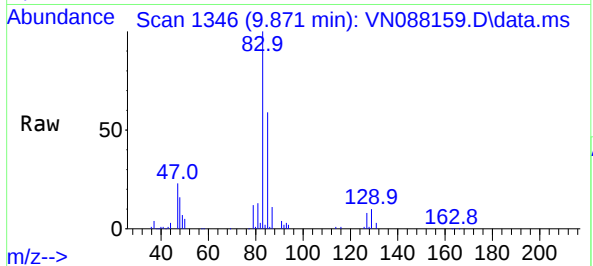




#47
Bromodichloromethane
Concen: 21.477 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

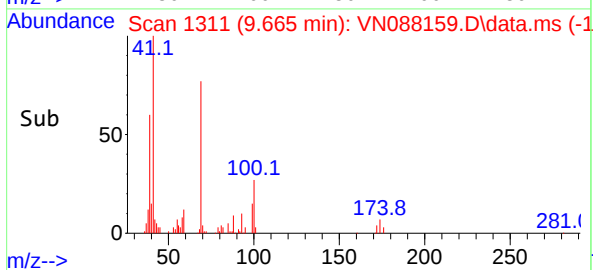
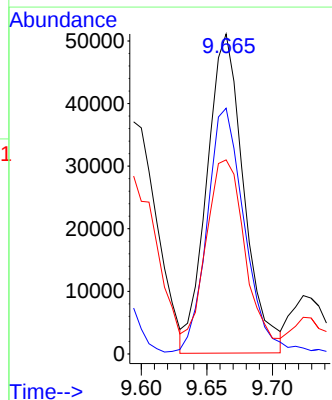
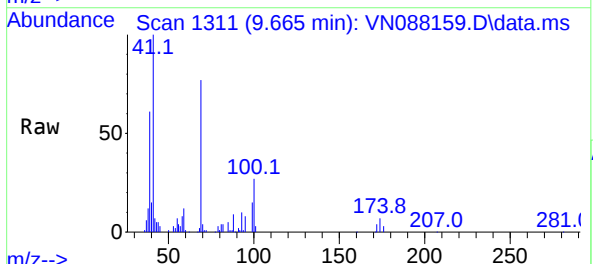
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

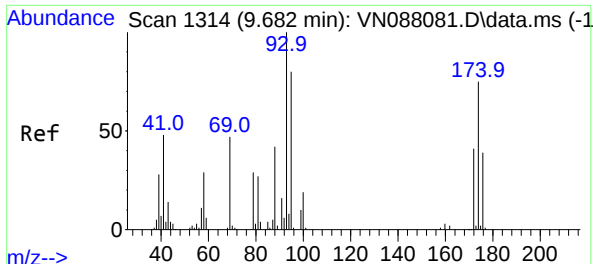
Tgt Ion: 83 Resp: 118661
Ion Ratio Lower Upper
83 100
85 58.8 52.5 78.7
127 8.5 5.8 8.6



#48
Methyl methacrylate
Concen: 21.704 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 41 Resp: 99999
Ion Ratio Lower Upper
41 100
69 78.3 62.7 94.1
39 65.2 52.9 79.3

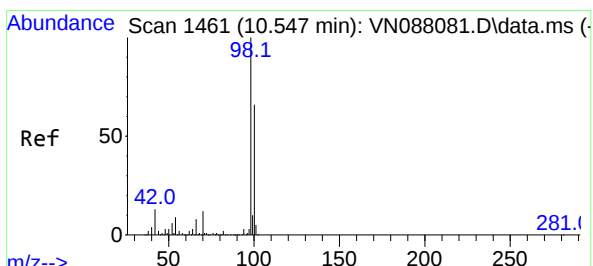
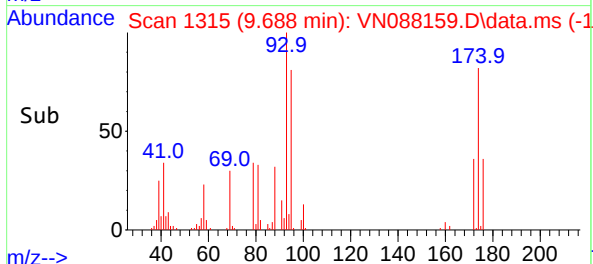
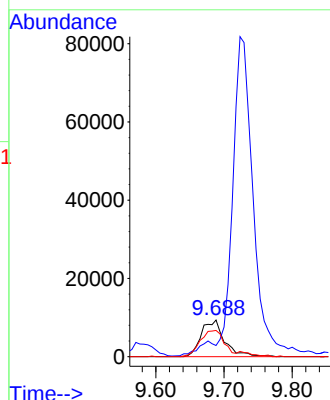
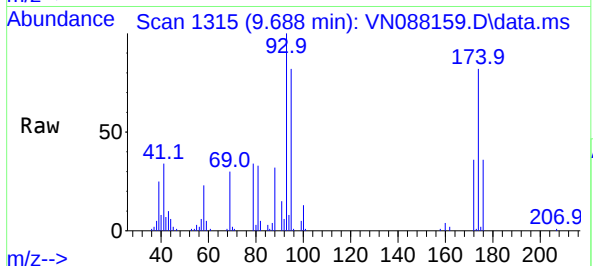




#49
1,4-Dioxane
Concen: 390.259 ug/l
RT: 9.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

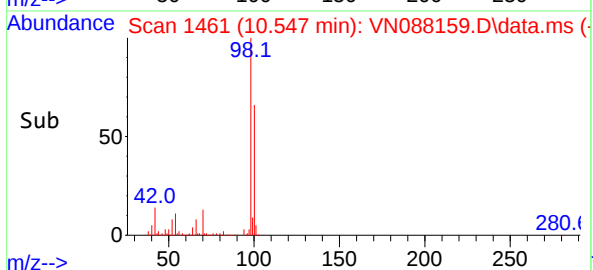
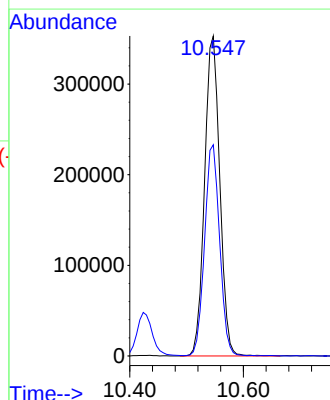
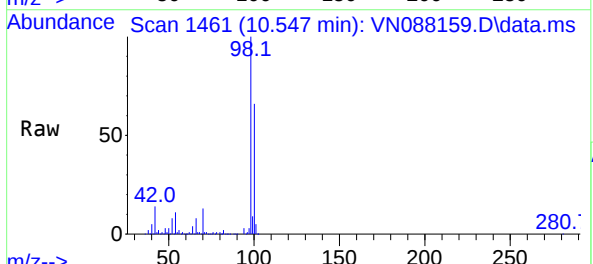
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

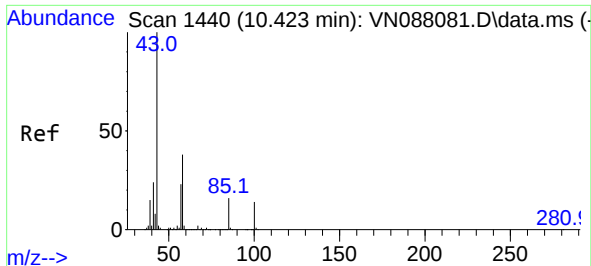
Tgt Ion: 88 Resp: 22363
Ion Ratio Lower Upper
88 100
43 30.4 0.0 0.0#
58 73.8 57.9 86.9



#50
Toluene-d8
Concen: 49.182 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 98 Resp: 653165
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2

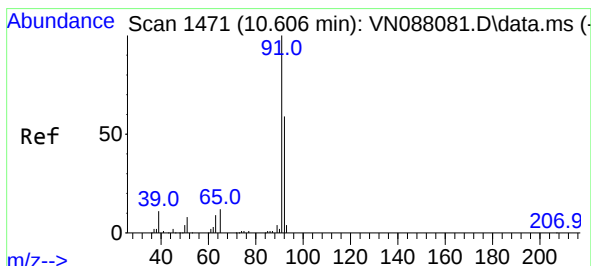
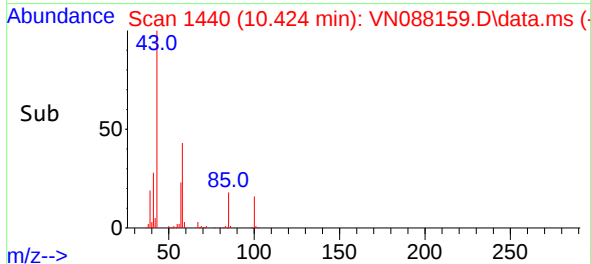
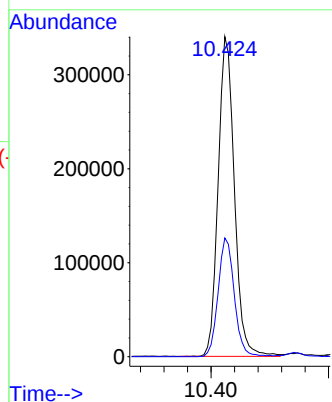
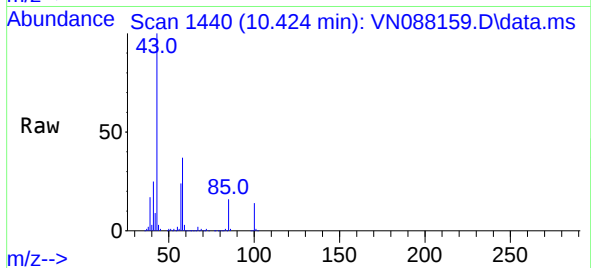




#51
4-Methyl-2-Pentanone
Concen: 110.667 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

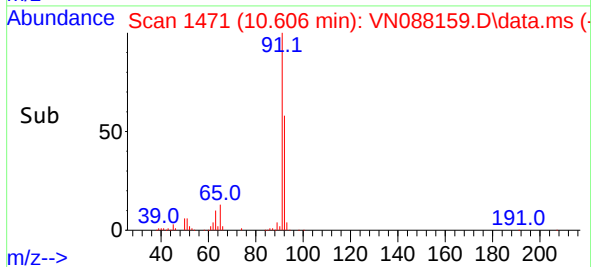
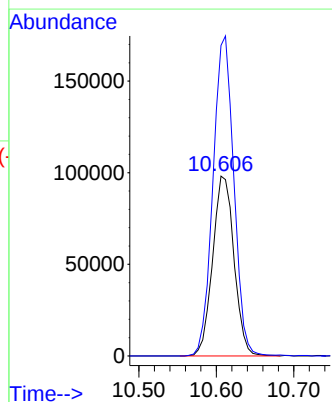
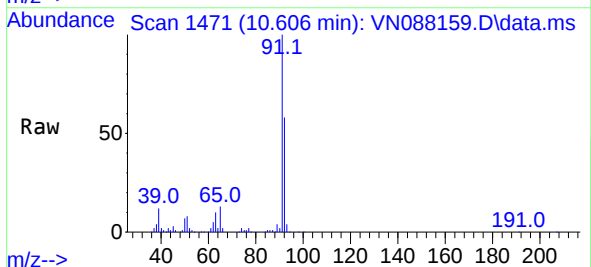
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

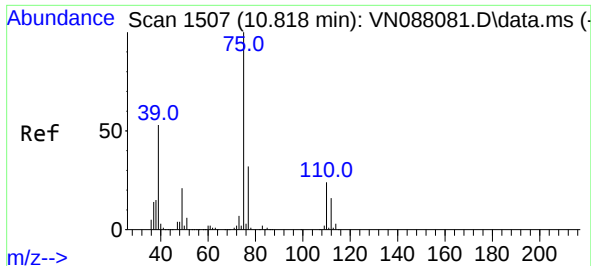
Tgt Ion: 43 Resp: 653343
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4



#52
Toluene
Concen: 19.879 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 92 Resp: 187841
Ion Ratio Lower Upper
92 100
91 173.8 140.4 210.6

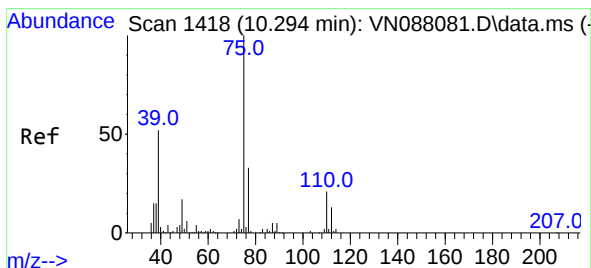
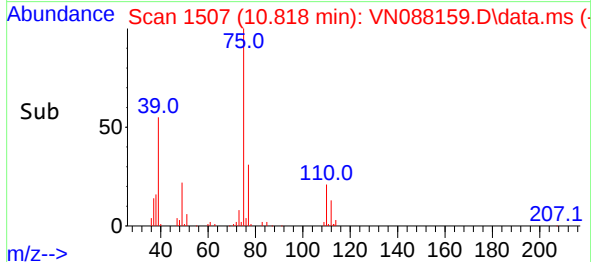
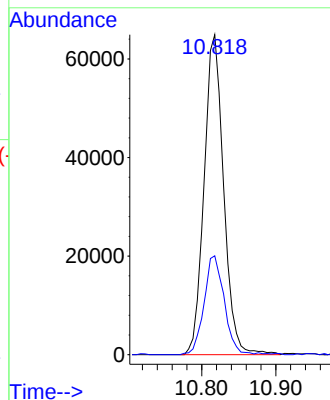
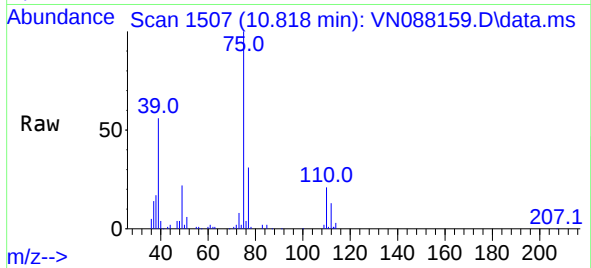




#53
t-1,3-Dichloropropene
Concen: 20.222 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

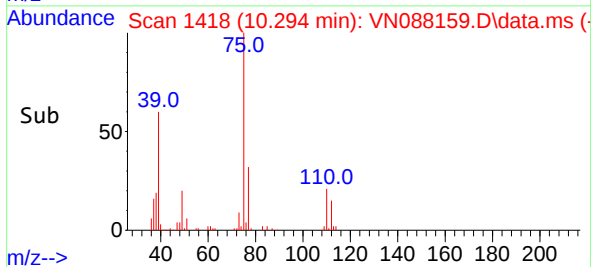
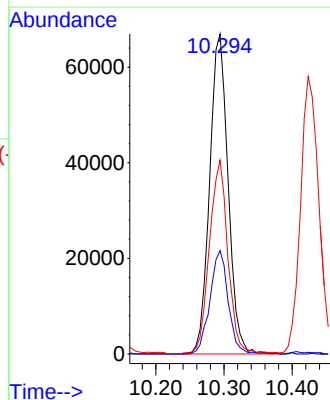
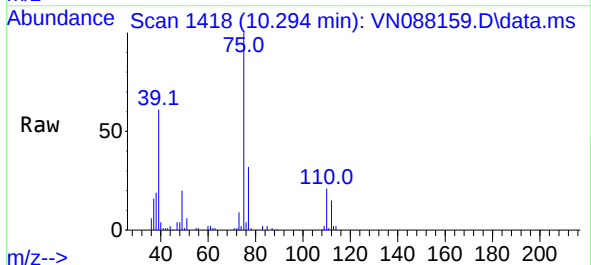
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

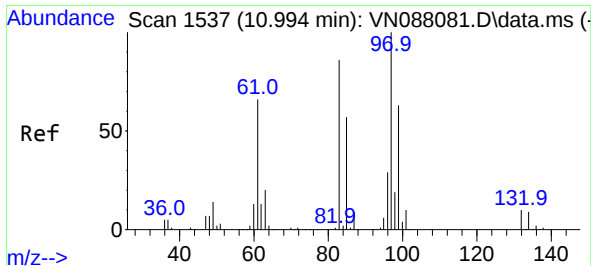
Tgt Ion: 75 Resp: 118912
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 20.240 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 75 Resp: 126294
Ion Ratio Lower Upper
75 100
77 32.3 24.6 37.0
39 60.6 45.2 67.8

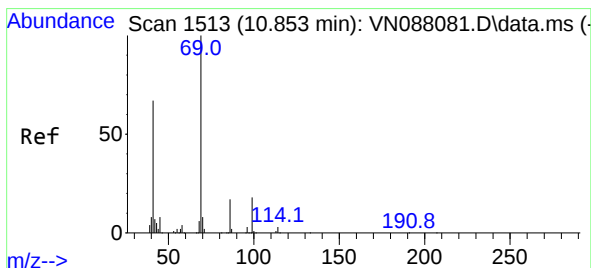
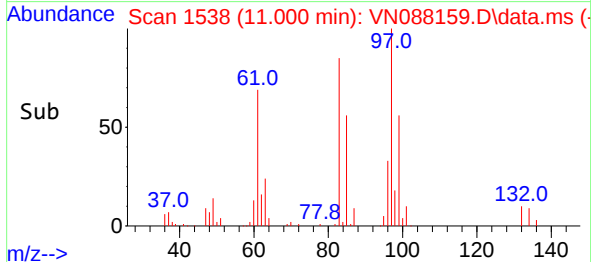
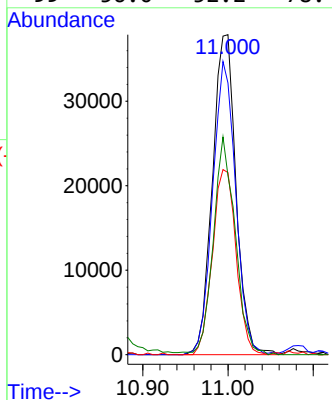
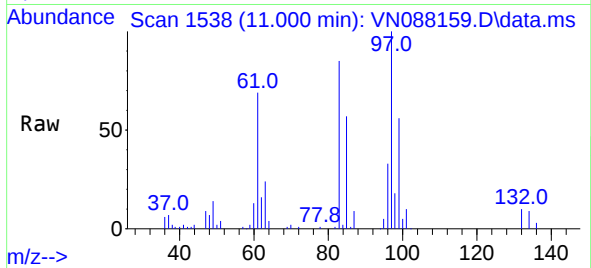




#55
1,1,2-Trichloroethane
Concen: 20.362 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

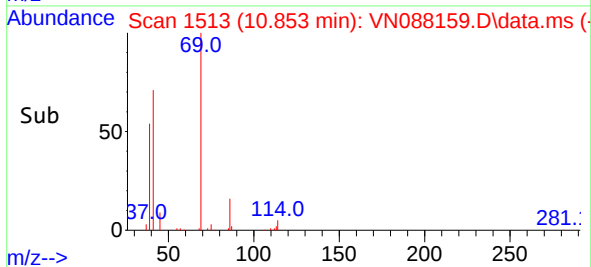
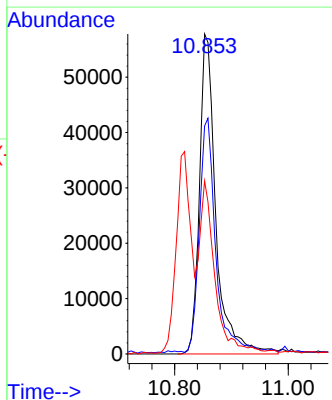
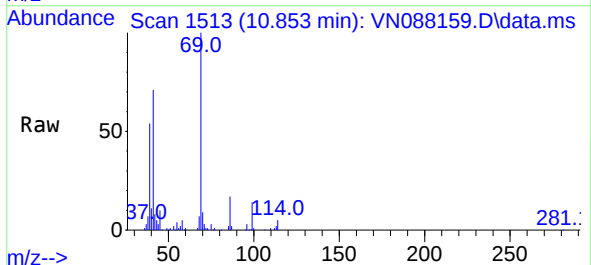
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

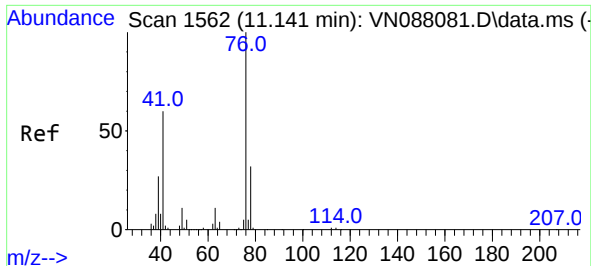
Tgt Ion:	97	Resp:	72996
Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.2	102.4
85	56.9	45.5	68.3
99	56.0	52.2	78.4



#56
Ethyl methacrylate
Concen: 20.498 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion:	69	Resp:	116292
Ion	Ratio	Lower	Upper
69	100		
41	73.1	56.5	84.7
39	49.0	34.2	51.4





#57

1,3-Dichloropropane

Concen: 21.251 ug/l

RT: 11.141 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088159.D

Acq: 29 Oct 2025 14:47

Instrument :

MSVOA_N

ClientSampleId :

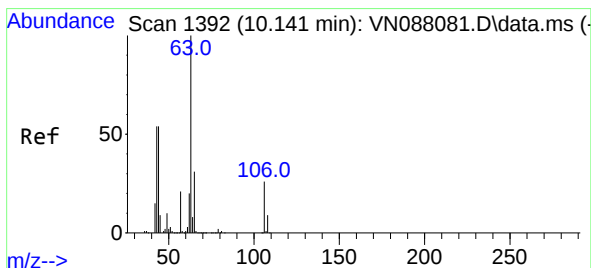
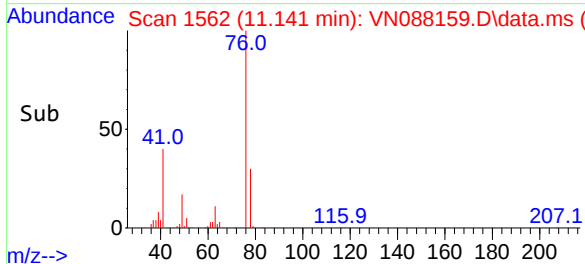
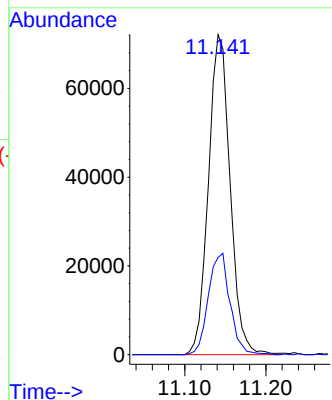
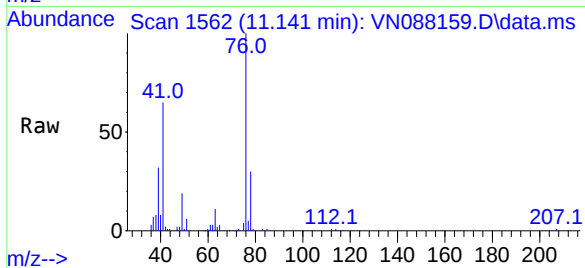
VN1029MBS01

Tgt Ion: 76 Resp: 133907

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 115.843 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088159.D

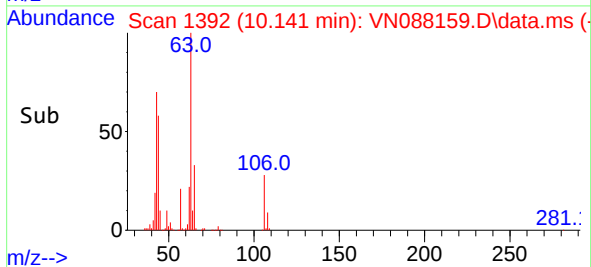
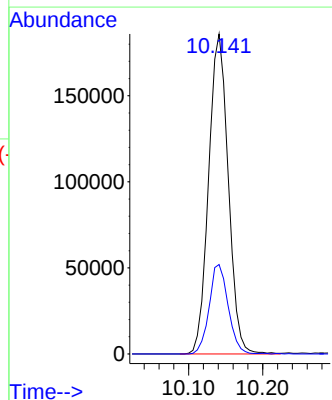
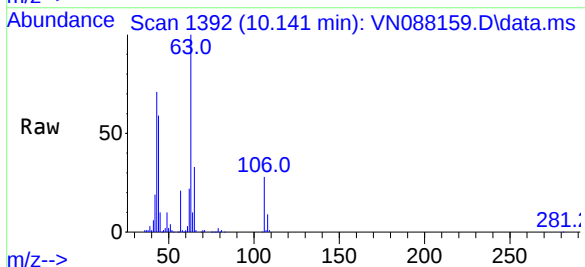
Acq: 29 Oct 2025 14:47

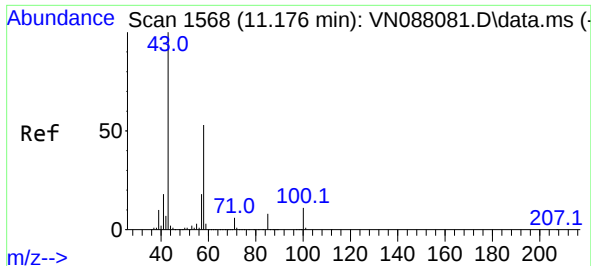
Tgt Ion: 63 Resp: 341851

Ion Ratio Lower Upper

63 100

106 27.1 21.1 31.7

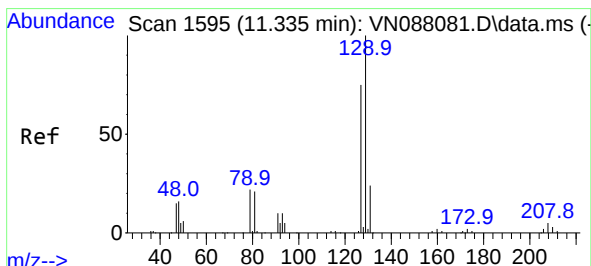
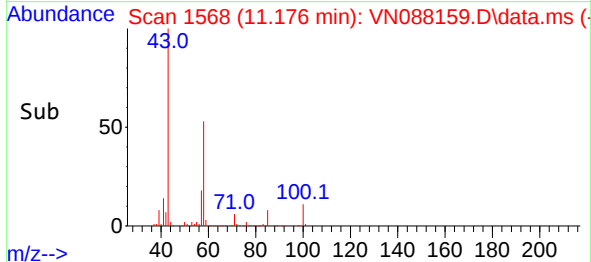
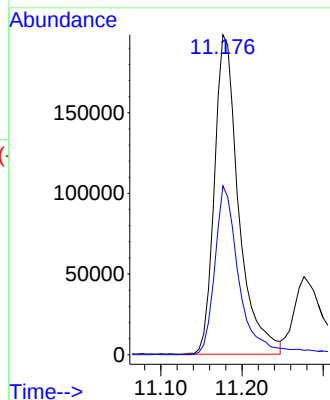
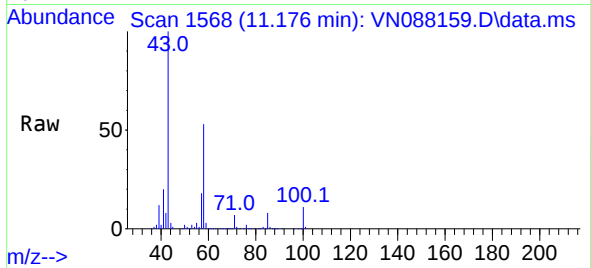




#59
2-Hexanone
Concen: 104.965 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

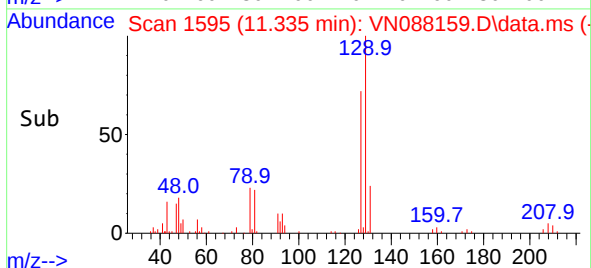
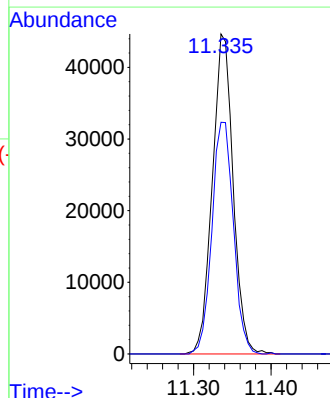
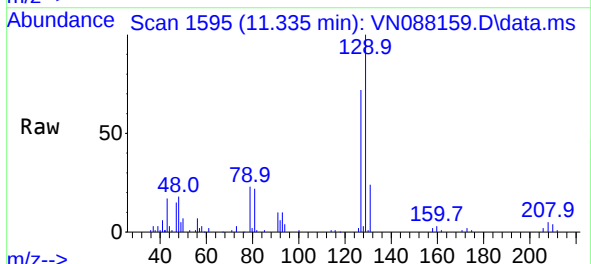
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

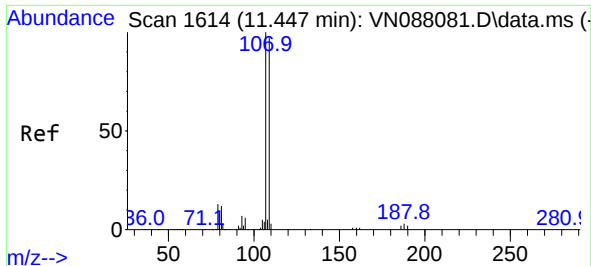
Tgt Ion: 43 Resp: 411081
Ion Ratio Lower Upper
43 100
58 54.4 25.9 77.8



#60
Dibromochloromethane
Concen: 20.428 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 129 Resp: 83238
Ion Ratio Lower Upper
129 100
127 74.8 39.1 117.3

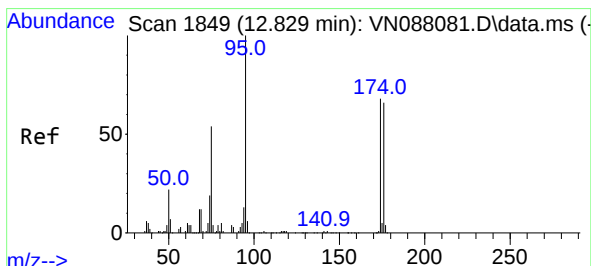
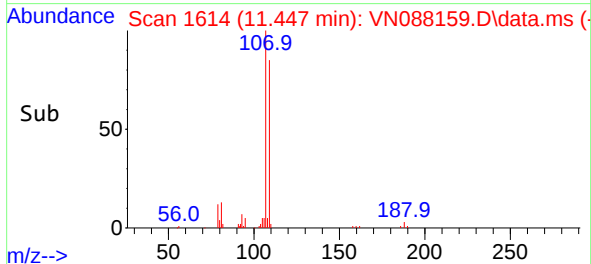
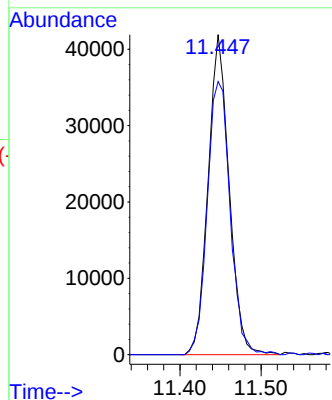
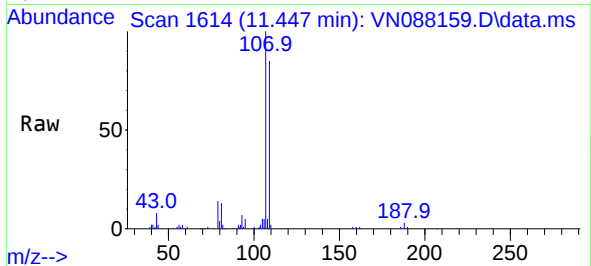




#61
1,2-Dibromoethane
Concen: 20.421 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

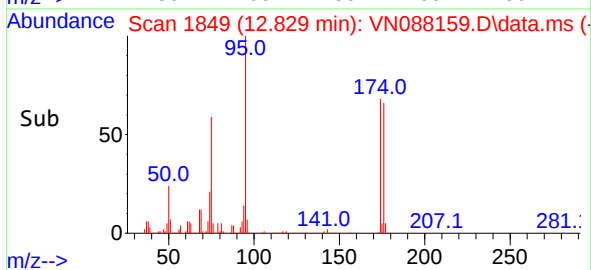
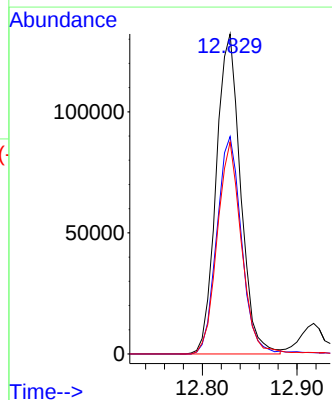
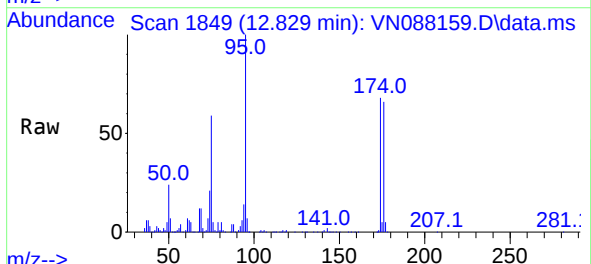
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

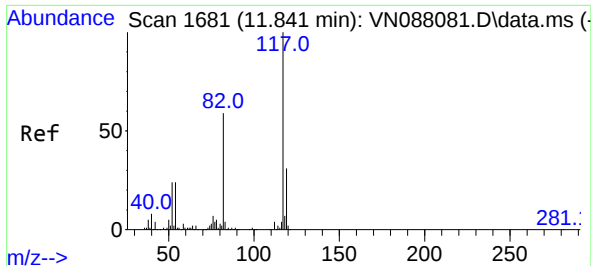
Tgt Ion:107 Resp: 75343
Ion Ratio Lower Upper
107 100
109 93.3 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 50.351 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 95 Resp: 236158
Ion Ratio Lower Upper
95 100
174 69.3 0.0 138.4
176 65.7 0.0 132.6

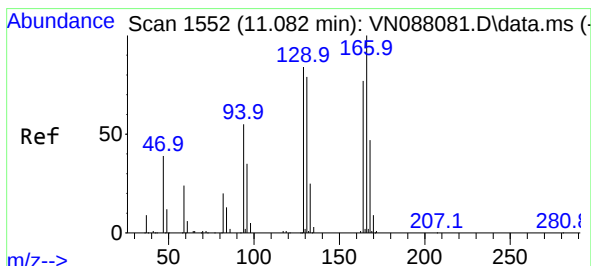
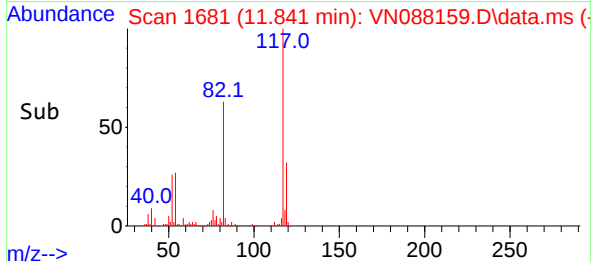
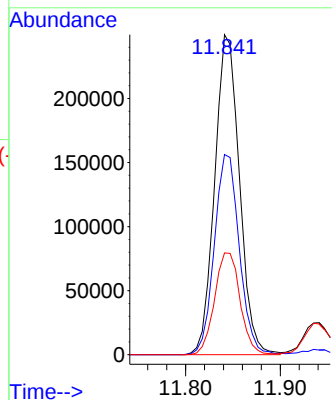
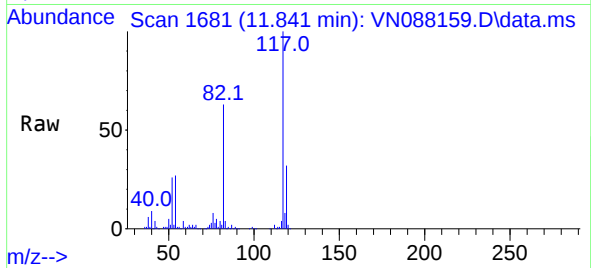




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

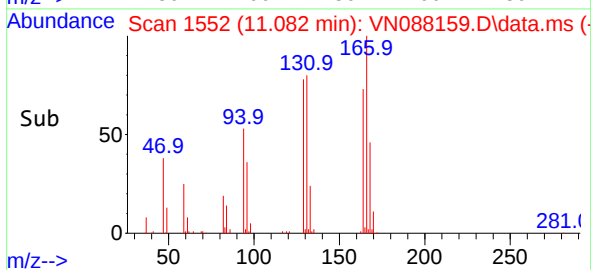
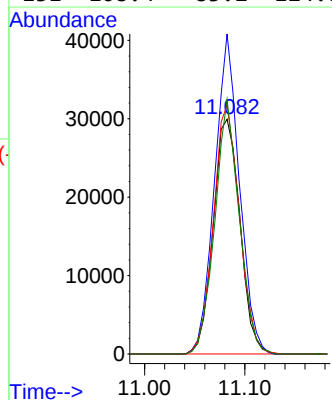
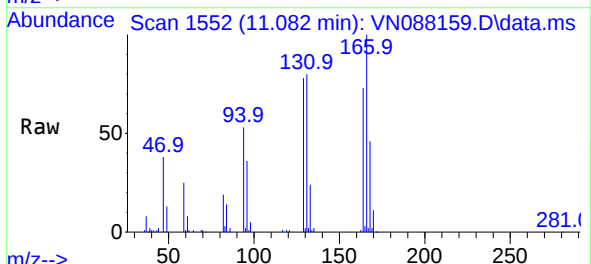
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

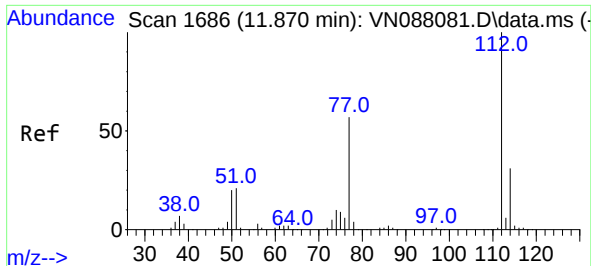
Tgt Ion:117 Resp: 454798
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.2
119 31.8 24.3 36.5



#64
Tetrachloroethene
Concen: 18.501 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion:164 Resp: 55503
Ion Ratio Lower Upper
164 100
166 136.3 97.7 146.5
129 106.0 85.9 128.9
131 108.4 83.2 124.8

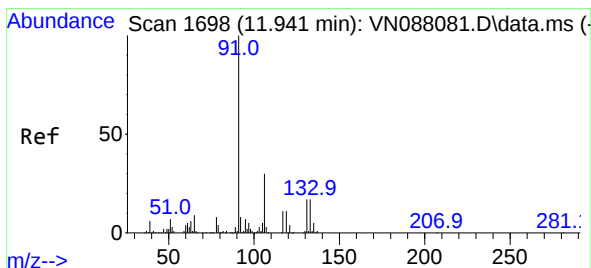
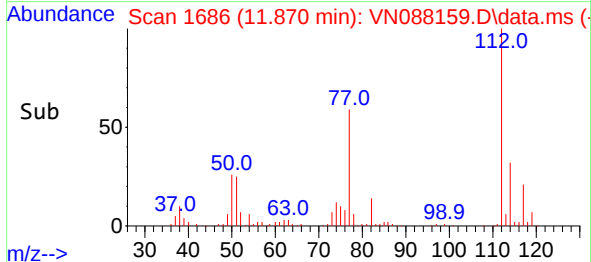
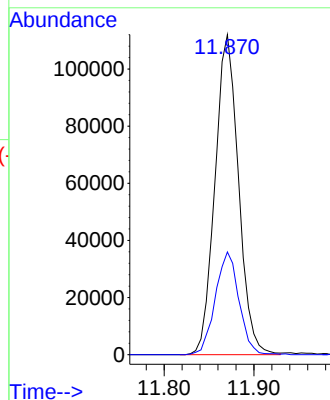
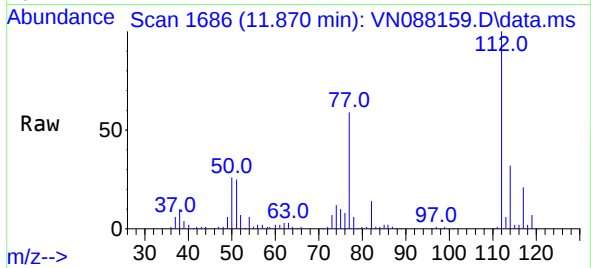




#65
Chlorobenzene
Concen: 19.757 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

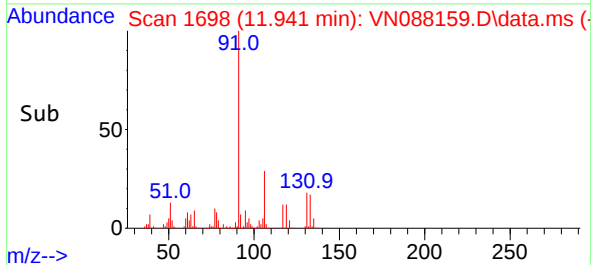
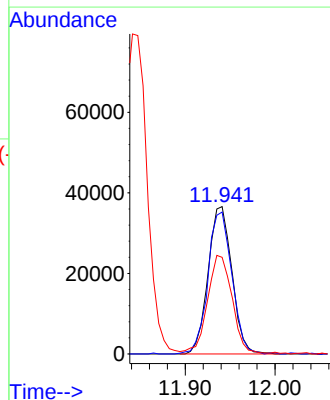
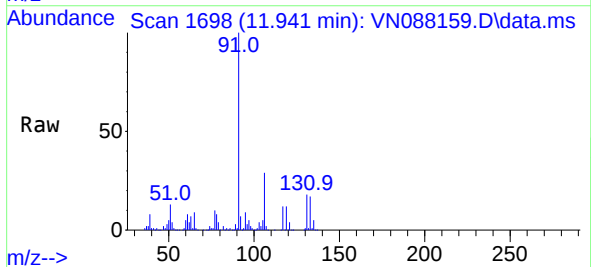
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

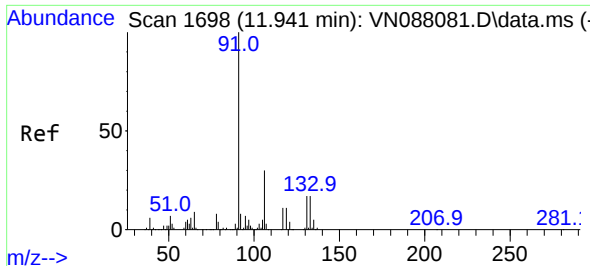
Tgt Ion:112 Resp: 204031
Ion Ratio Lower Upper
112 100
114 32.1 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.913 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion:131 Resp: 67373
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.0
119 68.0 32.6 97.7

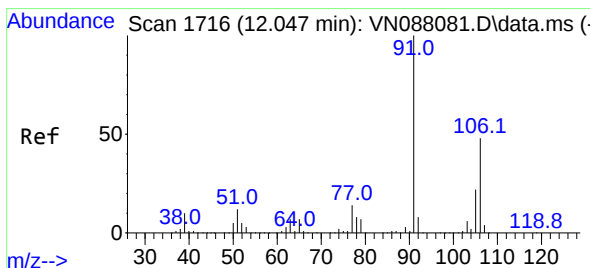
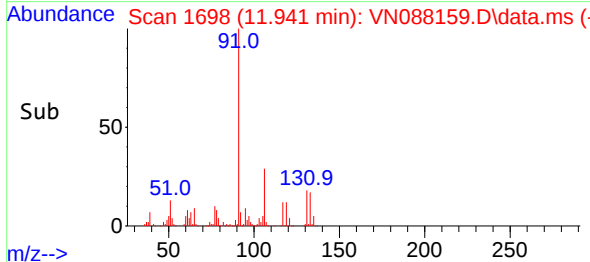
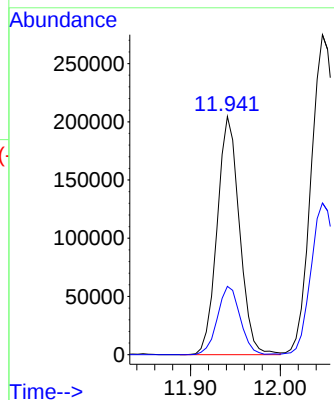
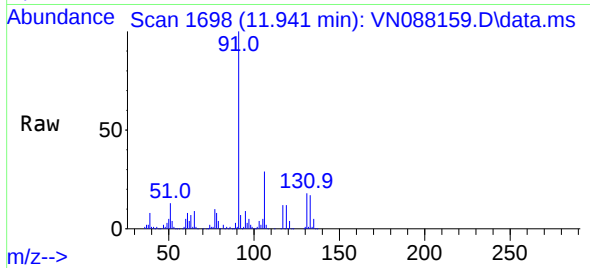




#67
Ethyl Benzene
Concen: 19.499 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

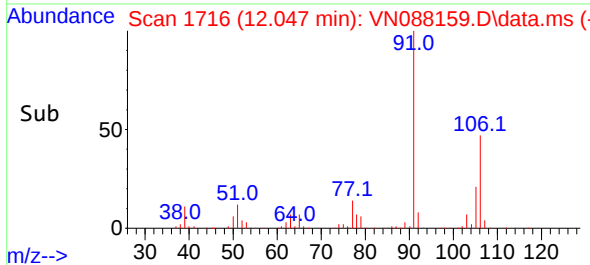
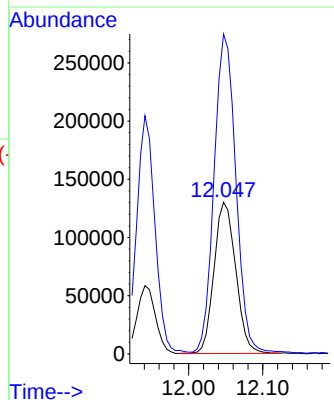
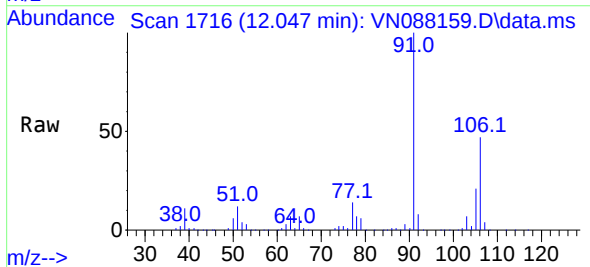
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

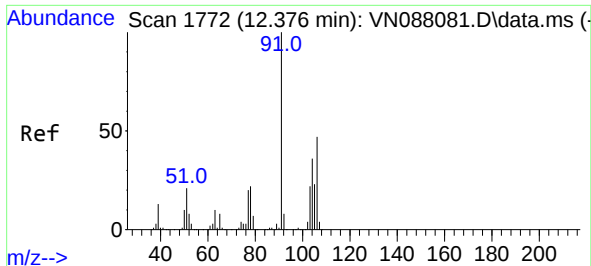
Tgt Ion: 91 Resp: 353465
Ion Ratio Lower Upper
91 100
106 28.7 24.1 36.1



#68
m/p-Xylenes
Concen: 38.928 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion:106 Resp: 264393
Ion Ratio Lower Upper
106 100
91 212.6 169.3 253.9

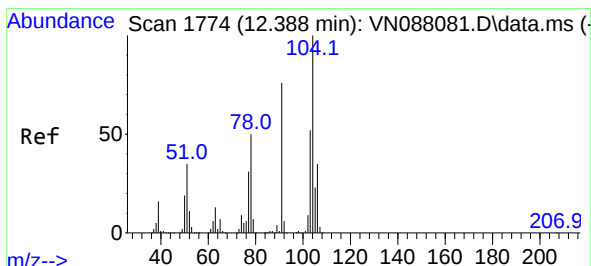
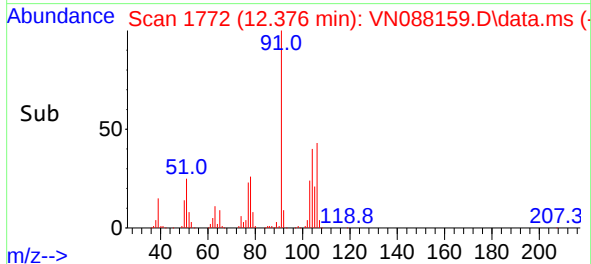
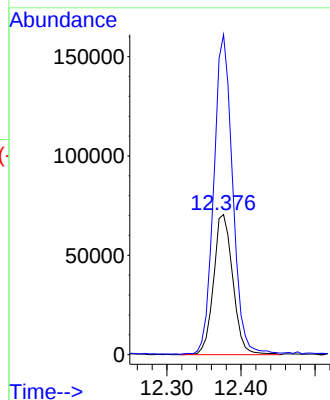
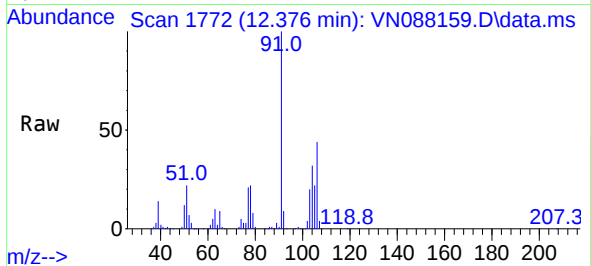




#69
o-Xylene
Concen: 19.734 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

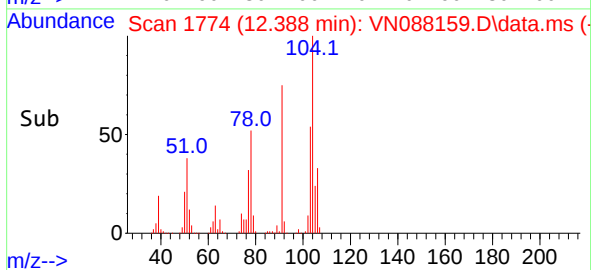
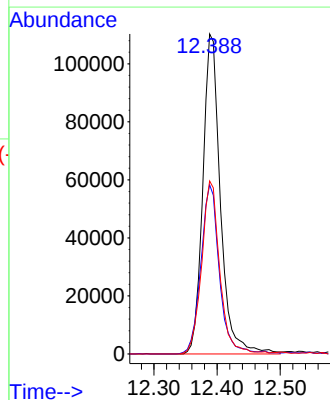
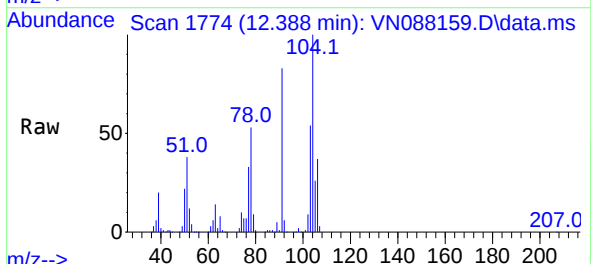
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

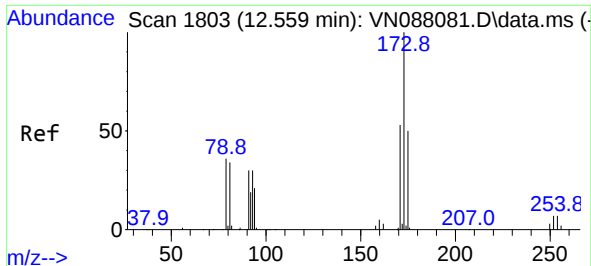
Tgt Ion:106 Resp: 127057
Ion Ratio Lower Upper
106 100
91 223.6 111.4 334.2



#70
Styrene
Concen: 20.371 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion:104 Resp: 213877
Ion Ratio Lower Upper
104 100
78 55.3 42.2 63.2
103 55.7 43.4 65.2

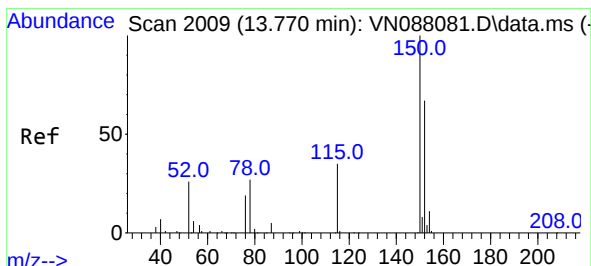
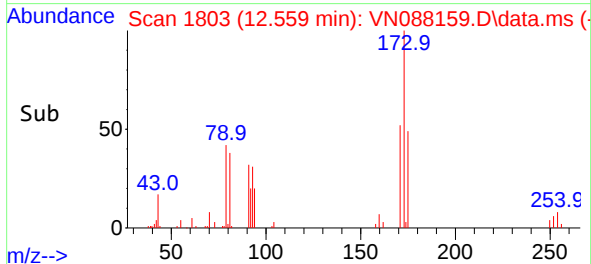
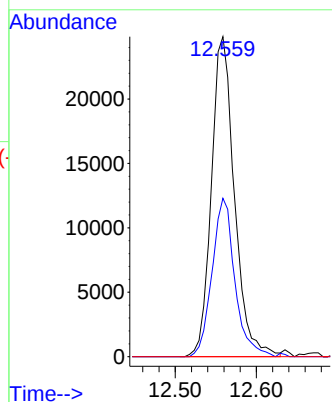
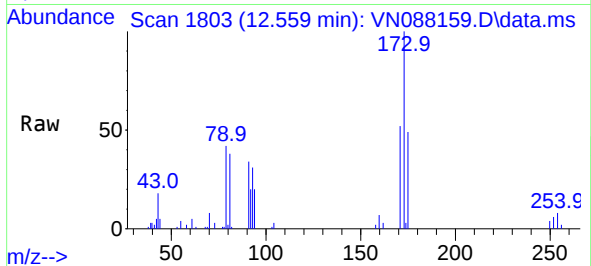




#71
Bromoform
Concen: 19.392 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

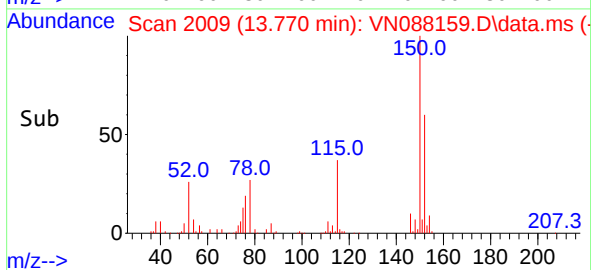
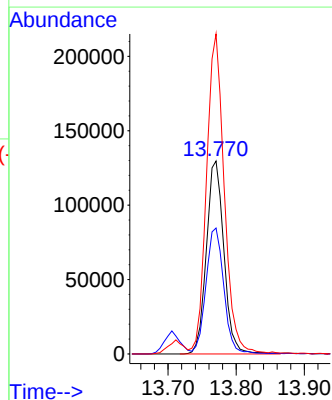
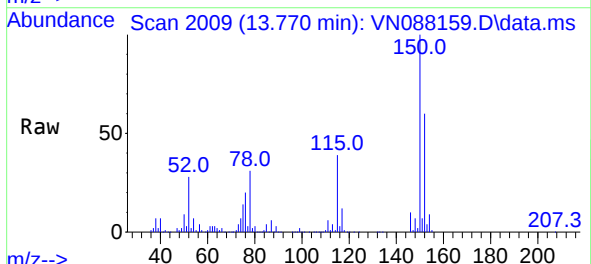
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

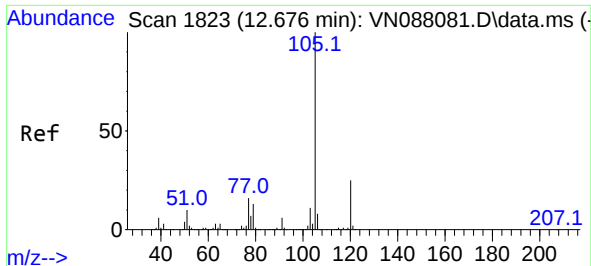
Tgt Ion:173 Resp: 48964
Ion Ratio Lower Upper
173 100
175 49.0 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion:152 Resp: 231901
Ion Ratio Lower Upper
152 100
115 65.6 32.3 96.8
150 166.4 0.0 351.0

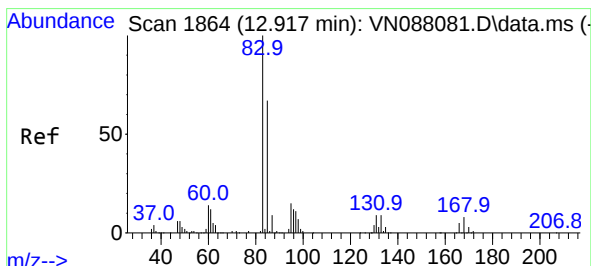
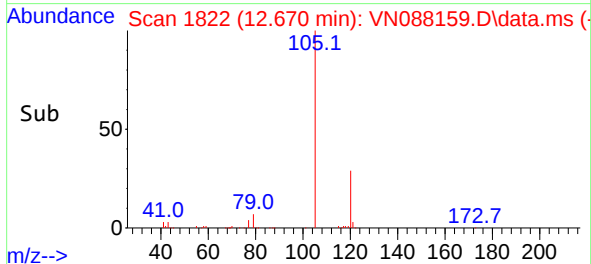
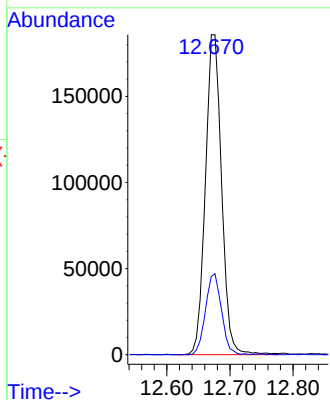
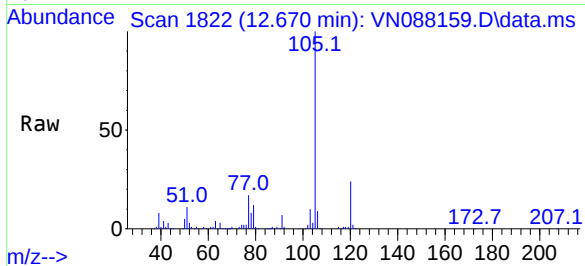




#73
Isopropylbenzene
Concen: 18.542 ug/l
RT: 12.670 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

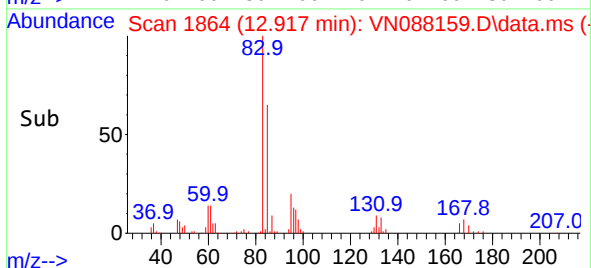
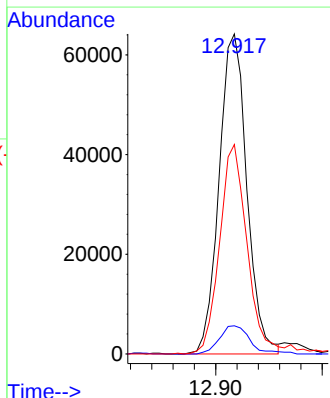
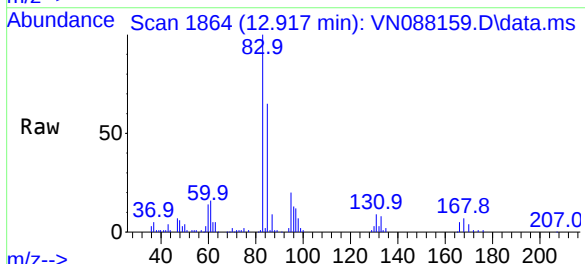
Instrument :
MSVOA_N
ClientSampleId :
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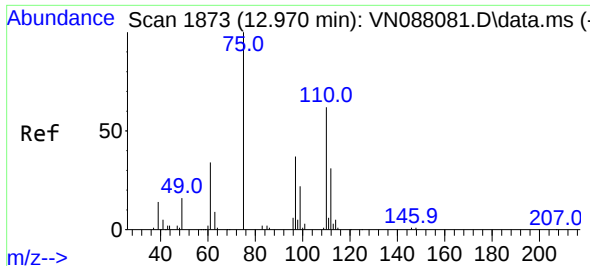
Tgt Ion:105 Resp: 331647
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.3



#75
1,1,2,2-Tetrachloroethane
Concen: 20.868 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 83 Resp: 116205
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.4
85 66.2 32.1 96.3

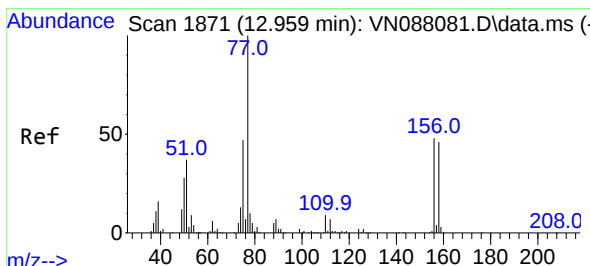
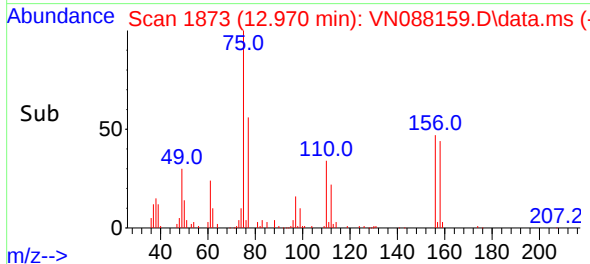
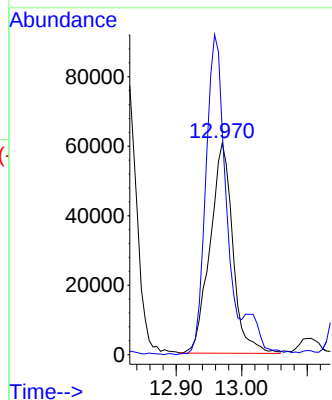
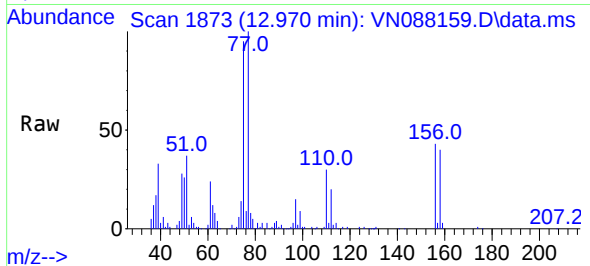




#76
1,2,3-Trichloropropane
Concen: 27.527 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

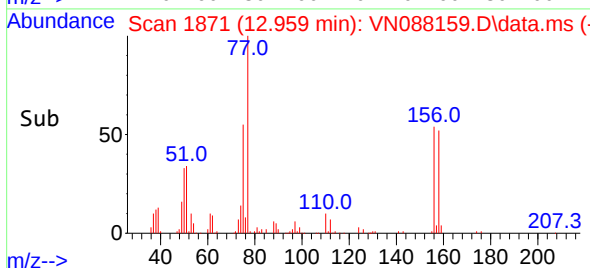
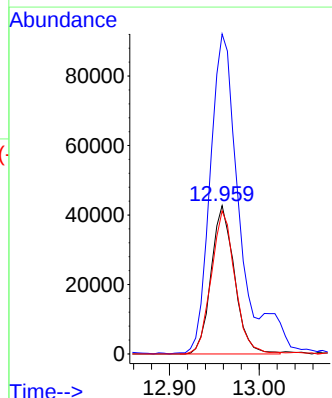
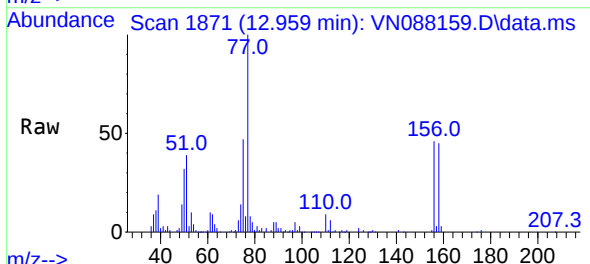
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

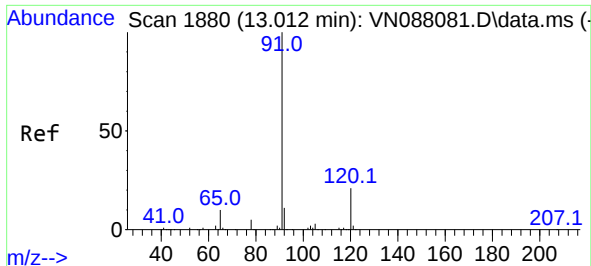
Tgt Ion: 75 Resp: 145947
Ion Ratio Lower Upper
75 100
77 132.3 89.1 267.4



#77
Bromobenzene
Concen: 19.979 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion:156 Resp: 77058
Ion Ratio Lower Upper
156 100
77 250.5 119.3 358.0
158 98.2 48.2 144.6

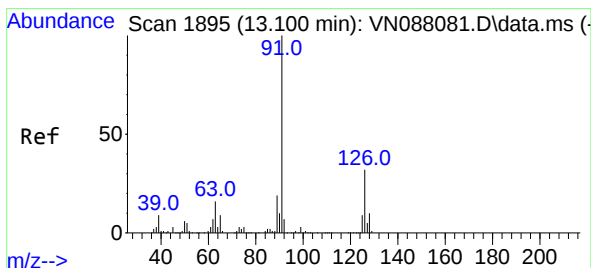
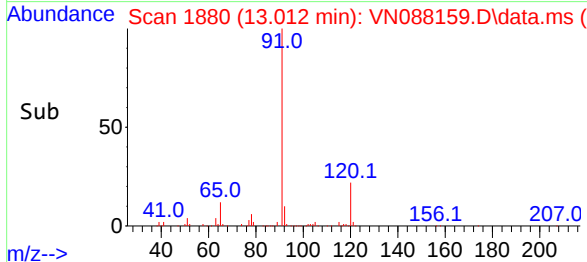
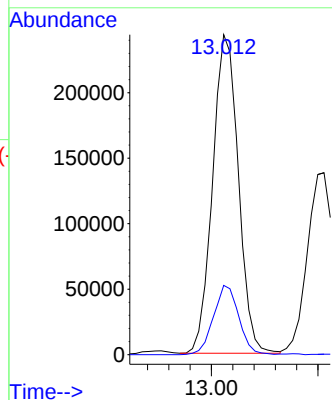
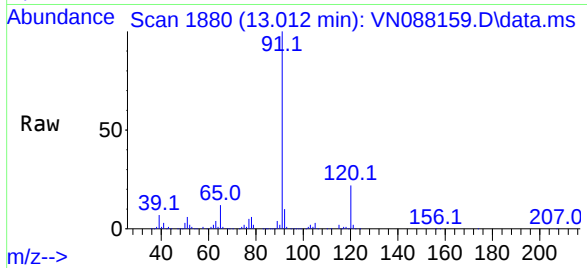




#78
n-propylbenzene
Concen: 18.701 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

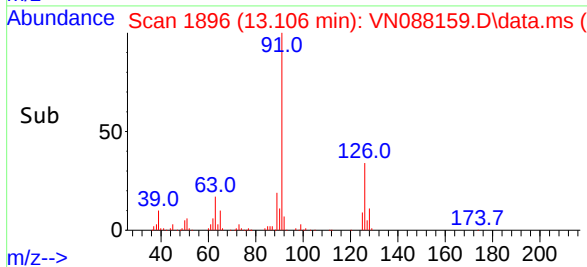
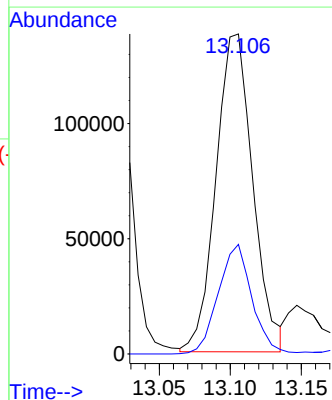
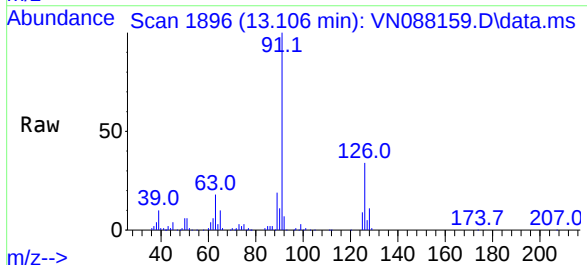
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

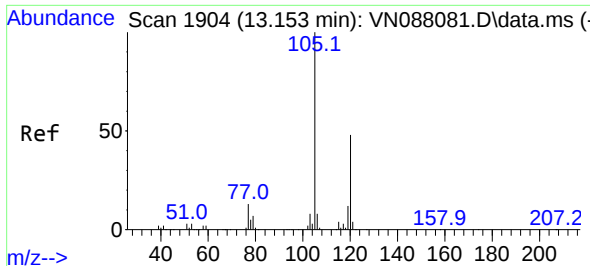
Tgt Ion: 91 Resp: 408186
Ion Ratio Lower Upper
91 100
120 21.5 10.7 32.1



#79
2-Chlorotoluene
Concen: 20.001 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 91 Resp: 248967
Ion Ratio Lower Upper
91 100
126 31.4 16.1 48.3

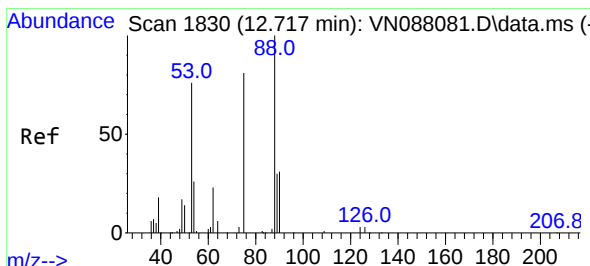
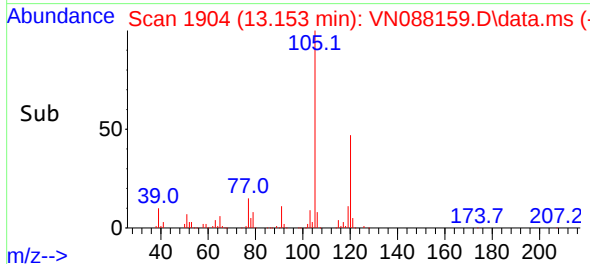
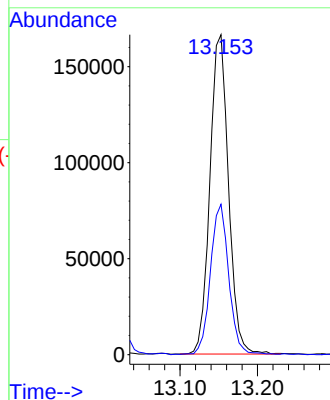
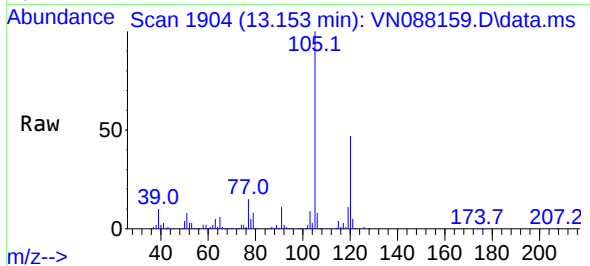




#80
1,3,5-Trimethylbenzene
Concen: 18.705 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

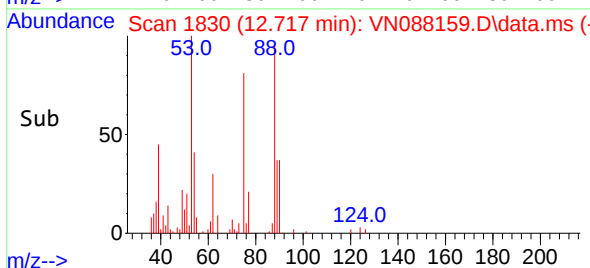
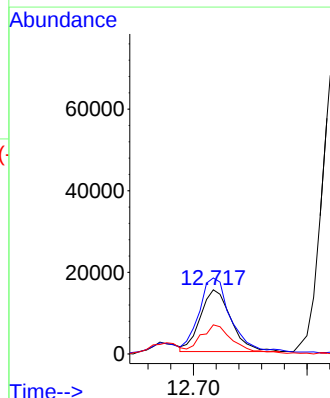
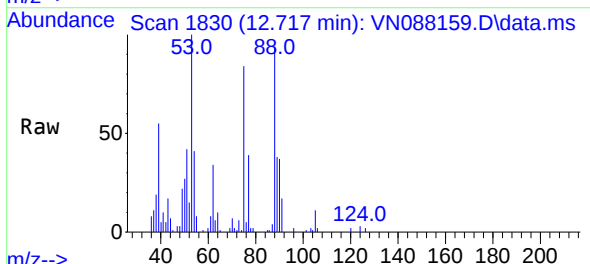
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

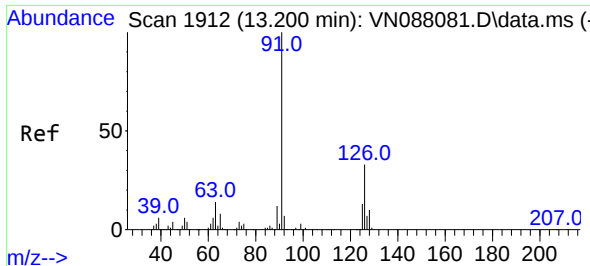
Tgt Ion:105 Resp: 277845
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.6



#81
trans-1,4-Dichloro-2-butene
Concen: 14.950 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 75 Resp: 28415
Ion Ratio Lower Upper
75 100
53 130.6 101.8 152.6
89 50.7 35.6 53.4

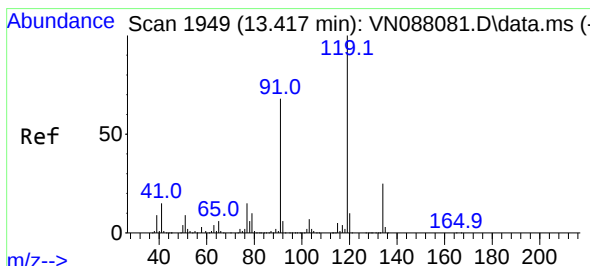
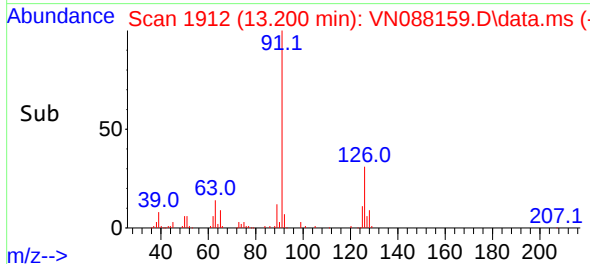
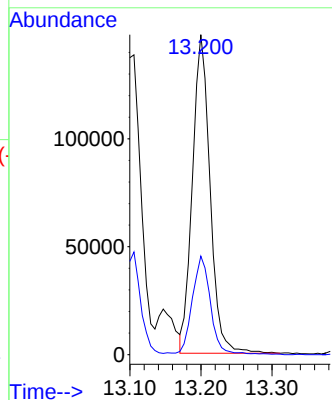
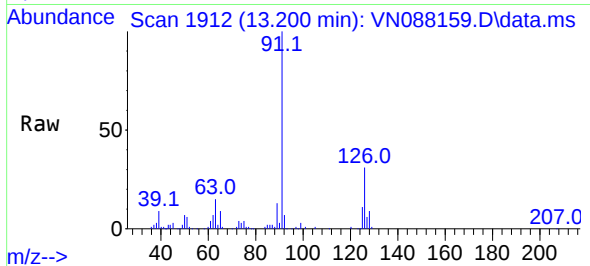




#82
4-Chlorotoluene
Concen: 18.983 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

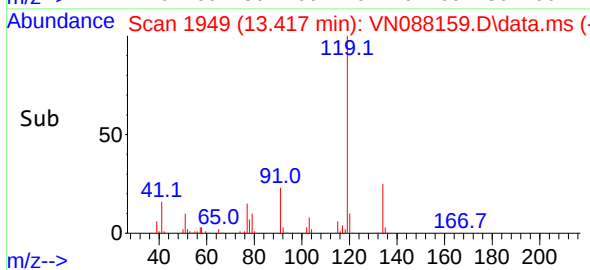
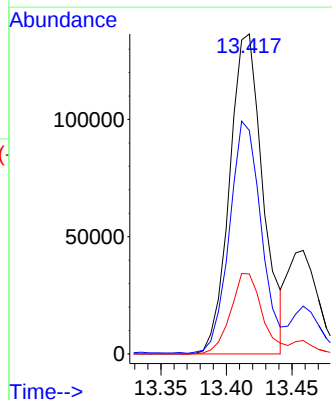
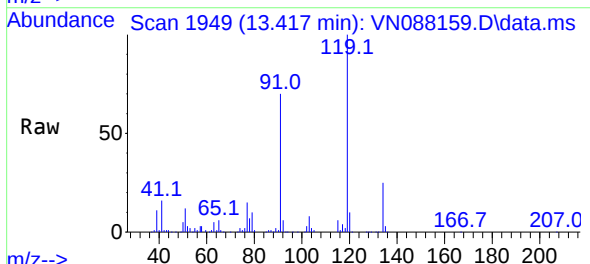
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

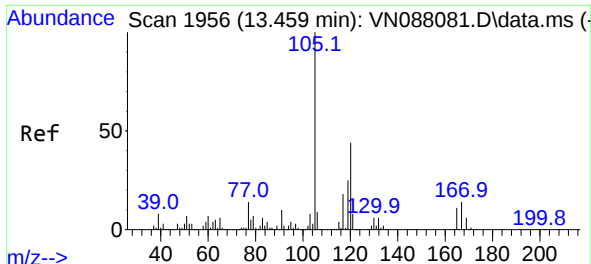
Tgt Ion: 91 Resp: 255646
Ion Ratio Lower Upper
91 100
126 32.2 15.6 46.8



#83
tert-Butylbenzene
Concen: 18.200 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 119 Resp: 241500
Ion Ratio Lower Upper
119 100
91 68.9 35.0 105.0
134 24.1 12.6 37.8

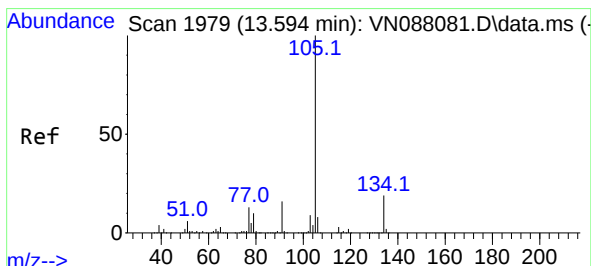
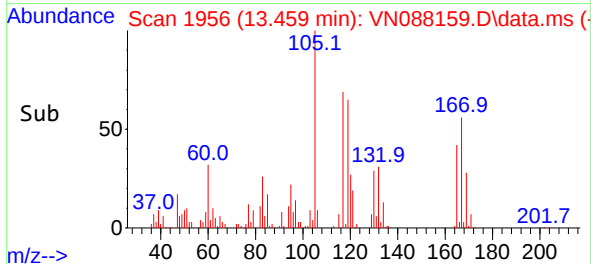
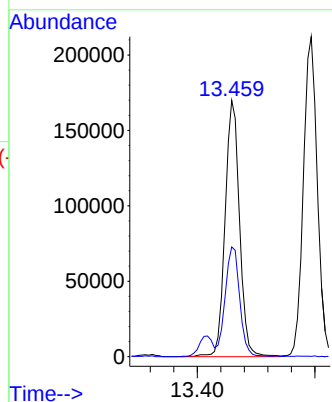
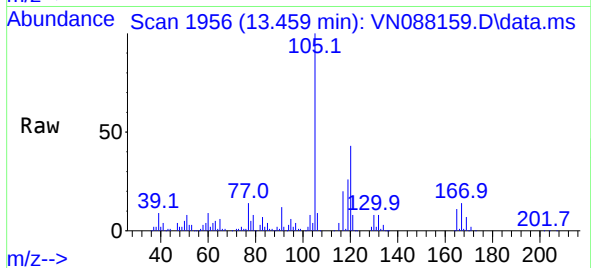




#84
1,2,4-Trimethylbenzene
Concen: 19.482 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

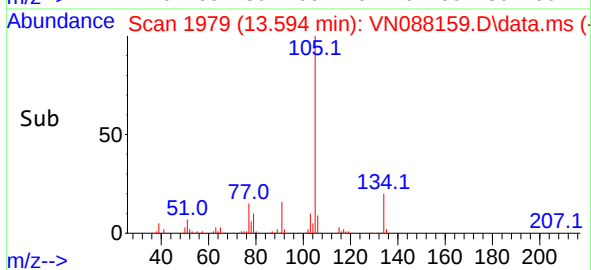
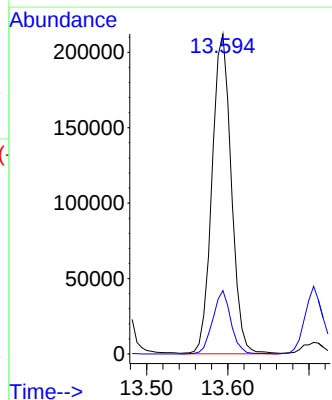
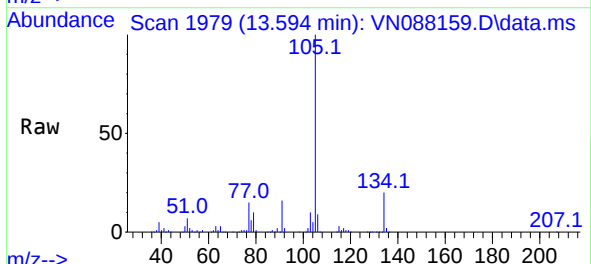
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

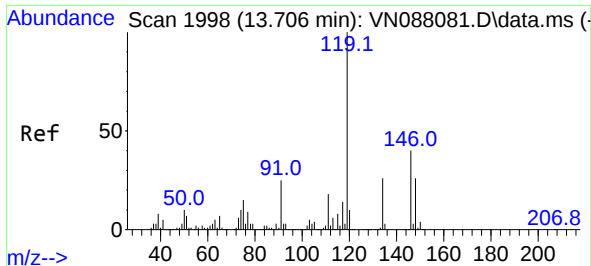
Tgt Ion:105 Resp: 289549
Ion Ratio Lower Upper
105 100
120 43.1 22.0 66.0



#85
sec-Butylbenzene
Concen: 17.943 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion:105 Resp: 349812
Ion Ratio Lower Upper
105 100
134 18.7 9.6 28.6

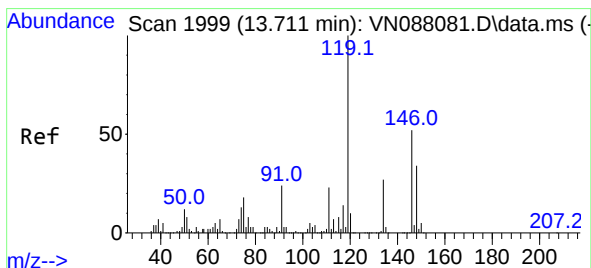
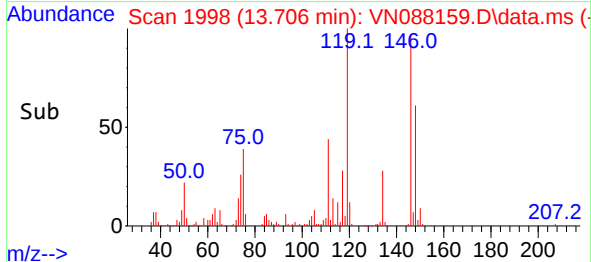
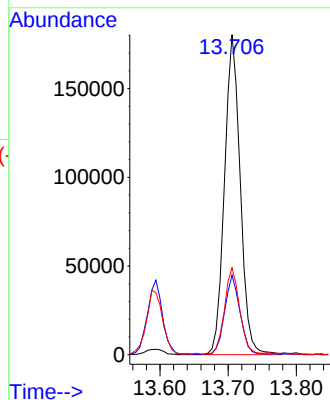
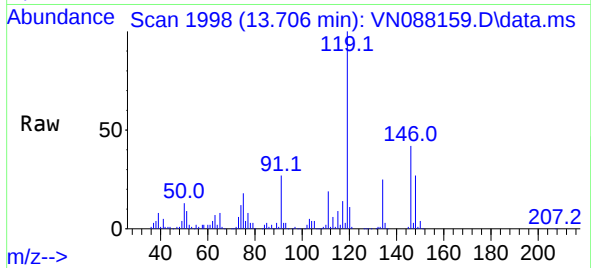




#86
p-Isopropyltoluene
Concen: 18.583 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

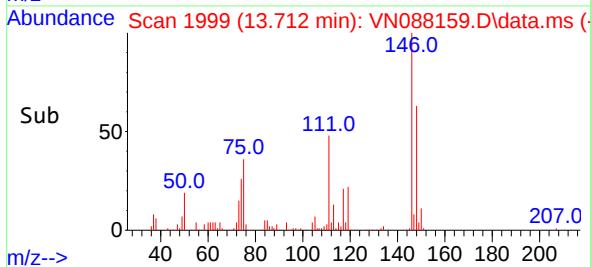
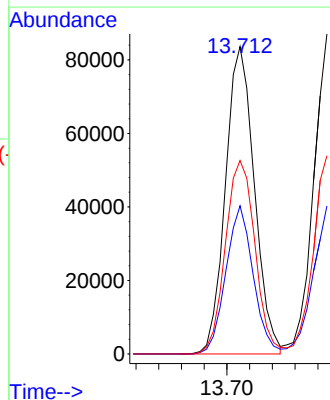
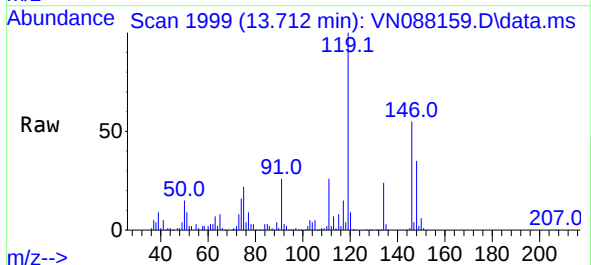
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

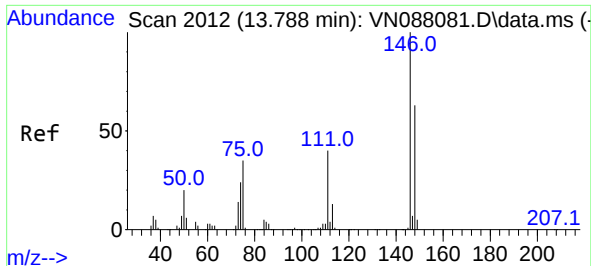
Tgt Ion:119 Resp: 290629
Ion Ratio Lower Upper
119 100
134 24.4 12.7 38.0
91 26.0 12.5 37.5



#87
1,3-Dichlorobenzene
Concen: 19.175 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

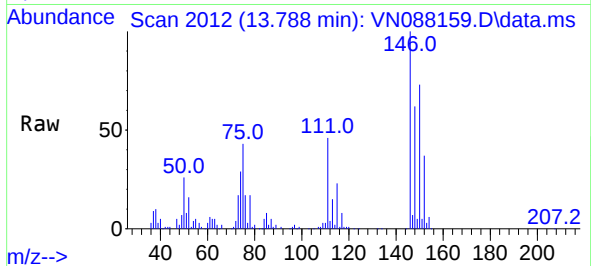
Tgt Ion:146 Resp: 147641
Ion Ratio Lower Upper
146 100
111 45.7 22.1 66.5
148 64.8 32.0 96.2



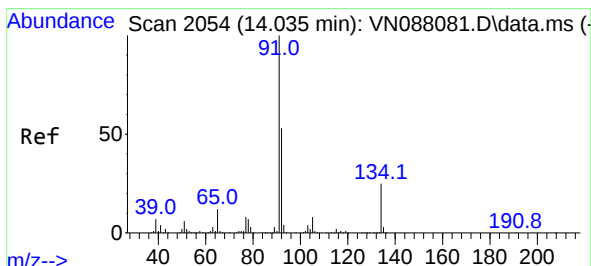
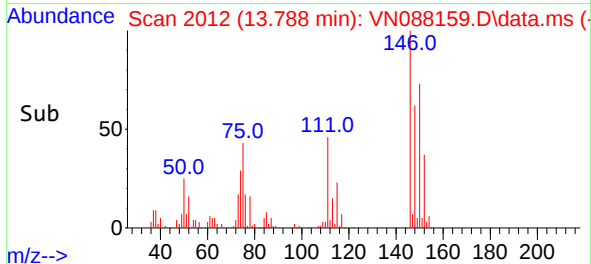
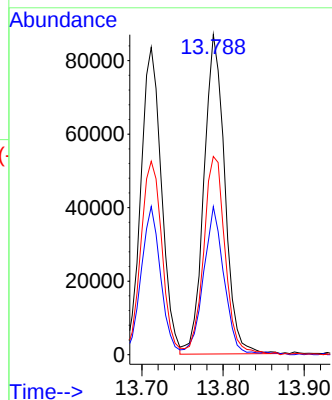


#88
1,4-Dichlorobenzene
Concen: 18.708 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

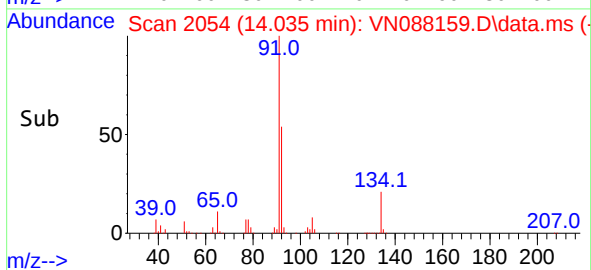
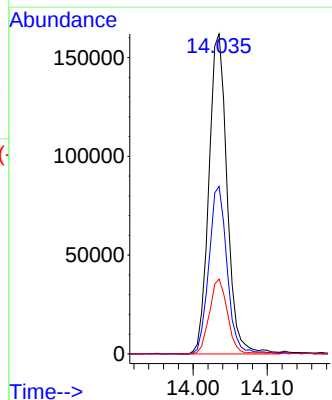
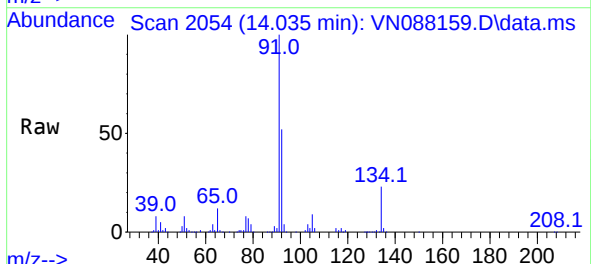


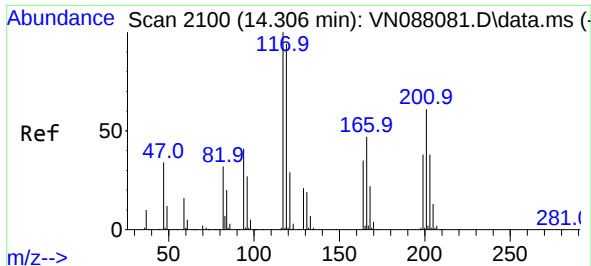
Tgt Ion:146 Resp: 154709
Ion Ratio Lower Upper
146 100
111 44.5 21.0 63.0
148 63.7 32.0 96.0



#89
n-Butylbenzene
Concen: 17.855 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion: 91 Resp: 276598
Ion Ratio Lower Upper
91 100
92 52.4 25.9 77.8
134 23.4 11.7 35.0

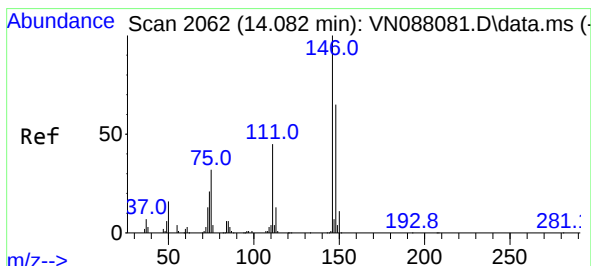
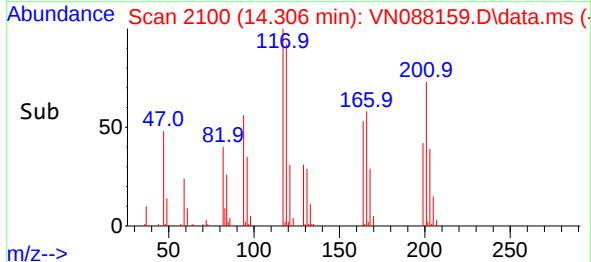
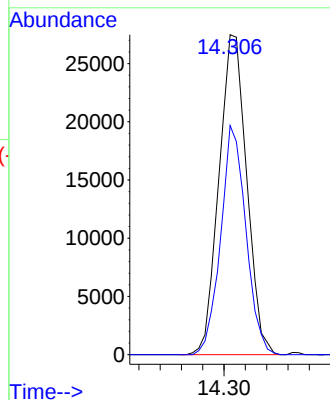
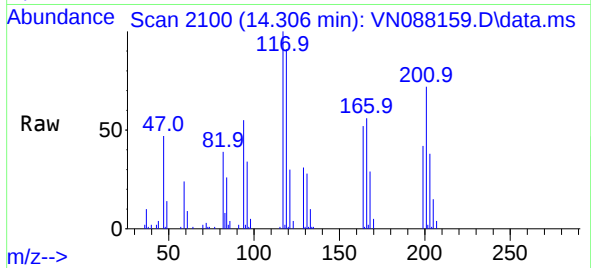




#90
Hexachloroethane
Concen: 16.389 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

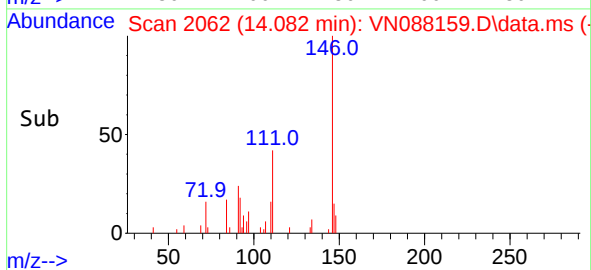
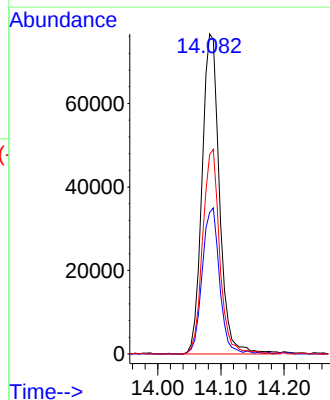
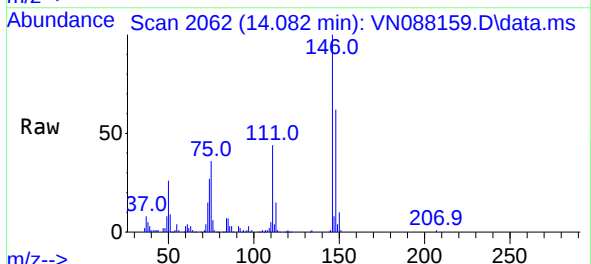
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

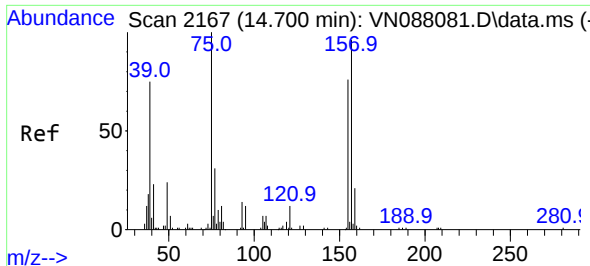
Tgt Ion:117 Resp: 49636
Ion Ratio Lower Upper
117 100
201 65.1 29.1 87.4



#91
1,2-Dichlorobenzene
Concen: 19.828 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion:146 Resp: 147165
Ion Ratio Lower Upper
146 100
111 45.4 22.6 67.8
148 62.5 31.9 95.9



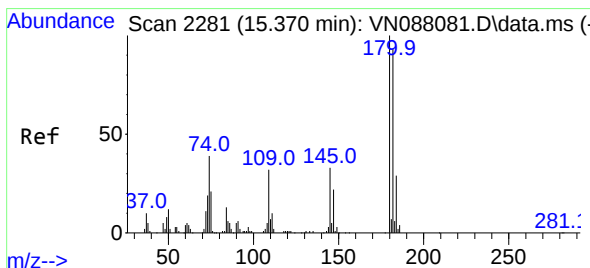
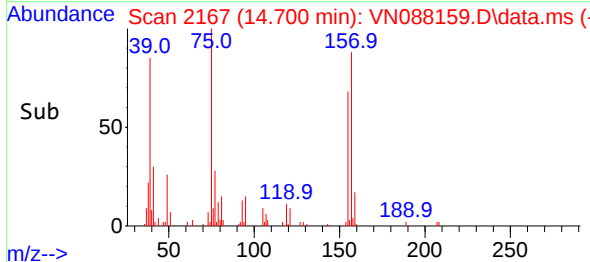
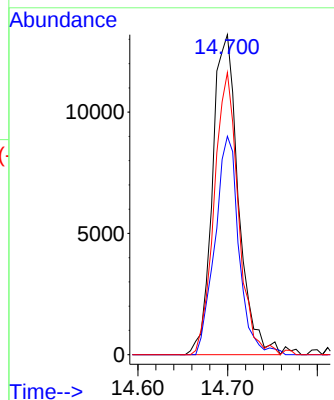
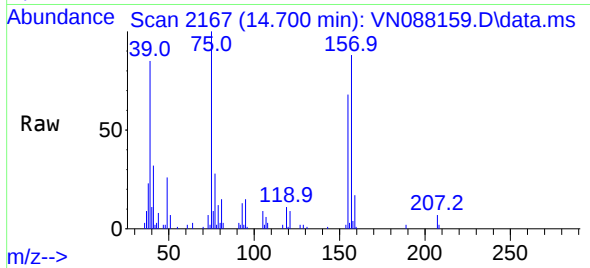


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.338 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN088159.D
 Acq: 29 Oct 2025 14:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029MBS01

Tgt Ion: 75 Resp: 26359

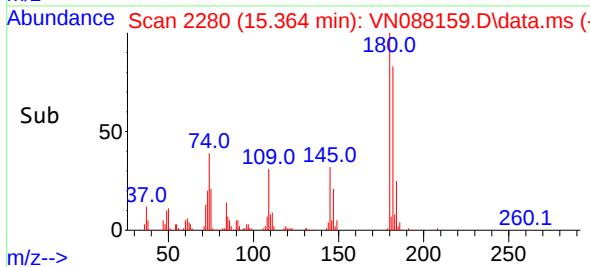
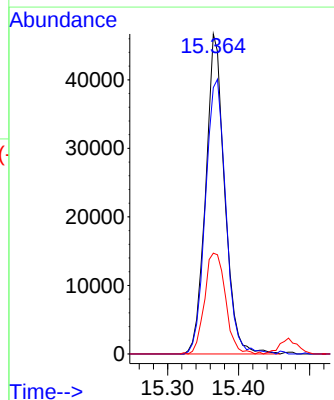
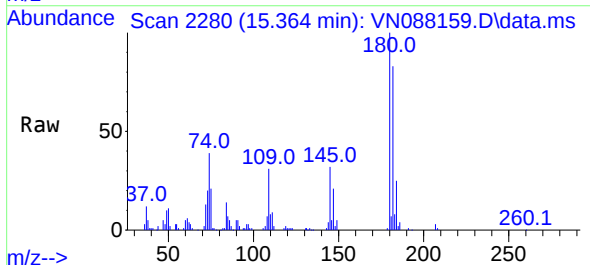
Ion	Ratio	Lower	Upper
75	100		
155	63.4	36.6	109.9
157	82.6	45.6	136.9

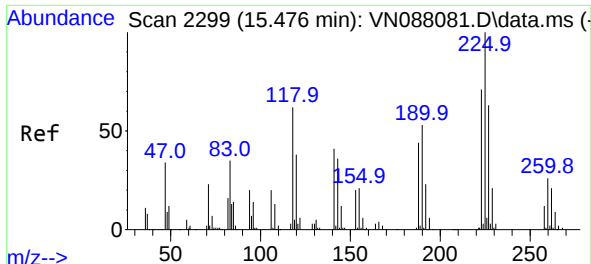


#93
 1,2,4-Trichlorobenzene
 Concen: 19.271 ug/l
 RT: 15.364 min Scan# 2280
 Delta R.T. -0.000 min
 Lab File: VN088159.D
 Acq: 29 Oct 2025 14:47

Tgt Ion: 180 Resp: 86622

Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.6	142.9
145	34.8	16.5	49.5

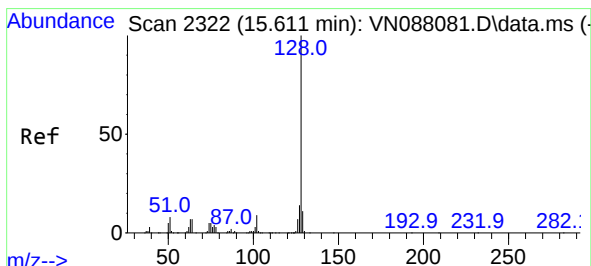
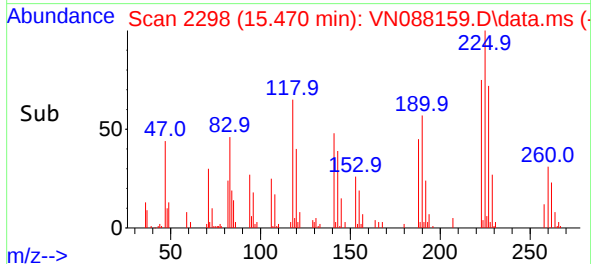
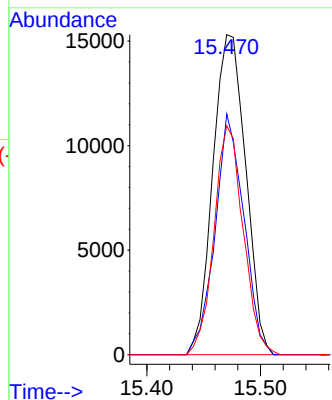
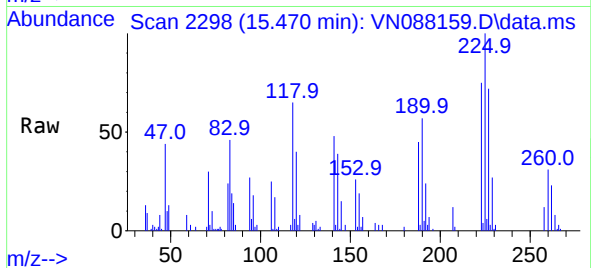




#94
Hexachlorobutadiene
Concen: 18.396 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

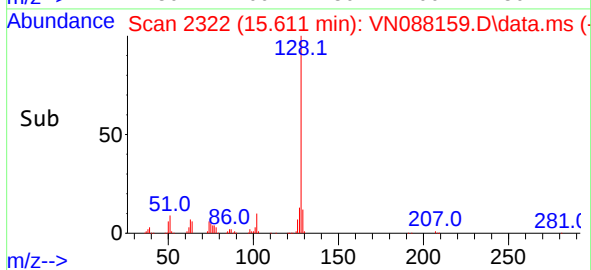
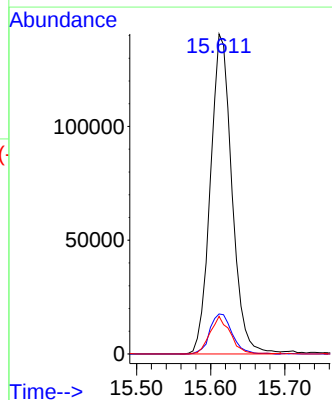
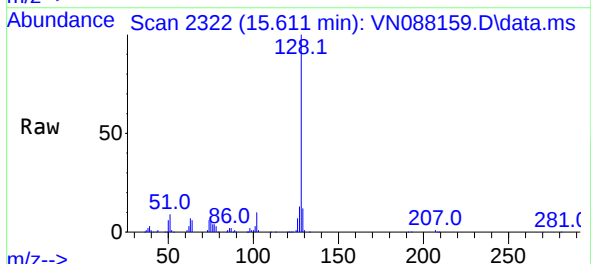
Instrument :
MSVOA_N
ClientSampleId :
VN1029MBS01

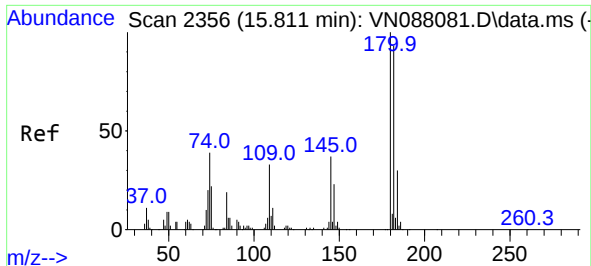
Tgt Ion:225 Resp: 30793
Ion Ratio Lower Upper
225 100
223 66.1 32.0 96.2
227 63.6 32.1 96.5



#95
Naphthalene
Concen: 18.407 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088159.D
Acq: 29 Oct 2025 14:47

Tgt Ion:128 Resp: 283432
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.3 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 18.486 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN088159.D
 Acq: 29 Oct 2025 14:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1029MBS01

Tgt Ion:180 Resp: 79670
 Ion Ratio Lower Upper
 180 100
 182 98.8 46.8 140.3
 145 37.5 17.3 52.0

