

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
 Data File : VN088474.D
 Acq On : 09 Dec 2025 12:51
 Operator : JC\MD
 Sample : VN1209MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBS01

Quant Time: Dec 10 05:04:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	227429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	428540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	382331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	181539	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	249926	58.335	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.680%	
35) Dibromofluoromethane	8.147	113	164303	55.325	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.660%	
50) Toluene-d8	10.541	98	586278	53.058	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.120%	
62) 4-Bromofluorobenzene	12.823	95	200629	52.917	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	72820	21.317	ug/l	97
3) Chloromethane	2.383	50	79525	21.676	ug/l	98
4) Vinyl Chloride	2.542	62	75327	20.182	ug/l	97
5) Bromomethane	2.983	94	39084	21.757	ug/l	91
6) Chloroethane	3.148	64	49145	21.277	ug/l	96
7) Trichlorofluoromethane	3.518	101	114459	21.819	ug/l	89
8) Diethyl Ether	3.959	74	43812	22.252	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	61922	22.173	ug/l	99
10) Methyl Iodide	4.589	142	51139	18.498	ug/l	94
11) Tert butyl alcohol	5.500	59	60289	88.140	ug/l	97
12) 1,1-Dichloroethene	4.342	96	57475	20.714	ug/l	93
13) Acrolein	4.177	56	55735	85.109	ug/l	99
14) Allyl chloride	5.018	41	110312	21.450	ug/l	98
15) Acrylonitrile	5.706	53	219860	111.405	ug/l	98
16) Acetone	4.418	43	156637	101.093	ug/l	98
17) Carbon Disulfide	4.712	76	181506	20.018	ug/l	99
18) Methyl Acetate	5.018	43	106878	23.173	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	234407	22.549	ug/l	100
20) Methylene Chloride	5.265	84	73684	22.227	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	65282	21.239	ug/l	89
22) Diisopropyl ether	6.647	45	255787	23.296	ug/l	89
23) Vinyl Acetate	6.588	43	1120394	126.654	ug/l	97
24) 1,1-Dichloroethane	6.553	63	139641	22.458	ug/l	99
25) 2-Butanone	7.465	43	264652	106.248	ug/l	100
26) 2,2-Dichloropropane	7.471	77	123953	23.096	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	75785	21.216	ug/l	94
28) Bromochloromethane	7.794	49	65531	21.157	ug/l	99
29) Tetrahydrofuran	7.818	42	200635	112.297	ug/l	97
30) Chloroform	7.947	83	143040	23.412	ug/l	98
31) Cyclohexane	8.241	56	116187	20.620	ug/l	86
32) 1,1,1-Trichloroethane	8.147	97	121743	22.663	ug/l	95
36) 1,1-Dichloropropene	8.353	75	91060	19.868	ug/l	99
37) Ethyl Acetate	7.535	43	123362	20.470	ug/l	98
38) Carbon Tetrachloride	8.341	117	101531	22.253	ug/l	92
39) Methylcyclohexane	9.576	83	91447	18.653	ug/l	91
40) Benzene	8.582	78	287129	21.345	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	66730	22.356	ug/l	97
42) 1,2-Dichloroethane	8.647	62	122331	23.836	ug/l	100
43) Isopropyl Acetate	8.665	43	197354	21.434	ug/l	100
44) Trichloroethene	9.329	130	63588	20.006	ug/l	93
45) 1,2-Dichloropropane	9.600	63	78679	22.828	ug/l	97
46) Dibromomethane	9.688	93	54290	22.072	ug/l	98
47) Bromodichloromethane	9.865	83	114487	22.812	ug/l	94
48) Methyl methacrylate	9.659	41	89015	21.188	ug/l	96
49) 1,4-Dioxane	9.677	88	17737	331.979	ug/l #	96
51) 4-Methyl-2-Pentanone	10.424	43	613282	112.999	ug/l	100
52) Toluene	10.606	92	176214	22.686	ug/l	95
53) t-1,3-Dichloropropene	10.812	75	109477	21.252	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	121017	22.339	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	69411	23.097	ug/l	95
56) Ethyl methacrylate	10.853	69	104150	21.940	ug/l	98
57) 1,3-Dichloropropane	11.135	76	120063	22.146	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	263107	96.138	ug/l	98
59) 2-Hexanone	11.176	43	372869	109.059	ug/l	99
60) Dibromochloromethane	11.335	129	75614	22.071	ug/l	97
61) 1,2-Dibromoethane	11.441	107	67506	22.182	ug/l	98
64) Tetrachloroethene	11.076	164	54571	18.004	ug/l	95
65) Chlorobenzene	11.870	112	184465	21.480	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	65424	22.588	ug/l	99
67) Ethyl Benzene	11.941	91	305919	20.381	ug/l	99
68) m/p-Xylenes	12.047	106	230653	41.446	ug/l	97
69) o-Xylene	12.376	106	105705	19.923	ug/l	97
70) Styrene	12.388	104	187751	21.794	ug/l	99
71) Bromoform	12.559	173	47080	22.192	ug/l #	99
73) Isopropylbenzene	12.670	105	276195	20.577	ug/l	99
74) N-amyl acetate	12.541	43	13506	2.955	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.912	83	100971	23.269	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	132245	31.102	ug/l	64
77) Bromobenzene	12.959	156	66985	21.811	ug/l	99
78) n-propylbenzene	13.012	91	341734	20.811	ug/l	98
79) 2-Chlorotoluene	13.100	91	210593	21.001	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	233042	20.952	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.717	75	32852	21.919	ug/l #	93
82) 4-Chlorotoluene	13.200	91	222207	22.310	ug/l	98
83) tert-Butylbenzene	13.412	119	178966	18.928	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	234343	21.197	ug/l	98
85) sec-Butylbenzene	13.588	105	264546	19.476	ug/l	99
86) p-Isopropyltoluene	13.706	119	215804	19.375	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	128185	21.441	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	130926	20.907	ug/l	99
89) n-Butylbenzene	14.029	91	203585	18.825	ug/l	99
90) Hexachloroethane	14.306	117	39972	19.645	ug/l	100
91) 1,2-Dichlorobenzene	14.082	146	120055	21.339	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	20221	19.206	ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	61831	18.497	ug/l	99
94) Hexachlorobutadiene	15.470	225	21136	17.595	ug/l	96
95) Naphthalene	15.611	128	211703	18.276	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	59555	18.306	ug/l	98

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QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

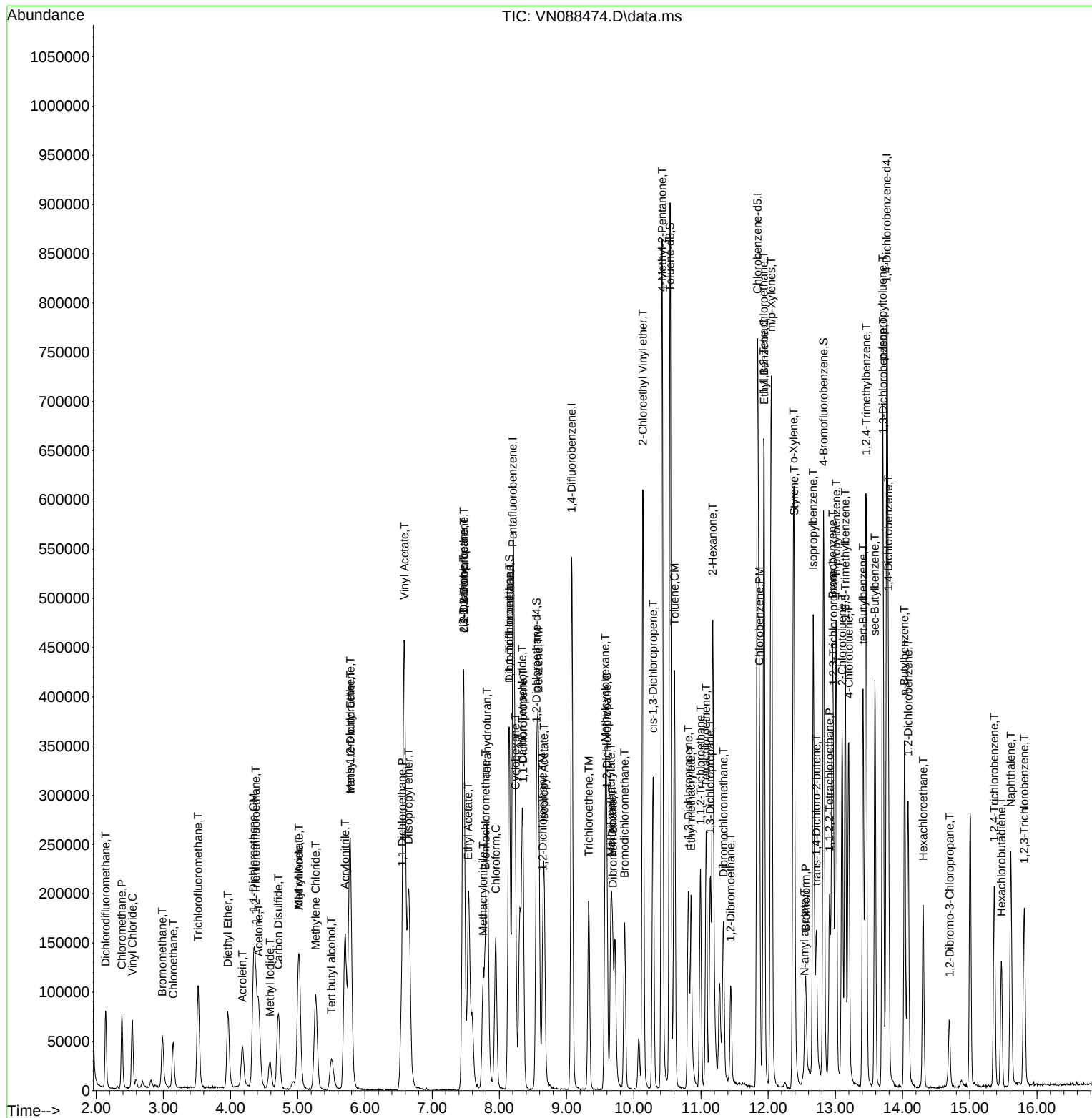
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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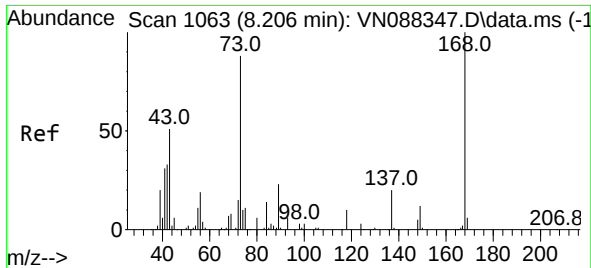
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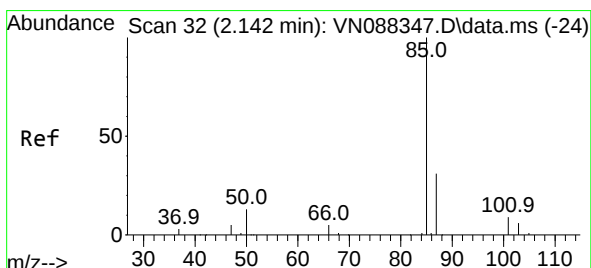
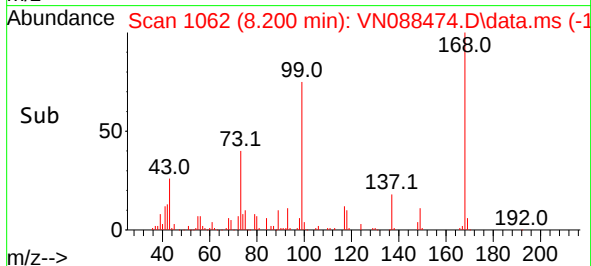
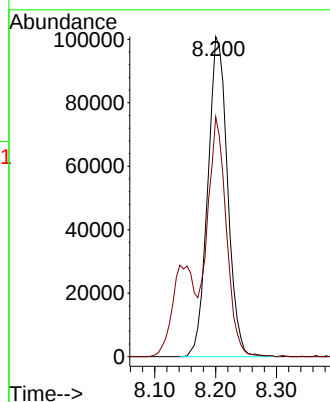
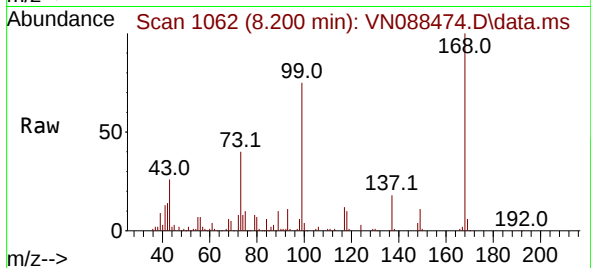




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
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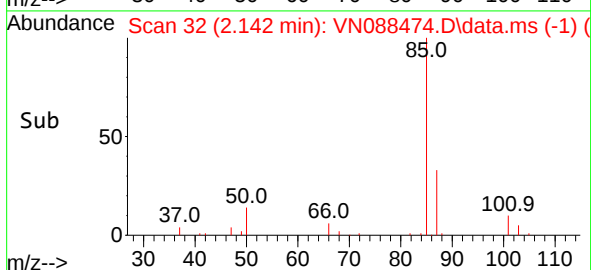
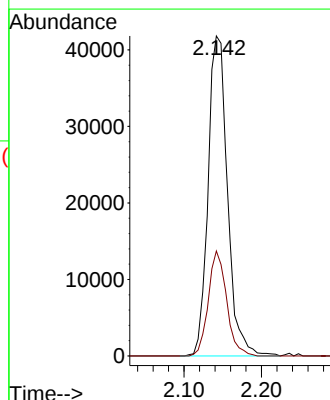
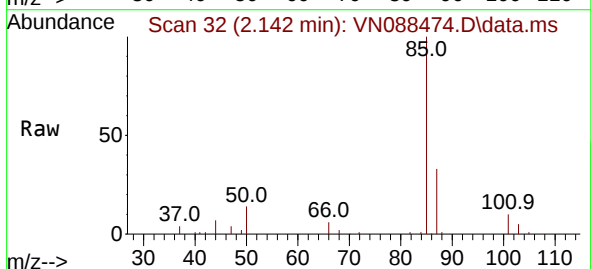
Instrument :
MSVOA_N
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VN1209MBS01

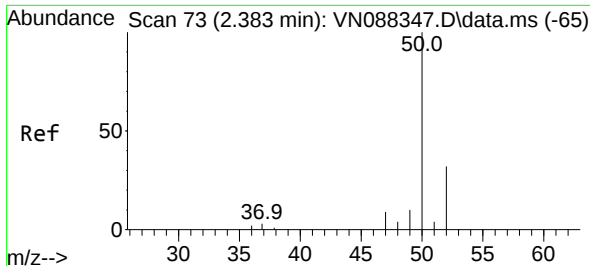
Tgt Ion:168 Resp: 227429
Ion Ratio Lower Upper
168 100
99 74.7 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 21.317 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 85 Resp: 72820
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.7

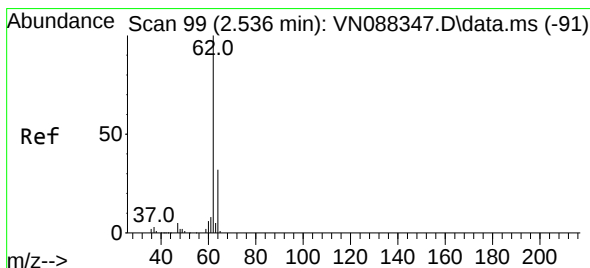
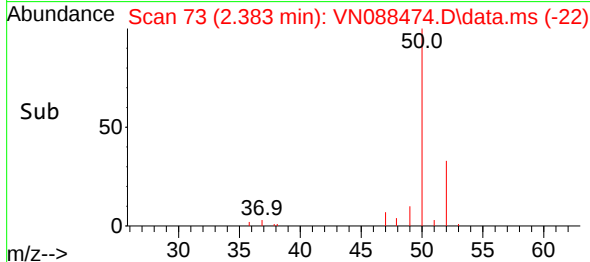
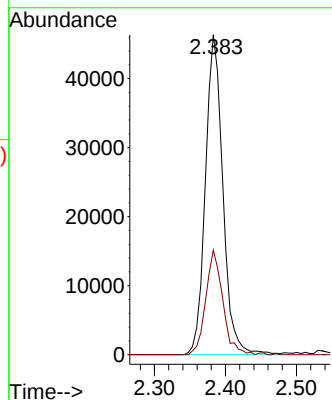
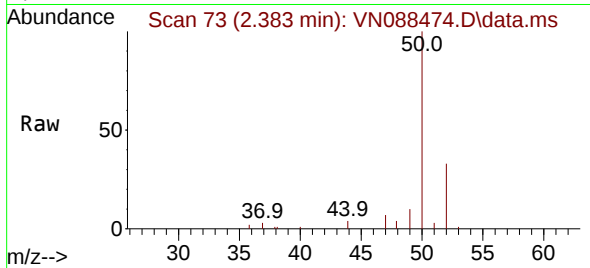




#3
Chloromethane
Concen: 21.676 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

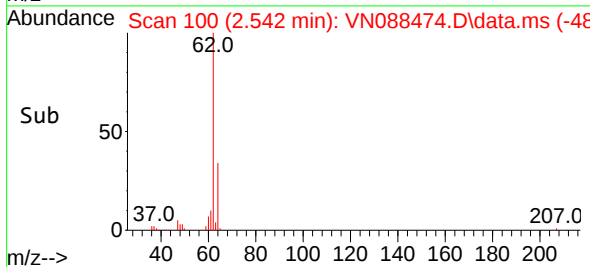
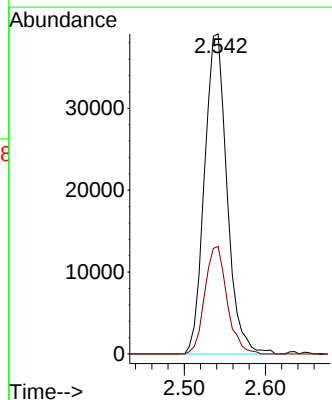
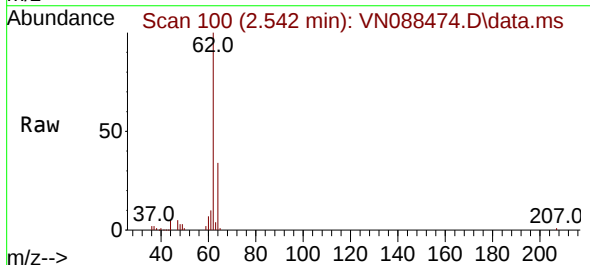
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

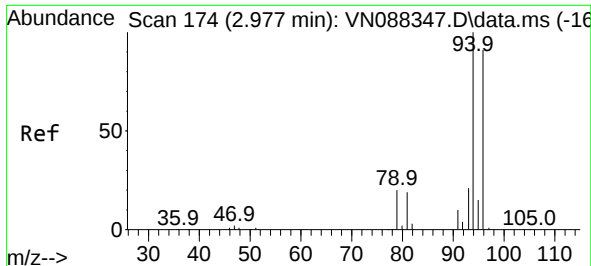
Tgt Ion: 50 Resp: 79525
Ion Ratio Lower Upper
50 100
52 32.7 25.2 37.8



#4
Vinyl Chloride
Concen: 20.182 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 62 Resp: 75327
Ion Ratio Lower Upper
62 100
64 33.6 25.4 38.2

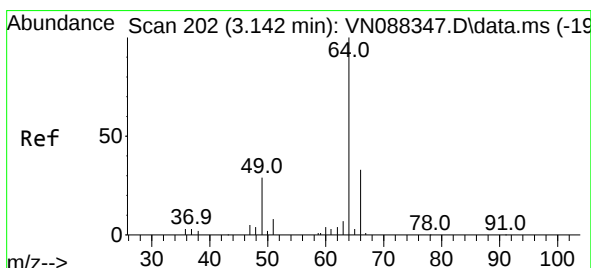
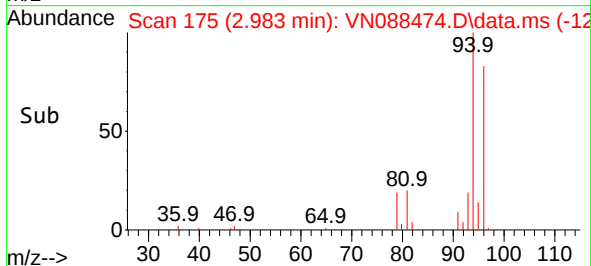
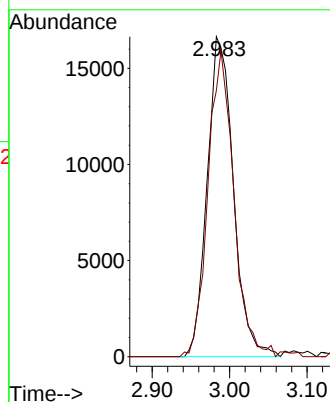
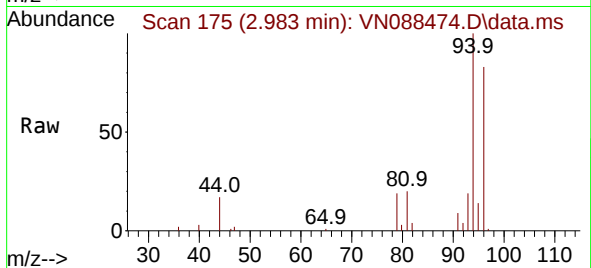




#5
Bromomethane
Concen: 21.757 ug/l
RT: 2.983 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088474.D
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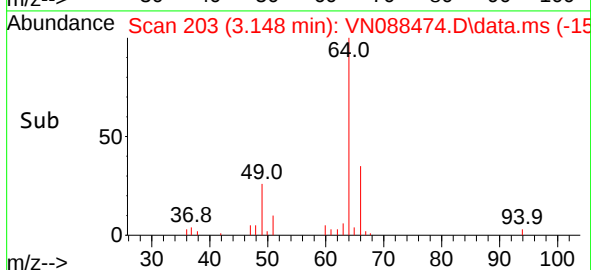
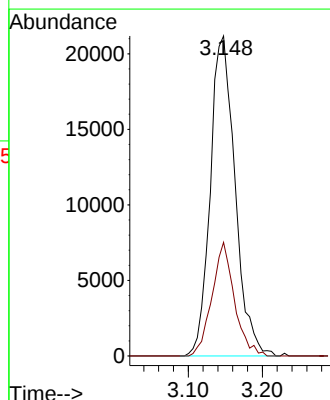
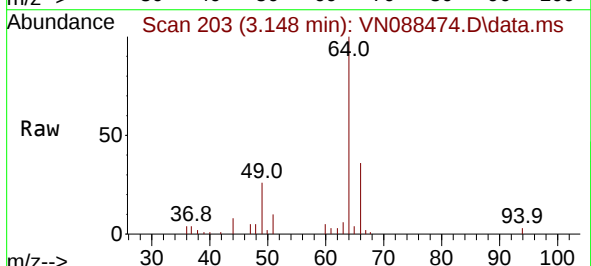
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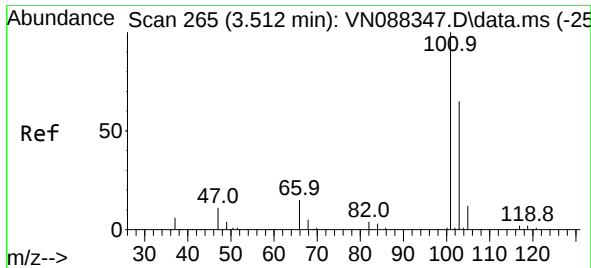
Tgt Ion: 94 Resp: 39084
Ion Ratio Lower Upper
94 100
96 83.1 73.2 109.8



#6
Chloroethane
Concen: 21.277 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
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Tgt Ion: 64 Resp: 49145
Ion Ratio Lower Upper
64 100
66 35.5 26.4 39.6

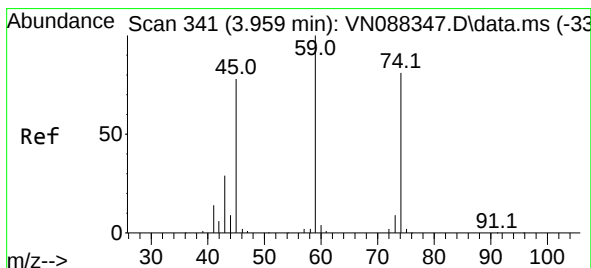
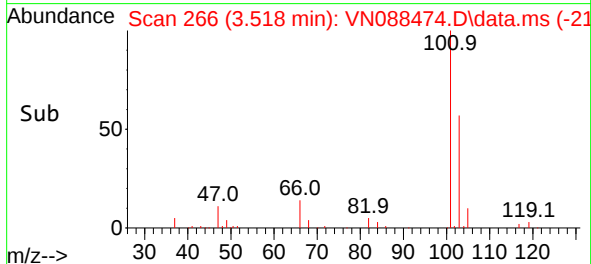
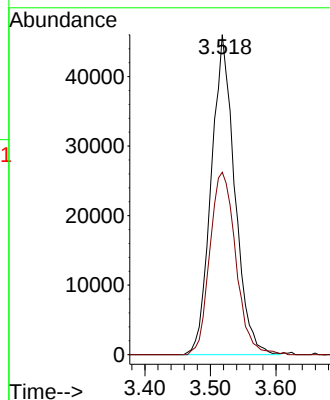
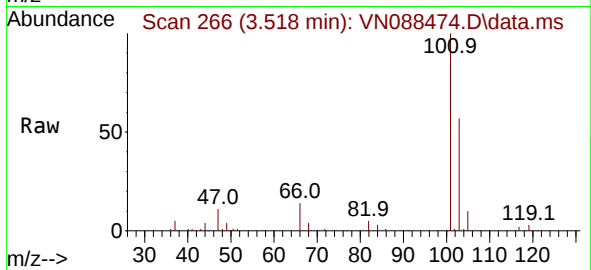




#7
Trichlorofluoromethane
Concen: 21.819 ug/l
RT: 3.518 min Scan# 218
Delta R.T. 0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

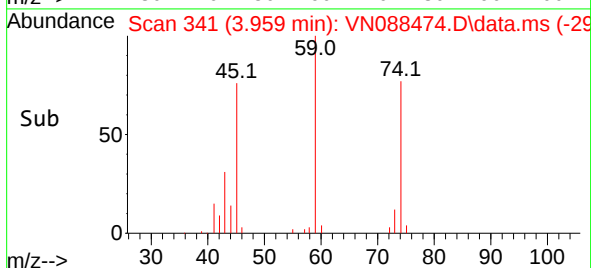
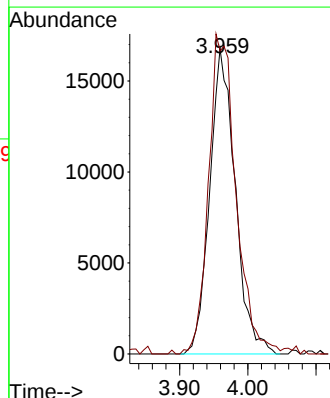
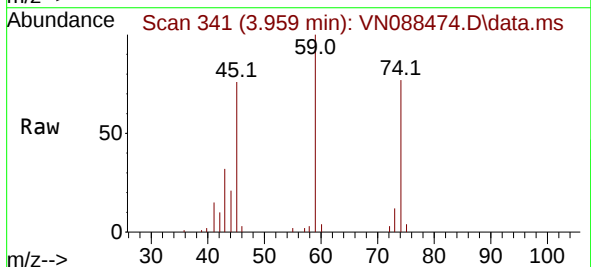
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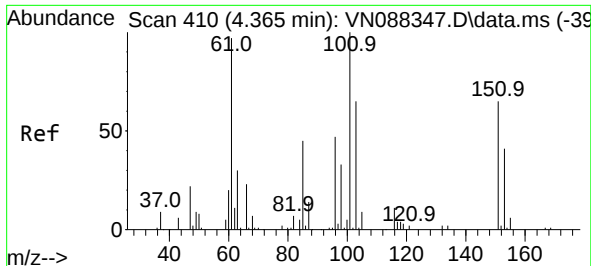
Tgt Ion:101 Resp: 114459
Ion Ratio Lower Upper
101 100
103 57.0 52.3 78.5



#8
Diethyl Ether
Concen: 22.252 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 74 Resp: 43812
Ion Ratio Lower Upper
74 100
45 112.2 54.2 162.6

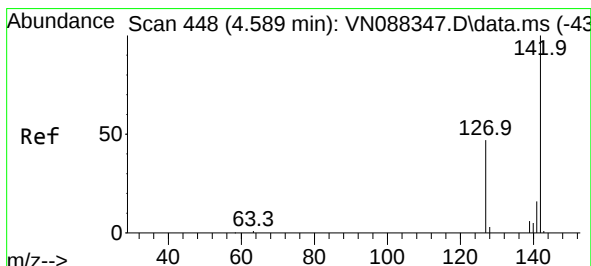
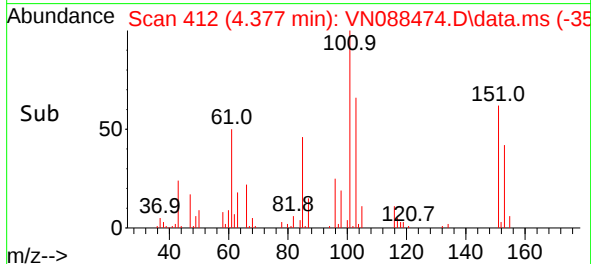
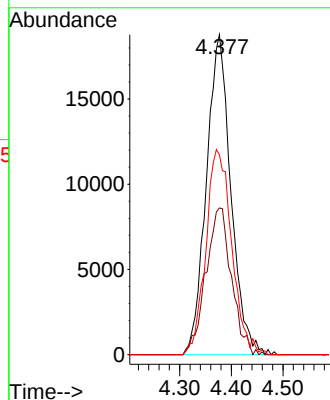
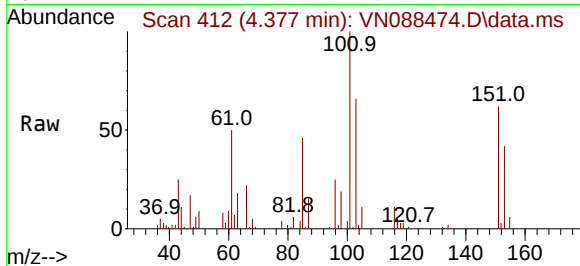




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.173 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

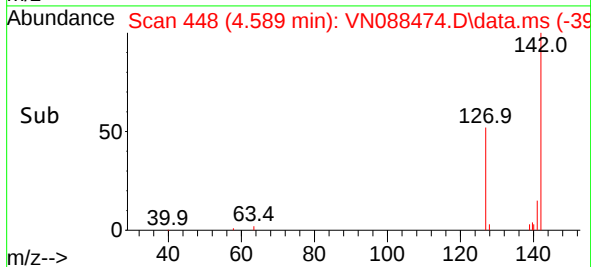
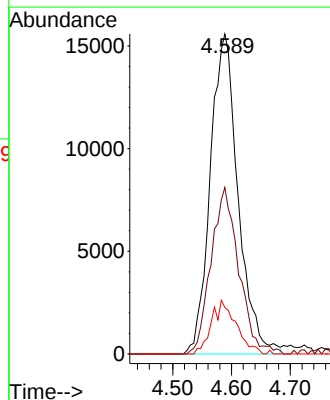
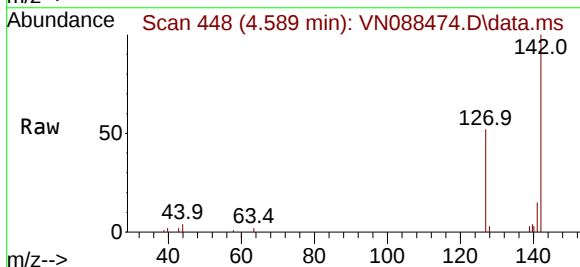
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

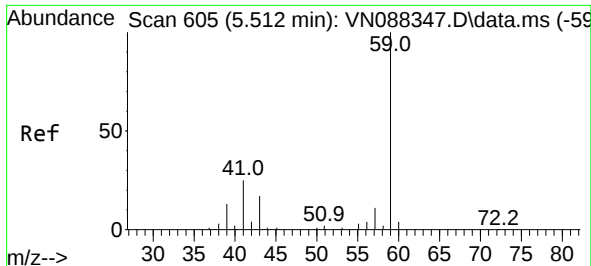
Tgt Ion:101 Resp: 61922
Ion Ratio Lower Upper
101 100
85 47.8 39.2 58.8
151 67.7 53.6 80.4



#10
Methyl Iodide
Concen: 18.498 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion:142 Resp: 51139
Ion Ratio Lower Upper
142 100
127 52.0 37.9 56.9
141 14.6 12.4 18.6

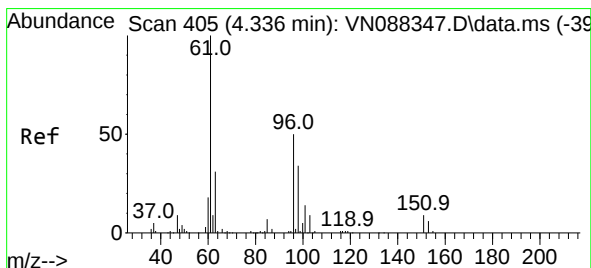
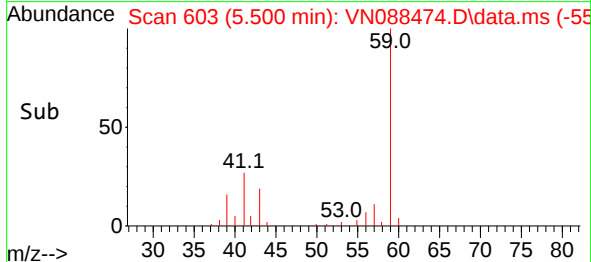
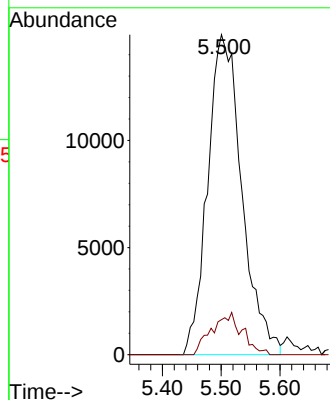
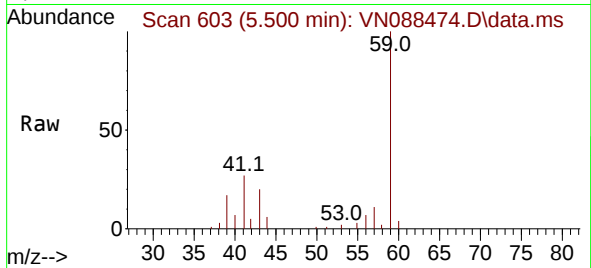




#11
Tert butyl alcohol
Concen: 88.140 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

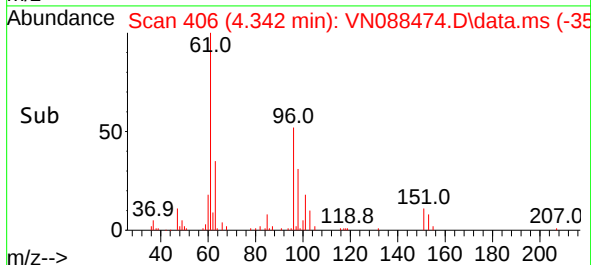
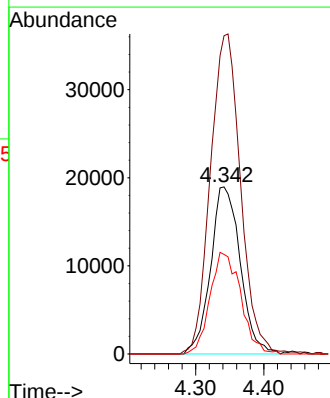
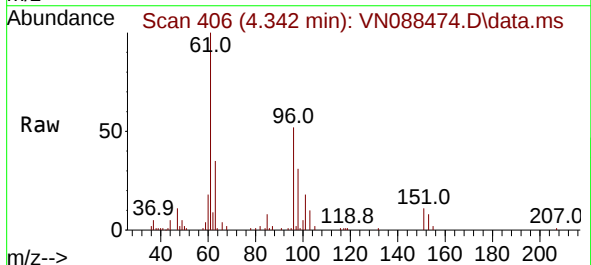
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

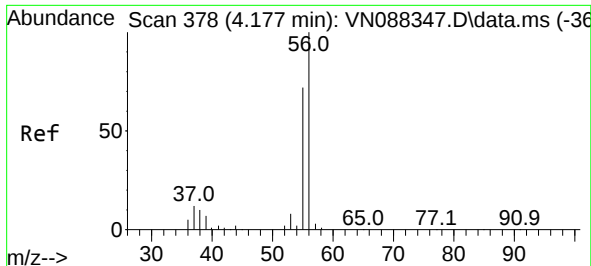
Tgt Ion: 59 Resp: 60289
Ion Ratio Lower Upper
59 100
57 11.7 8.5 12.7



#12
1,1-Dichloroethene
Concen: 20.714 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 96 Resp: 57475
Ion Ratio Lower Upper
96 100
61 190.5 159.1 238.7
98 59.6 53.7 80.5

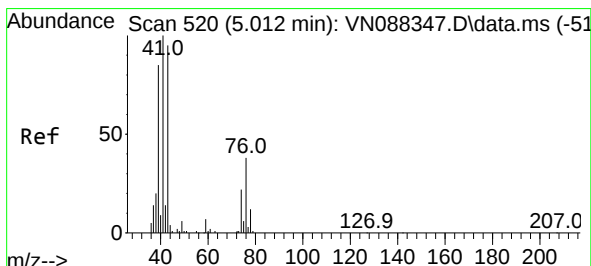
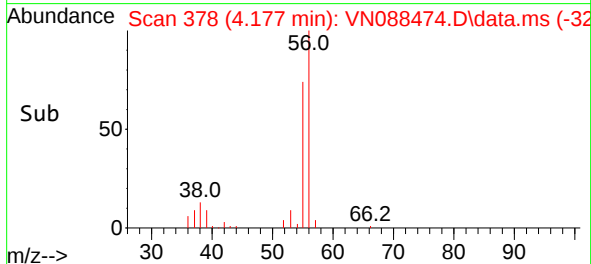
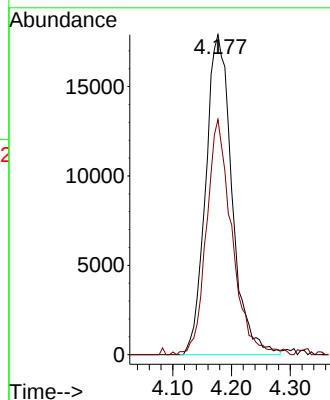
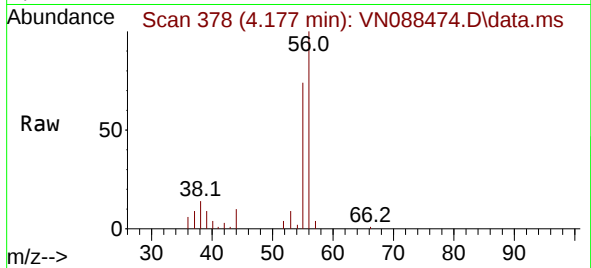




#13
Acrolein
Concen: 85.109 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

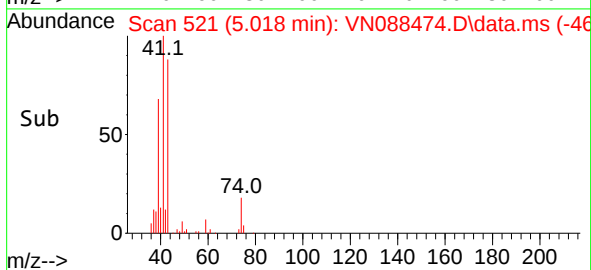
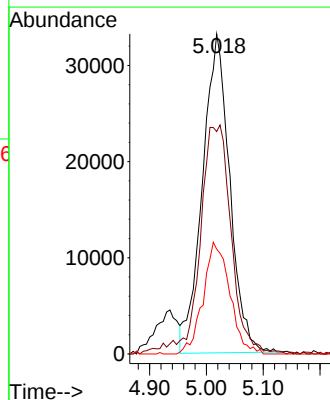
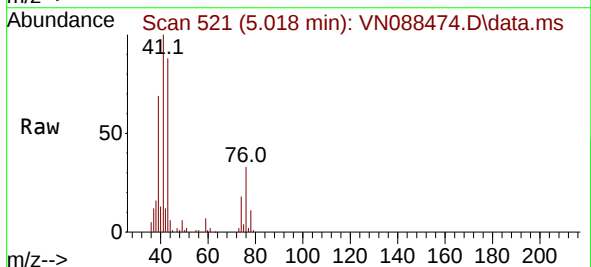
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

Tgt Ion: 56 Resp: 55735
Ion Ratio Lower Upper
56 100
55 71.3 56.3 84.5



#14
Allyl chloride
Concen: 21.450 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 41 Resp: 110312
Ion Ratio Lower Upper
41 100
39 82.1 64.7 97.1
76 34.4 29.1 43.7

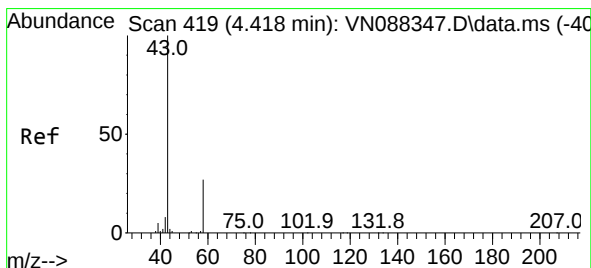
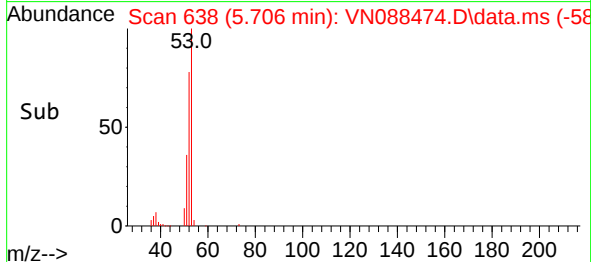
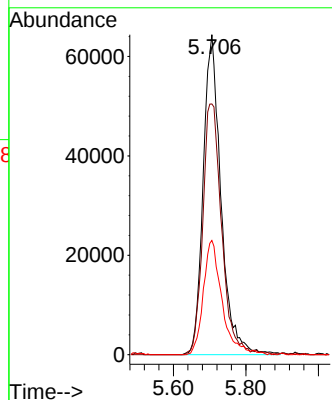
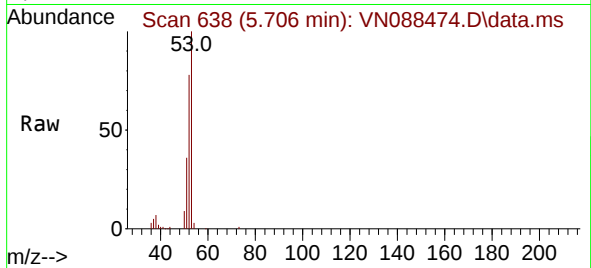




#15
Acrylonitrile
Concen: 111.405 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

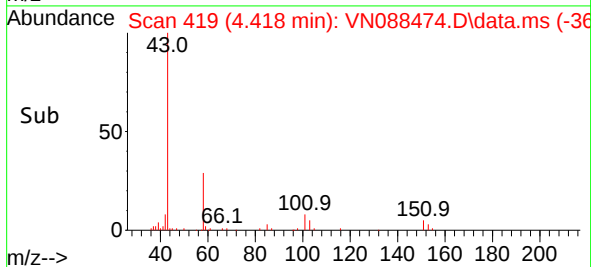
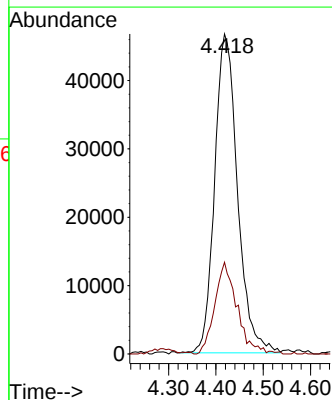
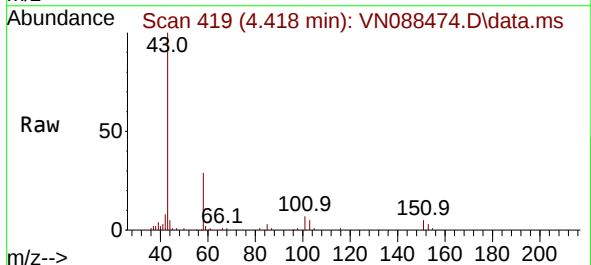
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

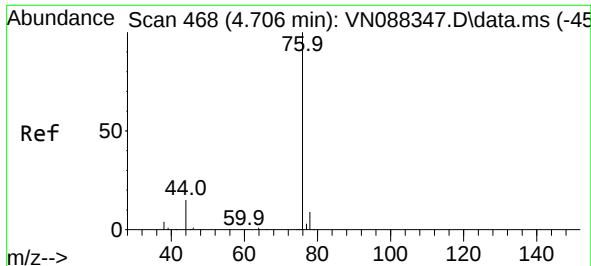
Tgt Ion: 53 Resp: 219860
Ion Ratio Lower Upper
53 100
52 82.6 67.8 101.6
51 37.0 29.8 44.8



#16
Acetone
Concen: 101.093 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 43 Resp: 156637
Ion Ratio Lower Upper
43 100
58 28.3 21.7 32.5

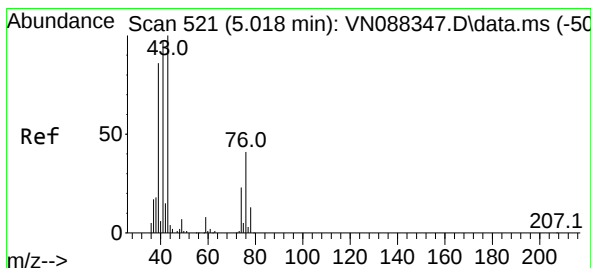
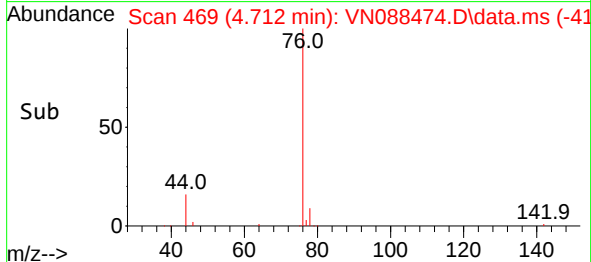
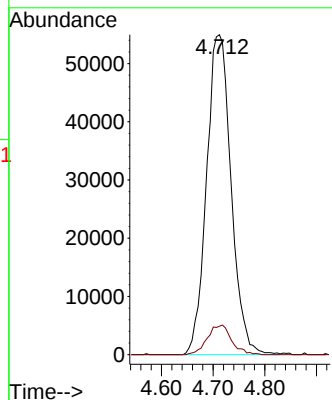
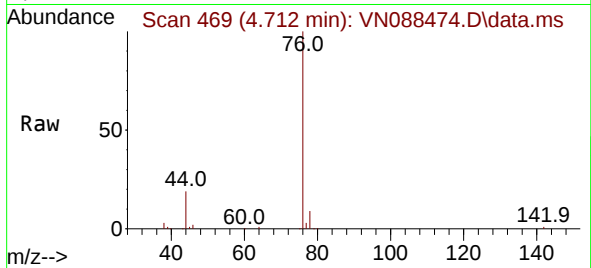




#17
Carbon Disulfide
Concen: 20.018 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

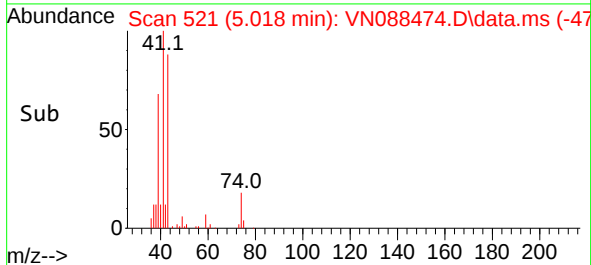
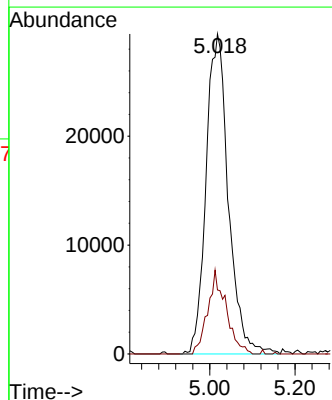
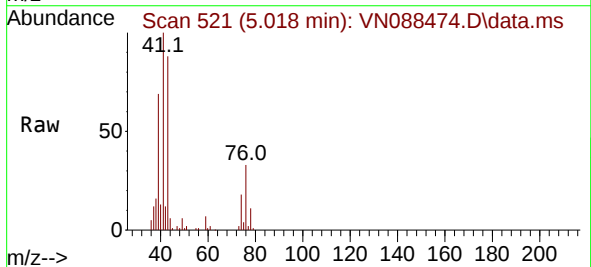
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

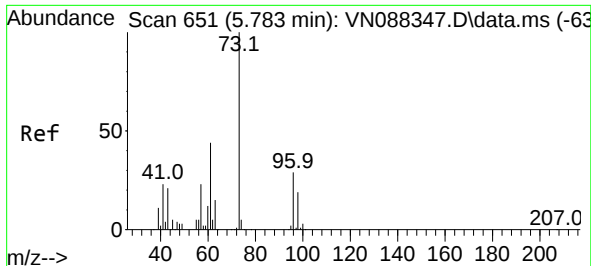
Tgt Ion: 76 Resp: 181506
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 23.173 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 43 Resp: 106878
Ion Ratio Lower Upper
43 100
74 21.6 17.9 26.9

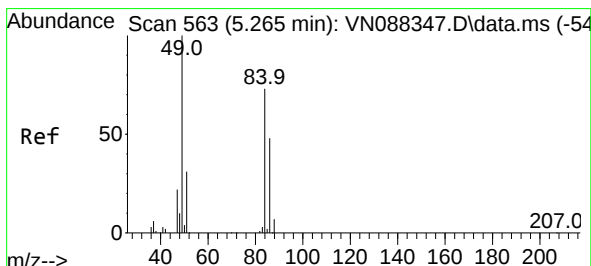
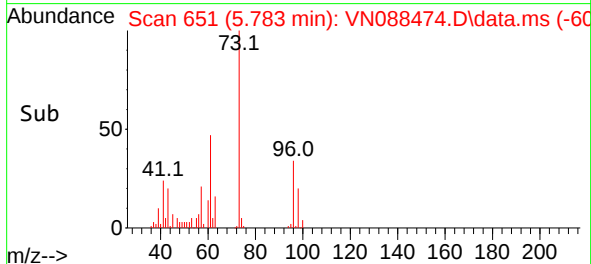
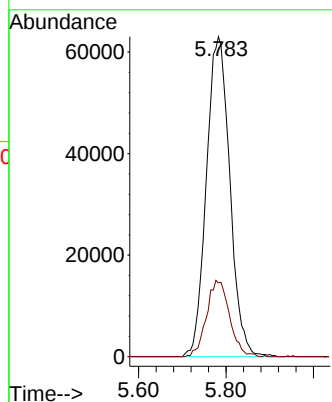
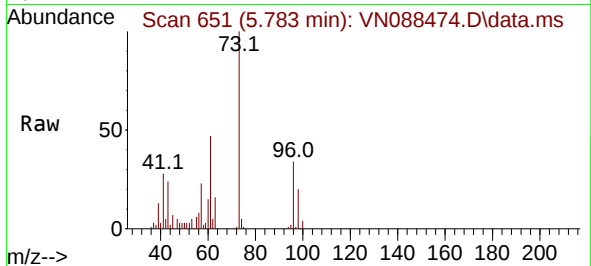




#19
Methyl tert-butyl Ether
Concen: 22.549 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

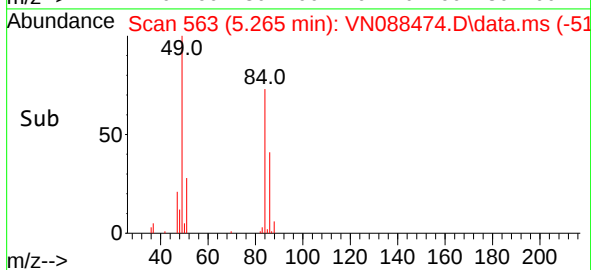
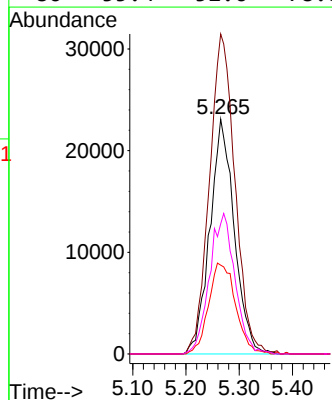
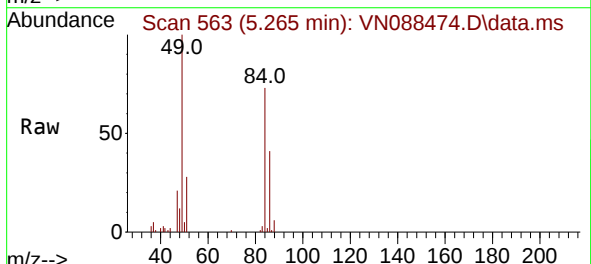
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

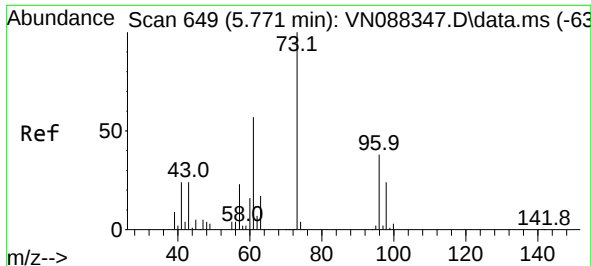
Tgt Ion: 73 Resp: 234407
Ion Ratio Lower Upper
73 100
57 23.1 18.6 28.0



#20
Methylene Chloride
Concen: 22.227 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 84 Resp: 73684
Ion Ratio Lower Upper
84 100
49 136.3 110.2 165.2
51 37.8 34.1 51.1
86 55.4 52.6 78.8

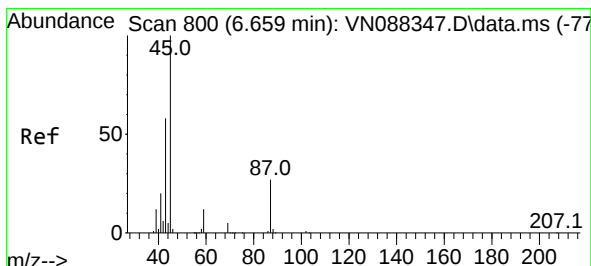
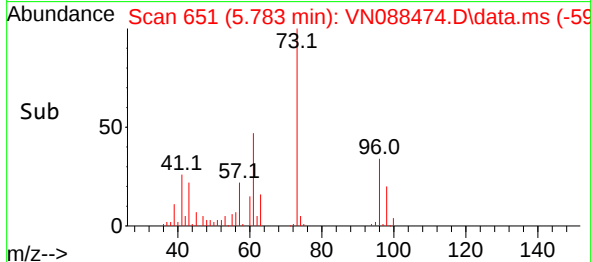
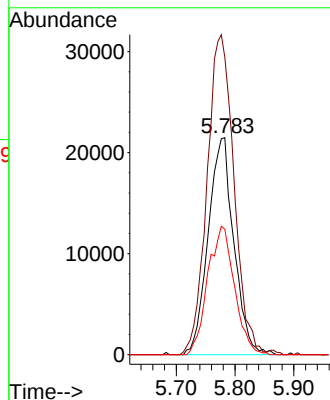
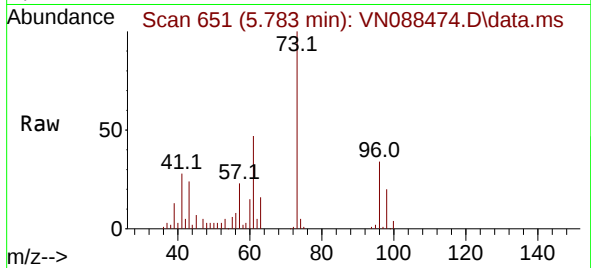




#21
trans-1,2-Dichloroethene
Concen: 21.239 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

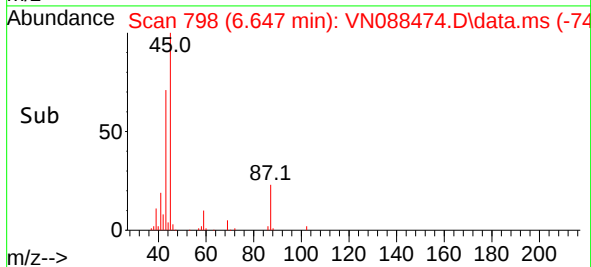
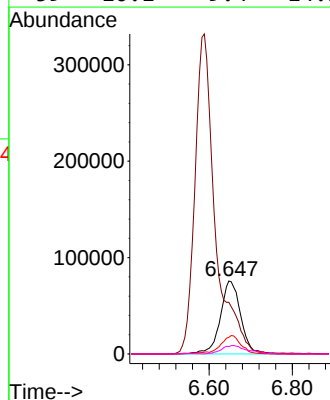
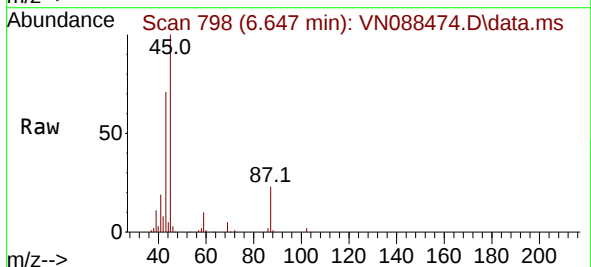
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

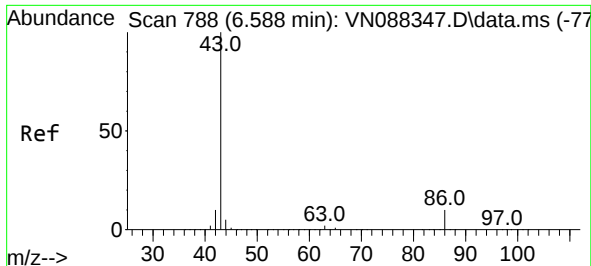
Tgt Ion: 96 Resp: 65282
Ion Ratio Lower Upper
96 100
61 137.0 122.4 183.6
98 57.8 50.9 76.3



#22
Diisopropyl ether
Concen: 23.296 ug/l
RT: 6.647 min Scan# 798
Delta R.T. -0.012 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 45 Resp: 255787
Ion Ratio Lower Upper
45 100
43 69.7 47.4 71.2
87 22.8 21.9 32.9
59 10.1 9.4 14.2

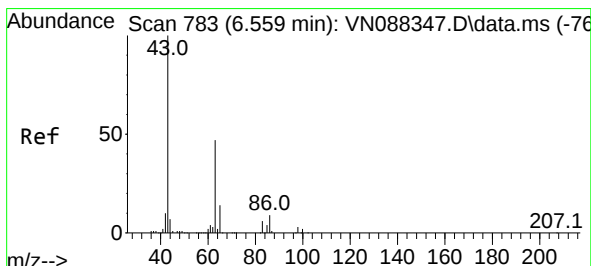
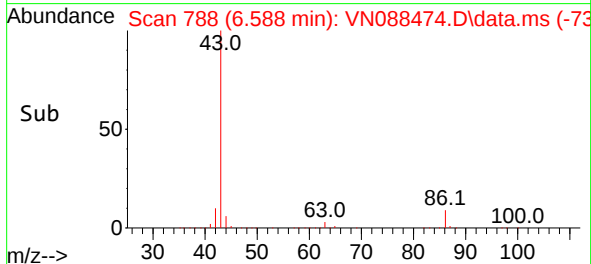
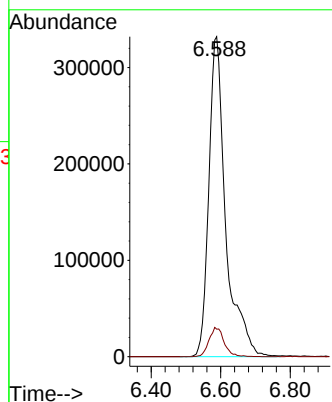
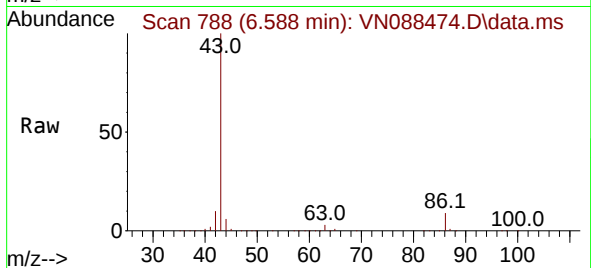




#23
 Vinyl Acetate
 Concen: 126.654 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

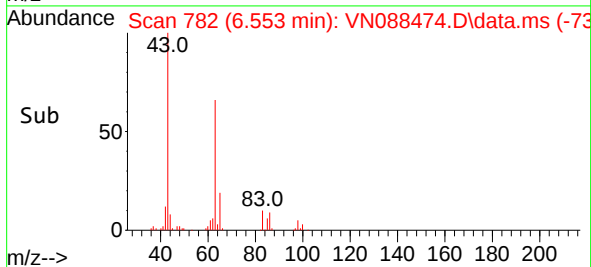
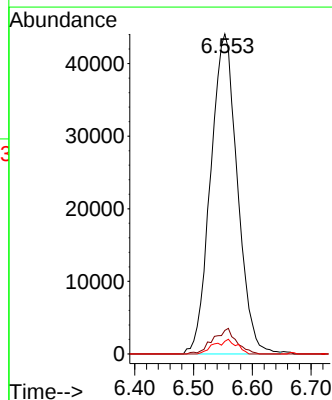
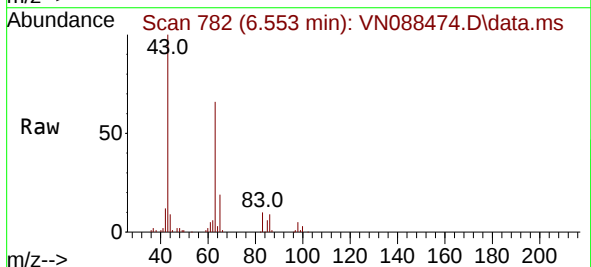
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBS01

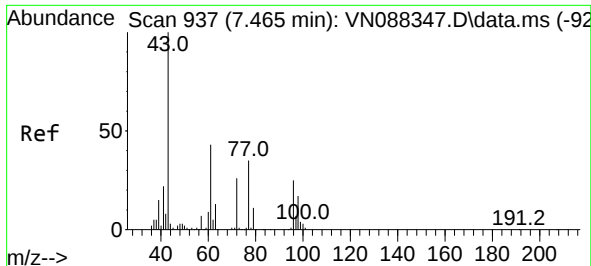
Tgt Ion: 43 Resp: 1120394
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 22.458 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.006 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

Tgt Ion: 63 Resp: 139641
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.0 1.9 5.7

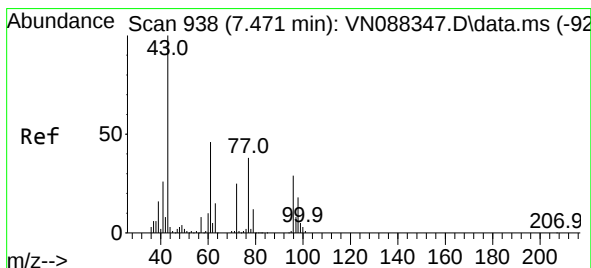
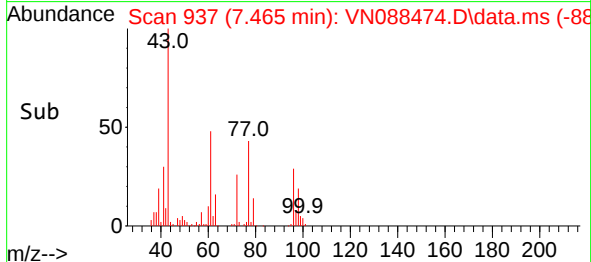
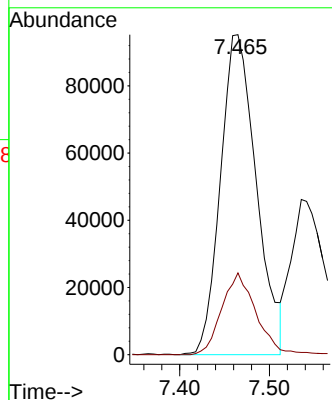
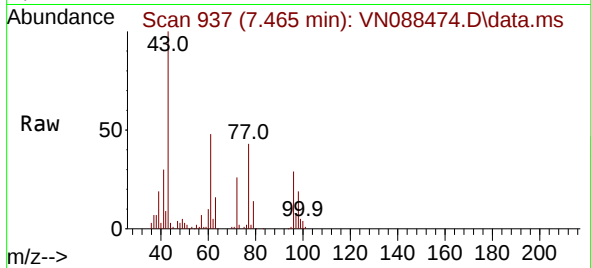




#25
2-Butanone
Concen: 106.248 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

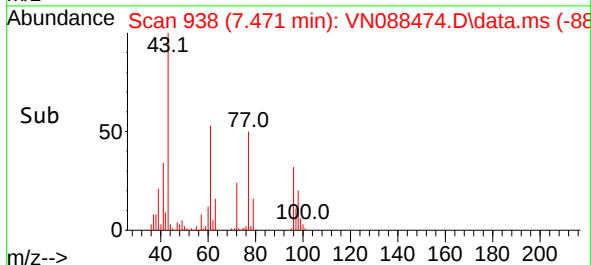
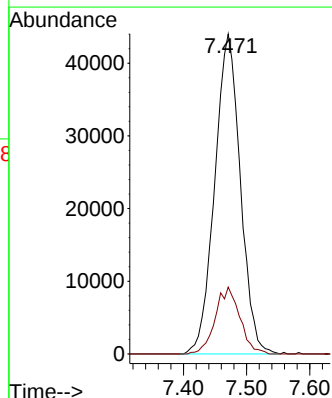
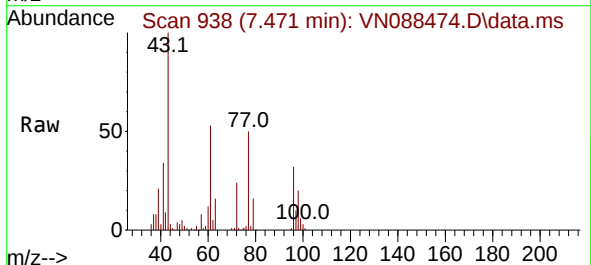
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

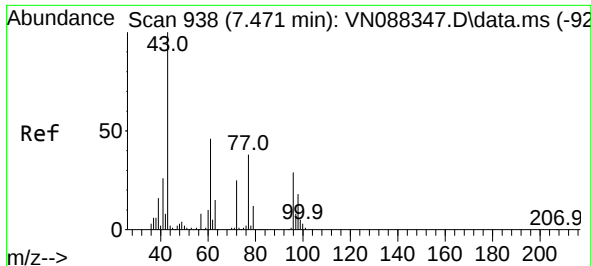
Tgt Ion: 43 Resp: 264652
Ion Ratio Lower Upper
43 100
72 25.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 23.096 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 77 Resp: 123953
Ion Ratio Lower Upper
77 100
97 20.1 10.3 30.9

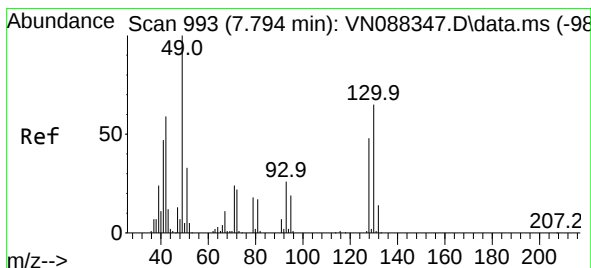
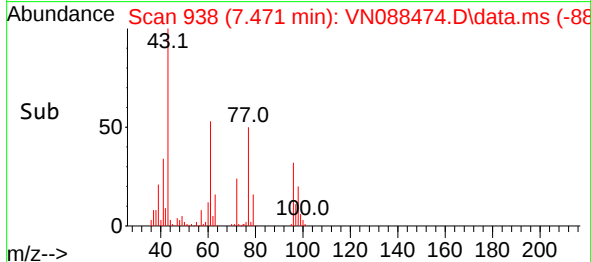
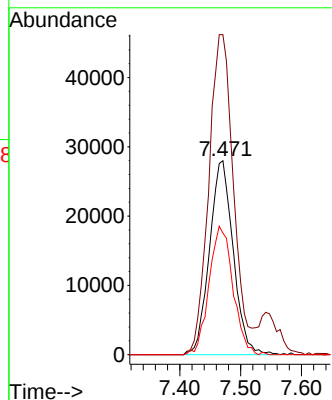
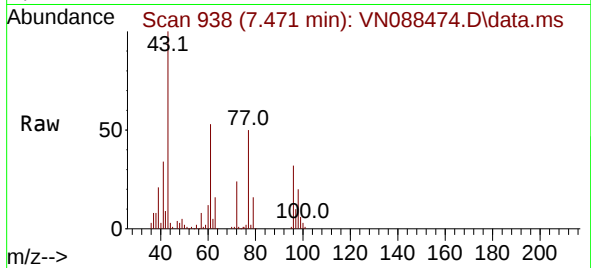




#27
 cis-1,2-Dichloroethene
 Concen: 21.216 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

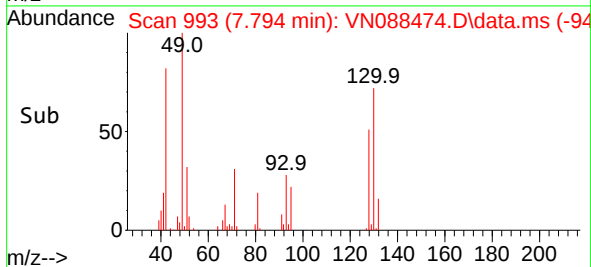
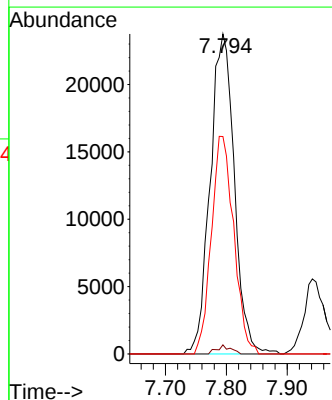
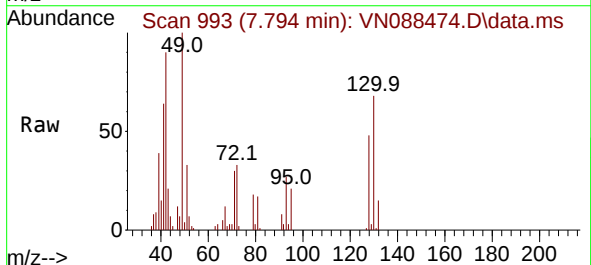
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBS01

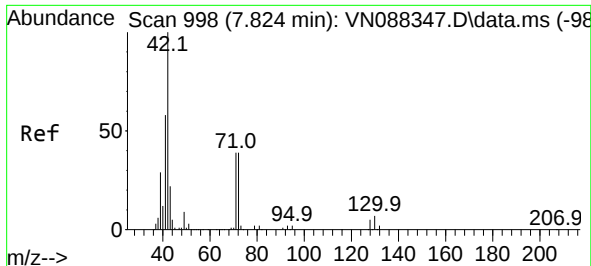
Tgt Ion: 96 Resp: 75785
 Ion Ratio Lower Upper
 96 100
 61 170.7 0.0 323.6
 98 66.3 0.0 127.2



#28
 Bromochloromethane
 Concen: 21.157 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

Tgt Ion: 49 Resp: 65531
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.6
 130 63.0 51.1 76.7





#29

Tetrahydrofuran

Concen: 112.297 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.006 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBS01

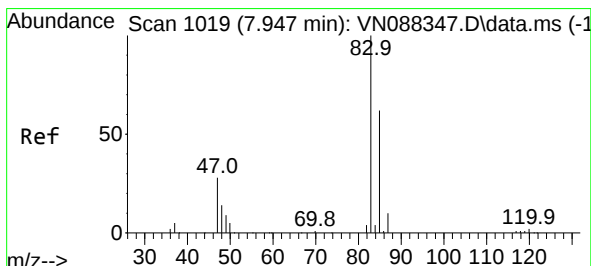
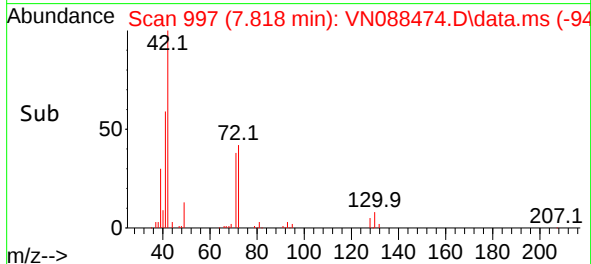
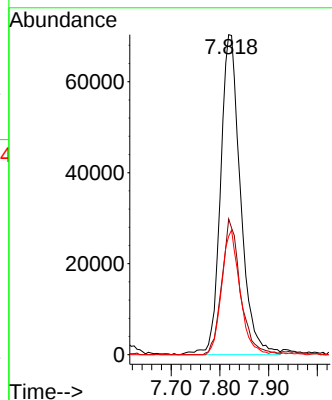
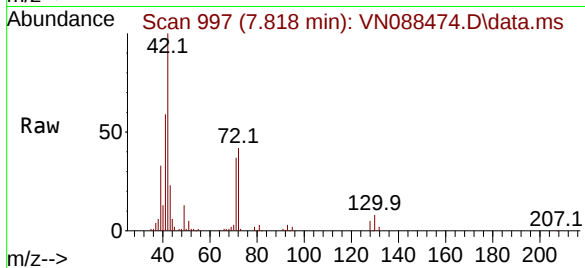
Tgt Ion: 42 Resp: 200635

Ion Ratio Lower Upper

42 100

72 39.5 32.2 48.4

71 35.8 31.1 46.7



#30

Chloroform

Concen: 23.412 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN088474.D

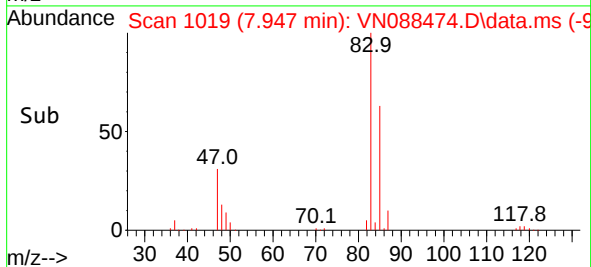
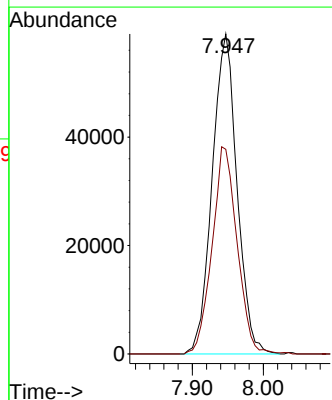
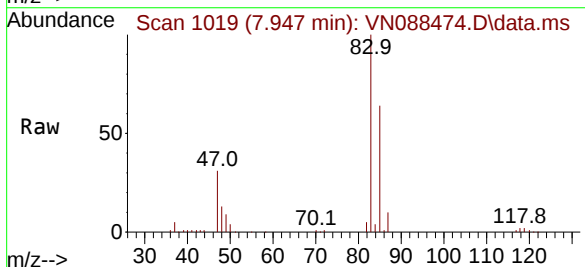
Acq: 09 Dec 2025 12:51

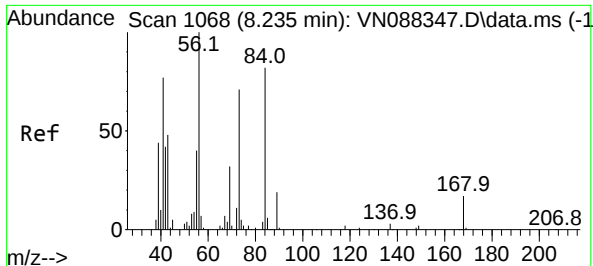
Tgt Ion: 83 Resp: 143040

Ion Ratio Lower Upper

83 100

85 63.9 49.8 74.8

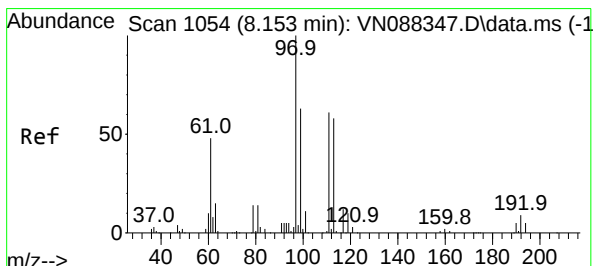
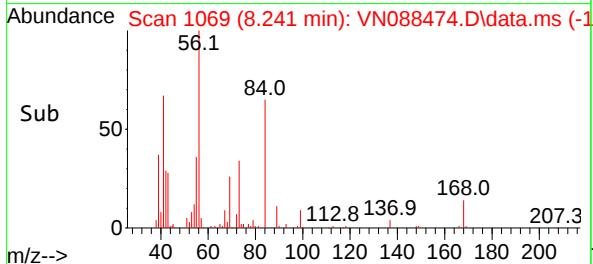
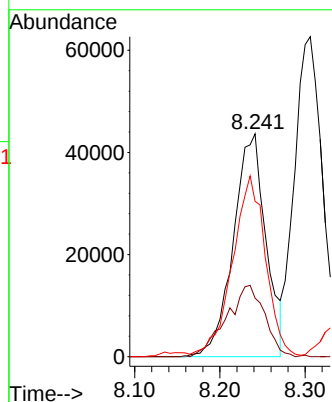
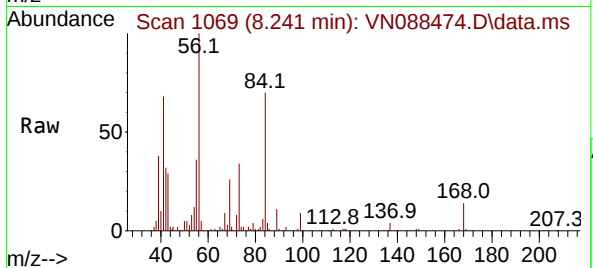




#31
Cyclohexane
Concen: 20.620 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

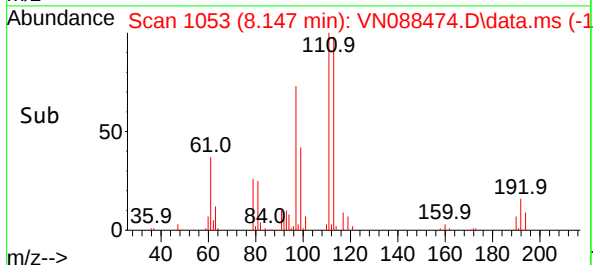
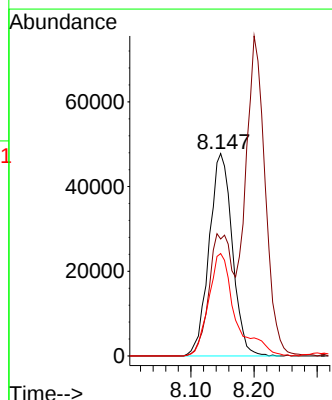
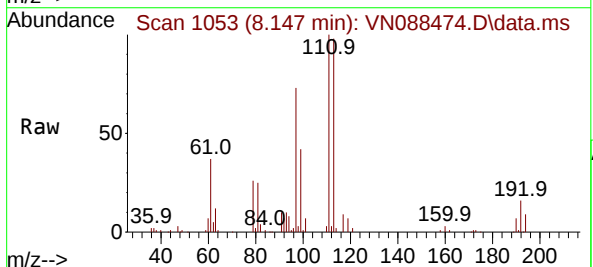
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

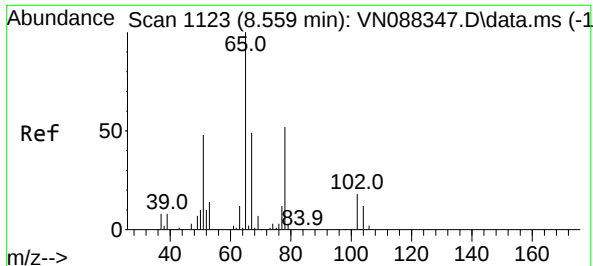
Tgt Ion: 56 Resp: 116187
Ion Ratio Lower Upper
56 100
69 26.3 25.3 37.9
84 67.9 65.4 98.2



#32
1,1,1-Trichloroethane
Concen: 22.663 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 97 Resp: 121743
Ion Ratio Lower Upper
97 100
99 61.7 50.8 76.2
61 58.3 42.2 63.2





#33

1,2-Dichloroethane-d4

Concen: 58.335 ug/l

RT: 8.553 min Scan# 1122

Delta R.T. -0.006 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

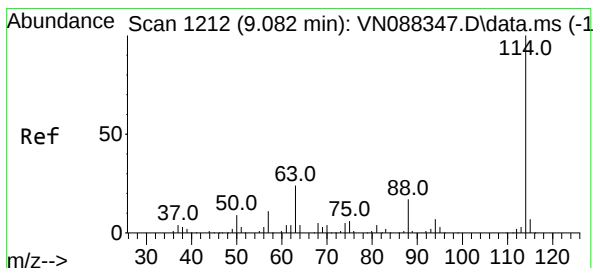
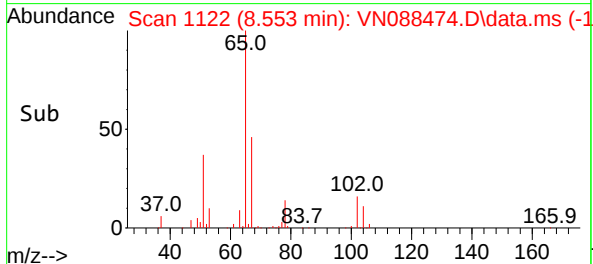
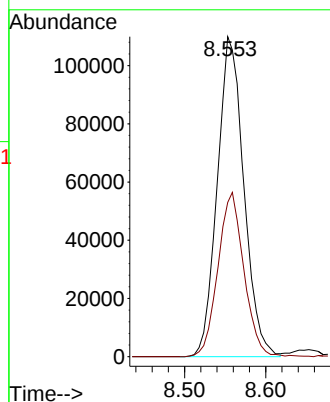
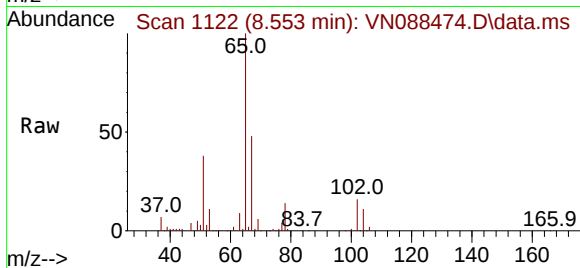
VN1209MBS01

Tgt Ion: 65 Resp: 249926

Ion Ratio Lower Upper

65 100

67 50.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

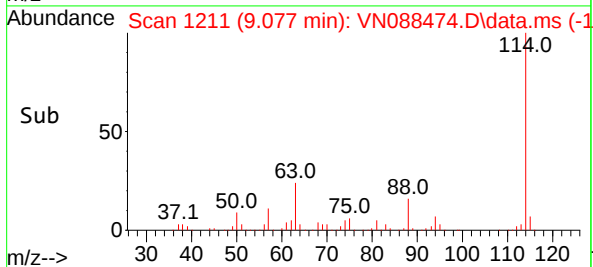
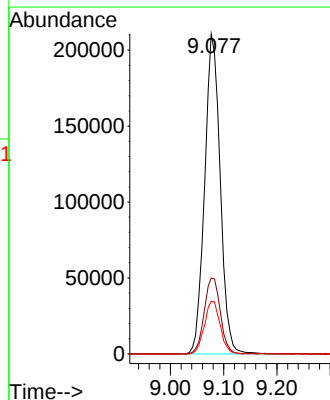
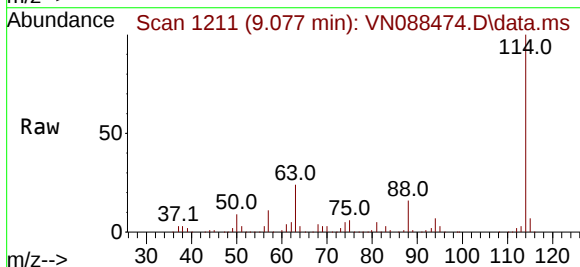
Tgt Ion: 114 Resp: 428540

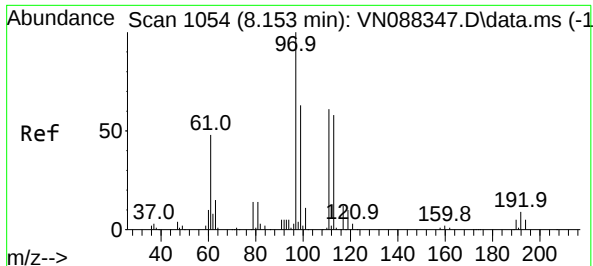
Ion Ratio Lower Upper

114 100

63 23.8 0.0 49.0

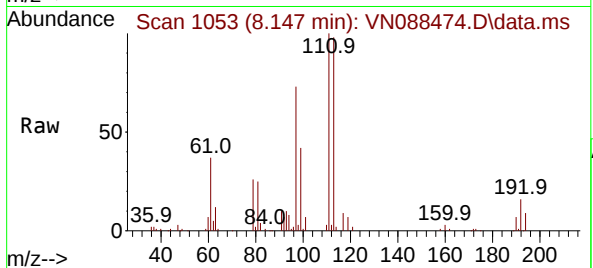
88 16.5 0.0 34.0



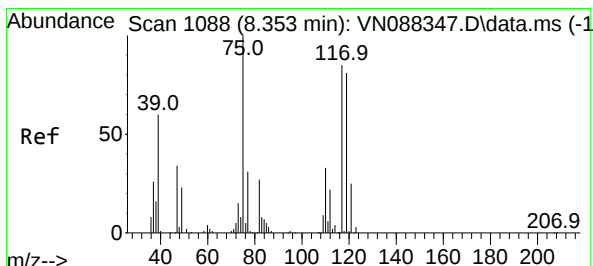
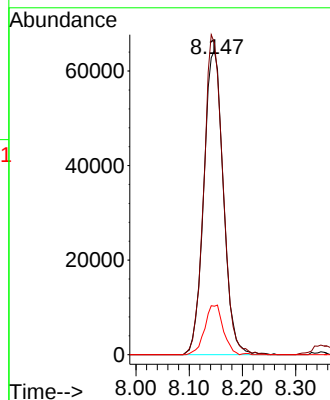
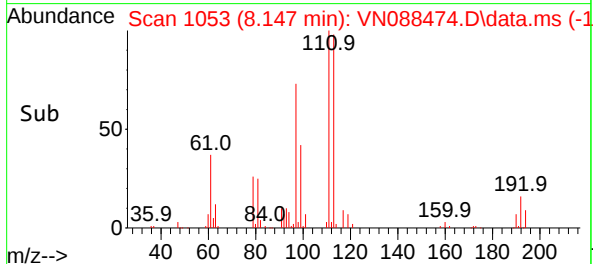


#35
Dibromofluoromethane
Concen: 55.325 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

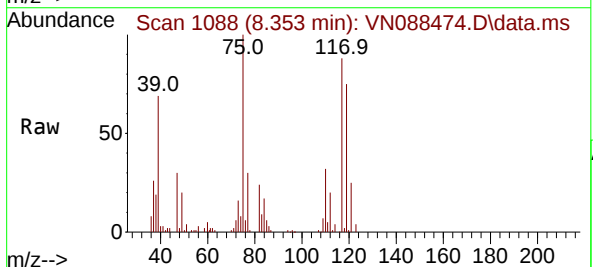
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01



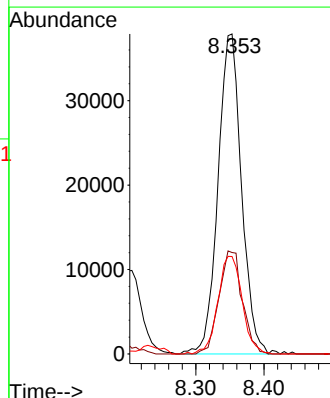
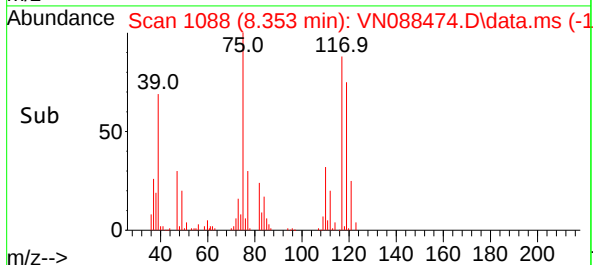
Tgt Ion:113 Resp: 164303
Ion Ratio Lower Upper
113 100
111 102.0 82.5 123.7
192 15.4 12.8 19.2

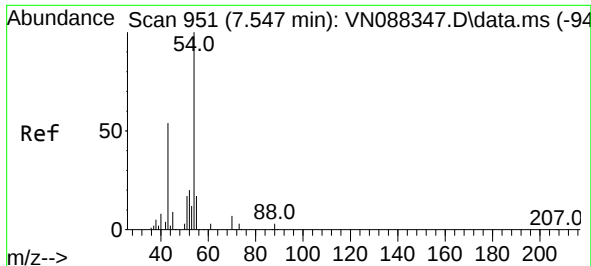


#36
1,1-Dichloropropene
Concen: 19.868 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51



Tgt Ion: 75 Resp: 91060
Ion Ratio Lower Upper
75 100
110 31.9 15.8 47.4
77 31.5 24.2 36.2

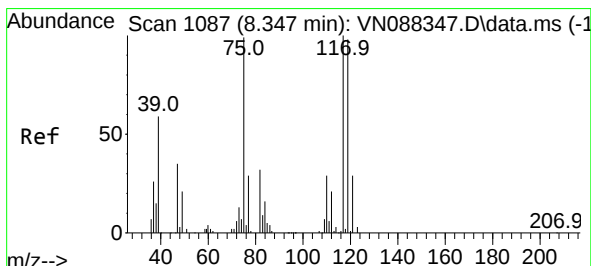
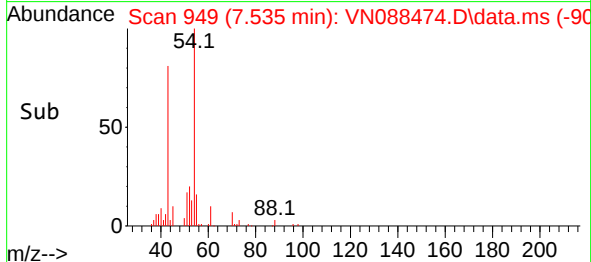
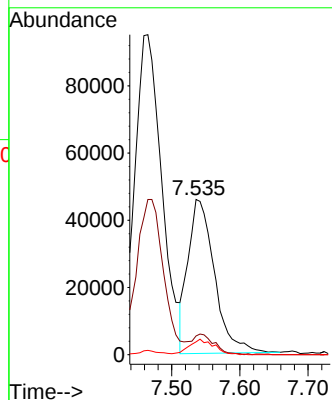
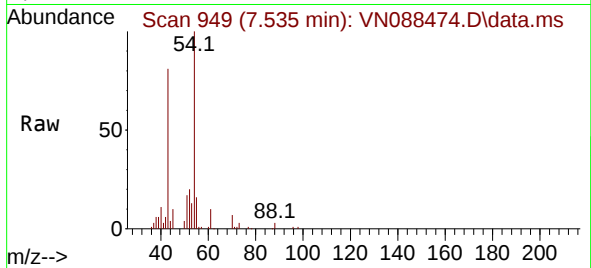




#37
Ethyl Acetate
Concen: 20.470 ug/l
RT: 7.535 min Scan# 949
Delta R.T. -0.012 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

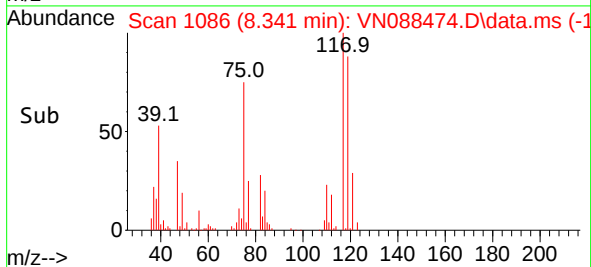
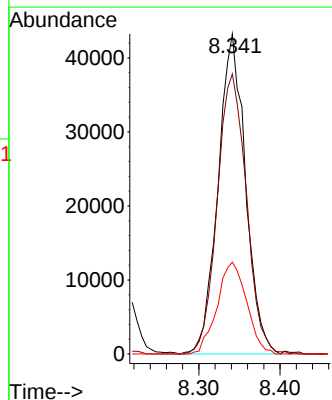
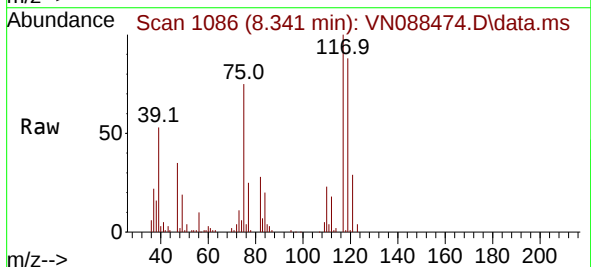
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

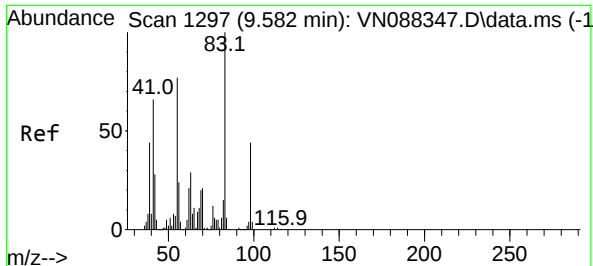
Tgt Ion: 43 Resp: 123362
Ion Ratio Lower Upper
43 100
61 10.9 9.5 14.3
70 9.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 22.253 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 117 Resp: 101531
Ion Ratio Lower Upper
117 100
119 87.5 78.2 117.4
121 28.7 23.4 35.2





#39

Methylcyclohexane

Concen: 18.653 ug/l

RT: 9.576 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBS01

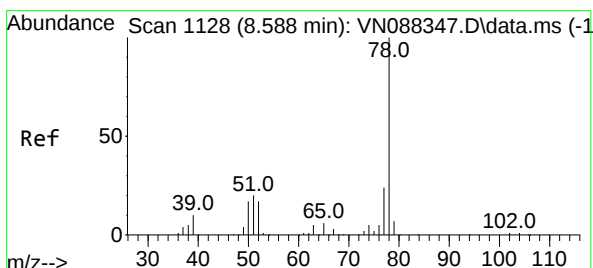
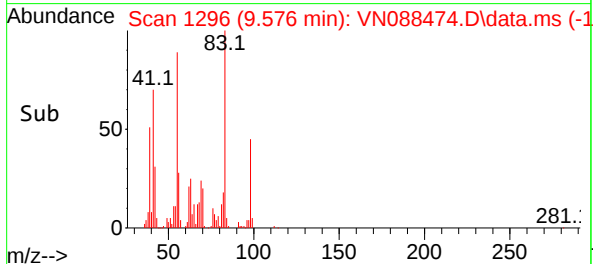
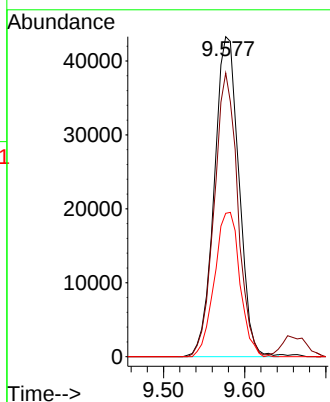
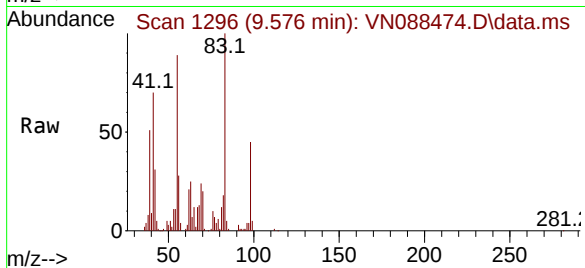
Tgt Ion: 83 Resp: 91447

Ion Ratio Lower Upper

83 100

55 88.7 61.6 92.4

98 44.8 35.3 52.9



#40

Benzene

Concen: 21.345 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088474.D

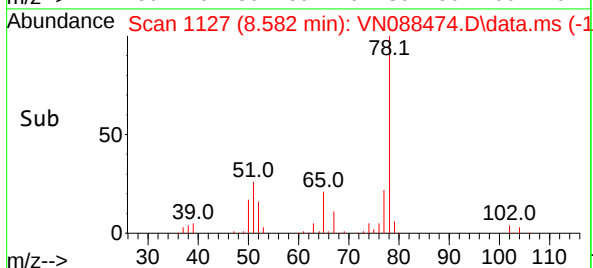
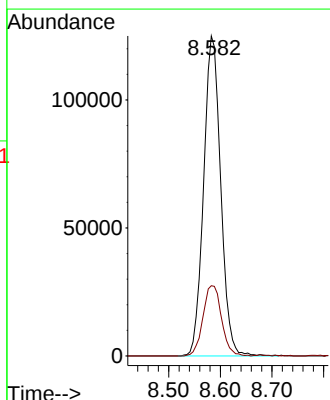
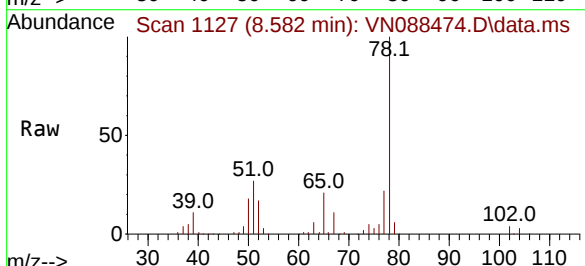
Acq: 09 Dec 2025 12:51

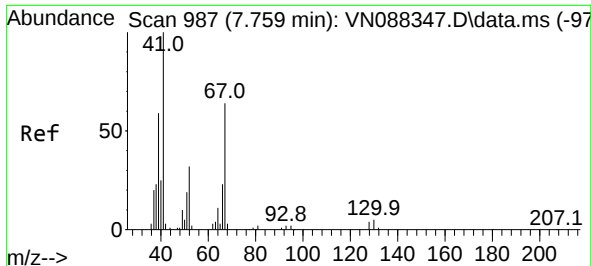
Tgt Ion: 78 Resp: 287129

Ion Ratio Lower Upper

78 100

77 22.0 19.0 28.4

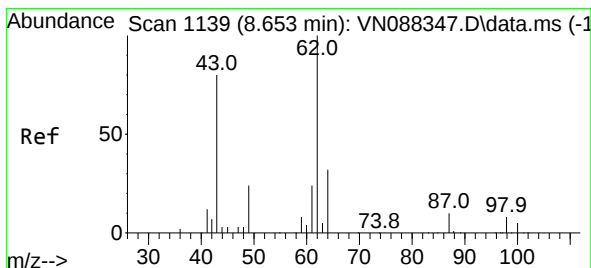
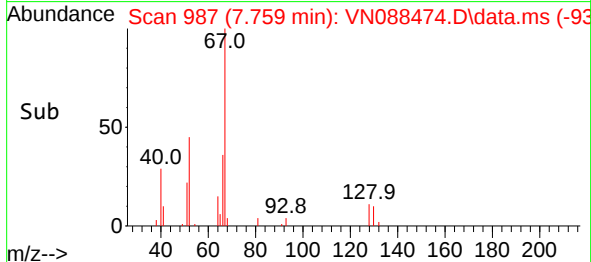
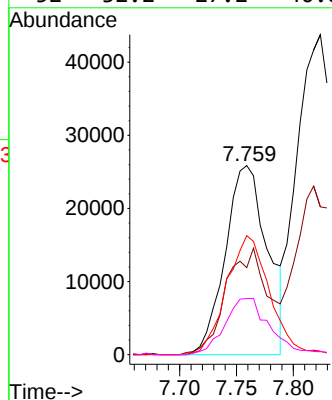
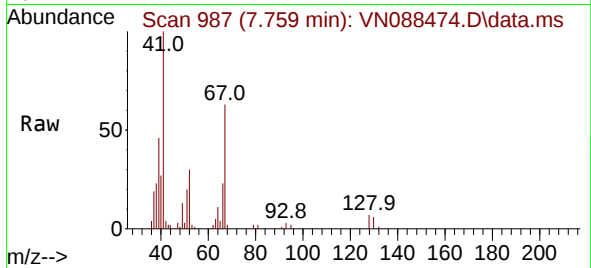




#41
Methacrylonitrile
Concen: 22.356 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

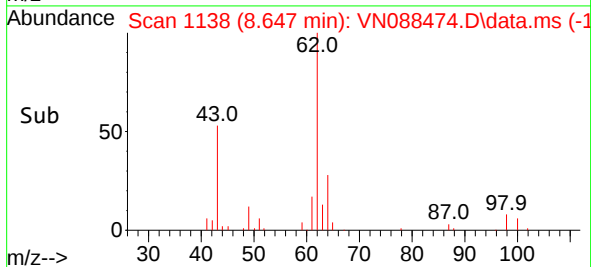
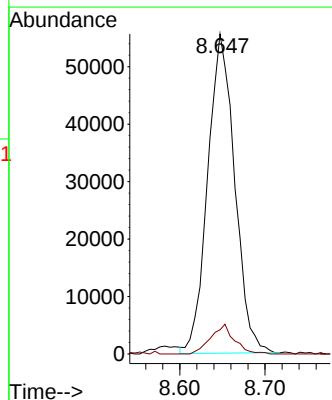
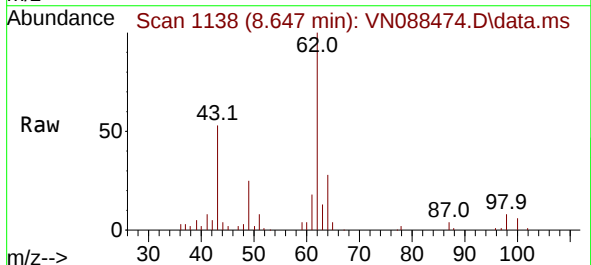
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

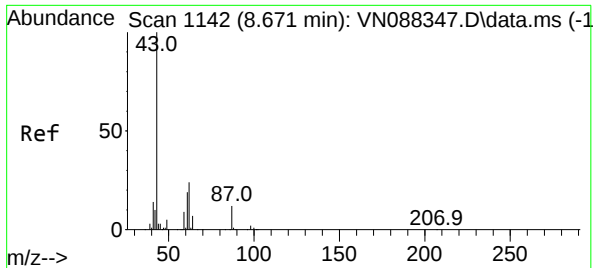
Tgt Ion:	41	Resp:	66730
Ion	Ratio	Lower	Upper
41	100		
39	56.5	46.3	69.5
67	64.5	54.7	82.1
52	32.2	27.2	40.8



#42
1,2-Dichloroethane
Concen: 23.836 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion:	62	Resp:	122331
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.2

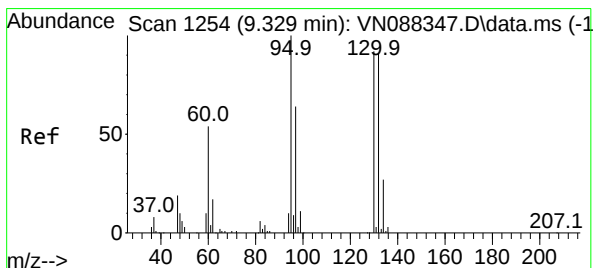
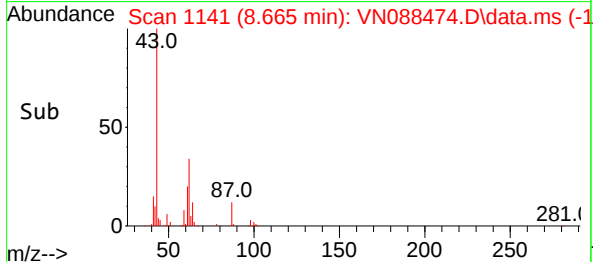
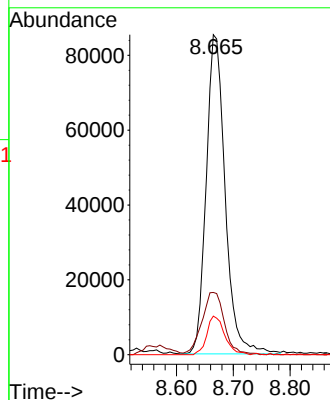
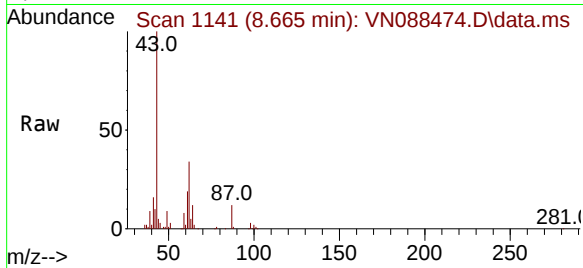




#43
Isopropyl Acetate
Concen: 21.434 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

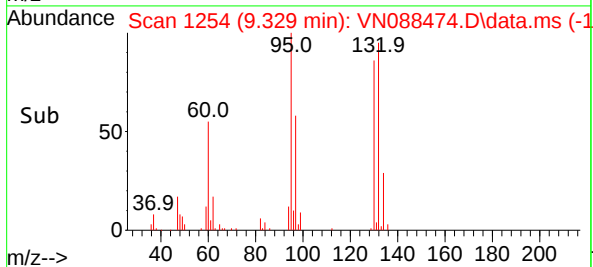
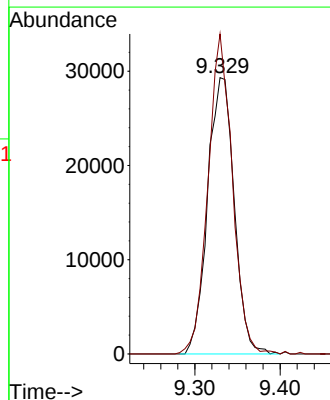
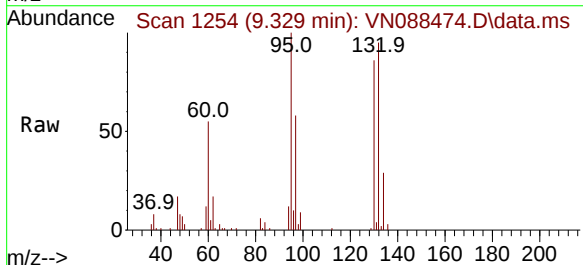
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

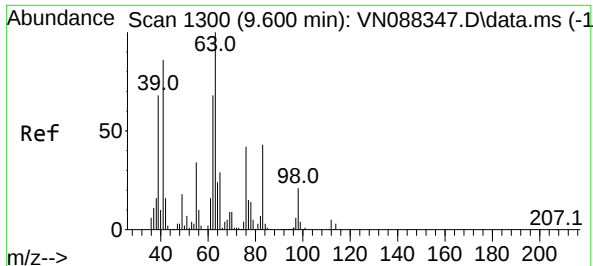
Tgt Ion: 43 Resp: 197354
Ion Ratio Lower Upper
43 100
61 23.2 18.7 28.1
87 11.3 9.1 13.7



#44
Trichloroethene
Concen: 20.006 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion:130 Resp: 63588
Ion Ratio Lower Upper
130 100
95 115.8 0.0 217.0





#45

1,2-Dichloropropane

Concen: 22.828 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

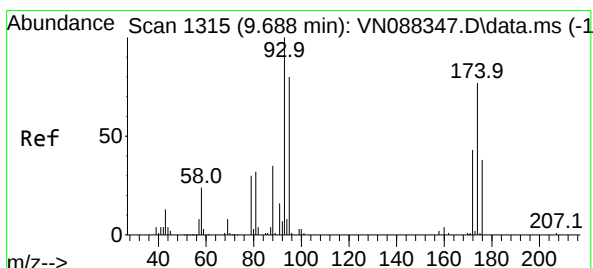
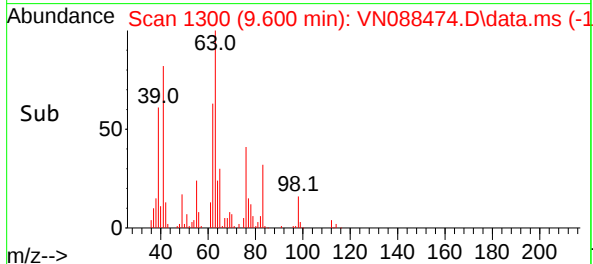
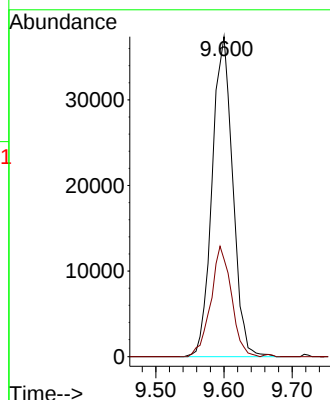
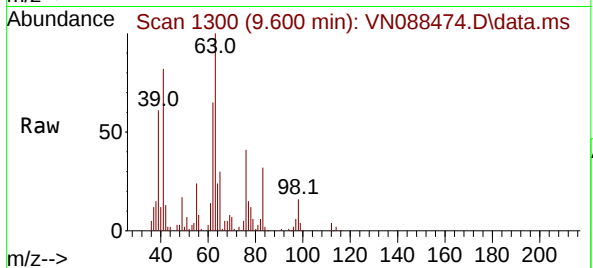
VN1209MBS01

Tgt Ion: 63 Resp: 78679

Ion Ratio Lower Upper

63 100

65 30.5 23.0 34.4



#46

Dibromomethane

Concen: 22.072 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

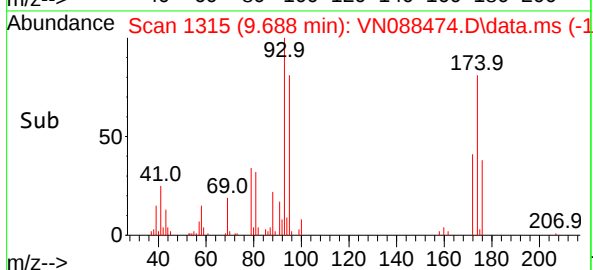
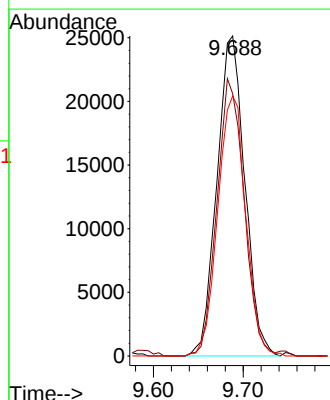
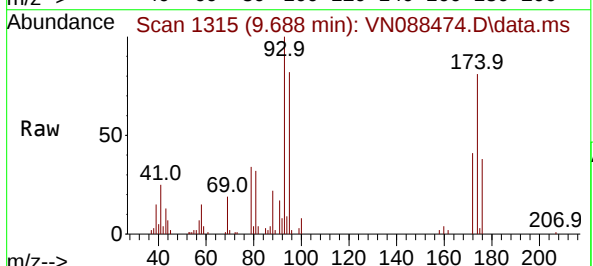
Tgt Ion: 93 Resp: 54290

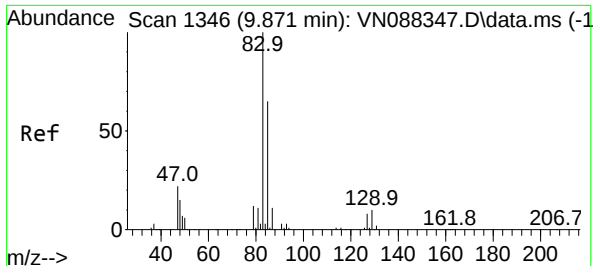
Ion Ratio Lower Upper

93 100

95 84.1 65.8 98.6

174 81.4 64.3 96.5





#47

Bromodichloromethane

Concen: 22.812 ug/l

RT: 9.865 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBS01

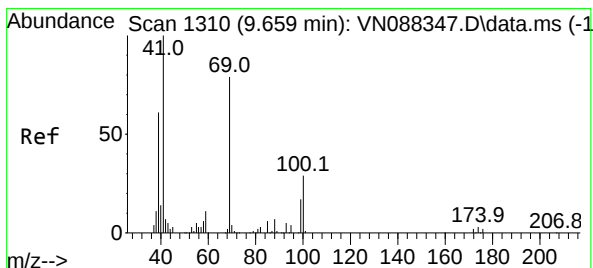
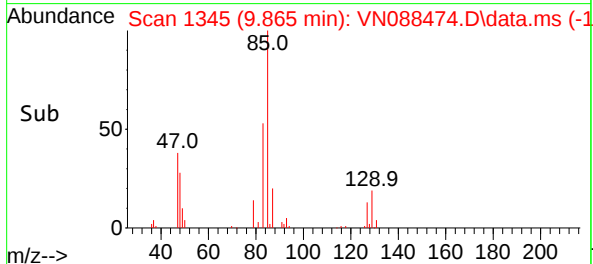
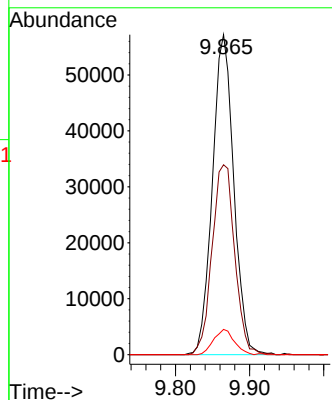
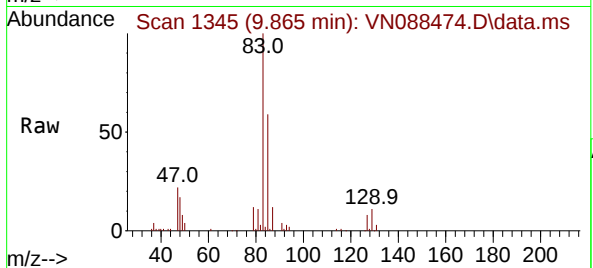
Tgt Ion: 83 Resp: 114487

Ion Ratio Lower Upper

83 100

85 59.3 51.9 77.9

127 7.9 6.3 9.5



#48

Methyl methacrylate

Concen: 21.188 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

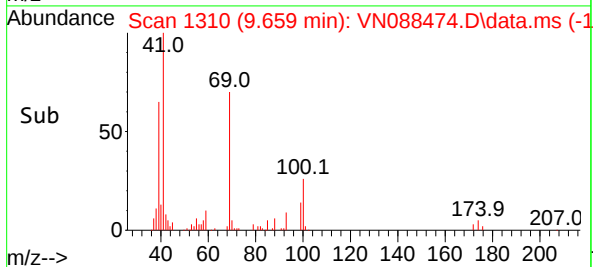
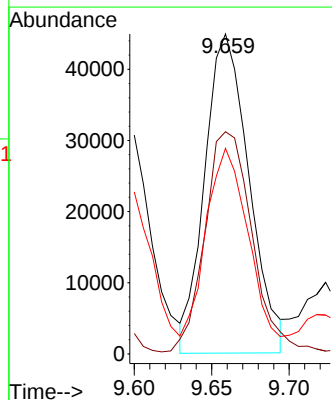
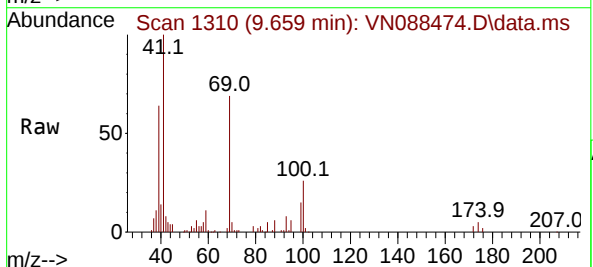
Tgt Ion: 41 Resp: 89015

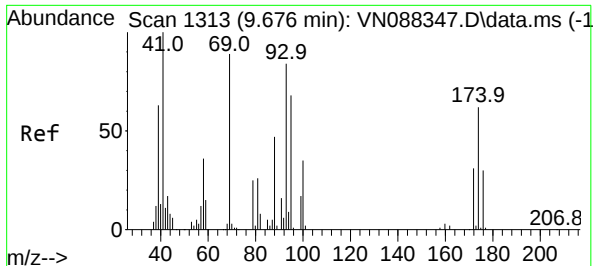
Ion Ratio Lower Upper

41 100

69 74.2 62.4 93.6

39 63.4 52.6 79.0





#49

1,4-Dioxane

Concen: 331.979 ug/l

RT: 9.677 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBS01

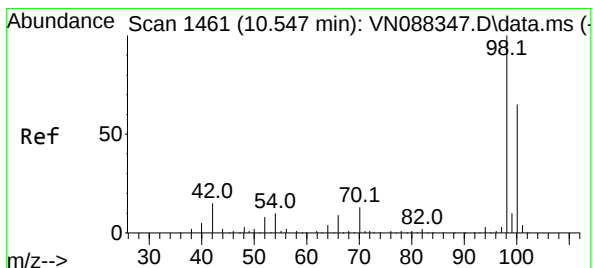
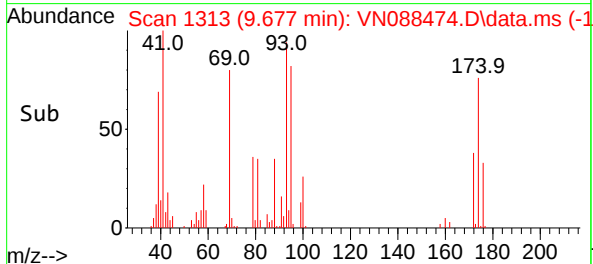
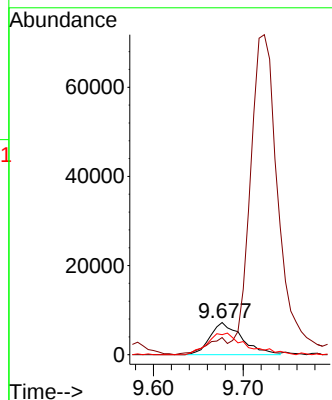
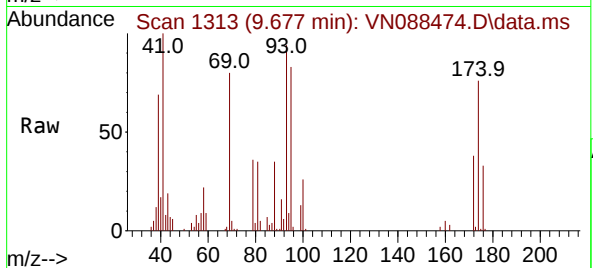
Tgt Ion: 88 Resp: 17737

Ion Ratio Lower Upper

88 100

43 35.7 0.0 0.0#

58 81.1 62.0 93.0



#50

Toluene-d8

Concen: 53.058 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088474.D

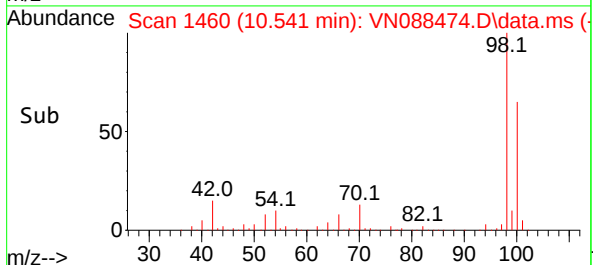
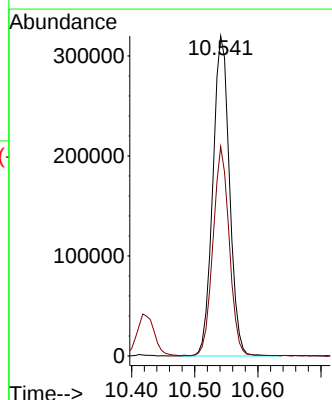
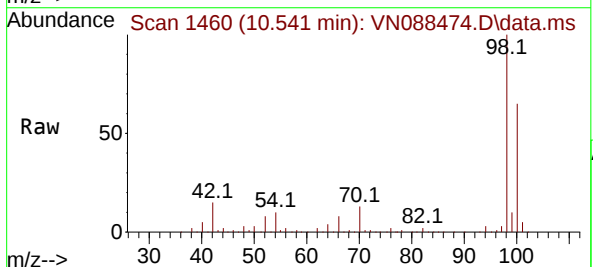
Acq: 09 Dec 2025 12:51

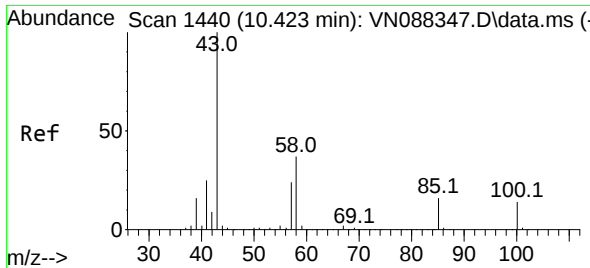
Tgt Ion: 98 Resp: 586278

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.2

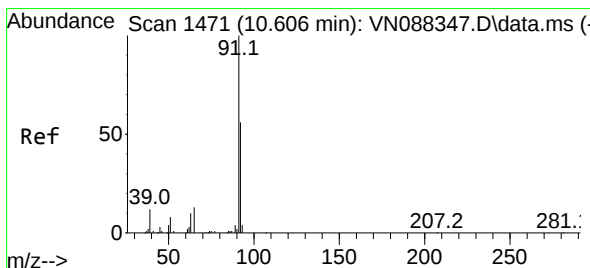
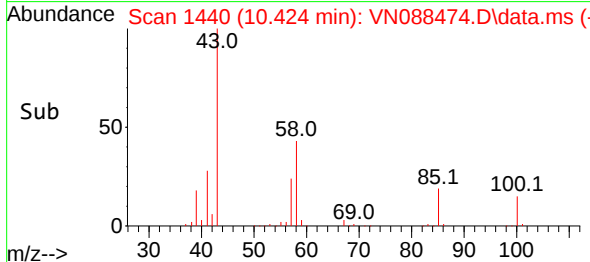
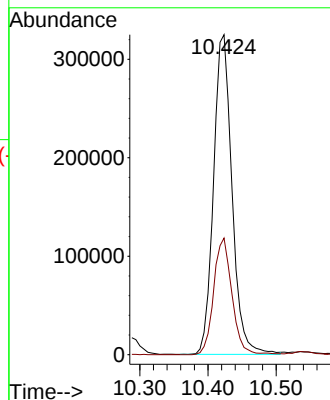
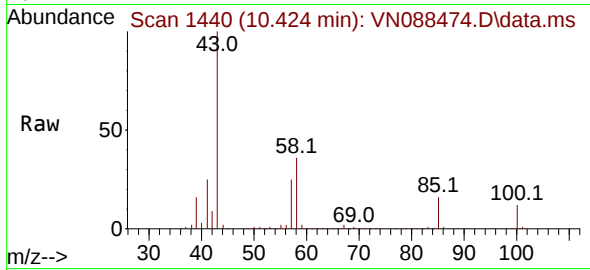




#51
4-Methyl-2-Pentanone
Concen: 112.999 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

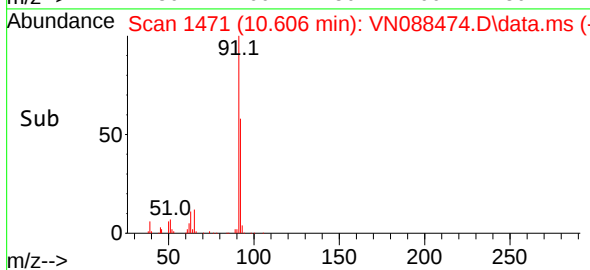
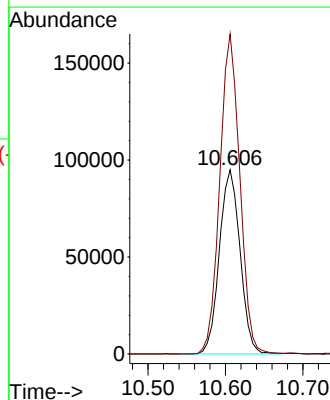
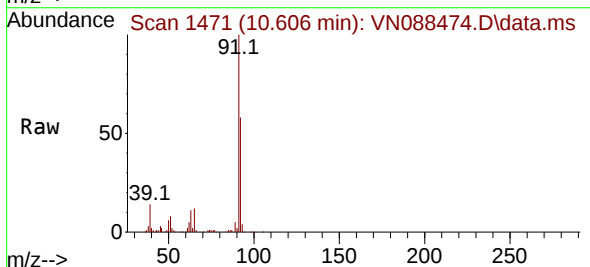
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

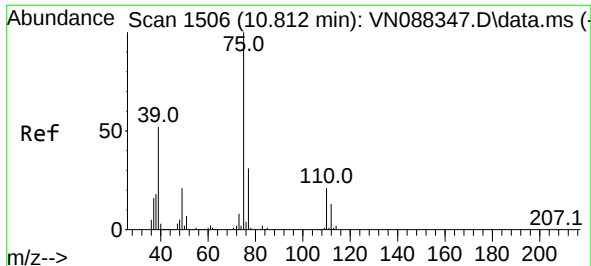
Tgt Ion: 43 Resp: 613282
Ion Ratio Lower Upper
43 100
58 36.2 29.1 43.7



#52
Toluene
Concen: 22.686 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 92 Resp: 176214
Ion Ratio Lower Upper
92 100
91 168.5 140.2 210.2

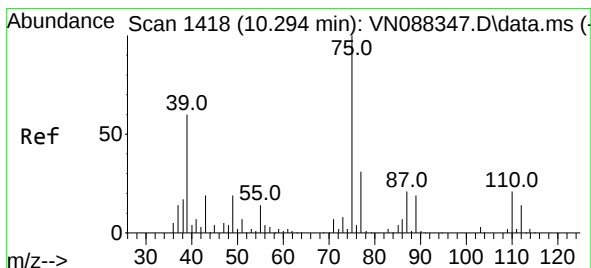
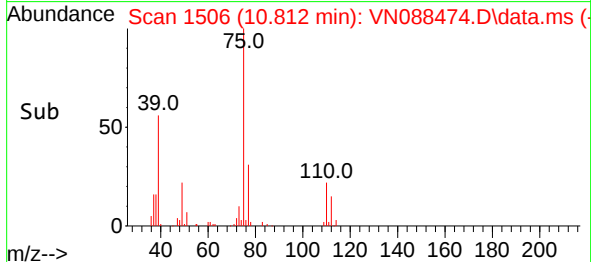
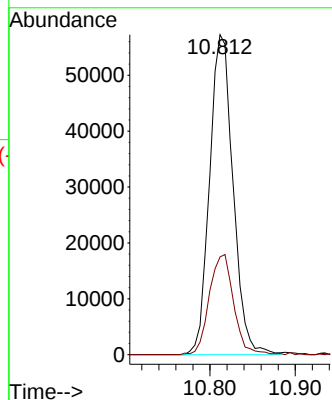
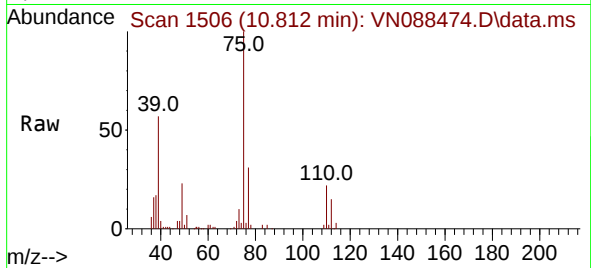




#53
t-1,3-Dichloropropene
Concen: 21.252 ug/l
RT: 10.812 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

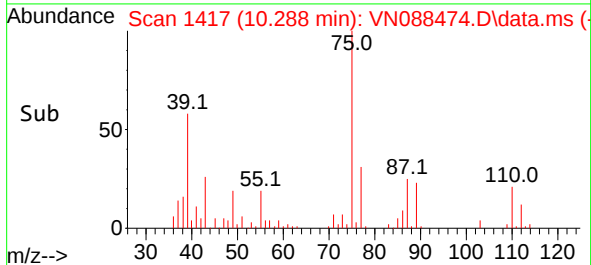
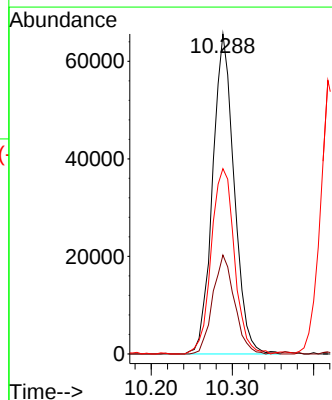
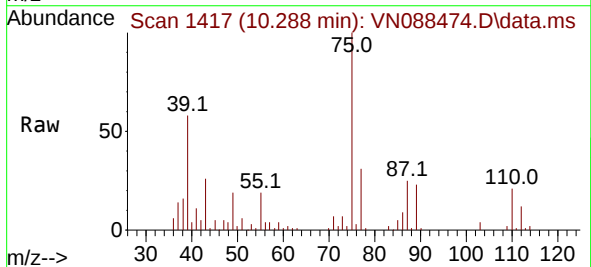
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

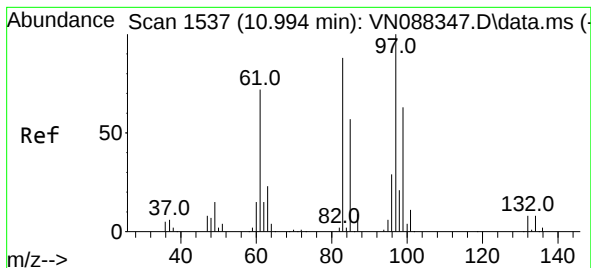
Tgt Ion: 75 Resp: 109477
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 22.339 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 75 Resp: 121017
Ion Ratio Lower Upper
75 100
77 30.9 24.5 36.7
39 57.9 48.3 72.5





#55

1,1,2-Trichloroethane

Concen: 23.097 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. 0.000 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBS01

Tgt Ion: 97 Resp: 69411

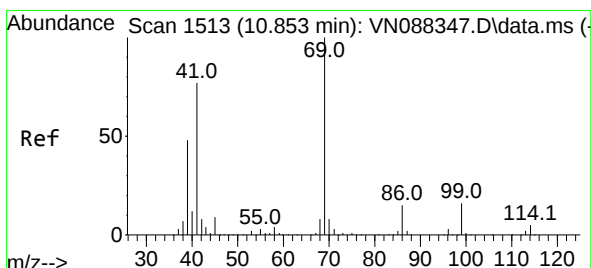
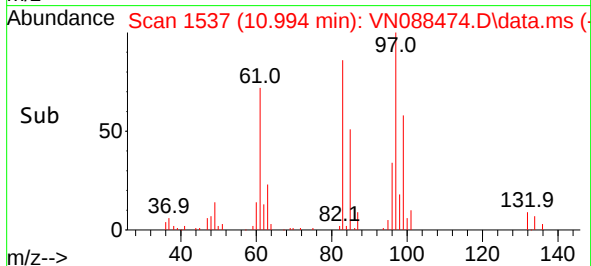
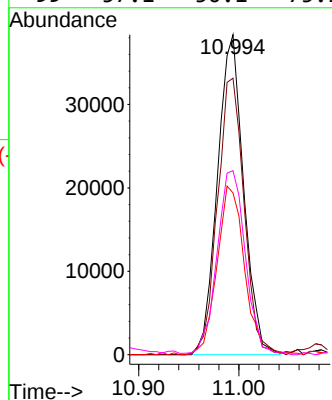
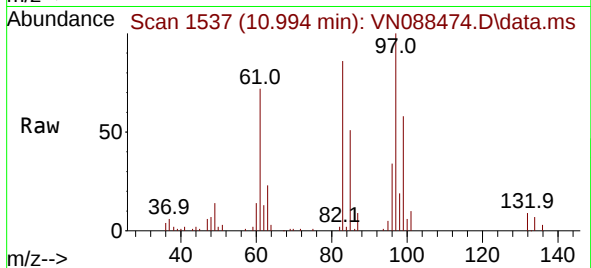
Ion Ratio Lower Upper

97 100

83 86.4 70.4 105.6

85 50.6 45.4 68.2

99 57.1 50.1 75.1



#56

Ethyl methacrylate

Concen: 21.940 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

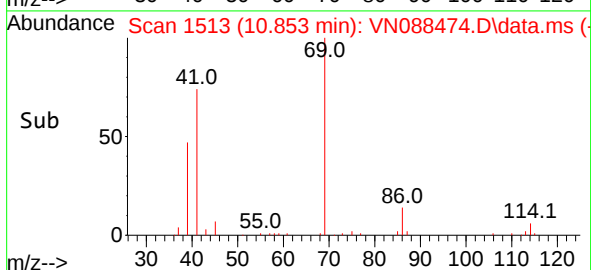
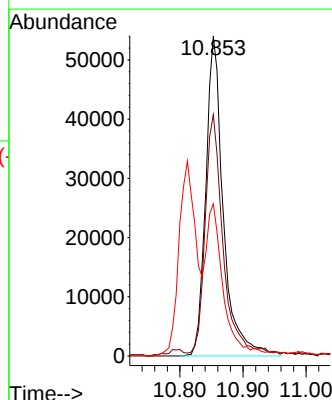
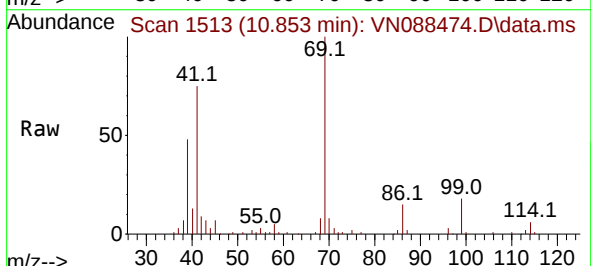
Tgt Ion: 69 Resp: 104150

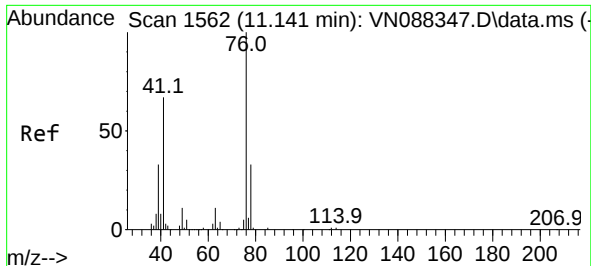
Ion Ratio Lower Upper

69 100

41 76.8 59.6 89.4

39 45.2 36.4 54.6





#57

1,3-Dichloropropane

Concen: 22.146 ug/l

RT: 11.135 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

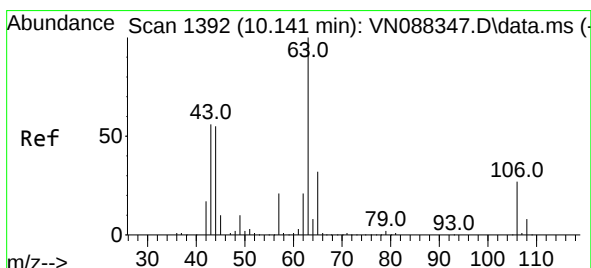
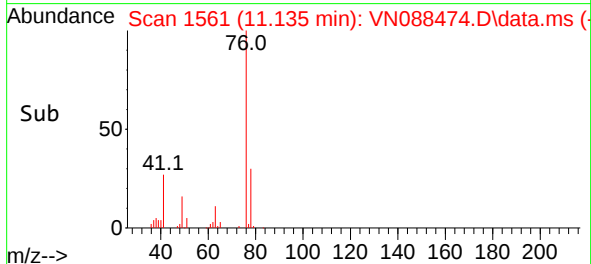
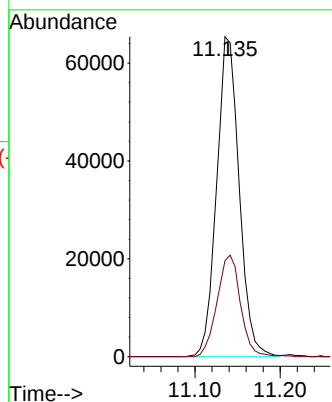
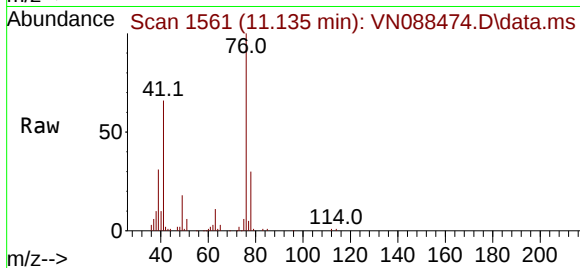
VN1209MBS01

Tgt Ion: 76 Resp: 120063

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.138 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088474.D

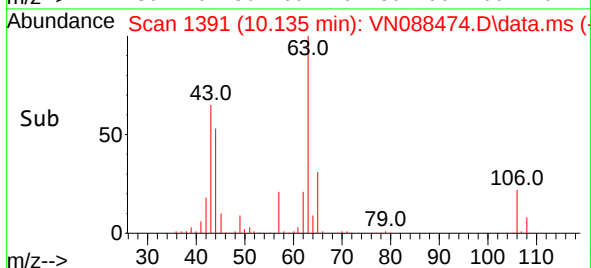
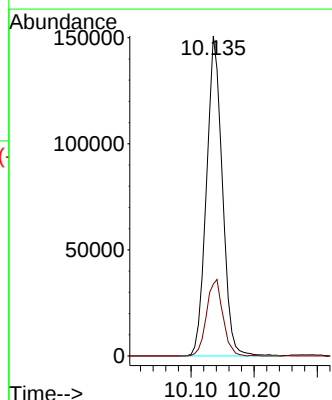
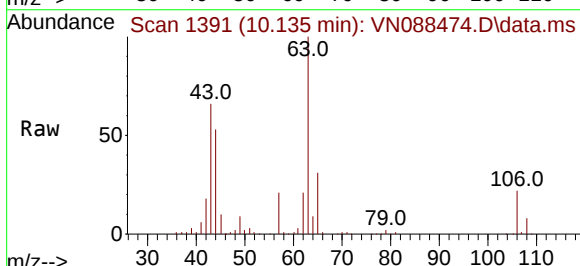
Acq: 09 Dec 2025 12:51

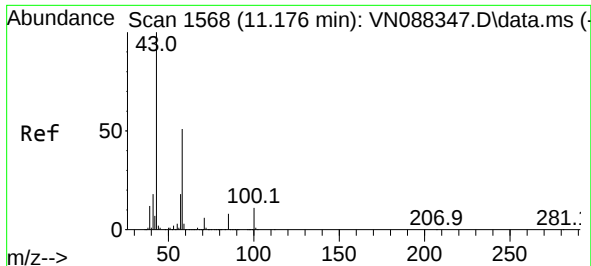
Tgt Ion: 63 Resp: 263107

Ion Ratio Lower Upper

63 100

106 24.6 20.5 30.7

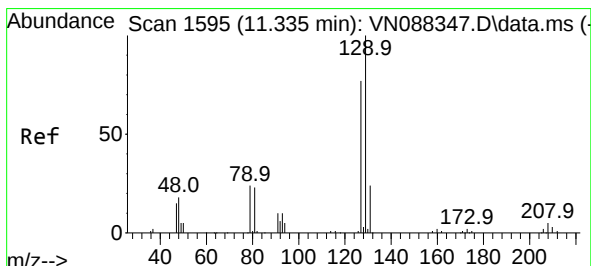
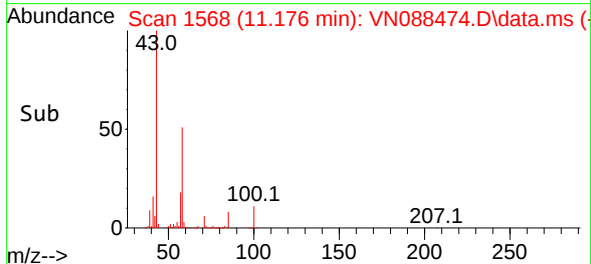
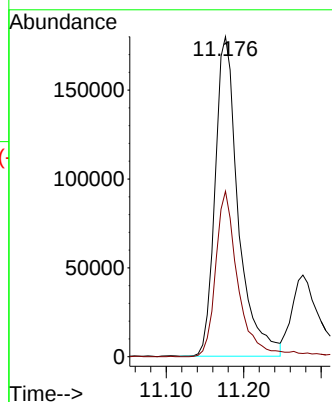
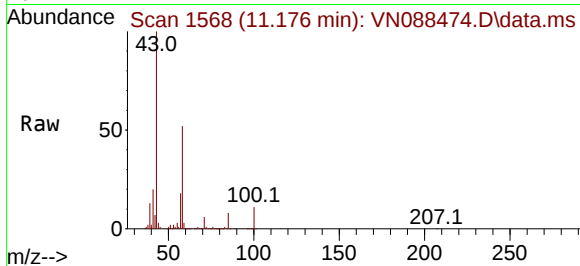




#59
2-Hexanone
Concen: 109.059 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

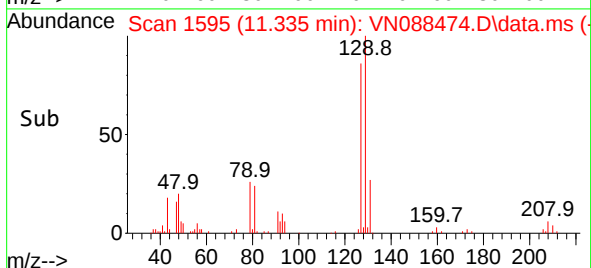
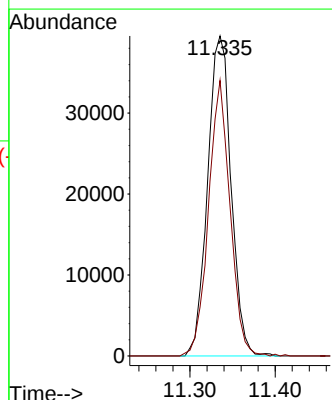
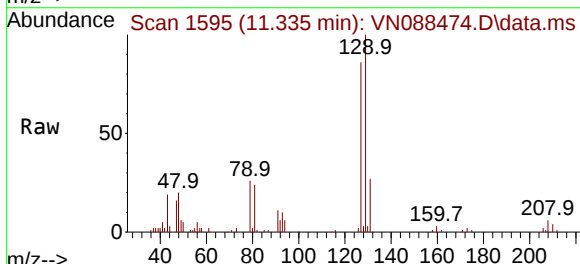
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

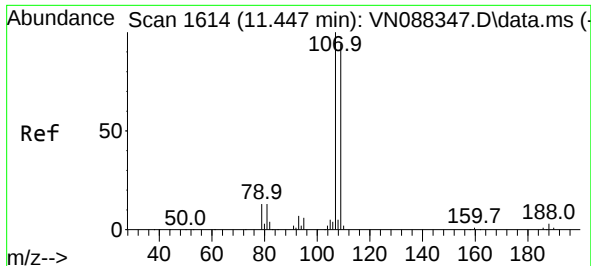
Tgt Ion: 43 Resp: 372869
Ion Ratio Lower Upper
43 100
58 51.0 25.3 75.9



#60
Dibromochloromethane
Concen: 22.071 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 129 Resp: 75614
Ion Ratio Lower Upper
129 100
127 79.0 38.2 114.6

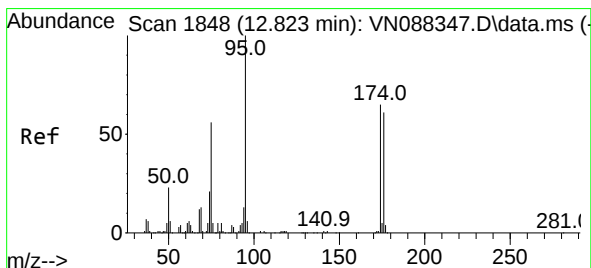
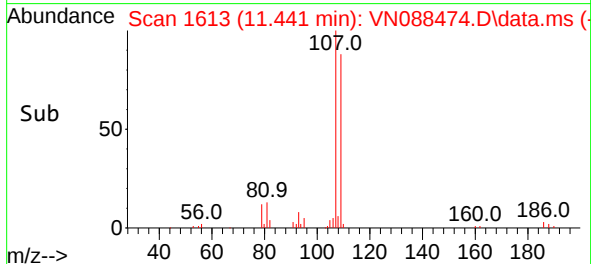
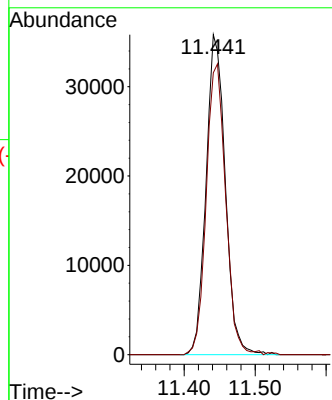
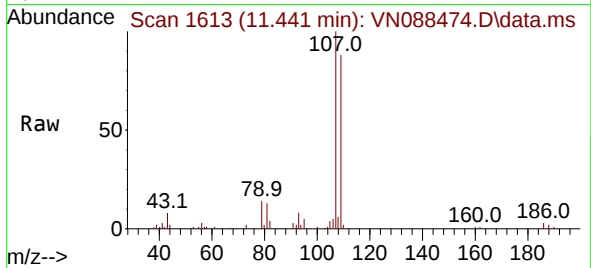




#61
1,2-Dibromoethane
Concen: 22.182 ug/l
RT: 11.441 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

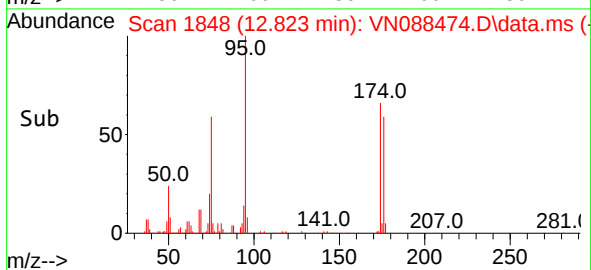
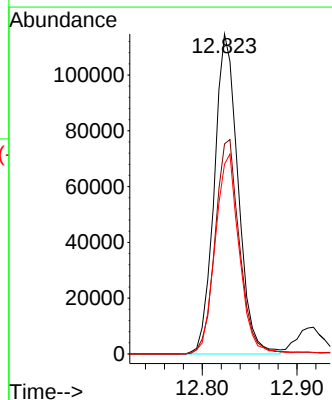
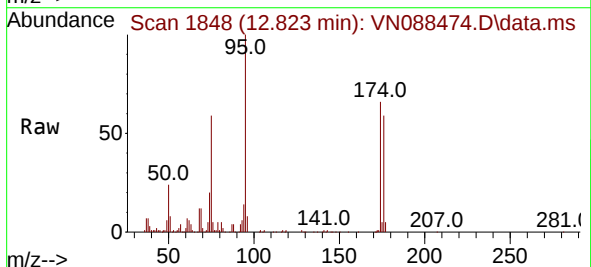
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

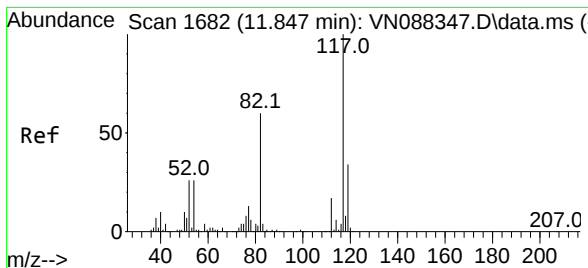
Tgt Ion:107 Resp: 67506
Ion Ratio Lower Upper
107 100
109 91.6 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 52.917 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 95 Resp: 200629
Ion Ratio Lower Upper
95 100
174 69.2 0.0 139.0
176 63.1 0.0 132.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.841 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBS01

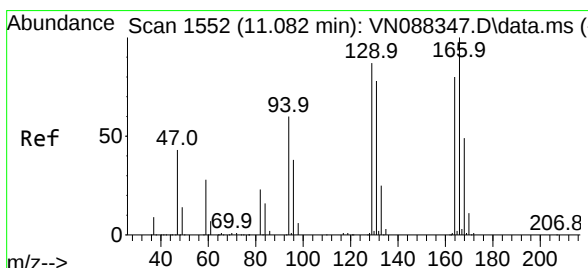
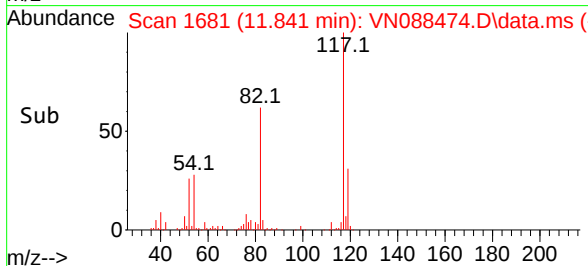
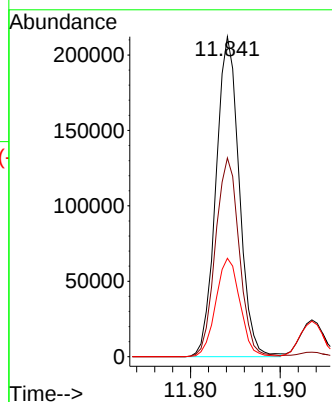
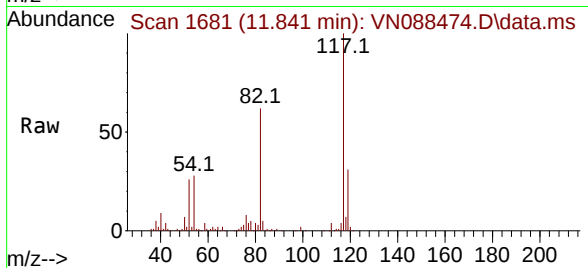
Tgt Ion:117 Resp: 382331

Ion Ratio Lower Upper

117 100

82 62.1 47.8 71.8

119 30.8 26.9 40.3



#64

Tetrachloroethene

Concen: 18.004 ug/l

RT: 11.076 min Scan# 1551

Delta R.T. -0.006 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Tgt Ion:164 Resp: 54571

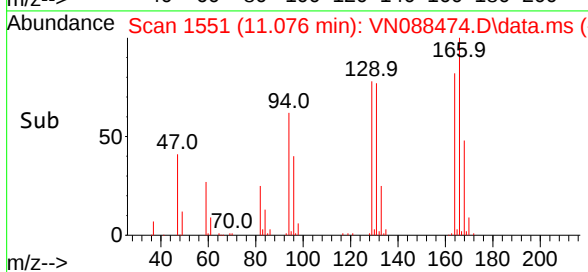
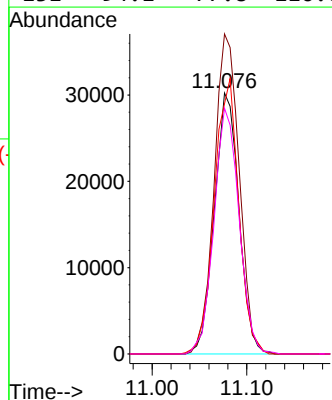
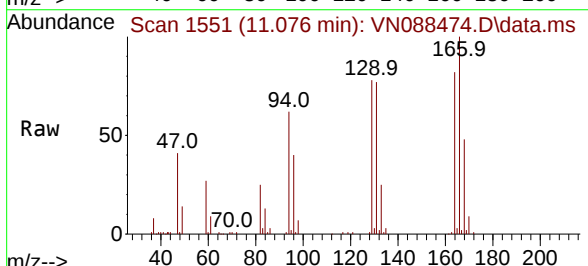
Ion Ratio Lower Upper

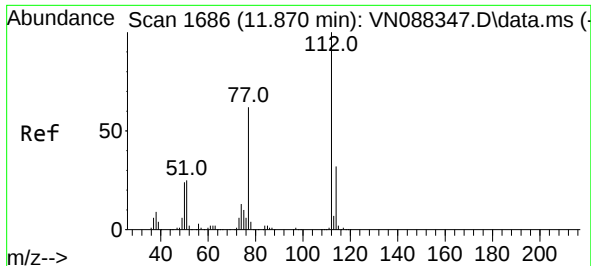
164 100

166 122.6 99.6 149.4

129 95.8 86.6 129.8

131 94.1 77.8 116.6

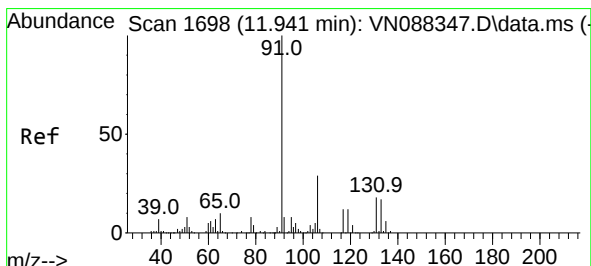
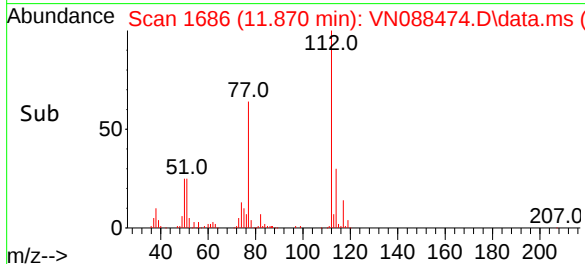
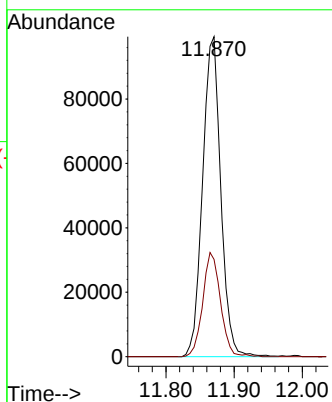
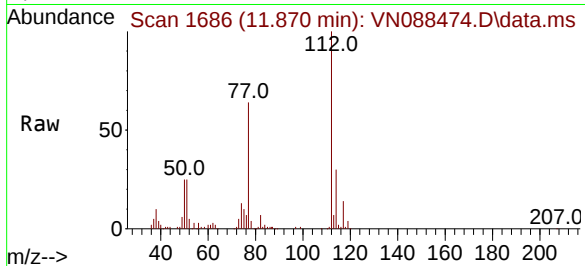




#65
Chlorobenzene
Concen: 21.480 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

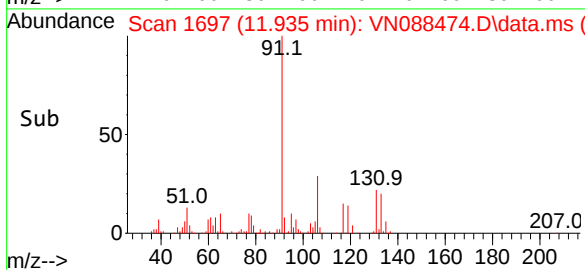
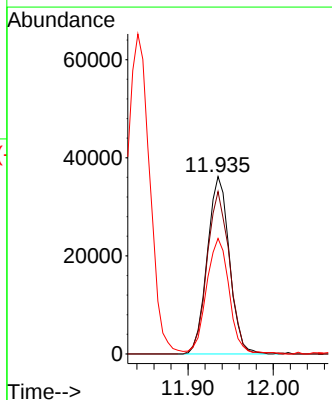
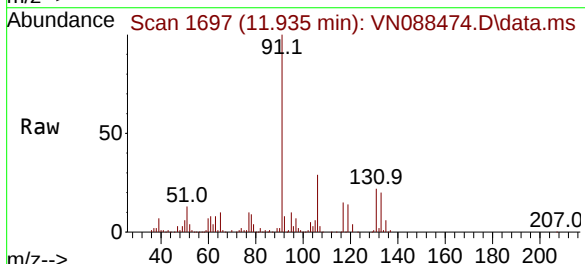
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

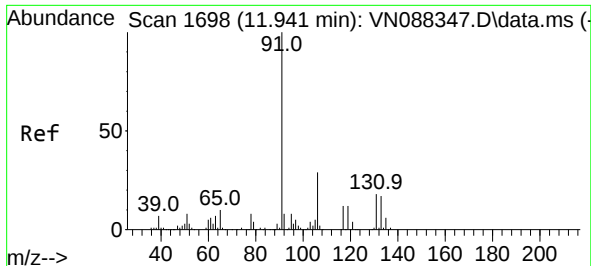
Tgt Ion:112 Resp: 184465
Ion Ratio Lower Upper
112 100
114 30.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 22.588 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion:131 Resp: 65424
Ion Ratio Lower Upper
131 100
133 92.7 47.4 142.2
119 67.0 33.4 100.1

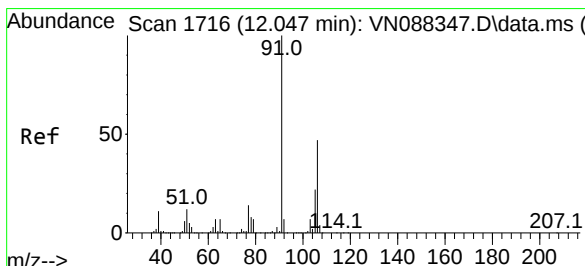
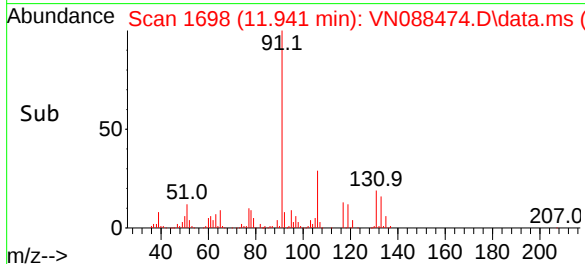
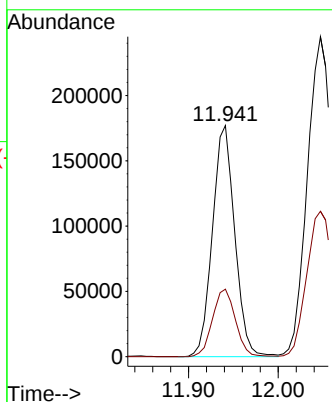
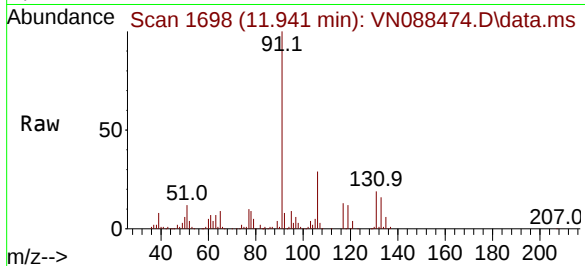




#67
Ethyl Benzene
Concen: 20.381 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

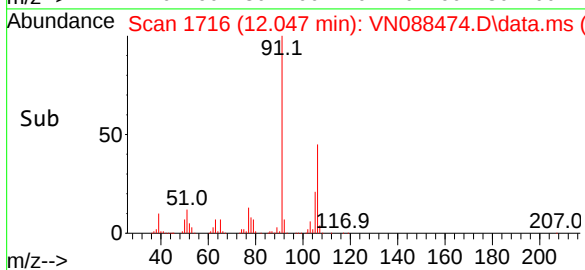
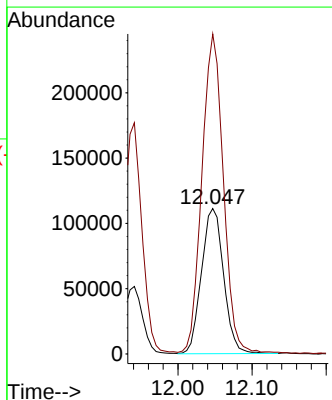
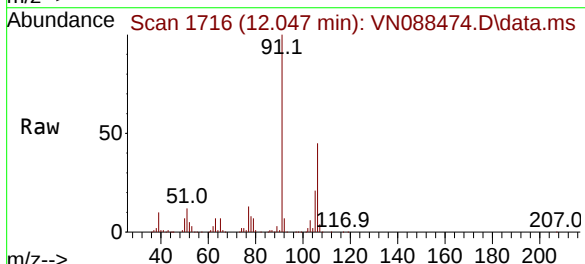
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

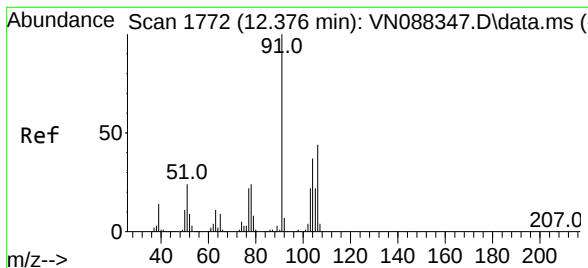
Tgt Ion: 91 Resp: 305919
Ion Ratio Lower Upper
91 100
106 29.2 23.6 35.4



#68
m/p-Xylenes
Concen: 41.446 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion:106 Resp: 230653
Ion Ratio Lower Upper
106 100
91 214.4 167.8 251.6

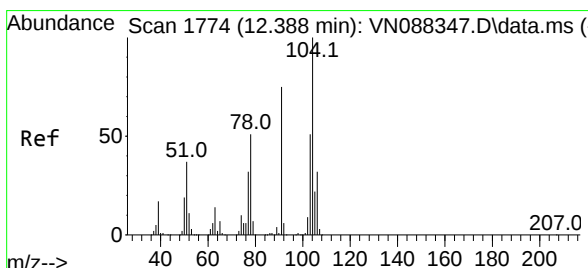
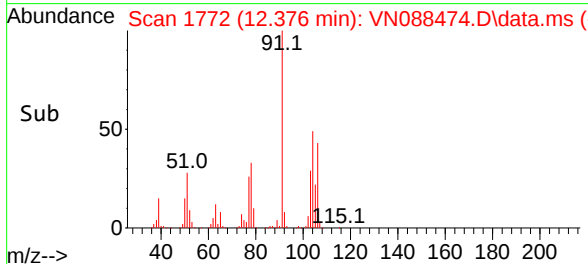
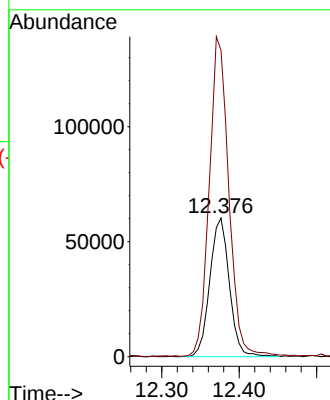
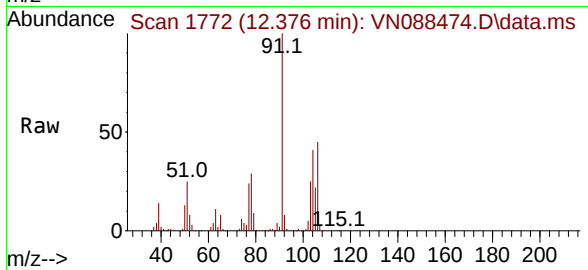




#69
o-Xylene
Concen: 19.923 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

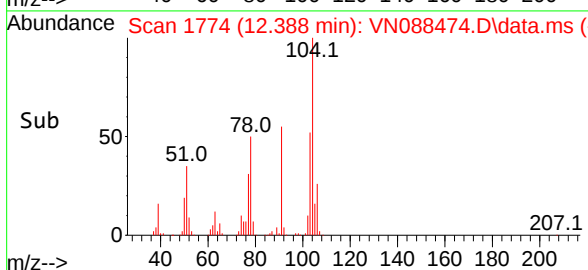
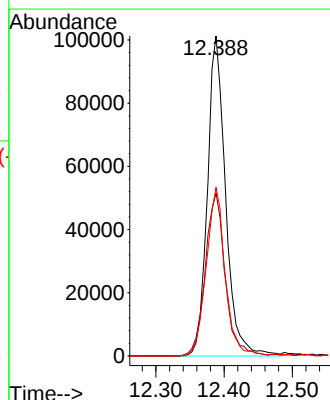
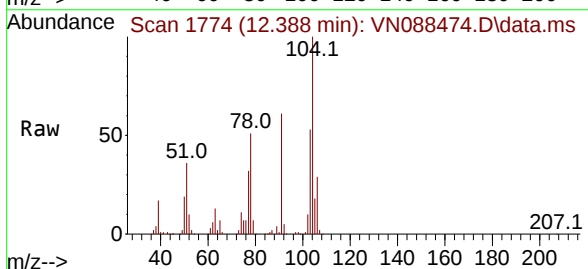
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

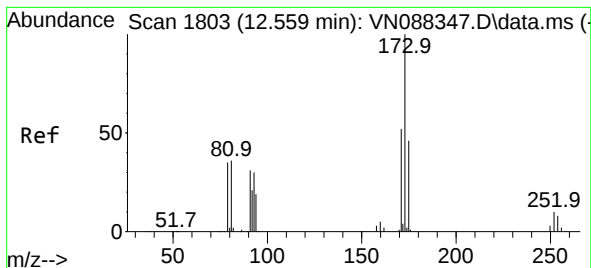
Tgt Ion:106 Resp: 105705
Ion Ratio Lower Upper
106 100
91 230.3 112.9 338.7



#70
Styrene
Concen: 21.794 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion:104 Resp: 187751
Ion Ratio Lower Upper
104 100
78 55.7 44.3 66.5
103 54.8 44.2 66.4





#71

Bromoform

Concen: 22.192 ug/l

RT: 12.559 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBS01

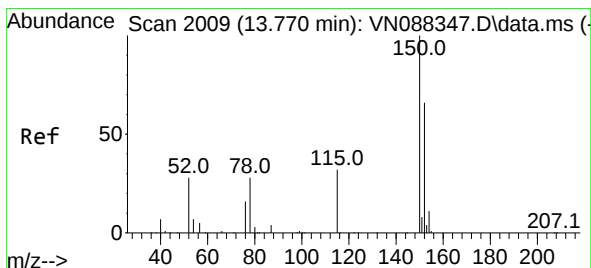
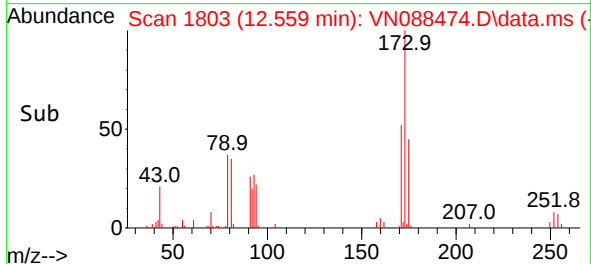
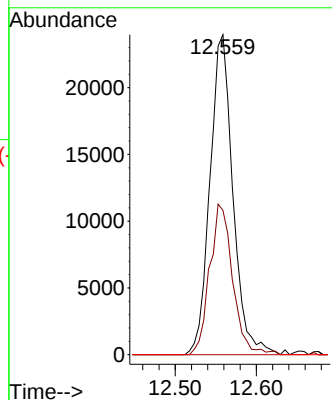
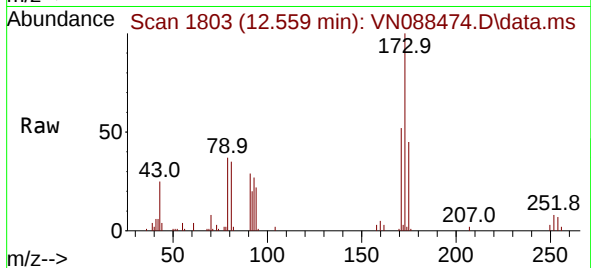
Tgt Ion:173 Resp: 47080

Ion Ratio Lower Upper

173 100

175 47.1 23.9 71.8

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.764 min Scan# 2008

Delta R.T. -0.006 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

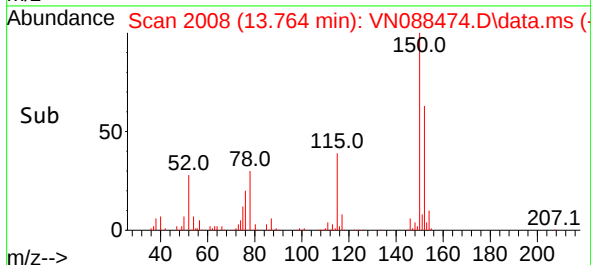
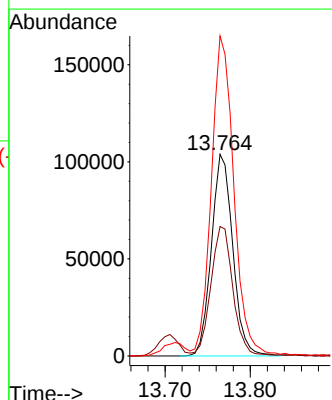
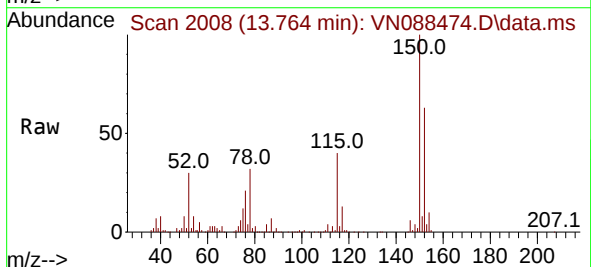
Tgt Ion:152 Resp: 181539

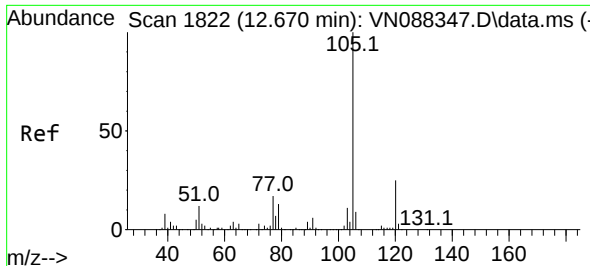
Ion Ratio Lower Upper

152 100

115 66.5 33.0 98.9

150 166.5 0.0 349.0

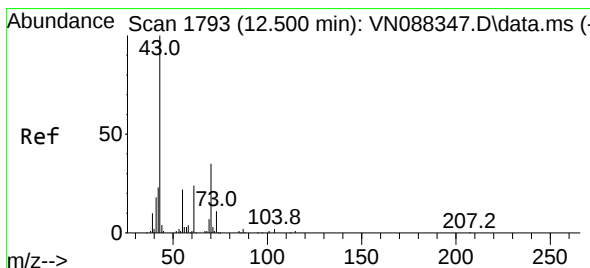
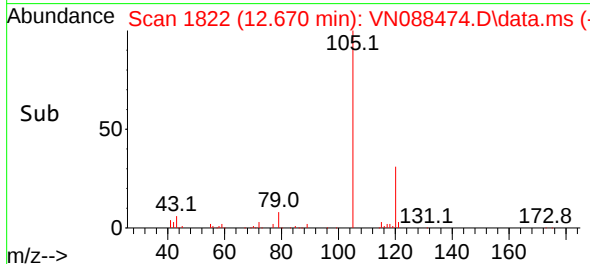
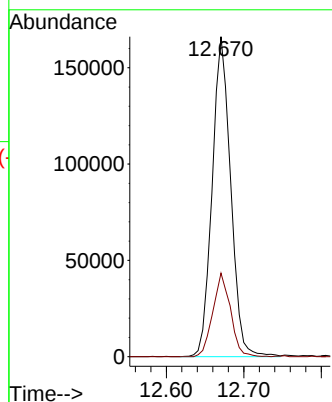
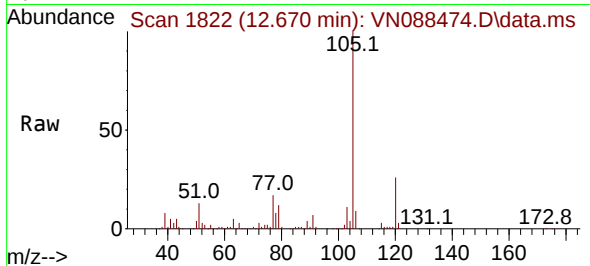




#73
Isopropylbenzene
Concen: 20.577 ug/l
RT: 12.670 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

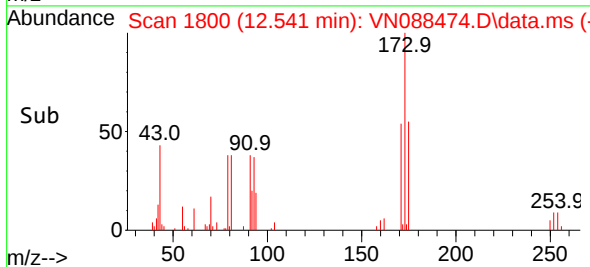
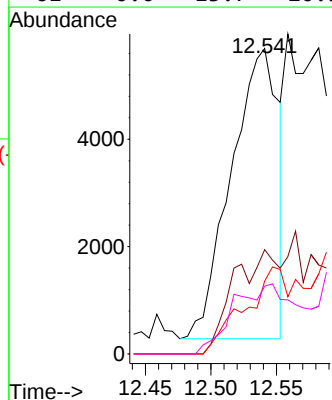
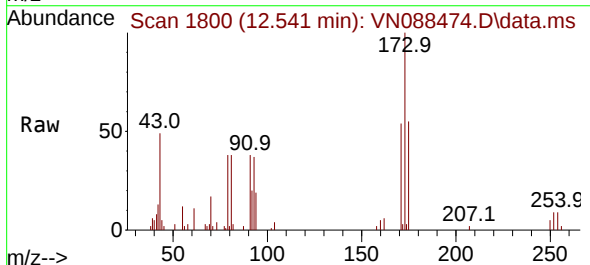
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

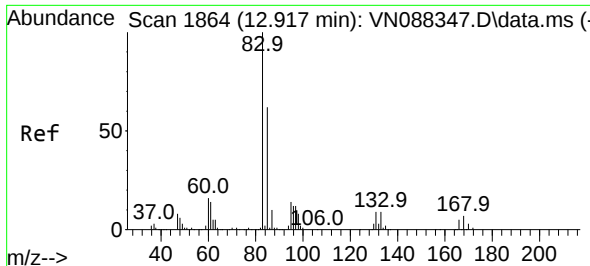
Tgt Ion:105 Resp: 276195
Ion Ratio Lower Upper
105 100
120 24.9 12.8 38.3



#74
N-ethyl acetate
Concen: 2.955 ug/l
RT: 12.541 min Scan# 1800
Delta R.T. 0.041 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 43 Resp: 13506
Ion Ratio Lower Upper
43 100
70 5.9 28.3 42.5#
55 26.5 17.7 26.5#
61 0.0 13.7 20.5#

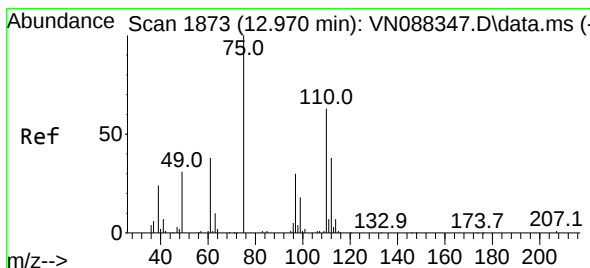
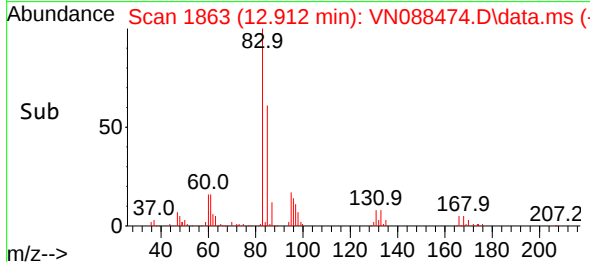
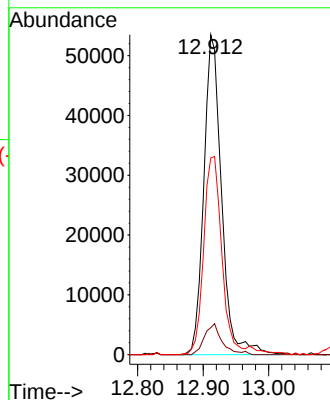
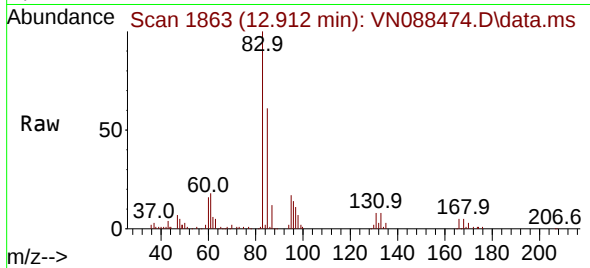




#75
1,1,2,2-Tetrachloroethane
Concen: 23.269 ug/l
RT: 12.912 min Scan# 1863
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

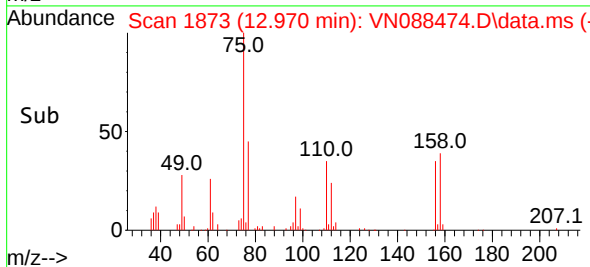
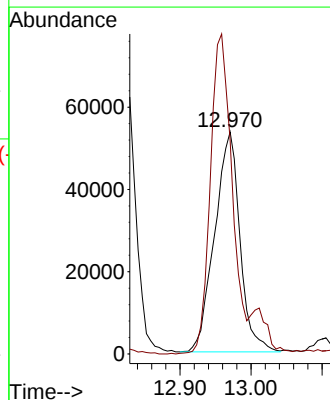
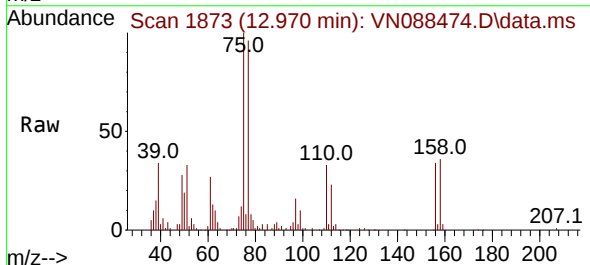
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

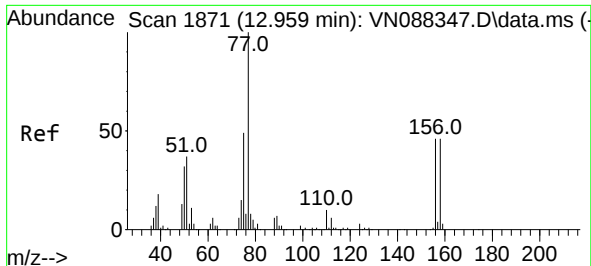
Tgt Ion: 83 Resp: 100971
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 62.8 32.1 96.5



#76
1,2,3-Trichloropropane
Concen: 31.102 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 75 Resp: 132245
Ion Ratio Lower Upper
75 100
77 124.2 87.2 261.6

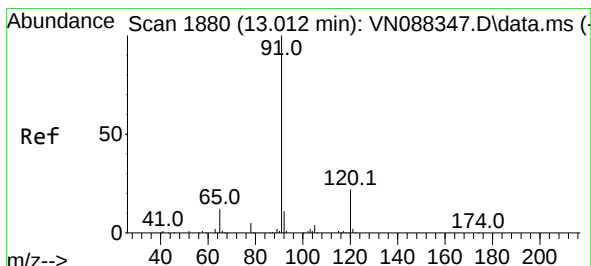
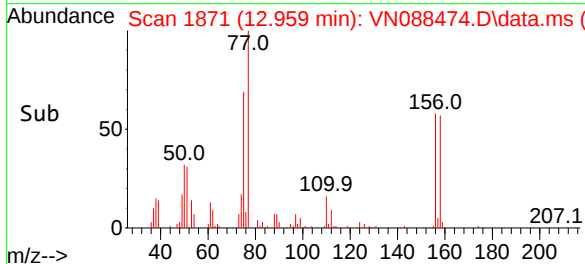
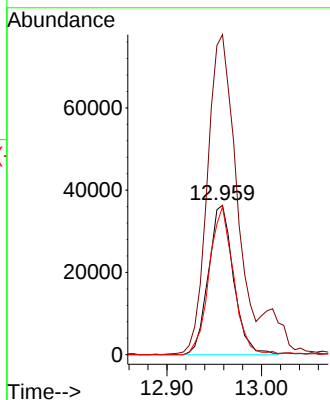
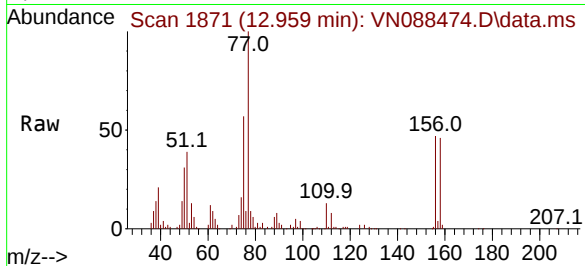




#77
Bromobenzene
Concen: 21.811 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

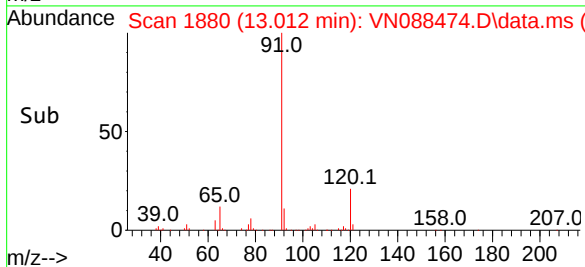
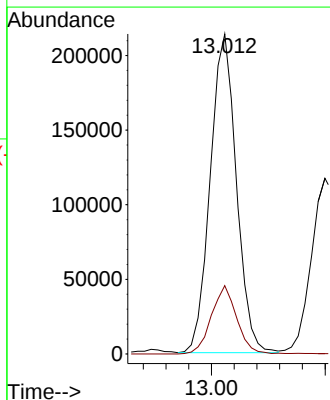
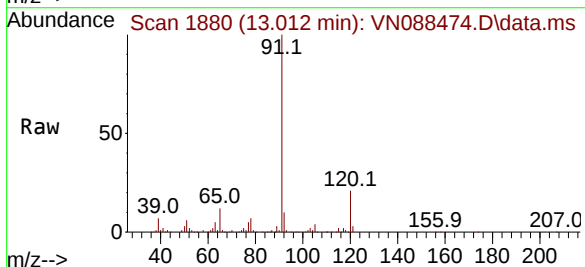
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

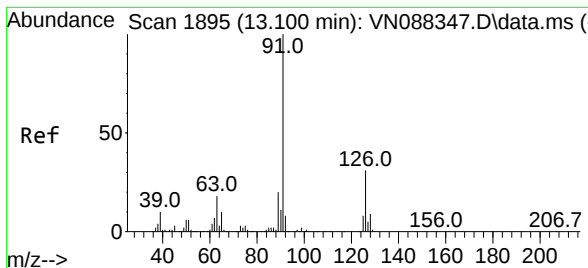
Tgt Ion:156 Resp: 66985
Ion Ratio Lower Upper
156 100
77 245.1 121.6 364.7
158 96.5 48.6 145.8



#78
n-propylbenzene
Concen: 20.811 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 91 Resp: 341734
Ion Ratio Lower Upper
91 100
120 20.8 10.9 32.6

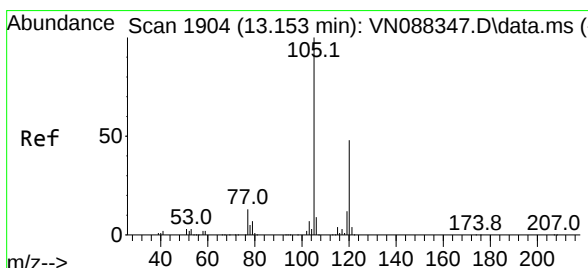
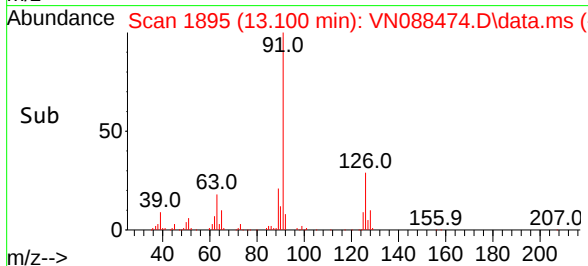
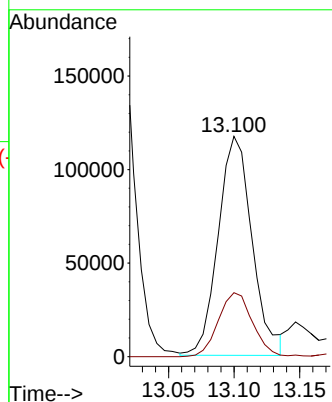
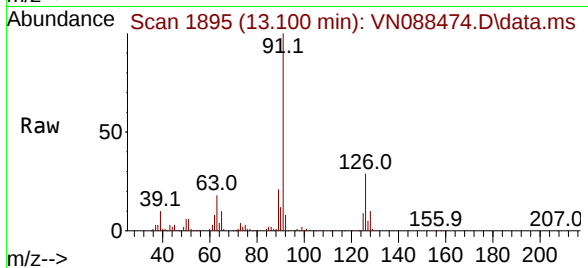




#79
2-Chlorotoluene
Concen: 21.001 ug/l
RT: 13.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

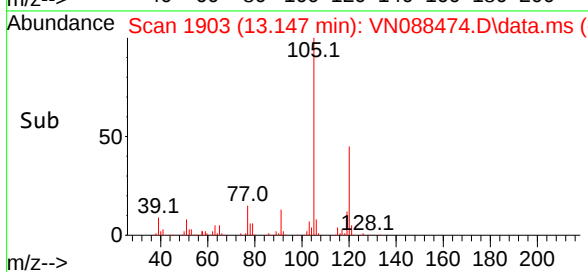
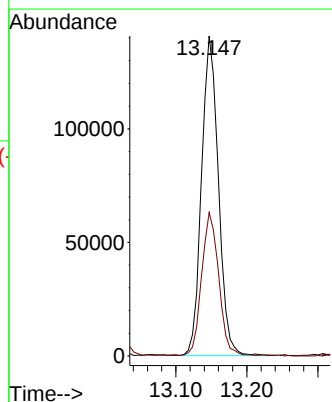
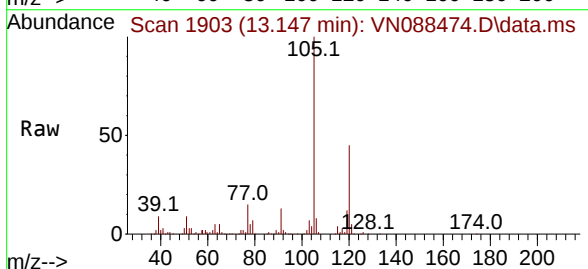
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

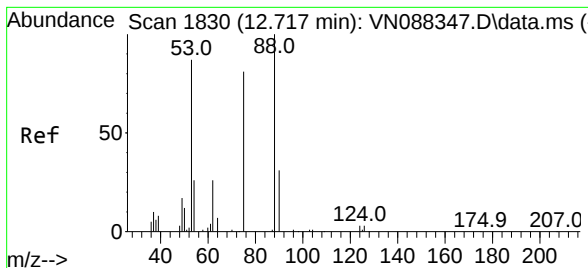
Tgt Ion: 91 Resp: 210593
Ion Ratio Lower Upper
91 100
126 29.7 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 20.952 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 105 Resp: 233042
Ion Ratio Lower Upper
105 100
120 45.4 23.8 71.5

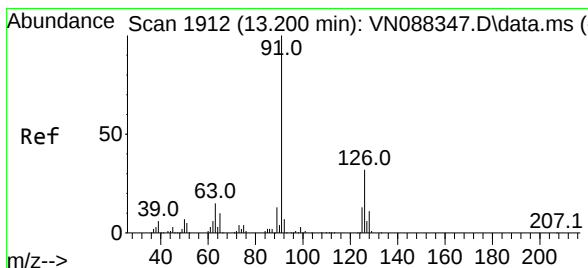
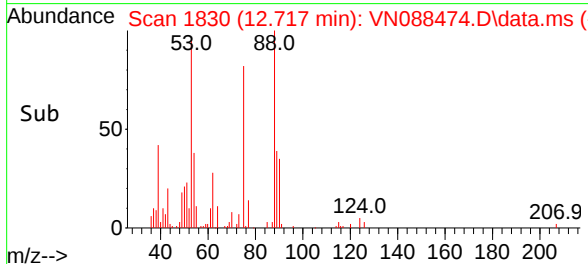
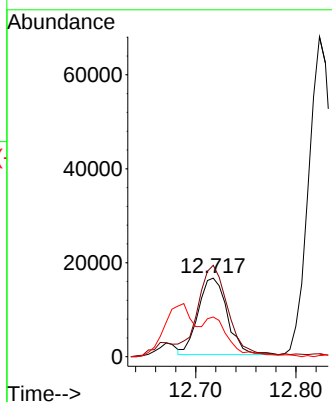
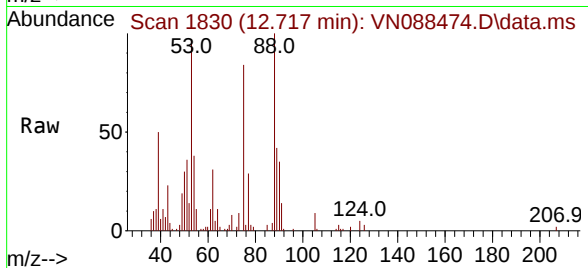




#81
trans-1,4-Dichloro-2-butene
Concen: 21.919 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

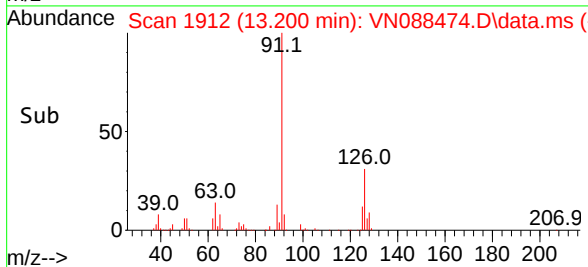
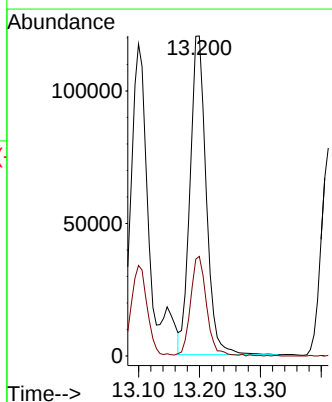
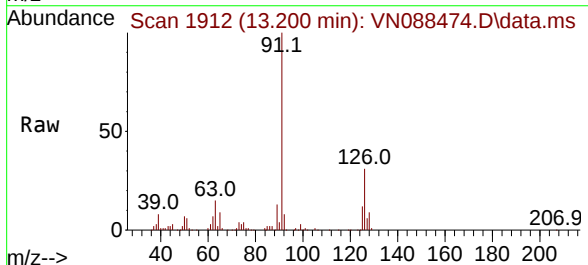
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

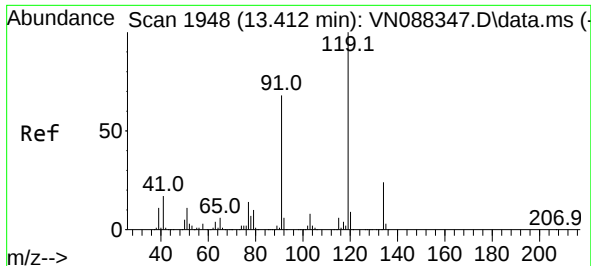
Tgt Ion: 75 Resp: 32852
Ion Ratio Lower Upper
75 100
53 122.8 92.2 138.4
89 42.7 0.0 0.0#



#82
4-Chlorotoluene
Concen: 22.310 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 91 Resp: 222207
Ion Ratio Lower Upper
91 100
126 30.3 15.6 46.7

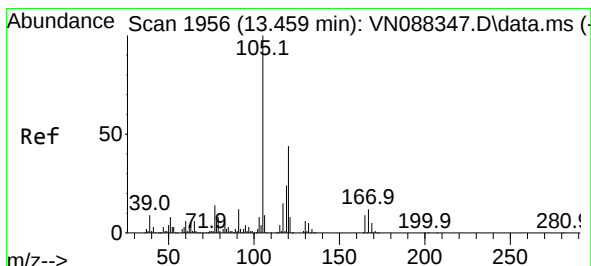
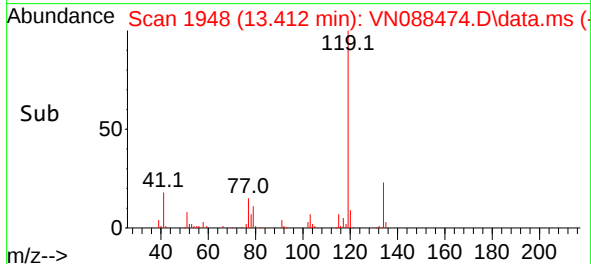
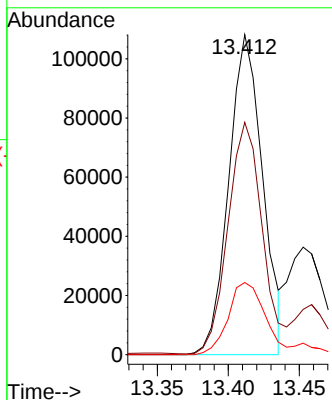
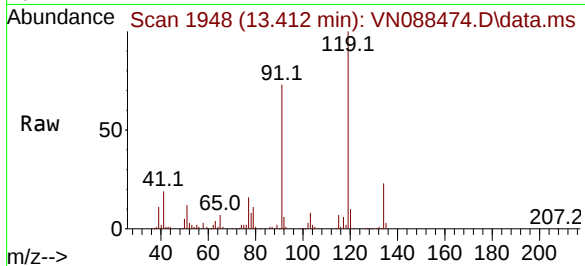




#83
 tert-Butylbenzene
 Concen: 18.928 ug/l
 RT: 13.412 min Scan# 1948
 Delta R.T. 0.000 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

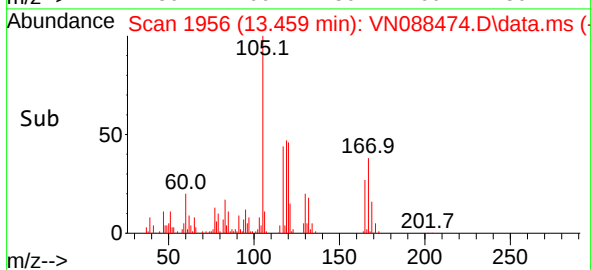
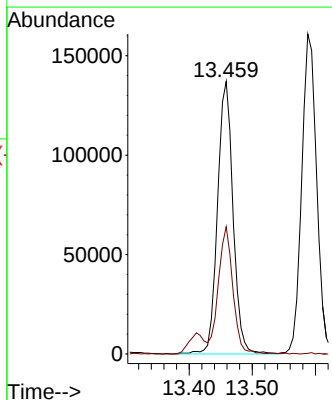
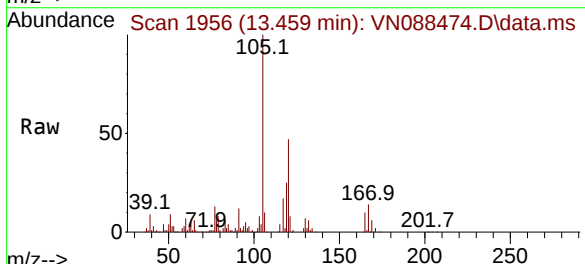
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBS01

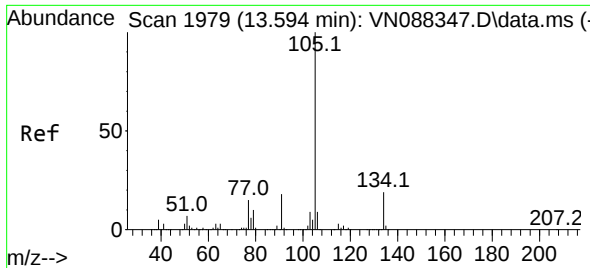
Tgt Ion:119 Resp: 178966
 Ion Ratio Lower Upper
 119 100
 91 73.9 35.1 105.3
 134 24.9 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.197 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

Tgt Ion:105 Resp: 234343
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.1 66.1

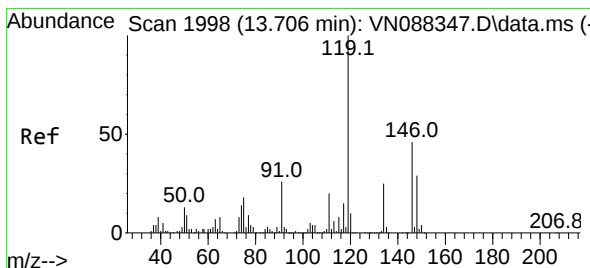
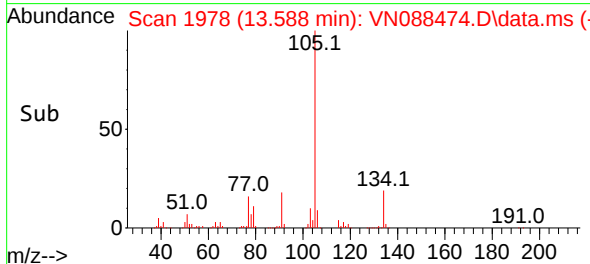
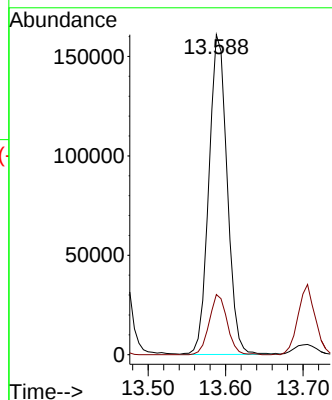
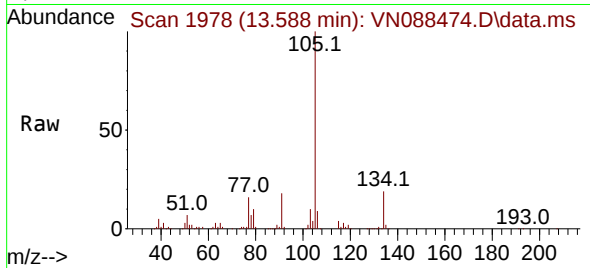




#85
 sec-Butylbenzene
 Concen: 19.476 ug/l
 RT: 13.588 min Scan# 1978
 Delta R.T. -0.006 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

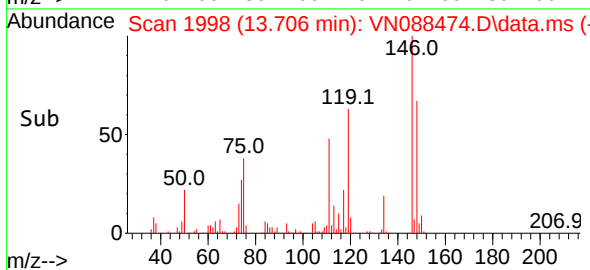
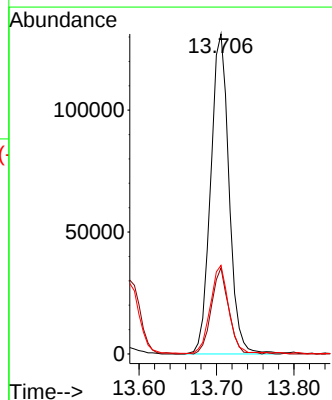
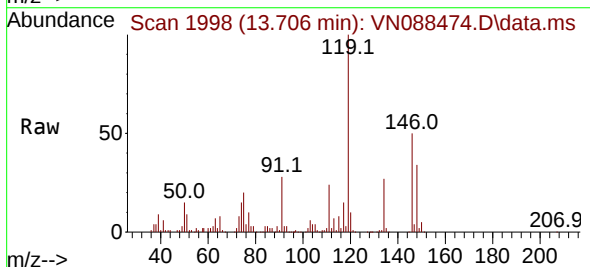
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBS01

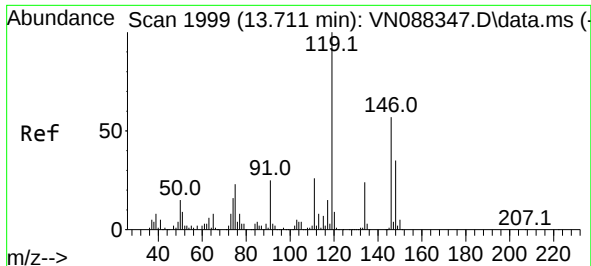
Tgt Ion:105 Resp: 264546
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 19.375 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

Tgt Ion:119 Resp: 215804
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.2 36.6
 91 27.3 13.0 39.0

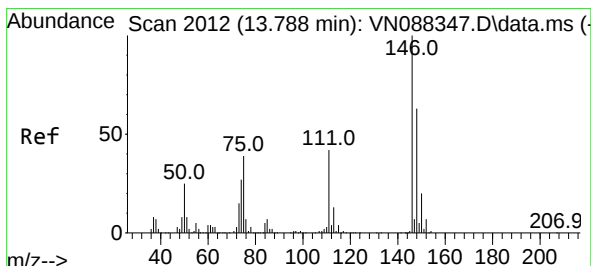
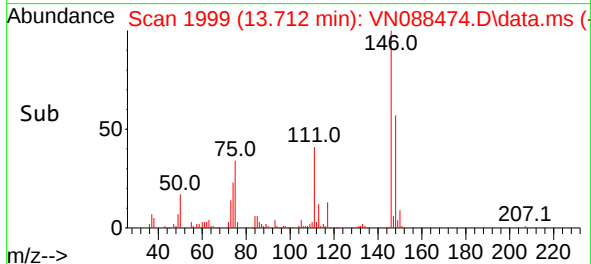
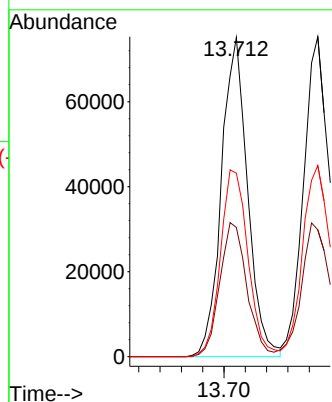
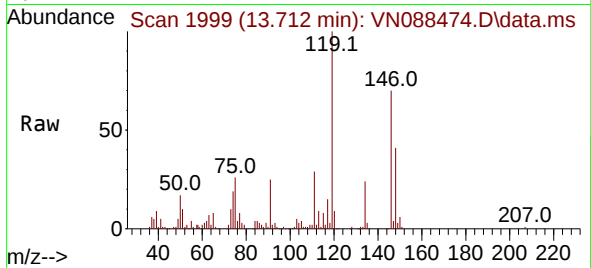




#87
 1,3-Dichlorobenzene
 Concen: 21.441 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

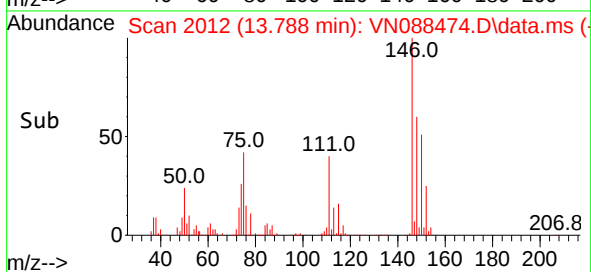
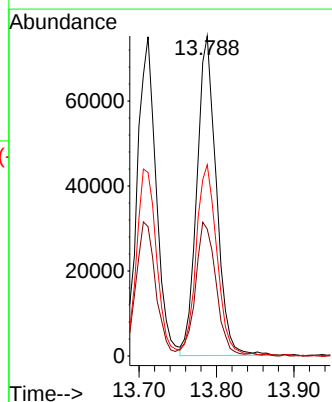
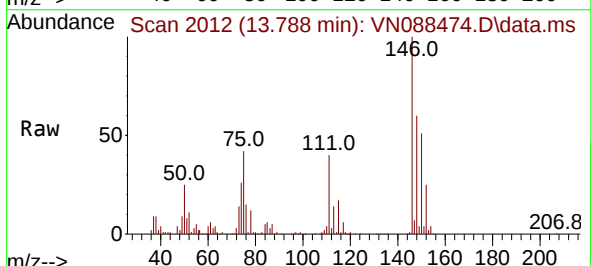
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209MBS01

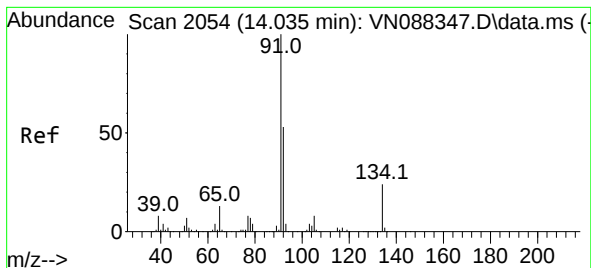
Tgt Ion:146 Resp: 128185
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.4 67.0
 148 61.8 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 20.907 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN088474.D
 Acq: 09 Dec 2025 12:51

Tgt Ion:146 Resp: 130926
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.6 64.6
 148 63.7 31.0 93.0





#89

n-Butylbenzene

Concen: 18.825 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.006 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBS01

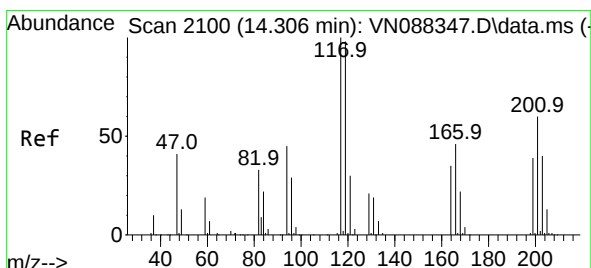
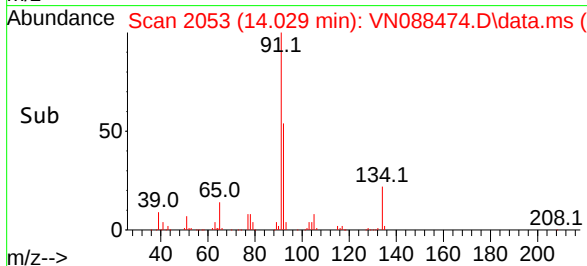
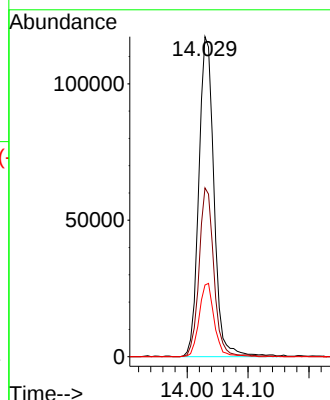
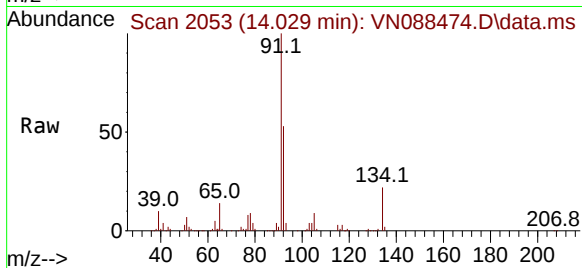
Tgt Ion: 91 Resp: 203585

Ion Ratio Lower Upper

91 100

92 51.3 26.1 78.3

134 22.8 11.7 35.1



#90

Hexachloroethane

Concen: 19.645 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. 0.000 min

Lab File: VN088474.D

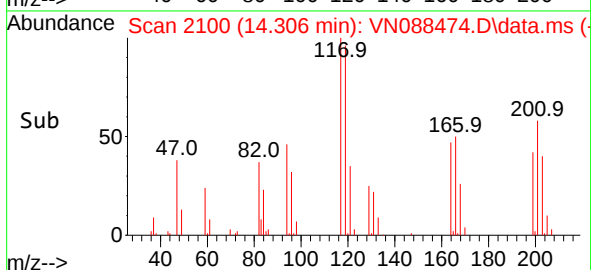
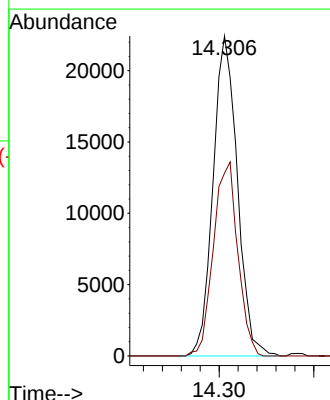
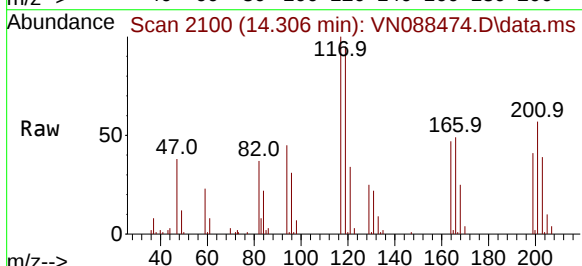
Acq: 09 Dec 2025 12:51

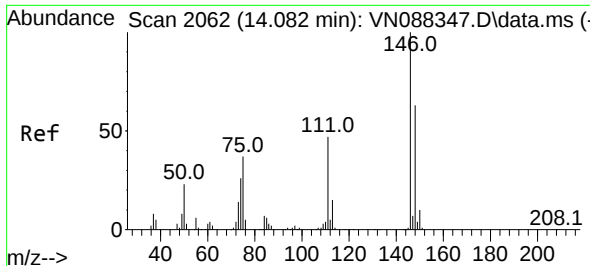
Tgt Ion: 117 Resp: 39972

Ion Ratio Lower Upper

117 100

201 60.8 30.3 90.9

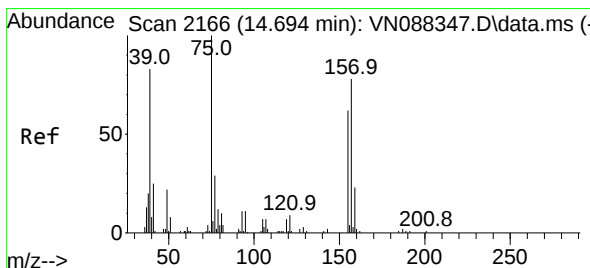
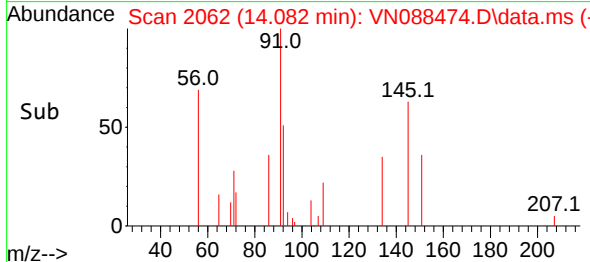
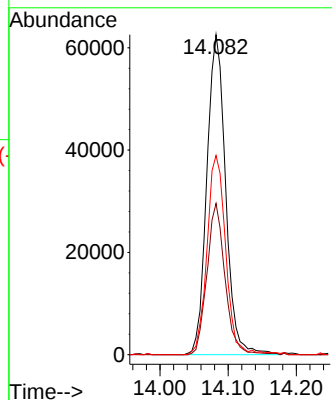
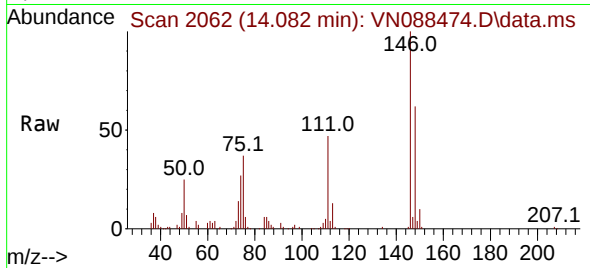




#91
1,2-Dichlorobenzene
Concen: 21.339 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

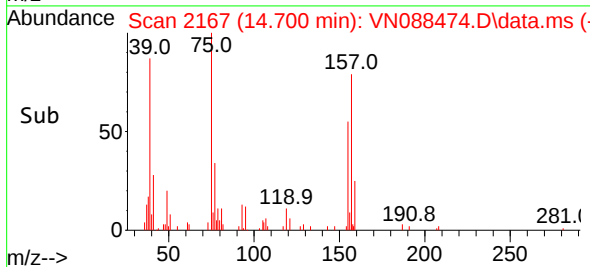
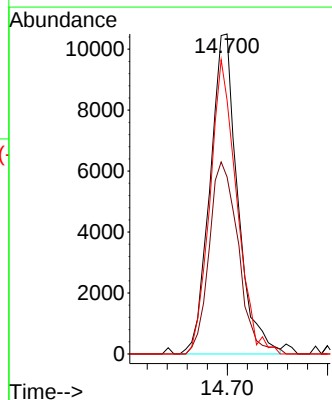
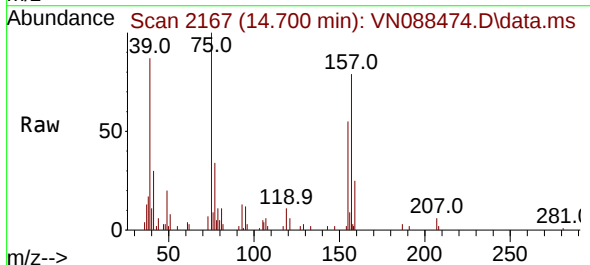
Instrument :
MSVOA_N
ClientSampleId :
VN1209MBS01

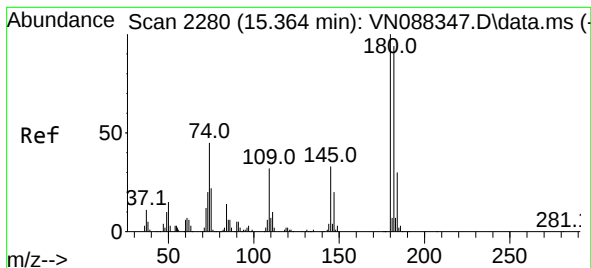
Tgt Ion:146 Resp: 120055
Ion Ratio Lower Upper
146 100
111 45.7 23.3 69.9
148 62.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.206 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN088474.D
Acq: 09 Dec 2025 12:51

Tgt Ion: 75 Resp: 20221
Ion Ratio Lower Upper
75 100
155 63.0 33.7 101.1
157 88.5 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 18.497 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBS01

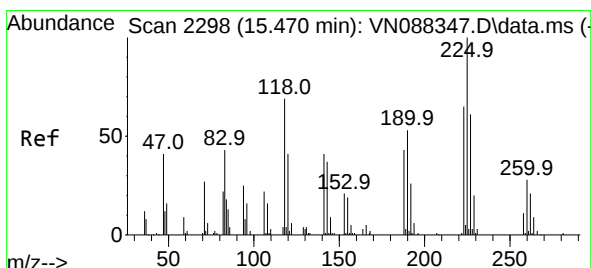
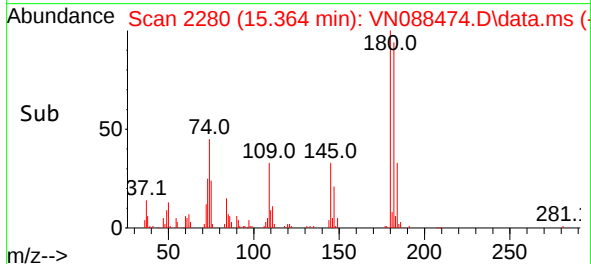
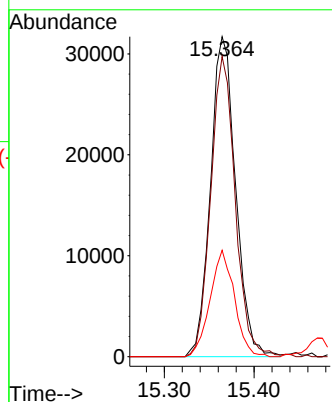
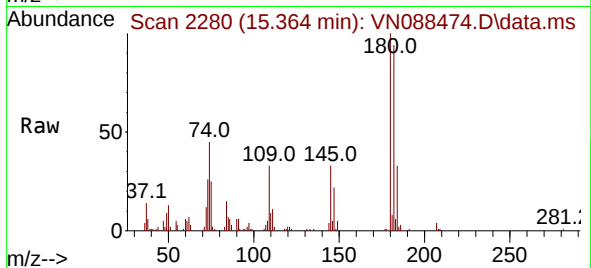
Tgt Ion:180 Resp: 61831

Ion Ratio Lower Upper

180 100

182 91.2 46.1 138.2

145 32.2 16.7 50.1



#94

Hexachlorobutadiene

Concen: 17.595 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

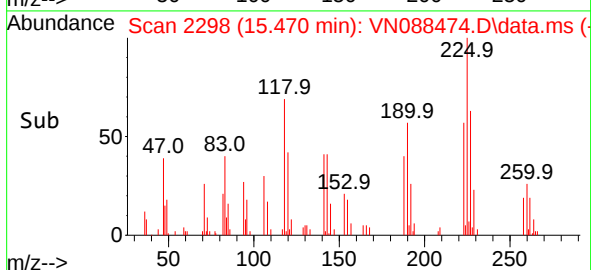
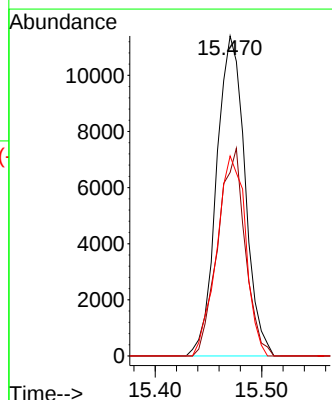
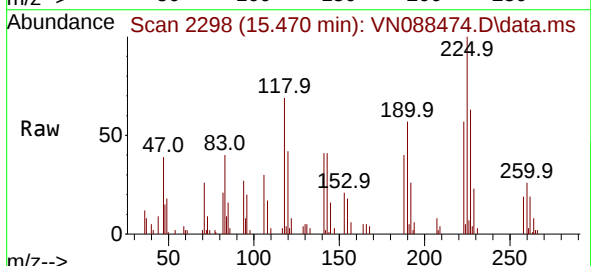
Tgt Ion:225 Resp: 21136

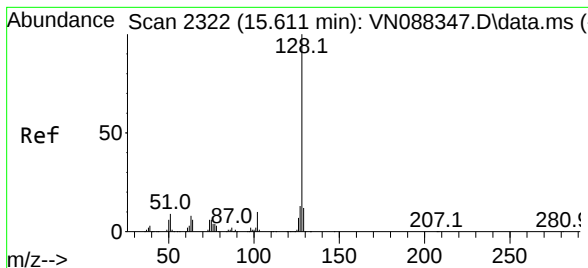
Ion Ratio Lower Upper

225 100

223 62.3 32.3 96.8

227 63.6 29.9 89.8





#95

Naphthalene

Concen: 18.276 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Instrument :

MSVOA_N

ClientSampleId :

VN1209MBS01

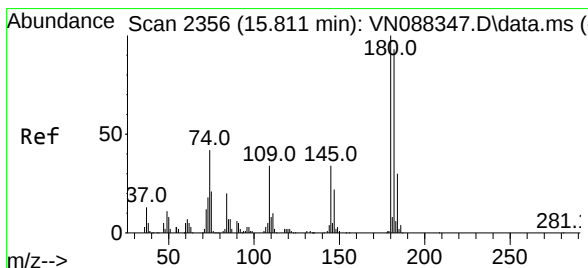
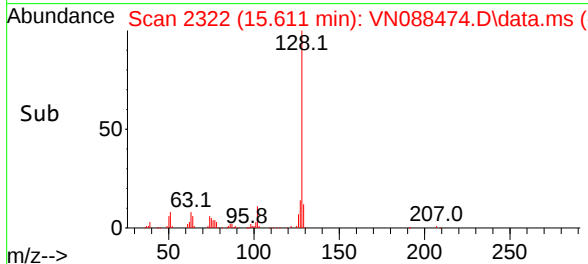
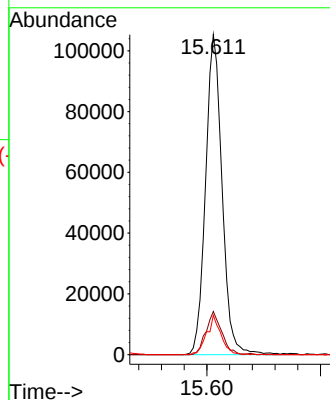
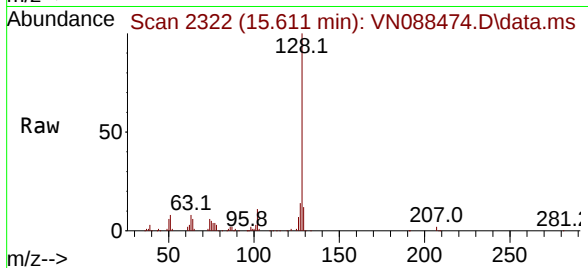
Tgt Ion:128 Resp: 211703

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.6 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 18.306 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN088474.D

Acq: 09 Dec 2025 12:51

Tgt Ion:180 Resp: 59555

Ion Ratio Lower Upper

180 100

182 92.8 45.9 137.7

145 38.2 17.8 53.4

