

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120125\
 Data File : VN088373.D
 Acq On : 01 Dec 2025 11:27
 Operator : JC\MD
 Sample : VN1201WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 02 00:10:02 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	8.206	168	256678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	487472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	435019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	207303	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	271013	56.049	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.100%	
35) Dibromofluoromethane	8.147	113	186190	55.116	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.240%	
50) Toluene-d8	10.541	98	690335	54.922	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.840%	
62) 4-Bromofluorobenzene	12.829	95	230018	53.334	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	70210	18.211	ug/l	99
3) Chloromethane	2.383	50	80214	19.372	ug/l	94
4) Vinyl Chloride	2.536	62	79487	18.870	ug/l	99
5) Bromomethane	2.989	94	39940	19.700	ug/l	96
6) Chloroethane	3.142	64	50911	19.530	ug/l	99
7) Trichlorofluoromethane	3.512	101	109953	18.572	ug/l	94
8) Diethyl Ether	3.965	74	43004	19.352	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	58508	18.563	ug/l	97
10) Methyl Iodide	4.583	142	59901	19.198	ug/l	98
11) Tert butyl alcohol	5.512	59	67525	87.469	ug/l	97
12) 1,1-Dichloroethene	4.336	96	59547	19.015	ug/l	87
13) Acrolein	4.177	56	88765	120.102	ug/l	97
14) Allyl chloride	5.018	41	108153	18.633	ug/l	98
15) Acrylonitrile	5.706	53	218028	97.888	ug/l	98
16) Acetone	4.418	43	153779	87.939	ug/l	94
17) Carbon Disulfide	4.706	76	198994	19.446	ug/l	100
18) Methyl Acetate	5.018	43	99423	19.100	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	233707	19.919	ug/l	100
20) Methylene Chloride	5.271	84	74861	20.009	ug/l	83
21) trans-1,2-Dichloroethene	5.771	96	68123	19.638	ug/l	89
22) Diisopropyl ether	6.653	45	255505	20.619	ug/l	93
23) Vinyl Acetate	6.589	43	1114820	111.663	ug/l	100
24) 1,1-Dichloroethane	6.547	63	139057	19.816	ug/l	100
25) 2-Butanone	7.465	43	269940	96.022	ug/l	97
26) 2,2-Dichloropropane	7.471	77	115800	19.118	ug/l	98
27) cis-1,2-Dichloroethene	7.465	96	80954	20.080	ug/l	98
28) Bromochloromethane	7.789	49	67630	19.346	ug/l #	98
29) Tetrahydrofuran	7.818	42	200576	99.471	ug/l	99
30) Chloroform	7.941	83	140173	20.329	ug/l	100
31) Cyclohexane	8.241	56	114116	17.945	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	114251	18.845	ug/l	96
36) 1,1-Dichloropropene	8.353	75	93124	17.862	ug/l	99
37) Ethyl Acetate	7.547	43	129007	18.819	ug/l	100
38) Carbon Tetrachloride	8.341	117	94912	18.287	ug/l	96
39) Methylcyclohexane	9.583	83	95473	17.120	ug/l	97
40) Benzene	8.588	78	296136	19.353	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	63234	18.624	ug/l	98
42) 1,2-Dichloroethane	8.653	62	114468	19.607	ug/l	98
43) Isopropyl Acetate	8.671	43	195071	18.624	ug/l	98
44) Trichloroethene	9.330	130	67826	18.759	ug/l	95
45) 1,2-Dichloropropane	9.600	63	77770	19.837	ug/l	93
46) Dibromomethane	9.688	93	55251	19.747	ug/l	98
47) Bromodichloromethane	9.871	83	111551	19.540	ug/l	92
48) Methyl methacrylate	9.659	41	87729	18.357	ug/l	97
49) 1,4-Dioxane	9.683	88	21595	355.324	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	606997	98.320	ug/l	100
52) Toluene	10.606	92	172323	19.503	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	116655	19.908	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	123675	20.070	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	68939	20.166	ug/l	96
56) Ethyl methacrylate	10.859	69	106640	19.749	ug/l	96
57) 1,3-Dichloropropane	11.141	76	122169	19.810	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.135	63	278967	89.610	ug/l	97
59) 2-Hexanone	11.177	43	363554	93.479	ug/l	98
60) Dibromochloromethane	11.335	129	78151	20.054	ug/l	97
61) 1,2-Dibromoethane	11.447	107	71254	20.583	ug/l	98
64) Tetrachloroethene	11.082	164	61757	17.907	ug/l	96
65) Chlorobenzene	11.871	112	190129	19.458	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	65977	20.020	ug/l	98
67) Ethyl Benzene	11.941	91	316848	18.553	ug/l	99
68) m/p-Xylenes	12.047	106	234320	37.005	ug/l	97
69) o-Xylene	12.376	106	110515	18.307	ug/l	100
70) Styrene	12.388	104	191890	19.577	ug/l	99
71) Bromoform	12.559	173	48189	19.963	ug/l #	99
73) Isopropylbenzene	12.676	105	285585	18.632	ug/l	99
74) N-amyl acetate	12.524	43	8917	1.708	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.912	83	99427	20.065	ug/l	97
76) 1,2,3-Trichloropropane	12.971	75	130453	26.868	ug/l	68
77) Bromobenzene	12.959	156	70858	20.205	ug/l	97
78) n-propylbenzene	13.012	91	349255	18.625	ug/l	100
79) 2-Chlorotoluene	13.100	91	213346	18.631	ug/l	98
80) 1,3,5-Trimethylbenzene	13.147	105	239698	18.872	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	31603	18.465	ug/l #	98
82) 4-Chlorotoluene	13.200	91	222136	19.531	ug/l	99
83) tert-Butylbenzene	13.412	119	195850	18.139	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	244186	19.342	ug/l	99
85) sec-Butylbenzene	13.594	105	282563	18.217	ug/l	100
86) p-Isopropyltoluene	13.706	119	237355	18.661	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	129958	19.036	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	131944	18.451	ug/l	97
89) n-Butylbenzene	14.029	91	220480	17.853	ug/l	100
90) Hexachloroethane	14.306	117	42679	18.368	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	124887	19.439	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	21886	18.204	ug/l	99
93) 1,2,4-Trichlorobenzene	15.365	180	70611	18.498	ug/l	98
94) Hexachlorobutadiene	15.470	225	24611	17.942	ug/l	99
95) Naphthalene	15.612	128	234599	17.736	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	68004	18.306	ug/l	99

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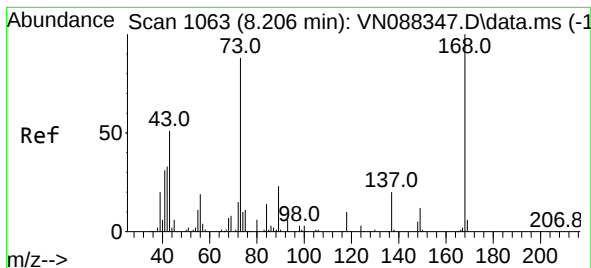
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QLast Update : Tue Nov 25 01:34:52 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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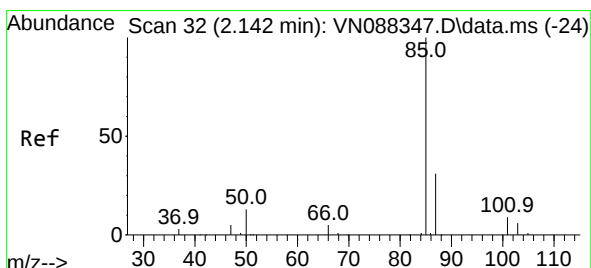
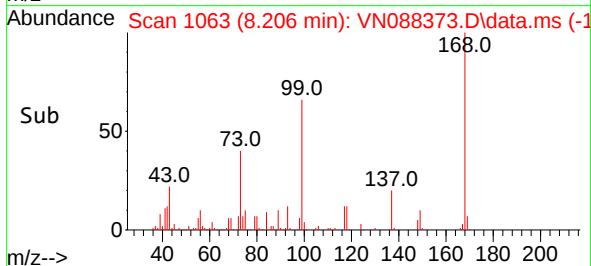
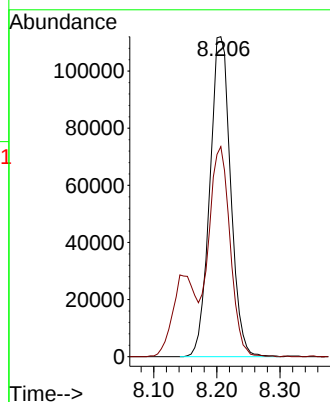
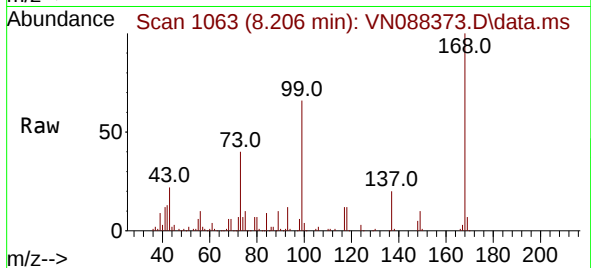




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

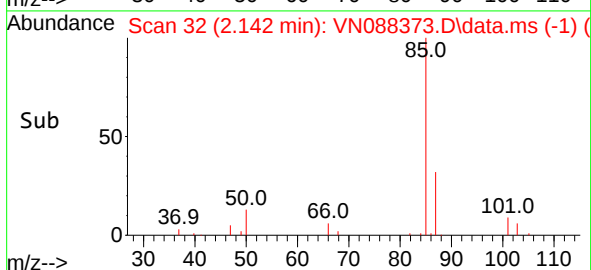
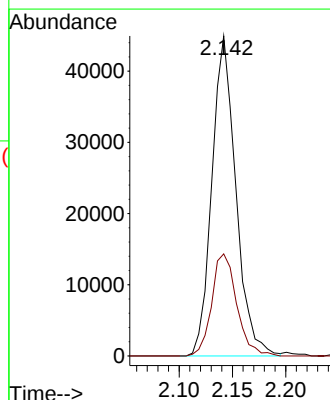
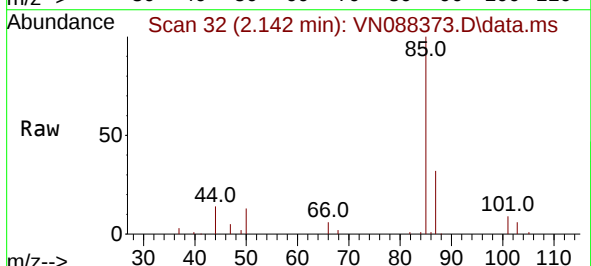
Instrument :
MSVOA_N
ClientSampleId :

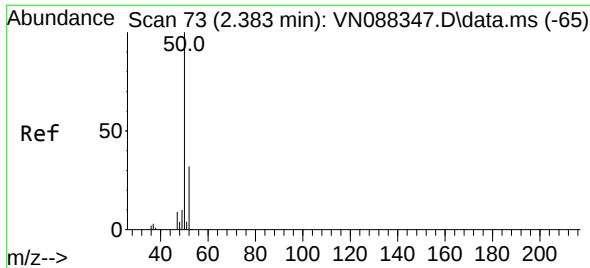
Tgt Ion:168 Resp: 256678
Ion Ratio Lower Upper
168 100
99 65.6 57.1 85.7



#2
Dichlorodifluoromethane
Concen: 18.211 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

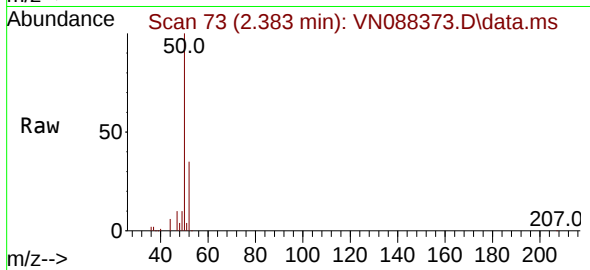
Tgt Ion: 85 Resp: 70210
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.7



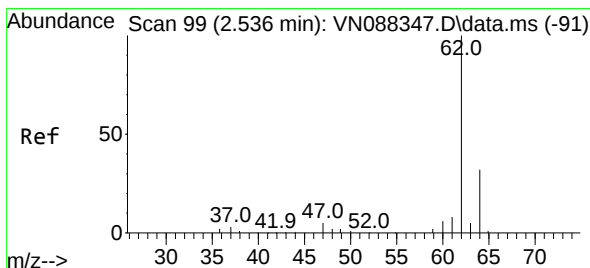
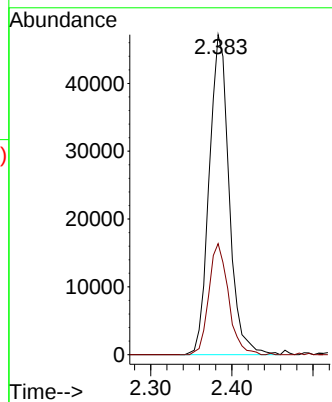
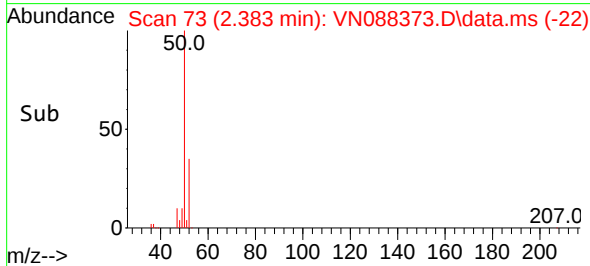


#3
Chloromethane
Concen: 19.372 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Instrument :
MSVOA_N
ClientSampleId :

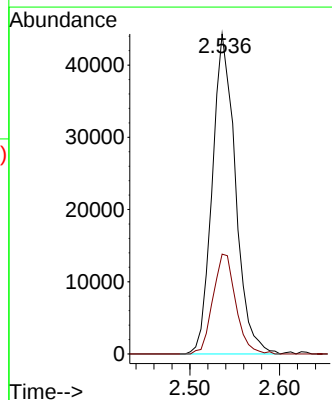
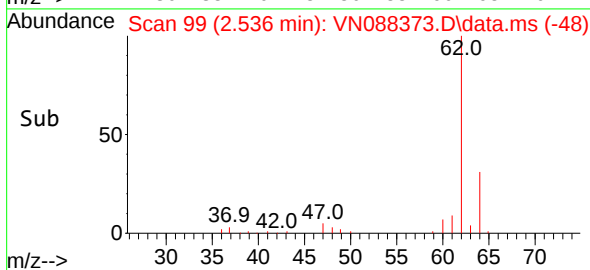
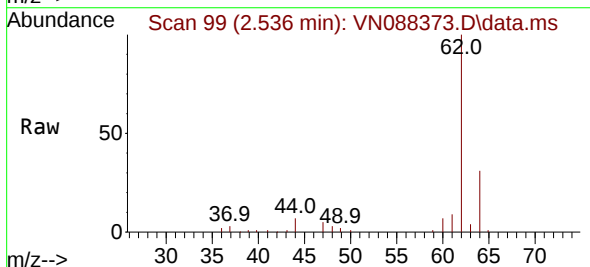


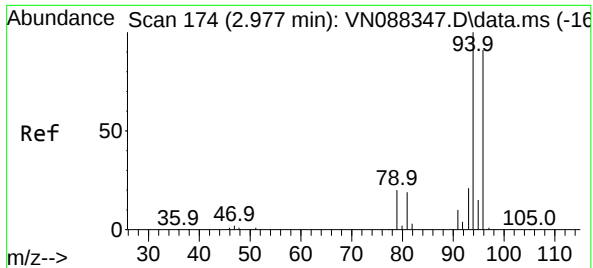
Tgt Ion: 50 Resp: 80214
Ion Ratio Lower Upper
50 100
52 34.7 25.2 37.8



#4
Vinyl Chloride
Concen: 18.870 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 62 Resp: 79487
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.2

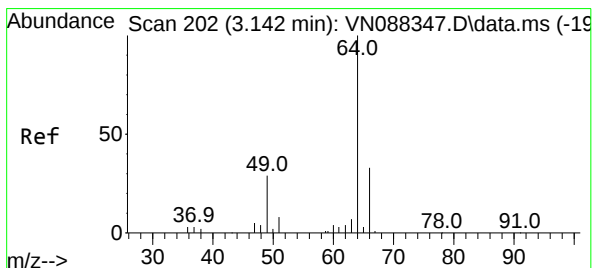
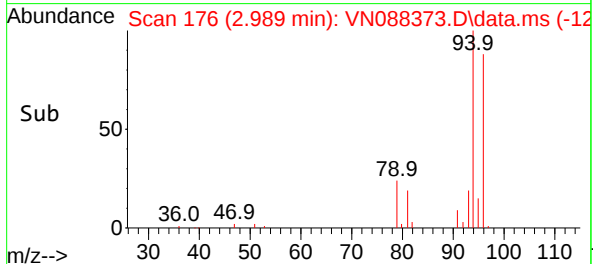
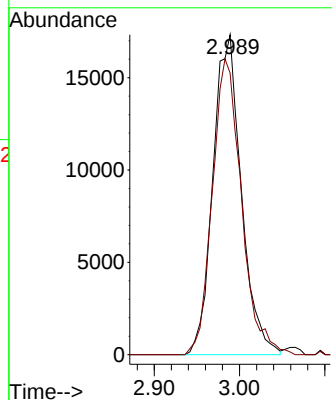
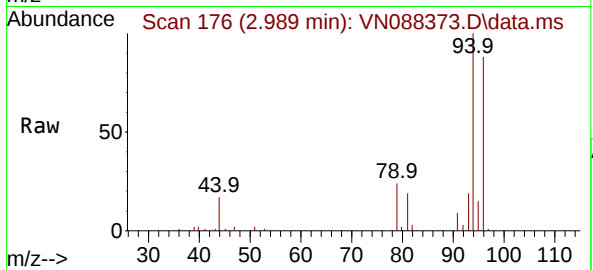




#5
Bromomethane
Concen: 19.700 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.012 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

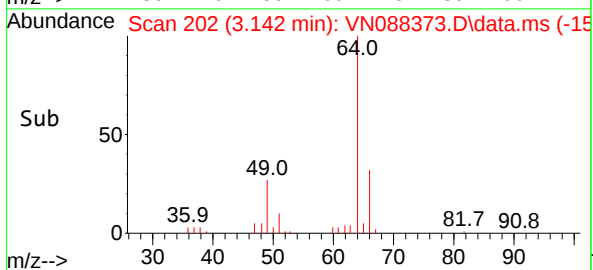
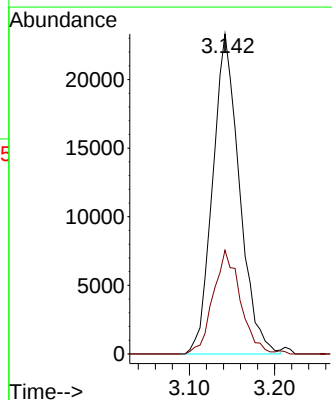
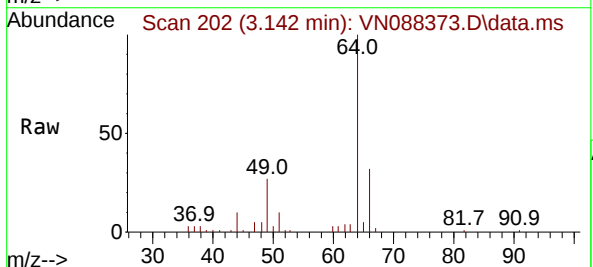
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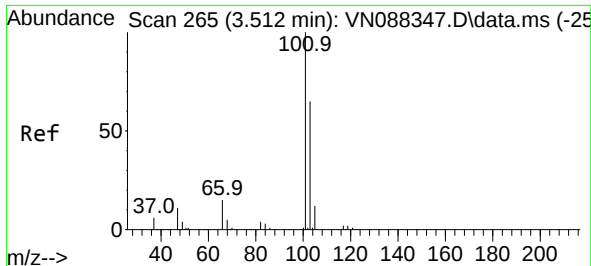
Tgt Ion: 94 Resp: 39940
Ion Ratio Lower Upper
94 100
96 88.0 73.2 109.8



#6
Chloroethane
Concen: 19.530 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 64 Resp: 50911
Ion Ratio Lower Upper
64 100
66 32.4 26.4 39.6

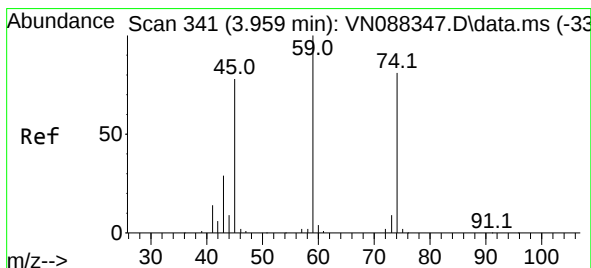
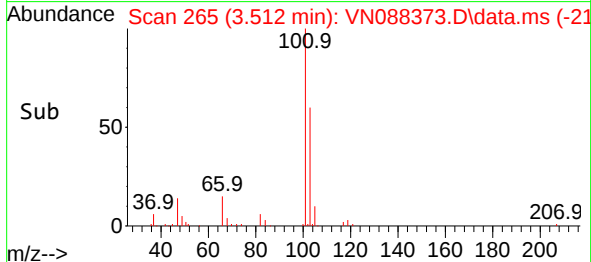
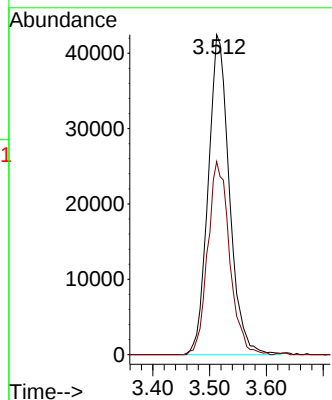
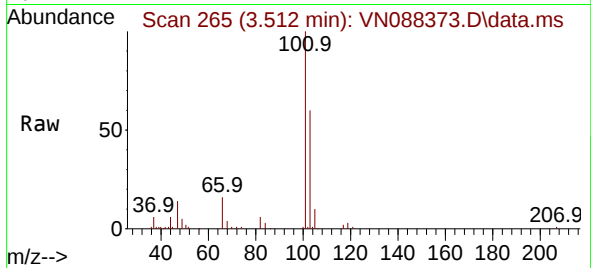




#7
 Trichlorofluoromethane
 Concen: 18.572 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN088373.D
 Acq: 01 Dec 2025 11:27

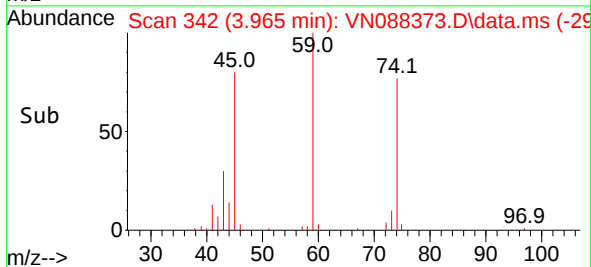
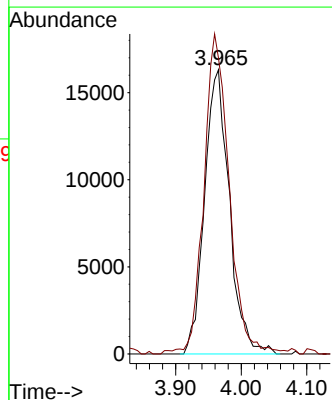
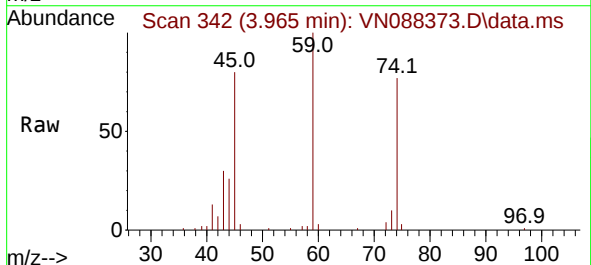
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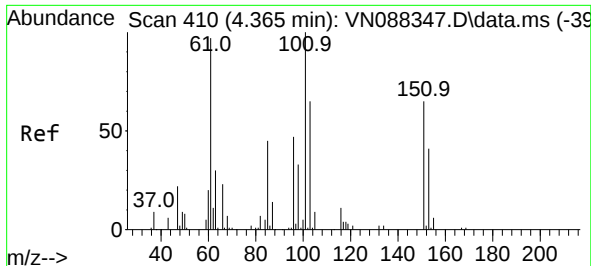
Tgt Ion:101 Resp: 109953
 Ion Ratio Lower Upper
 101 100
 103 60.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 19.352 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN088373.D
 Acq: 01 Dec 2025 11:27

Tgt Ion: 74 Resp: 43004
 Ion Ratio Lower Upper
 74 100
 45 114.3 54.2 162.6

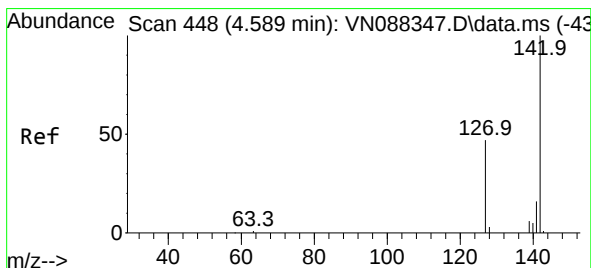
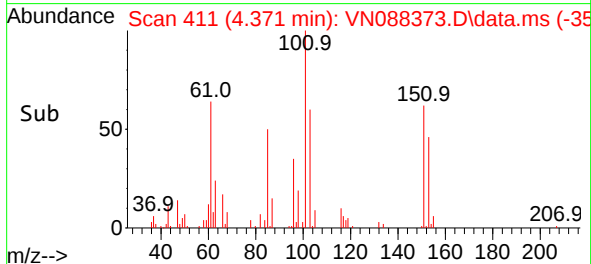
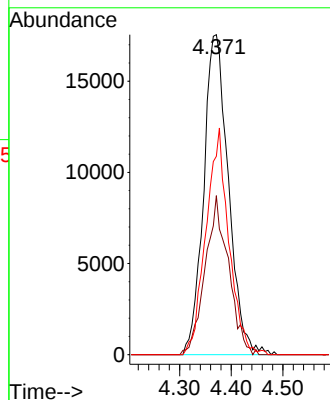
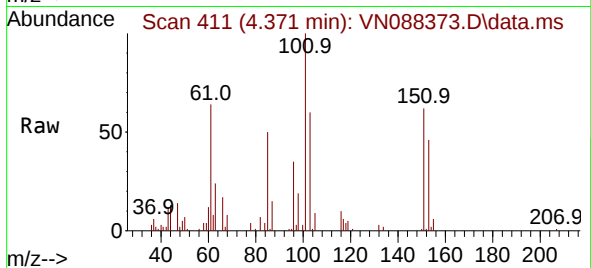




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.563 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

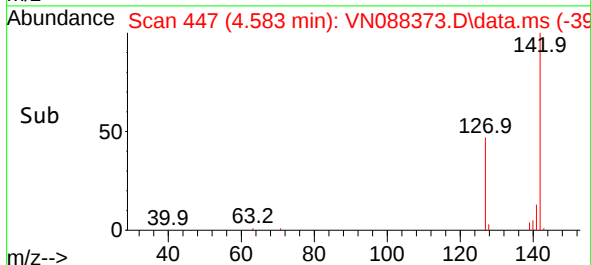
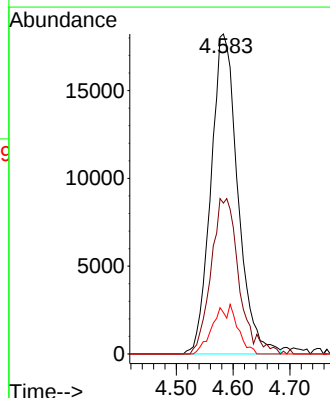
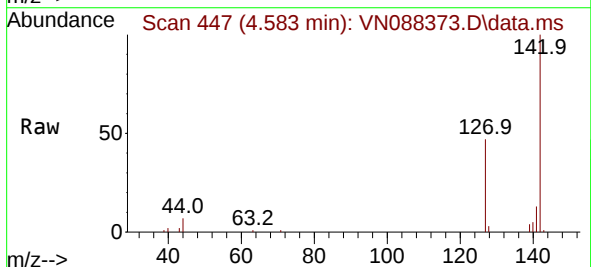
Instrument :
MSVOA_N
ClientSampleId :

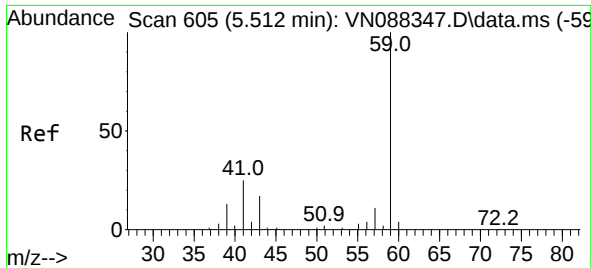
Tgt Ion:101 Resp: 58508
Ion Ratio Lower Upper
101 100
85 46.7 39.2 58.8
151 65.5 53.6 80.4



#10
Methyl Iodide
Concen: 19.198 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion:142 Resp: 59901
Ion Ratio Lower Upper
142 100
127 47.2 37.9 56.9
141 12.9 12.4 18.6

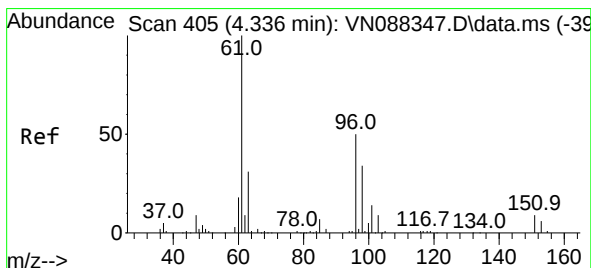
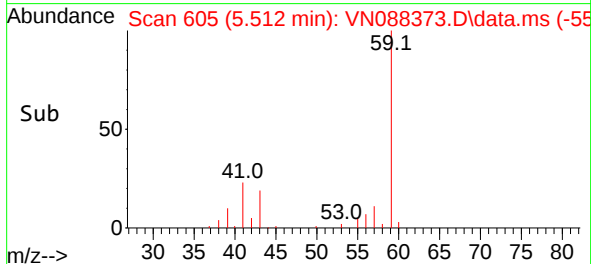
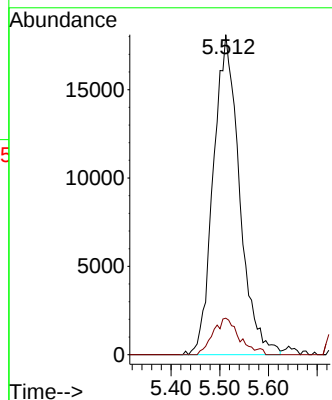
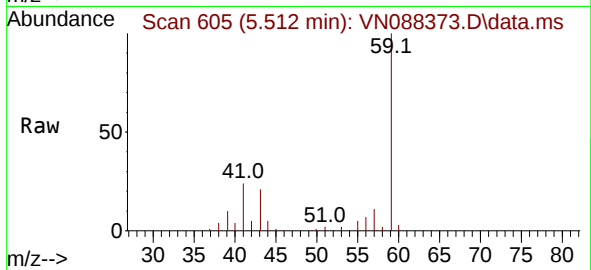




#11
Tert butyl alcohol
Concen: 87.469 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

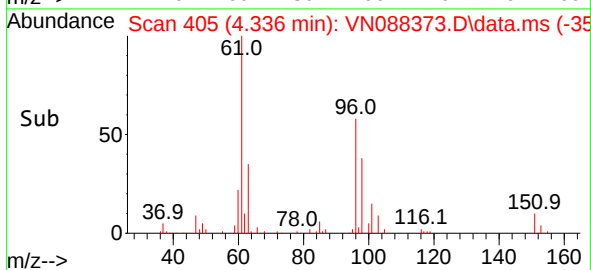
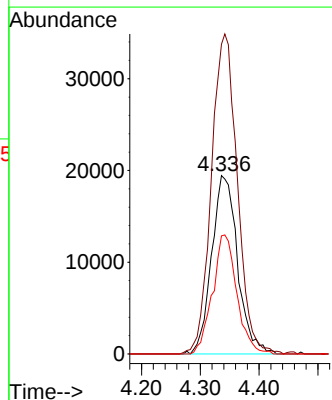
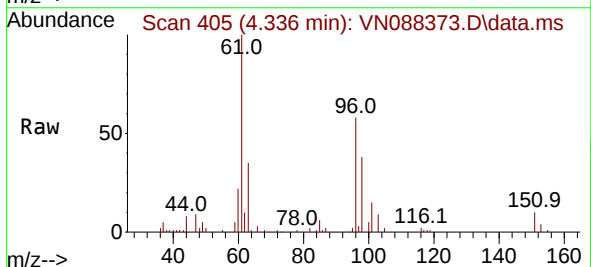
Instrument :
MSVOA_N
ClientSampleId :

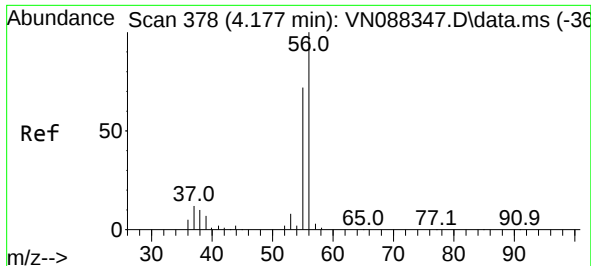
Tgt Ion: 59 Resp: 67525
Ion Ratio Lower Upper
59 100
57 11.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 19.015 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 96 Resp: 59547
Ion Ratio Lower Upper
96 100
61 173.7 159.1 238.7
98 66.3 53.7 80.5

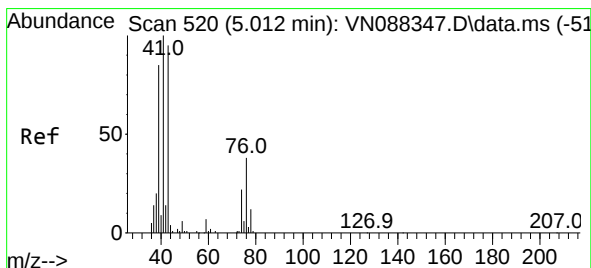
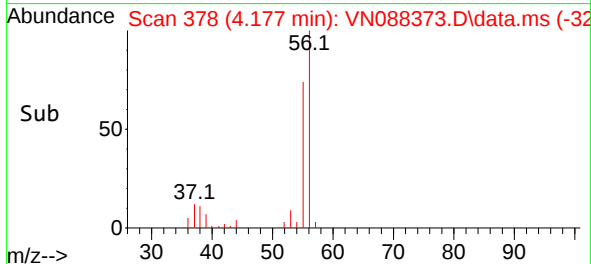
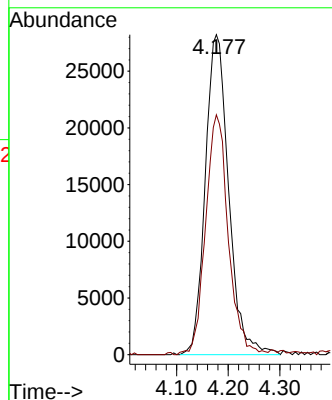
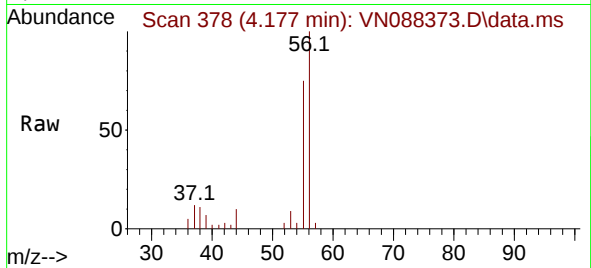




#13
Acrolein
Concen: 120.102 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

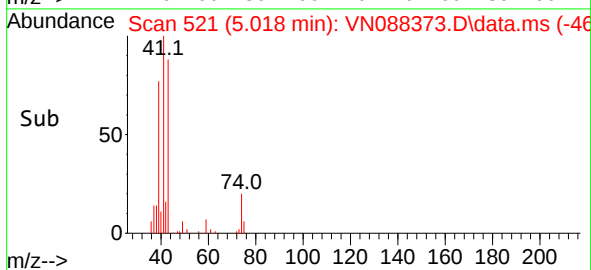
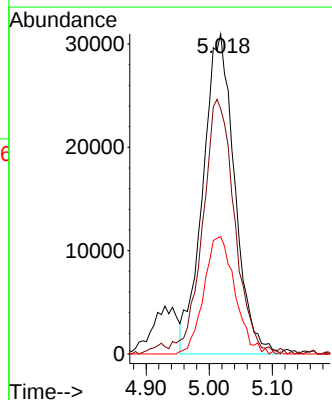
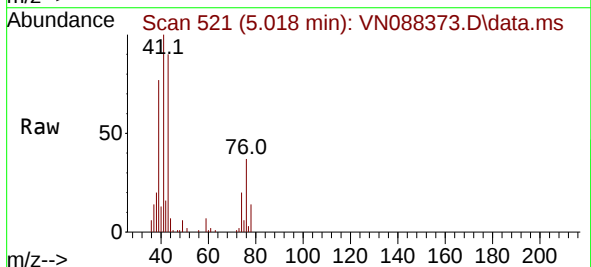
Instrument :
MSVOA_N
ClientSampleId :

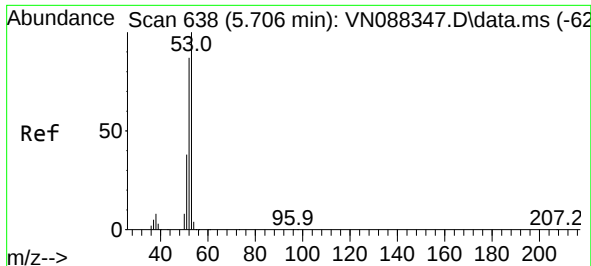
Tgt Ion: 56 Resp: 88765
Ion Ratio Lower Upper
56 100
55 72.6 56.3 84.5



#14
Allyl chloride
Concen: 18.633 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

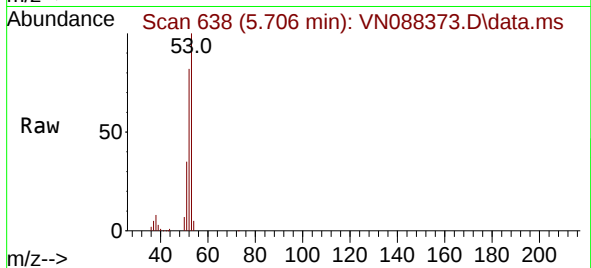
Tgt Ion: 41 Resp: 108153
Ion Ratio Lower Upper
41 100
39 78.5 64.7 97.1
76 36.0 29.1 43.7





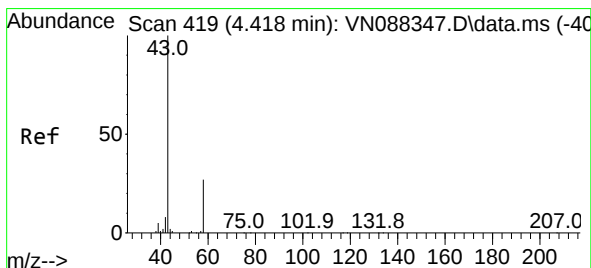
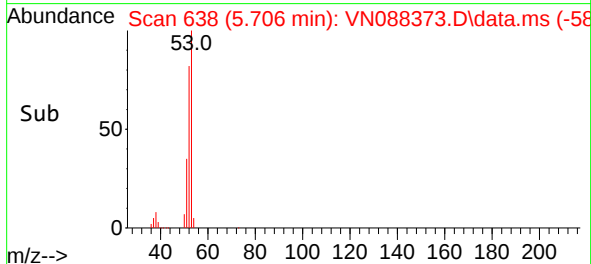
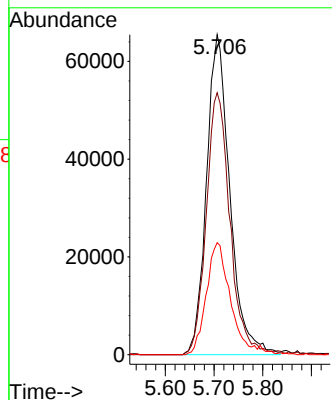
#15
Acrylonitrile
Concen: 97.888 ug/l
RT: 5.706 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 218028

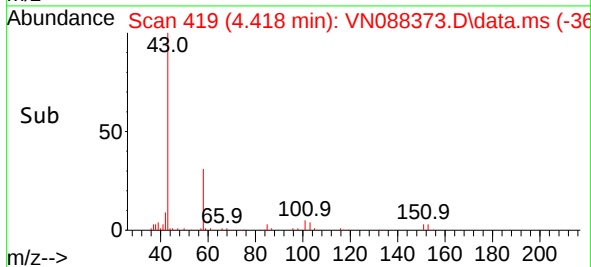
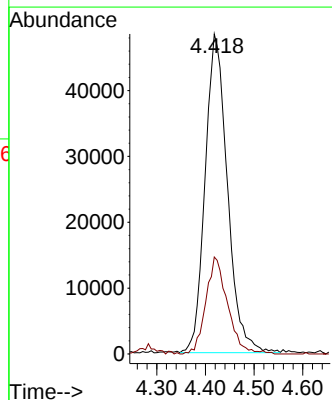
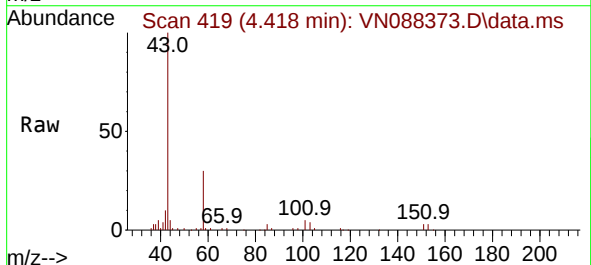
Ion	Ratio	Lower	Upper
53	100		
52	82.8	67.8	101.6
51	36.6	29.8	44.8

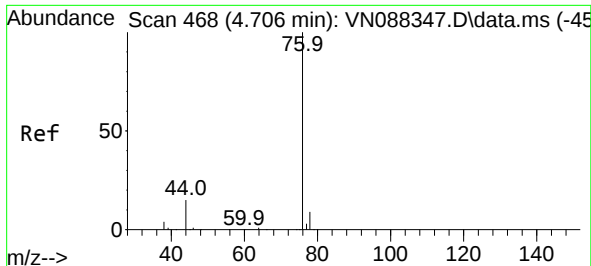


#16
Acetone
Concen: 87.939 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 43 Resp: 153779

Ion	Ratio	Lower	Upper
43	100		
58	30.4	21.7	32.5

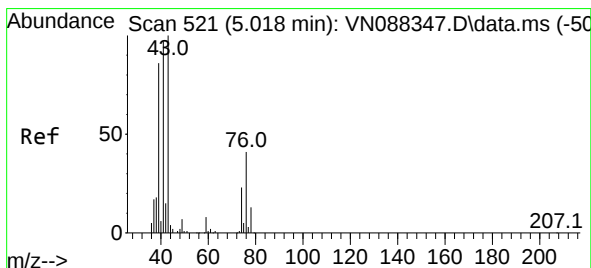
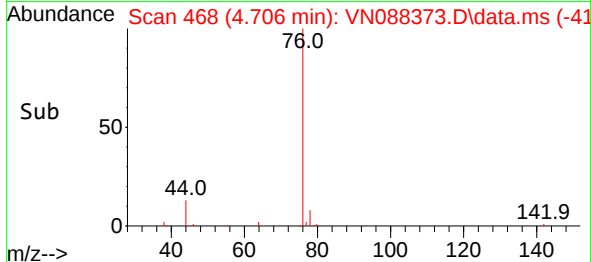
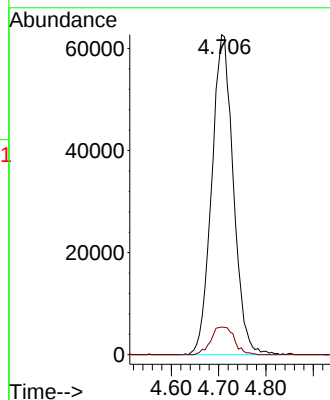
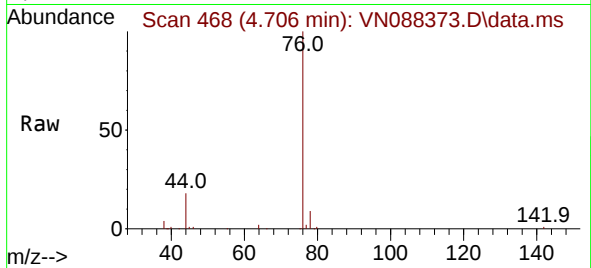




#17
Carbon Disulfide
Concen: 19.446 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

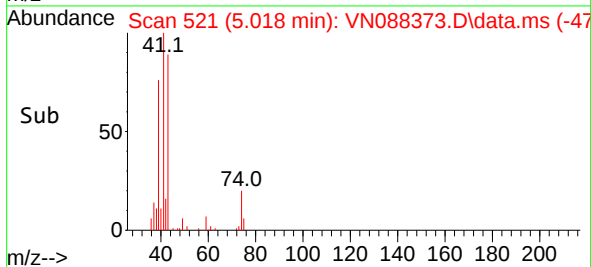
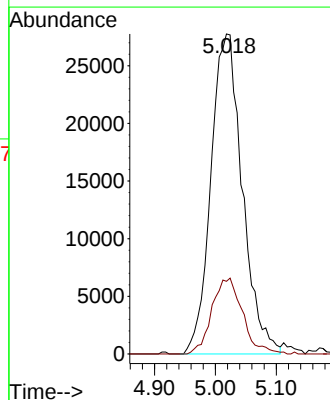
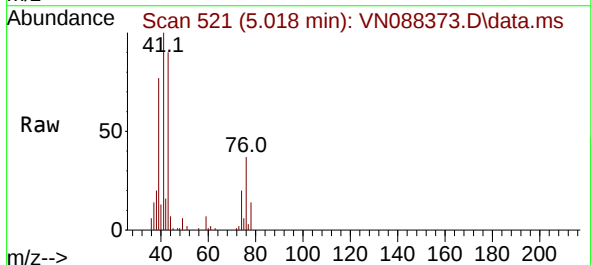
Instrument :
MSVOA_N
ClientSampleId :

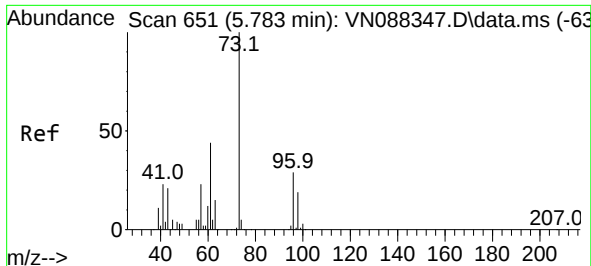
Tgt Ion: 76 Resp: 198994
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 19.100 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 43 Resp: 99423
Ion Ratio Lower Upper
43 100
74 23.1 17.9 26.9

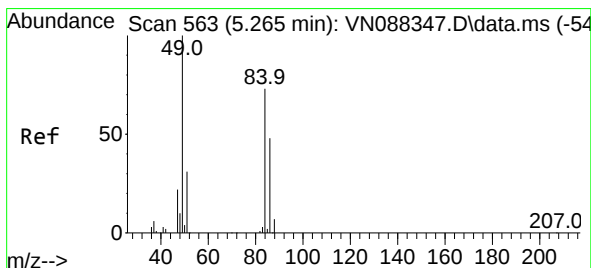
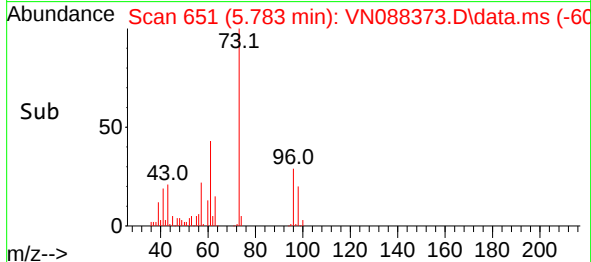
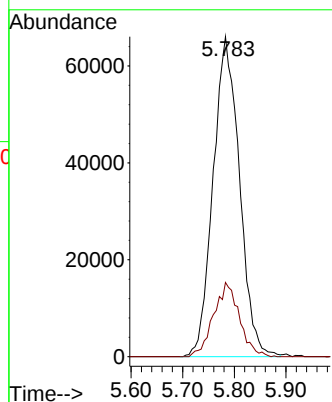
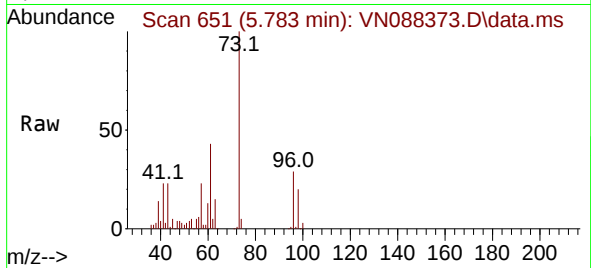




#19
Methyl tert-butyl Ether
Concen: 19.919 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

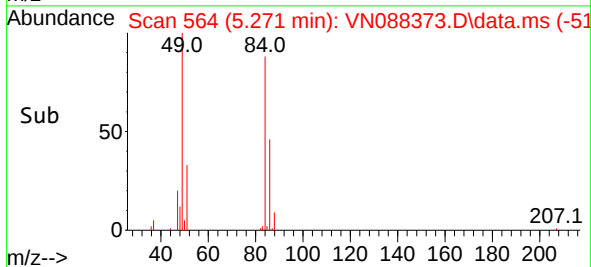
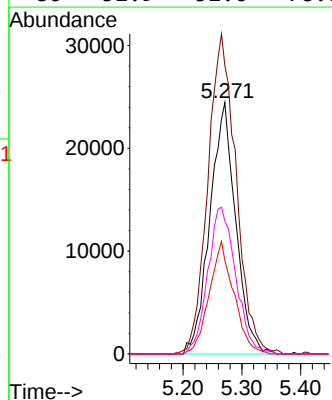
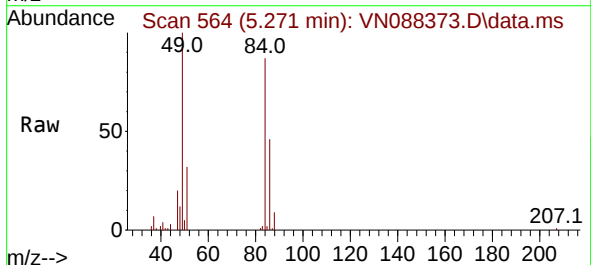
Instrument :
MSVOA_N
ClientSampleId :

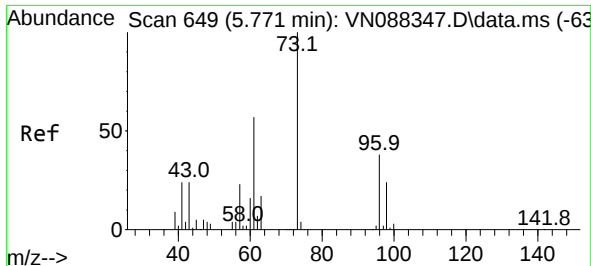
Tgt Ion: 73 Resp: 233707
Ion Ratio Lower Upper
73 100
57 23.2 18.6 28.0



#20
Methylene Chloride
Concen: 20.009 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 84 Resp: 74861
Ion Ratio Lower Upper
84 100
49 114.0 110.2 165.2
51 37.3 34.1 51.1
86 52.9 52.6 78.8

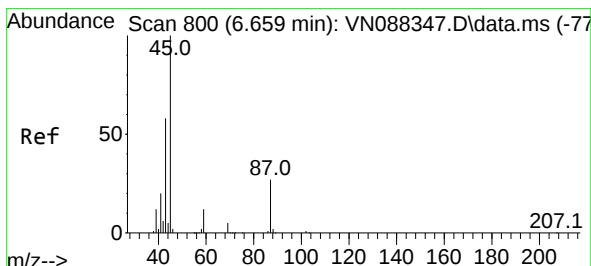
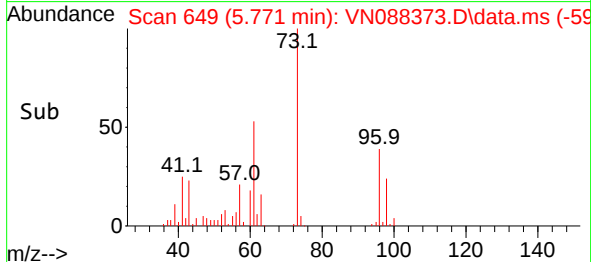
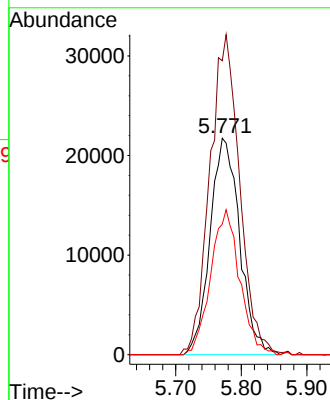
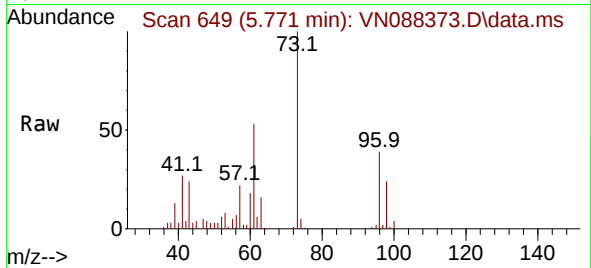




#21
trans-1,2-Dichloroethene
Concen: 19.638 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

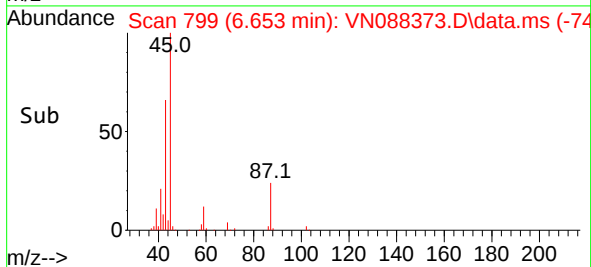
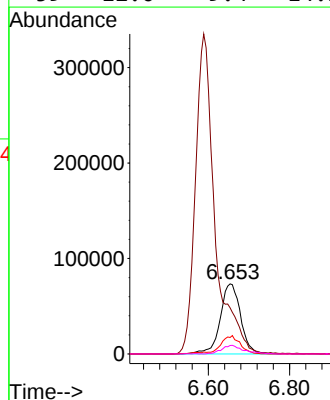
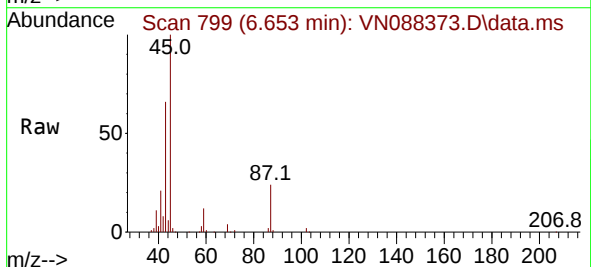
Instrument :
MSVOA_N
ClientSampleId :

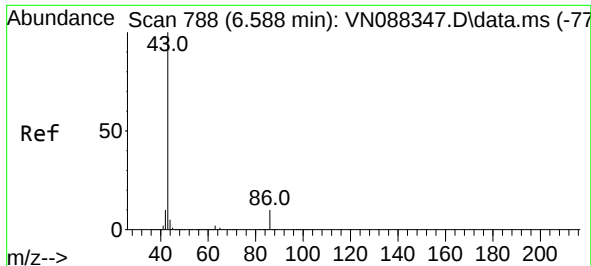
Tgt Ion: 96 Resp: 68123
Ion Ratio Lower Upper
96 100
61 135.8 122.4 183.6
98 60.3 50.9 76.3



#22
Diisopropyl ether
Concen: 20.619 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 45 Resp: 255505
Ion Ratio Lower Upper
45 100
43 65.1 47.4 71.2
87 23.6 21.9 32.9
59 12.0 9.4 14.2

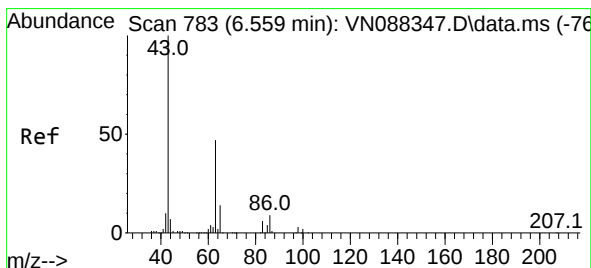
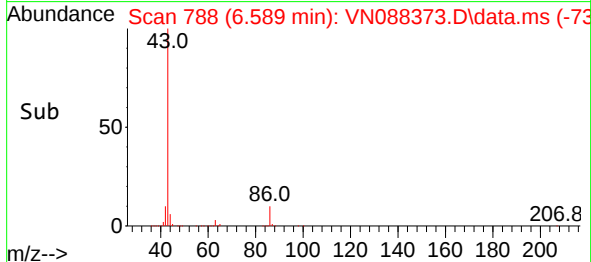
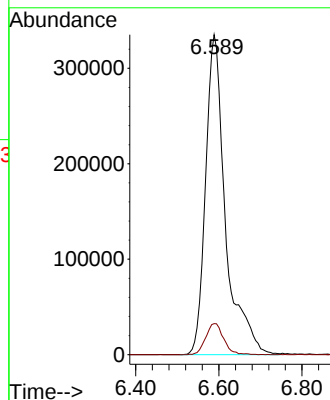
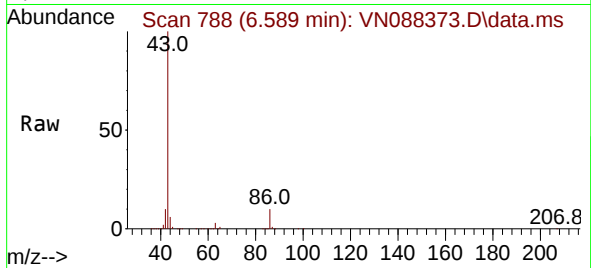




#23
 Vinyl Acetate
 Concen: 111.663 ug/l
 RT: 6.589 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VN088373.D
 Acq: 01 Dec 2025 11:27

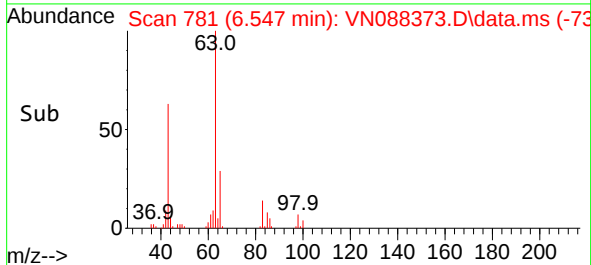
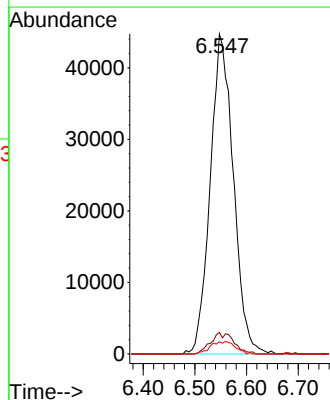
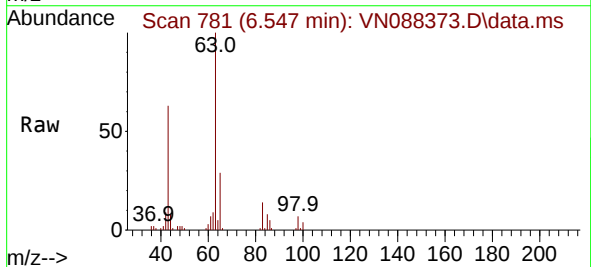
Instrument :
 MSVOA_N
 ClientSampleId :

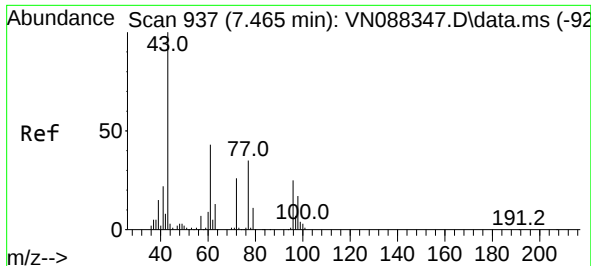
Tgt Ion: 43 Resp: 1114820
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.816 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.012 min
 Lab File: VN088373.D
 Acq: 01 Dec 2025 11:27

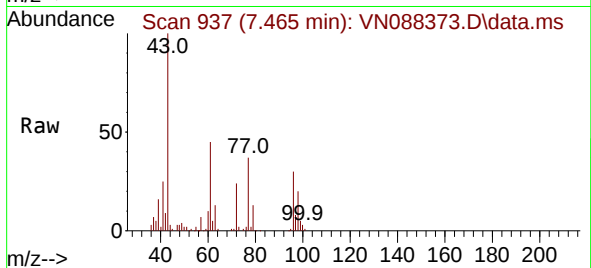
Tgt Ion: 63 Resp: 139057
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 3.8 1.9 5.7



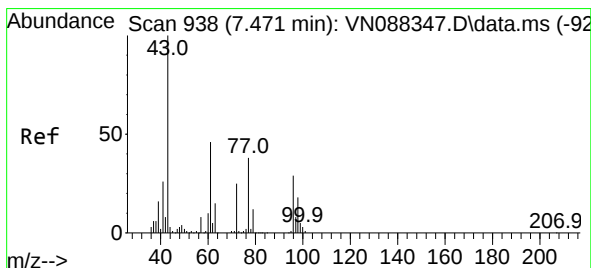
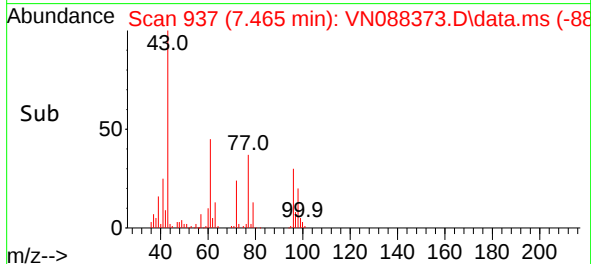
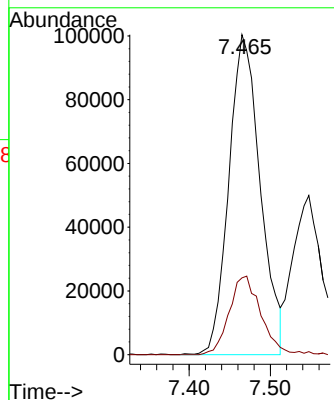


#25
2-Butanone
Concen: 96.022 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Instrument :
MSVOA_N
ClientSampleId :

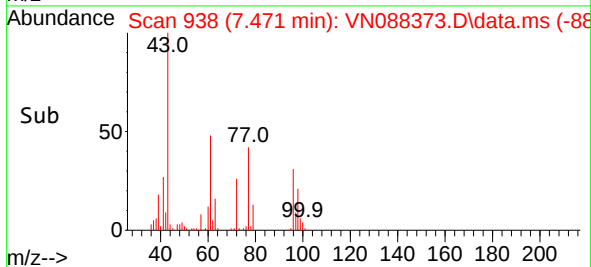
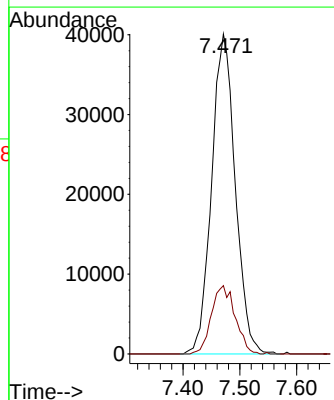
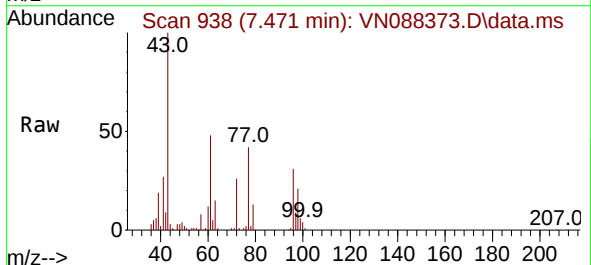


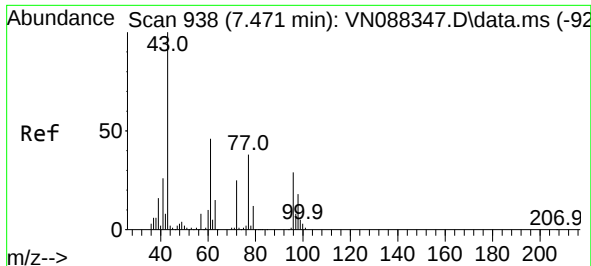
Tgt Ion: 43 Resp: 269940
Ion Ratio Lower Upper
43 100
72 24.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.118 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

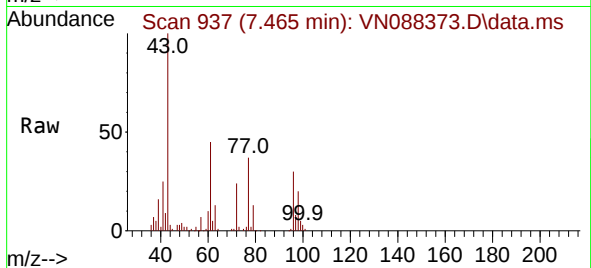
Tgt Ion: 77 Resp: 115800
Ion Ratio Lower Upper
77 100
97 21.4 10.3 30.9



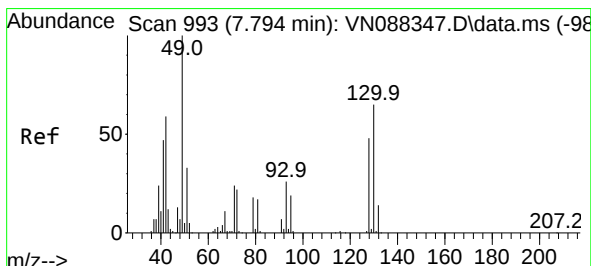
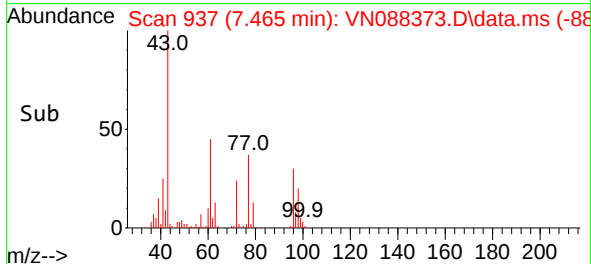
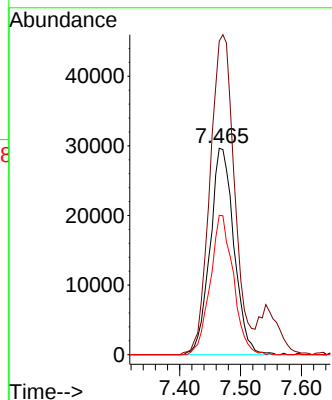


#27
 cis-1,2-Dichloroethene
 Concen: 20.080 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN088373.D
 Acq: 01 Dec 2025 11:27

Instrument :
 MSVOA_N
 ClientSampleId :

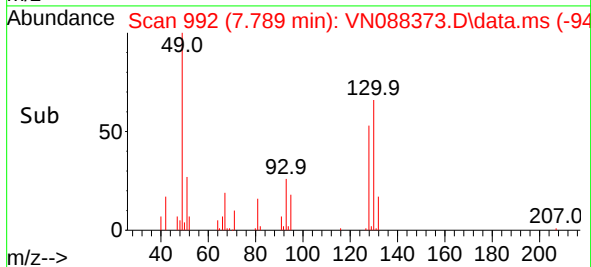
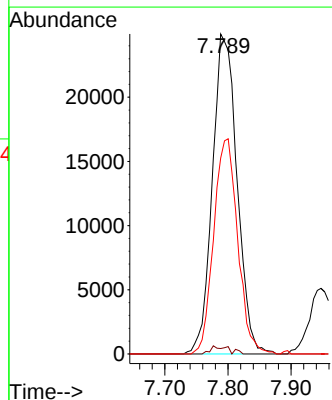
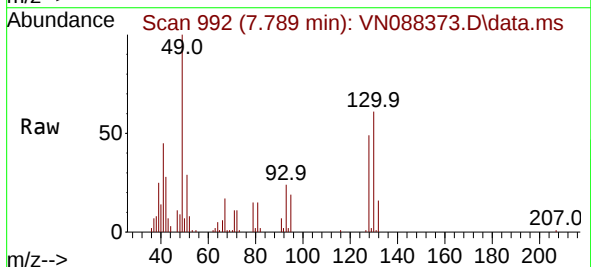


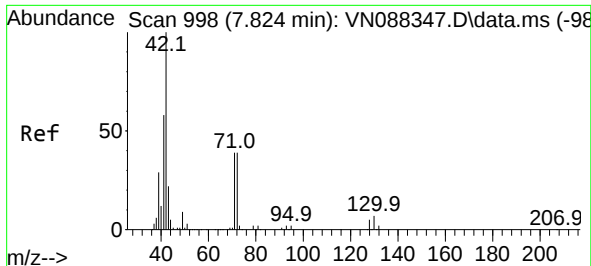
Tgt Ion: 96 Resp: 80954
 Ion Ratio Lower Upper
 96 100
 61 159.3 0.0 323.6
 98 65.1 0.0 127.2



#28
 Bromochloromethane
 Concen: 19.346 ug/l
 RT: 7.789 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VN088373.D
 Acq: 01 Dec 2025 11:27

Tgt Ion: 49 Resp: 67630
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 65.4 51.1 76.7





#29

Tetrahydrofuran

Concen: 99.471 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.006 min

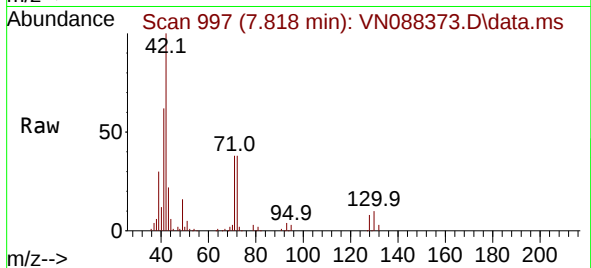
Lab File: VN088373.D

Acq: 01 Dec 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :



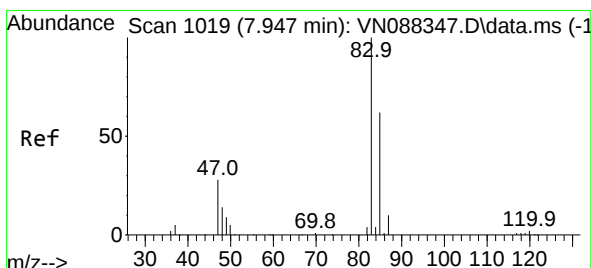
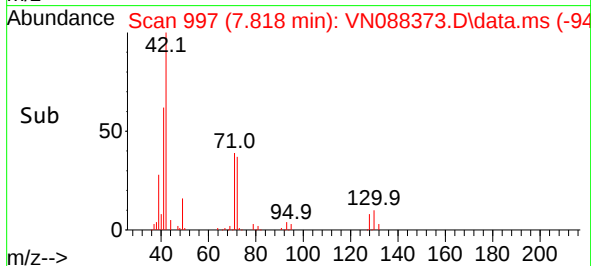
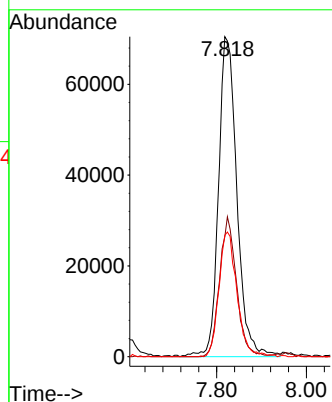
Tgt Ion: 42 Resp: 200576

Ion Ratio Lower Upper

42 100

72 40.4 32.2 48.4

71 38.3 31.1 46.7



#30

Chloroform

Concen: 20.329 ug/l

RT: 7.941 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VN088373.D

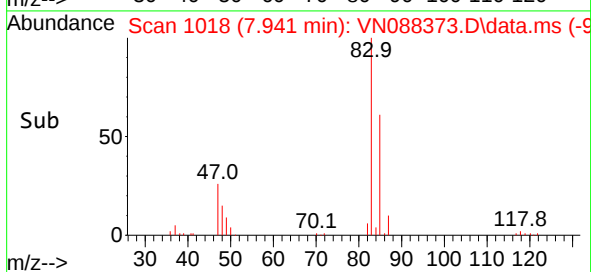
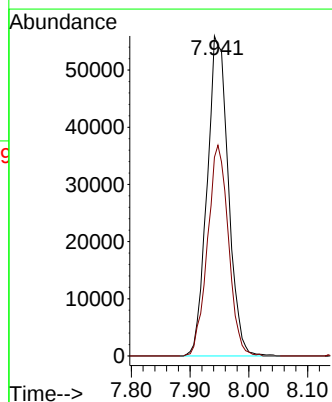
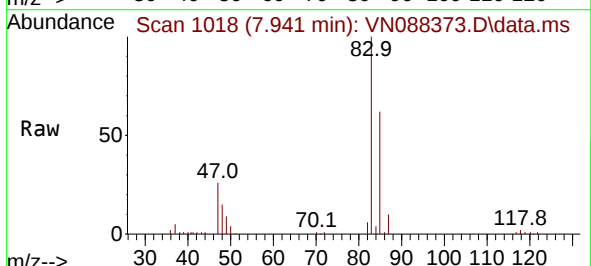
Acq: 01 Dec 2025 11:27

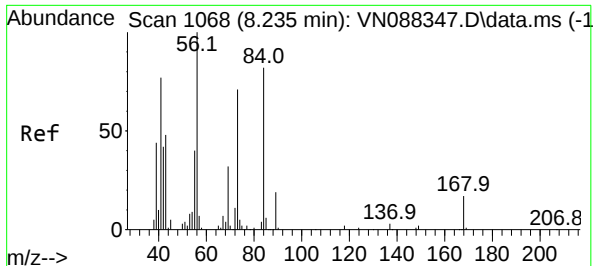
Tgt Ion: 83 Resp: 140173

Ion Ratio Lower Upper

83 100

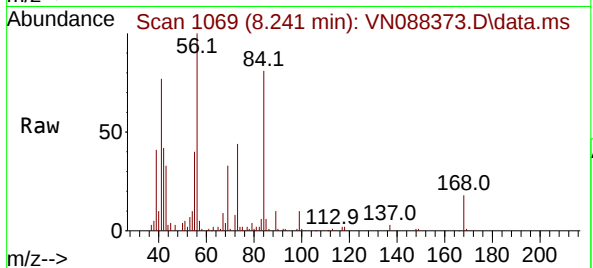
85 62.1 49.8 74.8



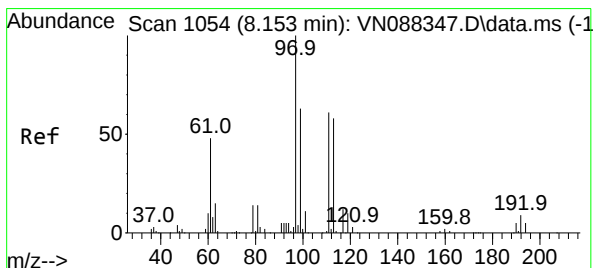
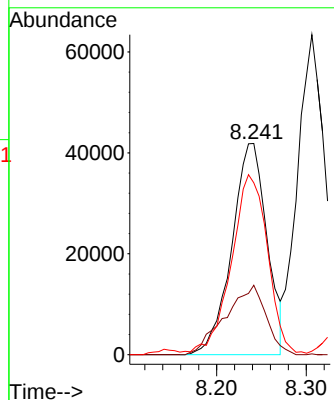
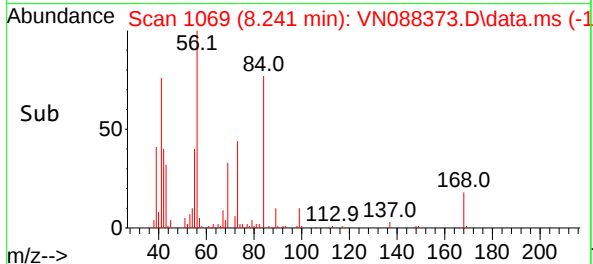


#31
Cyclohexane
Concen: 17.945 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

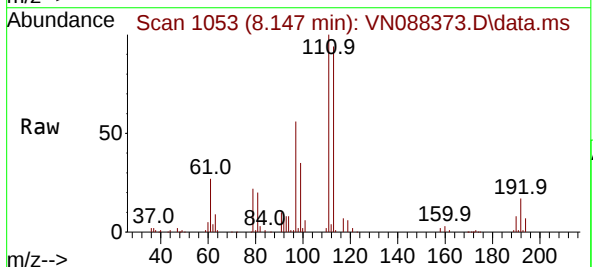
Instrument :
MSVOA_N
ClientSampleId :



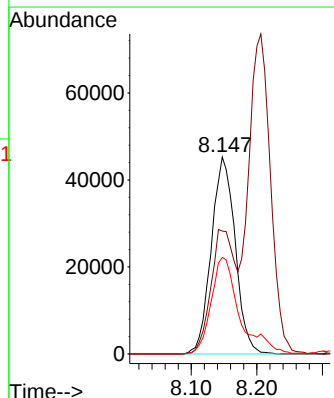
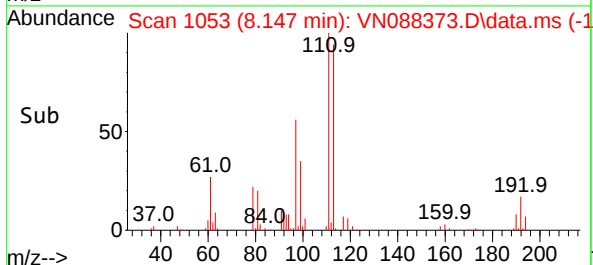
Tgt Ion: 56 Resp: 114116
Ion Ratio Lower Upper
56 100
69 32.4 25.3 37.9
84 80.2 65.4 98.2

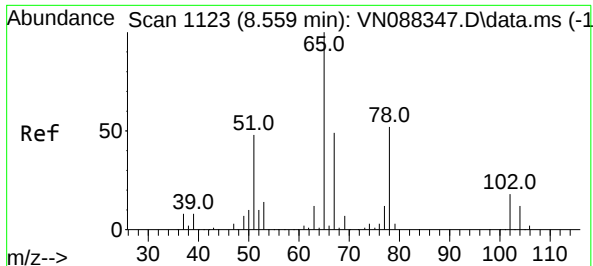


#32
1,1,1-Trichloroethane
Concen: 18.845 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27



Tgt Ion: 97 Resp: 114251
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 58.5 42.2 63.2

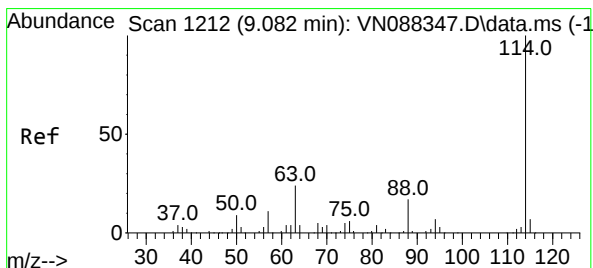
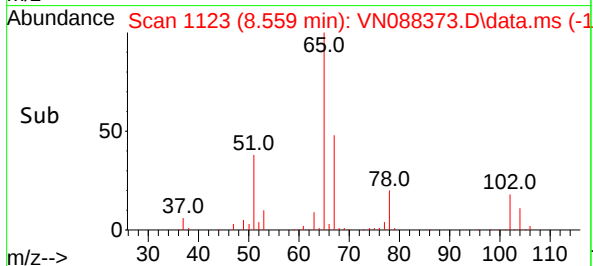
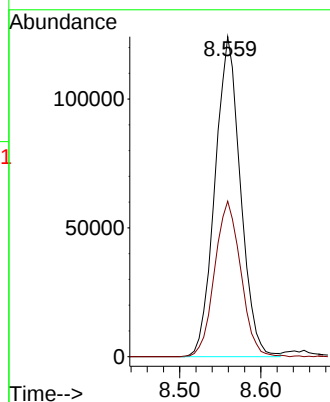
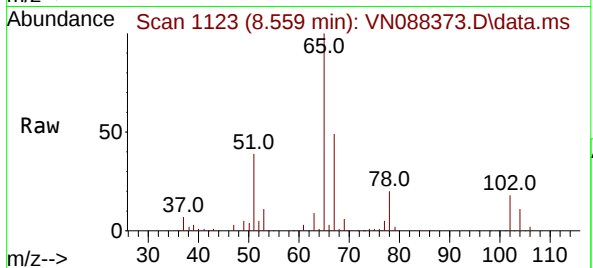




#33
 1,2-Dichloroethane-d4
 Concen: 56.049 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. 0.000 min
 Lab File: VN088373.D
 Acq: 01 Dec 2025 11:27

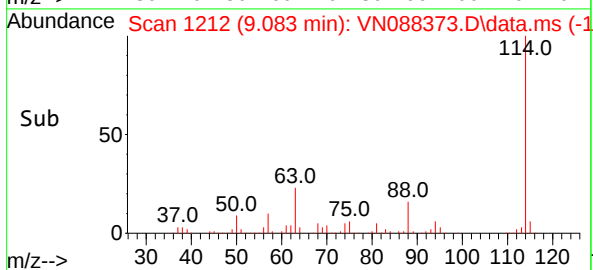
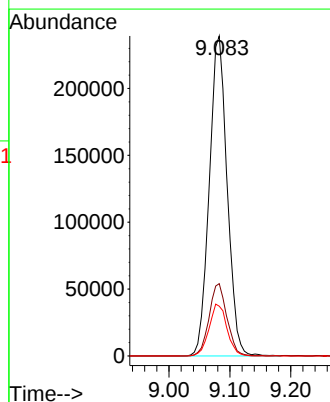
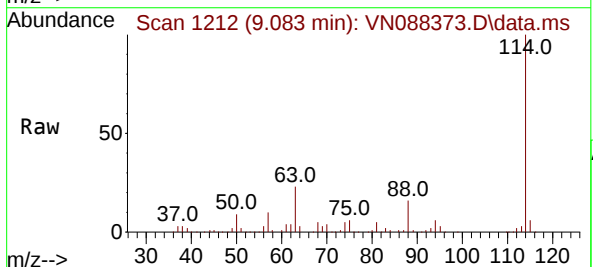
Instrument :
 MSVOA_N
 ClientSampleId :

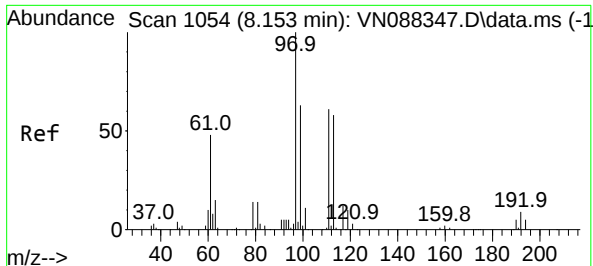
Tgt Ion: 65 Resp: 271013
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.083 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN088373.D
 Acq: 01 Dec 2025 11:27

Tgt Ion: 114 Resp: 487472
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 49.0
 88 15.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 55.116 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088373.D

Acq: 01 Dec 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :

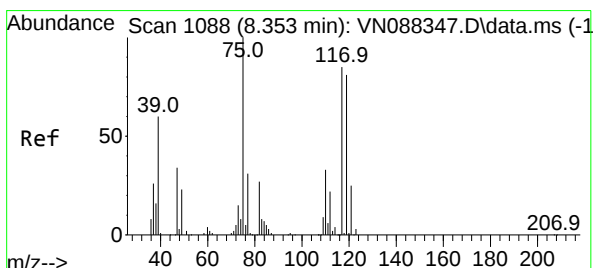
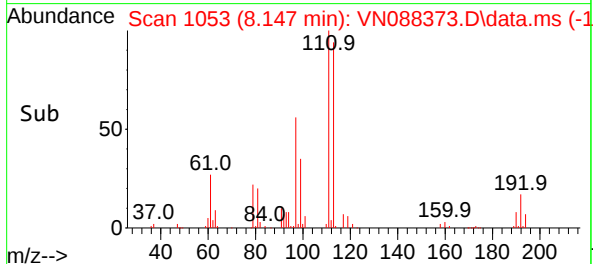
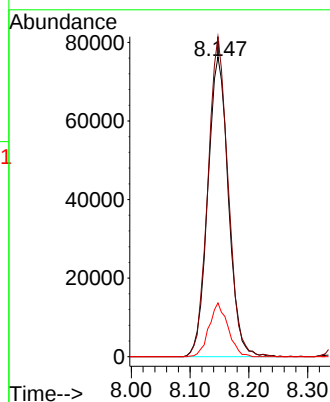
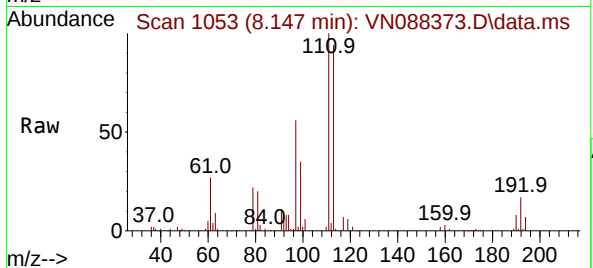
Tgt Ion:113 Resp: 186190

Ion Ratio Lower Upper

113 100

111 104.5 82.5 123.7

192 16.4 12.8 19.2



#36

1,1-Dichloropropene

Concen: 17.862 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088373.D

Acq: 01 Dec 2025 11:27

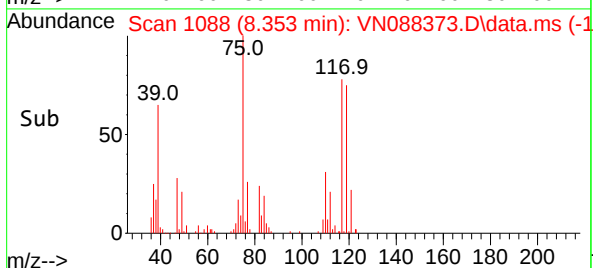
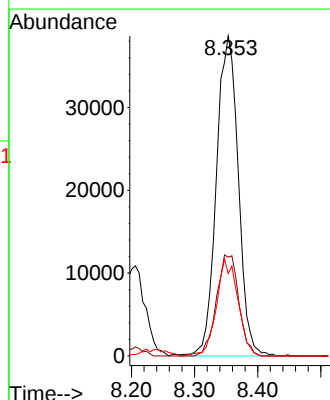
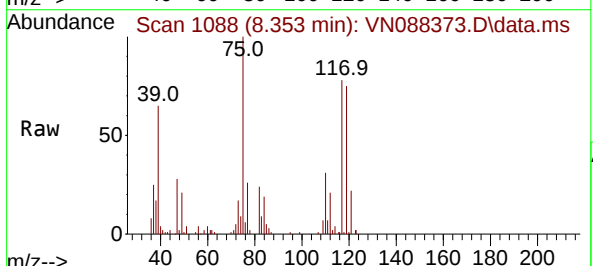
Tgt Ion: 75 Resp: 93124

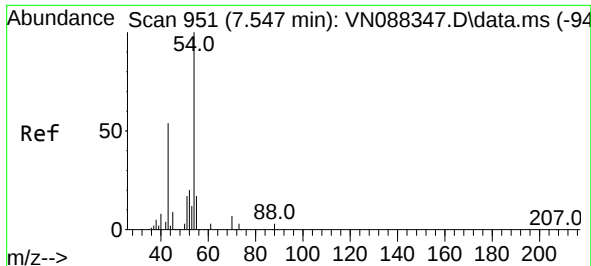
Ion Ratio Lower Upper

75 100

110 32.1 15.8 47.4

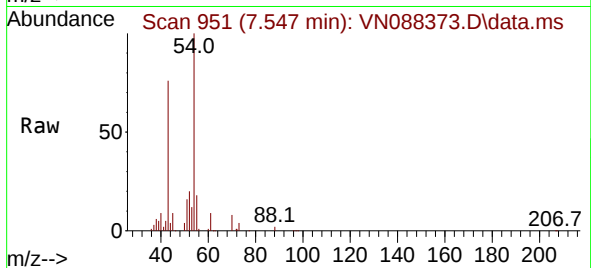
77 29.8 24.2 36.2



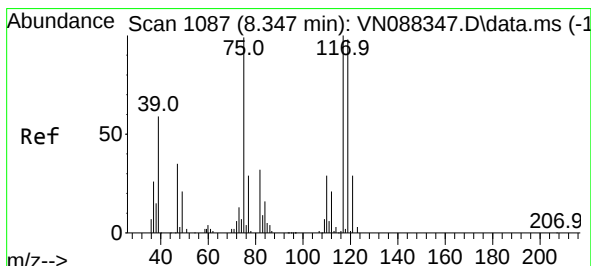
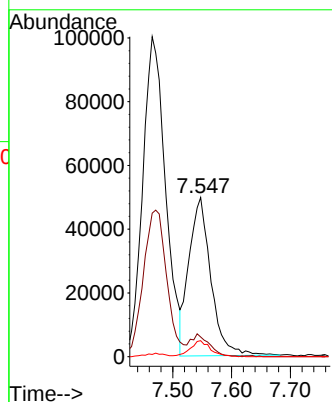
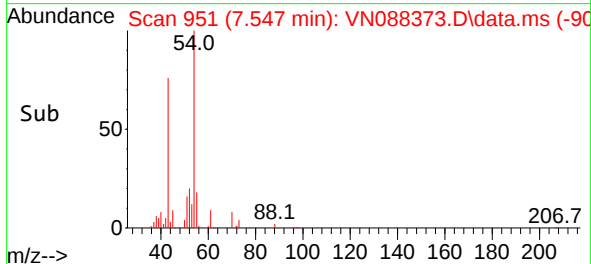


#37
Ethyl Acetate
Concen: 18.819 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Instrument :
MSVOA_N
ClientSampleId :

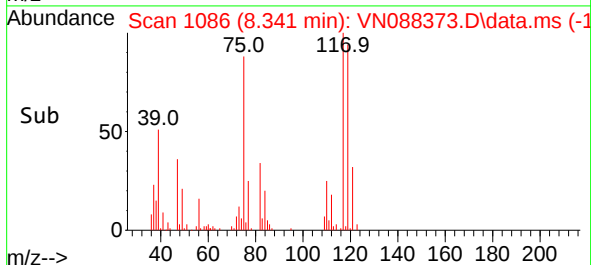
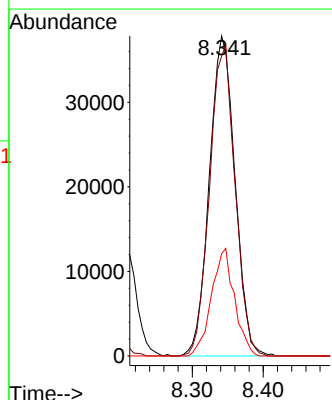
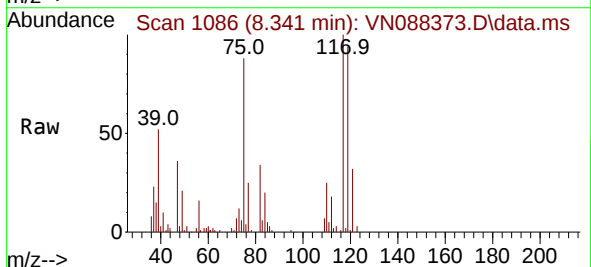


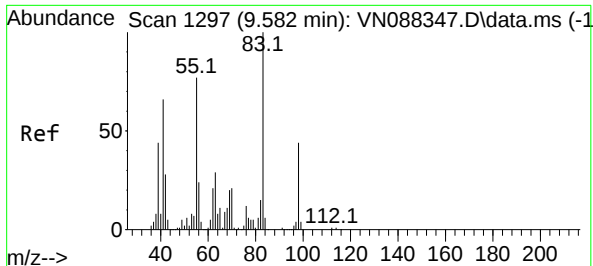
Tgt Ion: 43 Resp: 129007
Ion Ratio Lower Upper
43 100
61 11.9 9.5 14.3
70 9.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.287 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 117 Resp: 94912
Ion Ratio Lower Upper
117 100
119 93.7 78.2 117.4
121 32.0 23.4 35.2





#39

Methylcyclohexane

Concen: 17.120 ug/l

RT: 9.583 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN088373.D

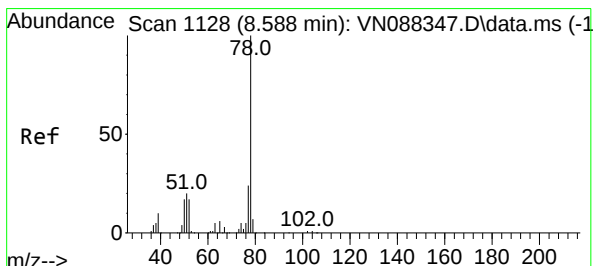
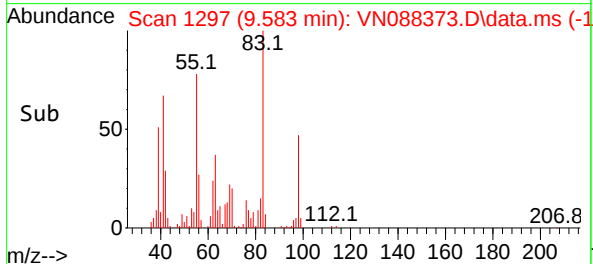
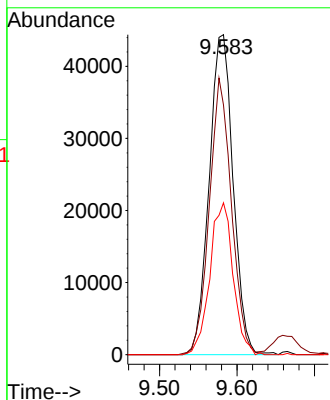
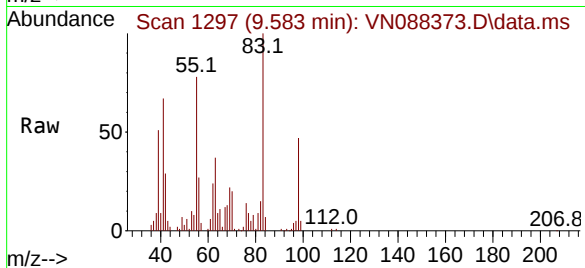
Acq: 01 Dec 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	83	Resp:	95473
Ion	Ratio	Lower	Upper
83	100		
55	78.1	61.6	92.4
98	47.4	35.3	52.9



#40

Benzene

Concen: 19.353 ug/l

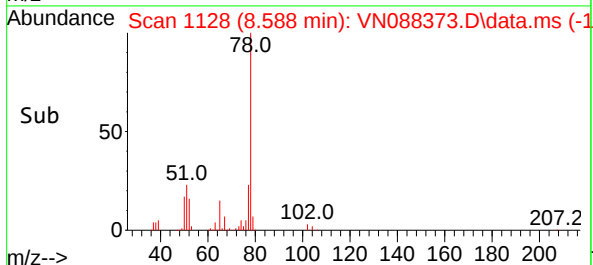
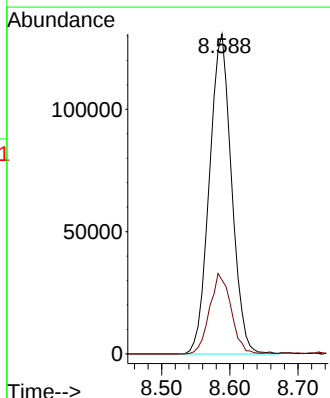
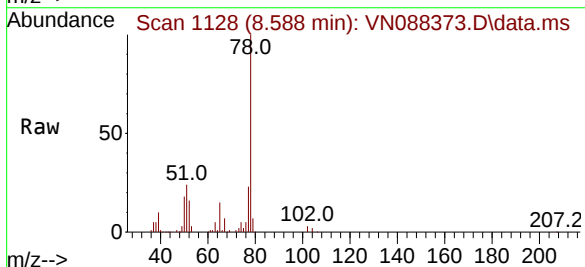
RT: 8.588 min Scan# 1128

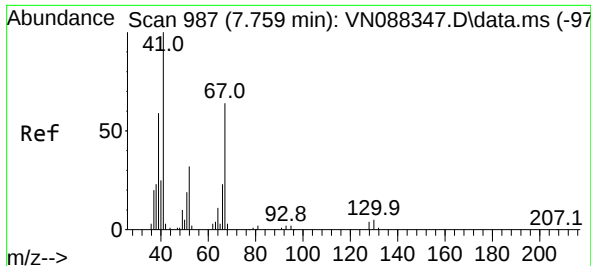
Delta R.T. 0.000 min

Lab File: VN088373.D

Acq: 01 Dec 2025 11:27

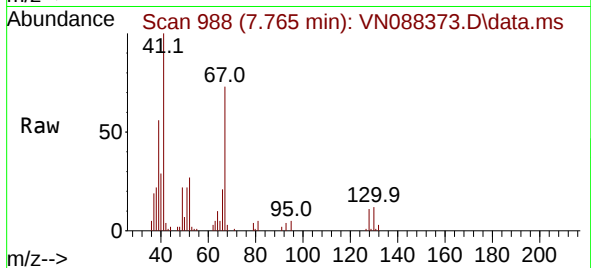
Tgt Ion:	78	Resp:	296136
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.4



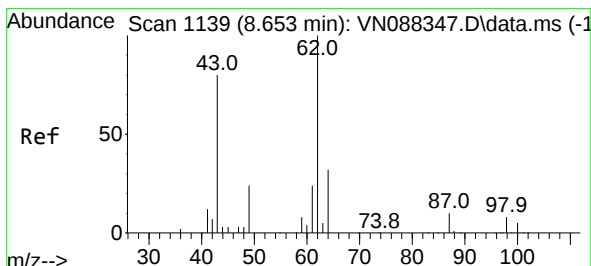
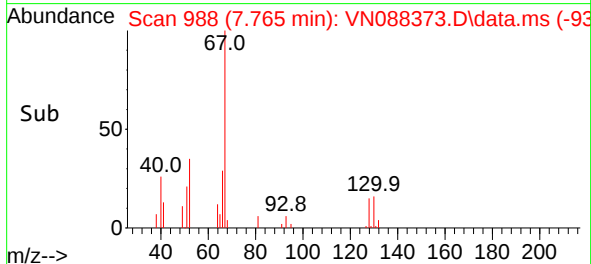
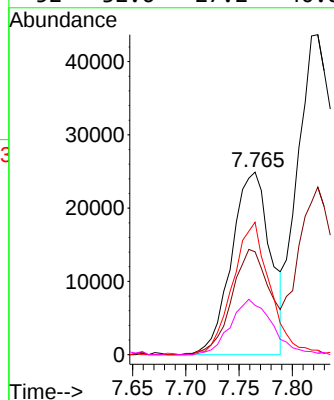


#41
Methacrylonitrile
Concen: 18.624 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Instrument :
MSVOA_N
ClientSampleId :

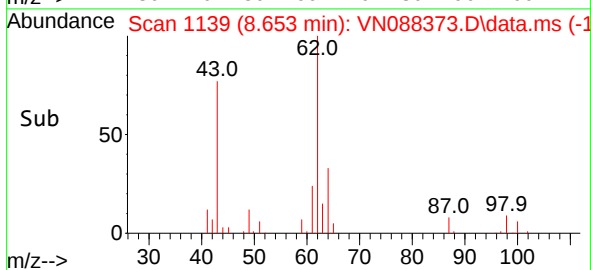
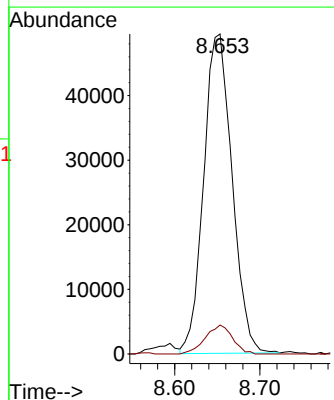
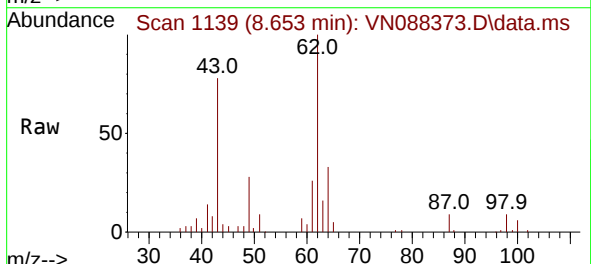


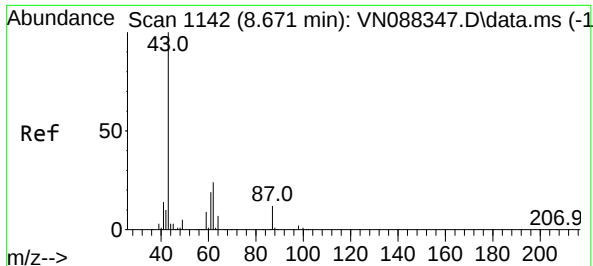
Tgt Ion:	41	Resp:	63234
Ion	Ratio	Lower	Upper
41	100		
39	57.1	46.3	69.5
67	70.5	54.7	82.1
52	32.6	27.2	40.8



#42
1,2-Dichloroethane
Concen: 19.607 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

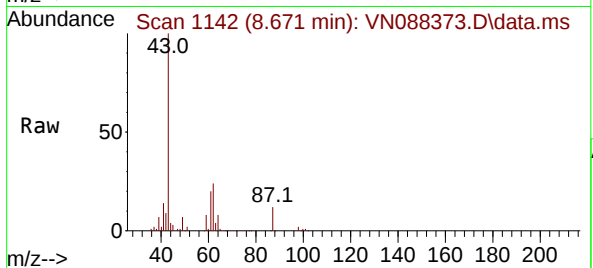
Tgt Ion:	62	Resp:	114468
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.2



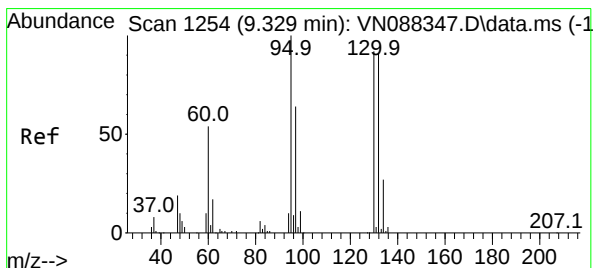
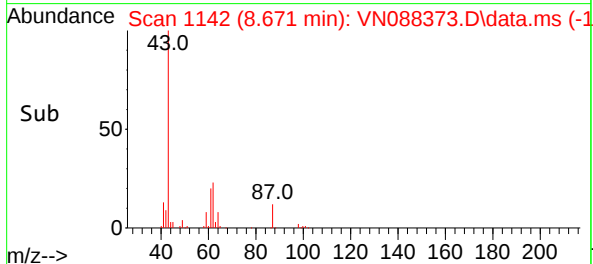
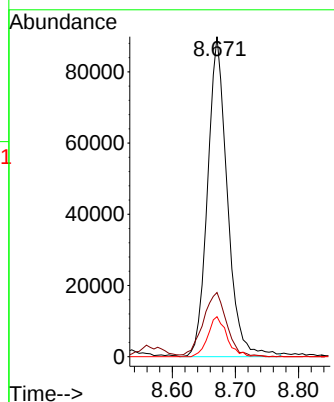


#43
Isopropyl Acetate
Concen: 18.624 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Instrument :
MSVOA_N
ClientSampleId :

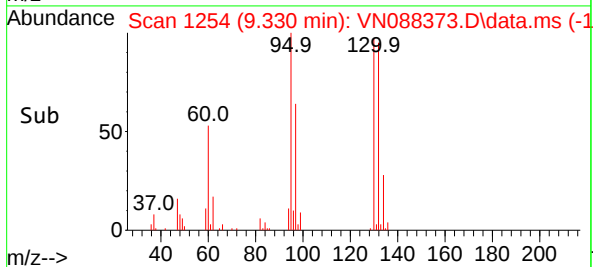
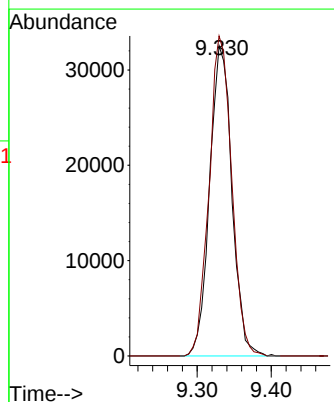
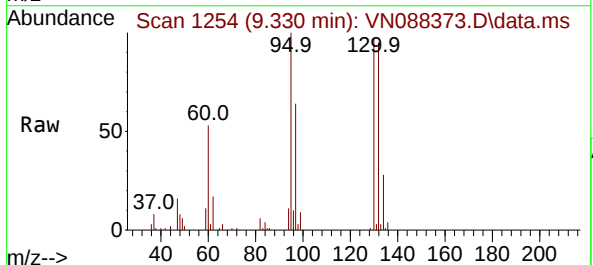


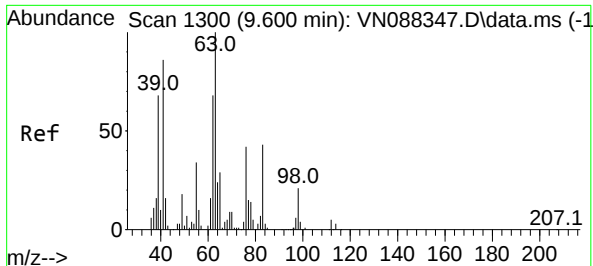
Tgt Ion: 43 Resp: 195071
Ion Ratio Lower Upper
43 100
61 24.1 18.7 28.1
87 12.1 9.1 13.7



#44
Trichloroethene
Concen: 18.759 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion:130 Resp: 67826
Ion Ratio Lower Upper
130 100
95 103.1 0.0 217.0





#45

1,2-Dichloropropane

Concen: 19.837 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088373.D

Acq: 01 Dec 2025 11:27

Instrument :

MSVOA_N

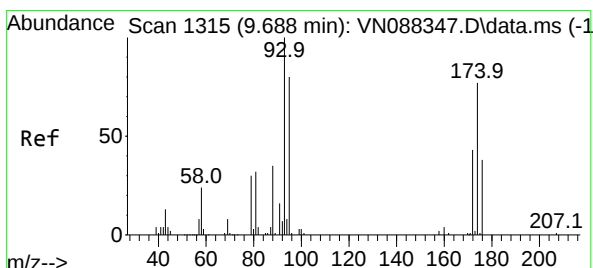
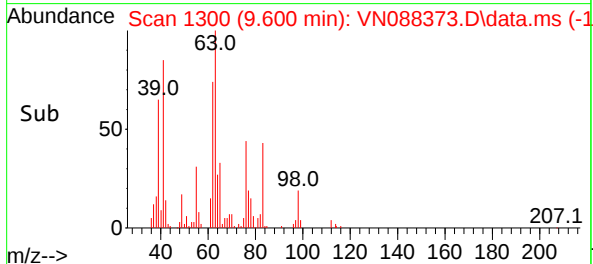
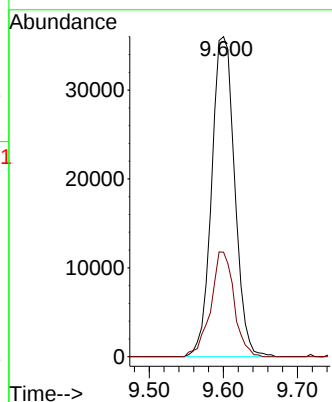
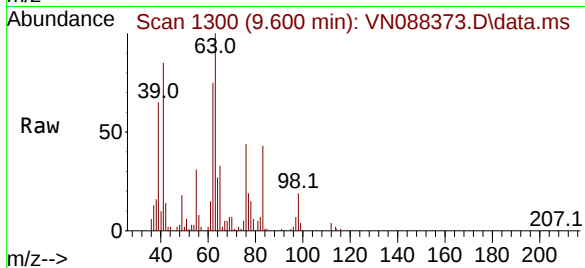
ClientSampleId :

Tgt Ion: 63 Resp: 77770

Ion Ratio Lower Upper

63 100

65 32.6 23.0 34.4



#46

Dibromomethane

Concen: 19.747 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088373.D

Acq: 01 Dec 2025 11:27

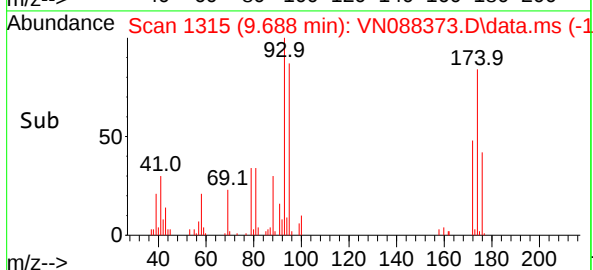
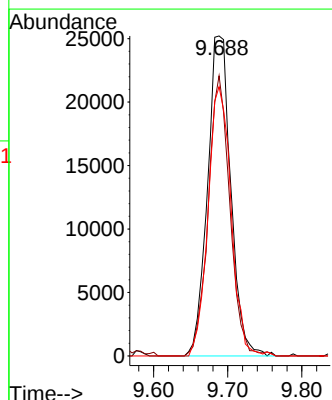
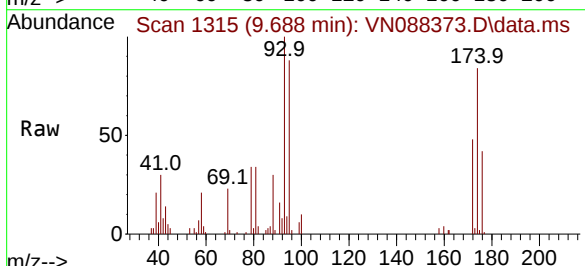
Tgt Ion: 93 Resp: 55251

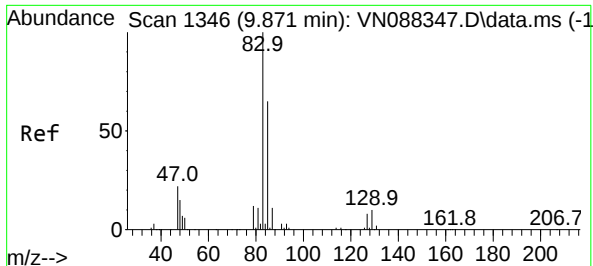
Ion Ratio Lower Upper

93 100

95 81.3 65.8 98.6

174 83.0 64.3 96.5

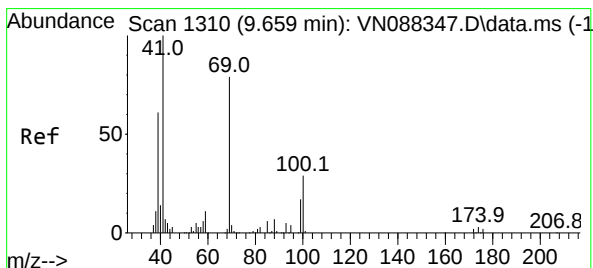
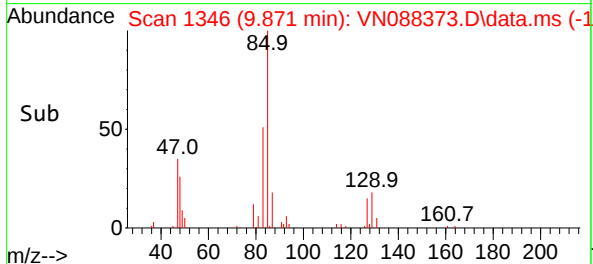
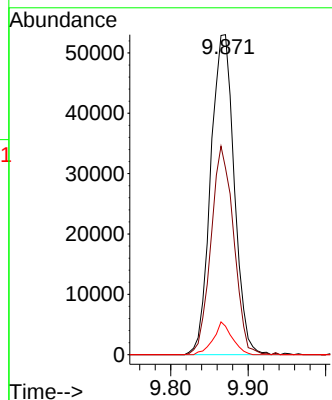
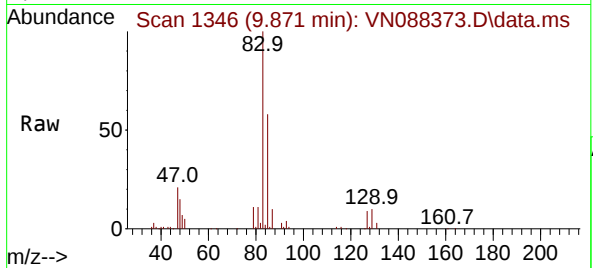




#47
Bromodichloromethane
Concen: 19.540 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

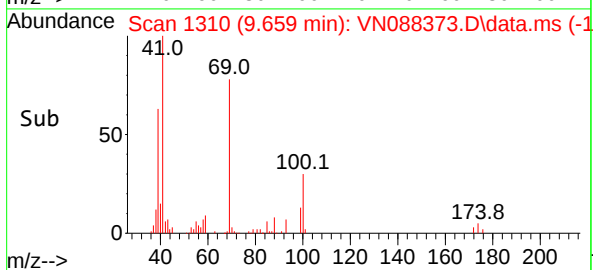
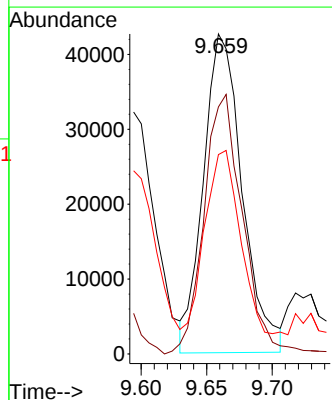
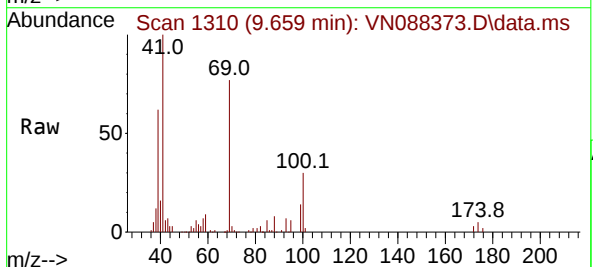
Instrument :
MSVOA_N
ClientSampleId :

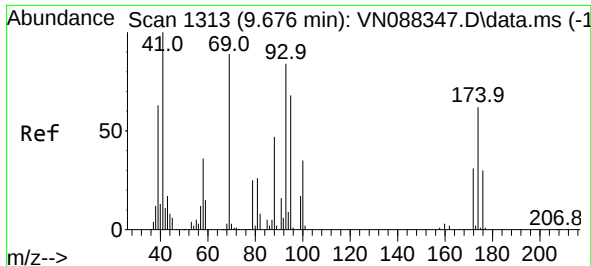
Tgt Ion: 83 Resp: 111551
Ion Ratio Lower Upper
83 100
85 58.4 51.9 77.9
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 18.357 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 41 Resp: 87729
Ion Ratio Lower Upper
41 100
69 81.2 62.4 93.6
39 63.4 52.6 79.0





#49

1,4-Dioxane

Concen: 355.324 ug/l

RT: 9.683 min Scan# 1

Delta R.T. 0.006 min

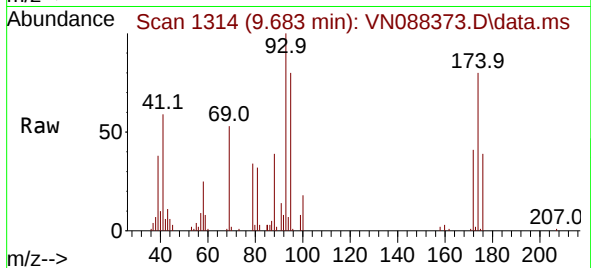
Lab File: VN088373.D

Acq: 01 Dec 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :



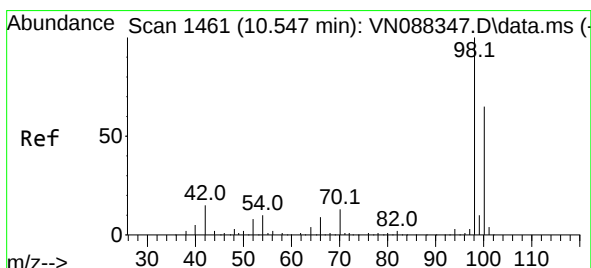
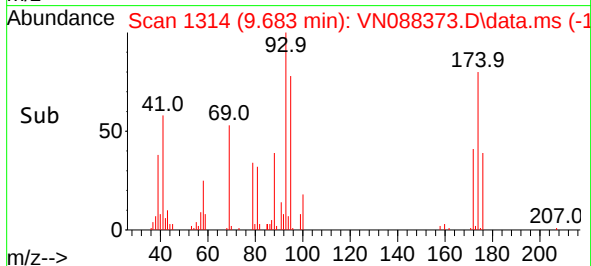
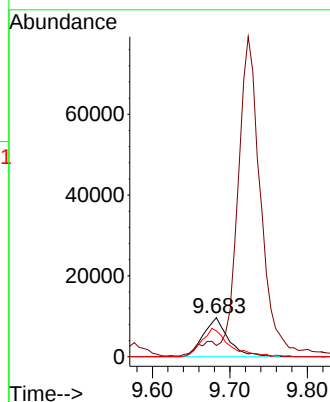
Tgt Ion: 88 Resp: 21595

Ion Ratio Lower Upper

88 100

43 29.0 0.0 0.0#

58 78.4 62.0 93.0



#50

Toluene-d8

Concen: 54.922 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088373.D

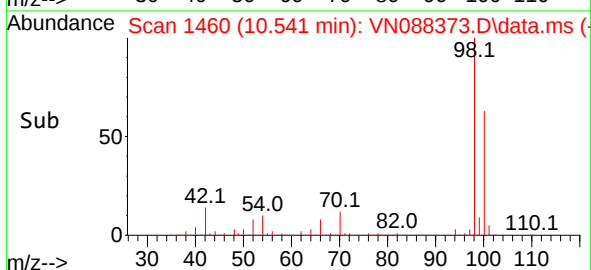
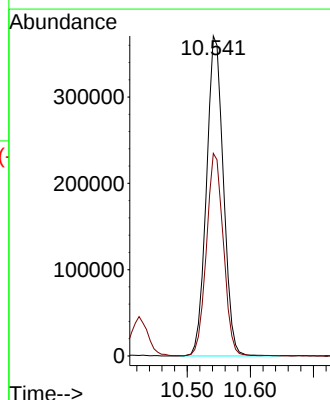
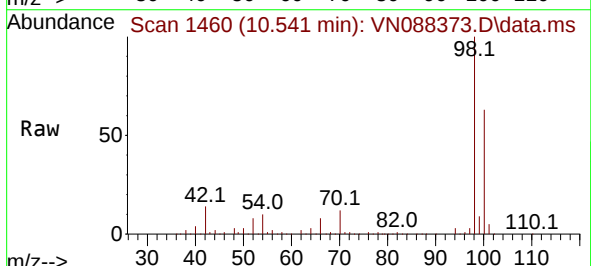
Acq: 01 Dec 2025 11:27

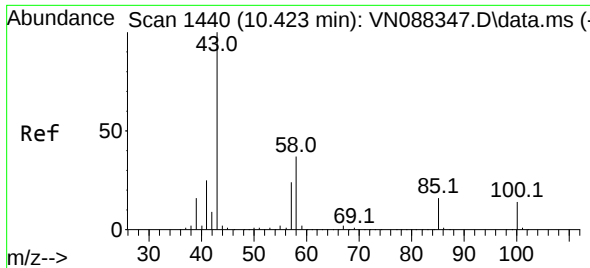
Tgt Ion: 98 Resp: 690335

Ion Ratio Lower Upper

98 100

100 63.1 52.2 78.2

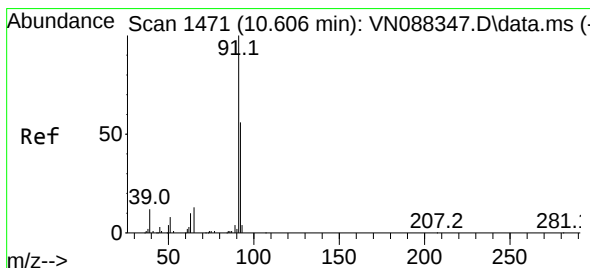
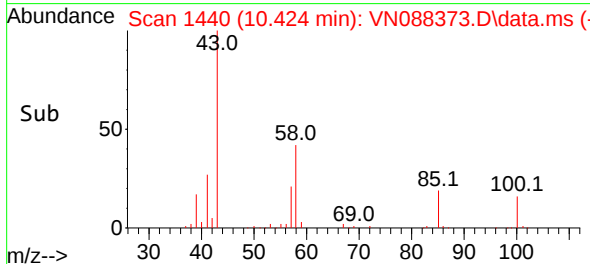
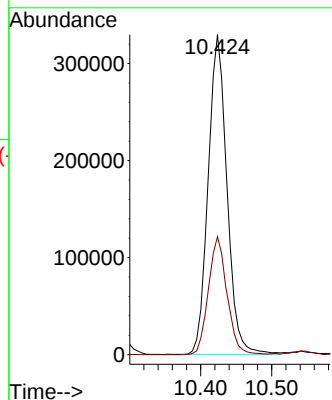
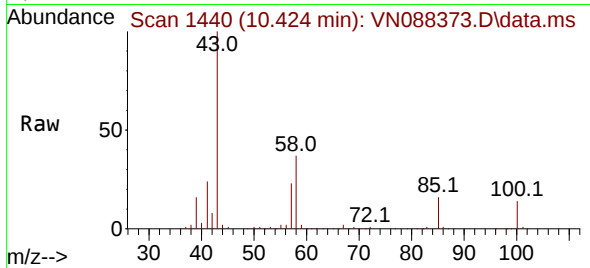




#51
4-Methyl-2-Pentanone
Concen: 98.320 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

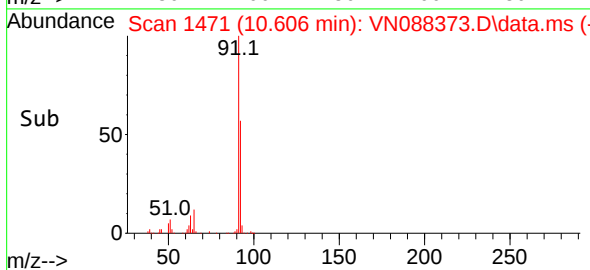
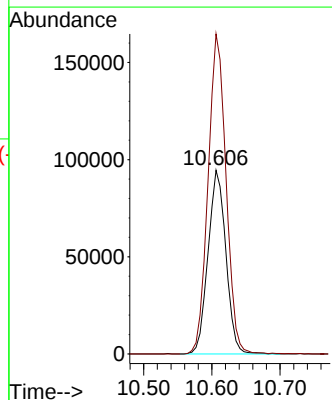
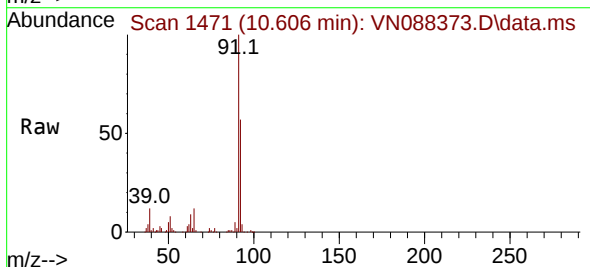
Instrument :
MSVOA_N
ClientSampleId :

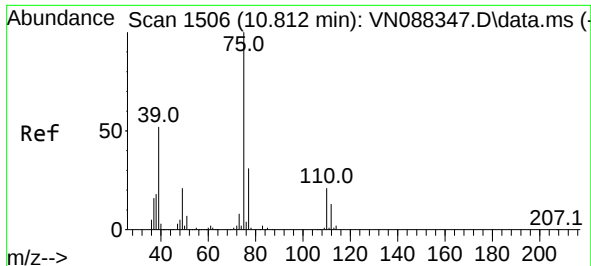
Tgt Ion: 43 Resp: 606997
Ion Ratio Lower Upper
43 100
58 36.5 29.1 43.7



#52
Toluene
Concen: 19.503 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 92 Resp: 172323
Ion Ratio Lower Upper
92 100
91 176.0 140.2 210.2

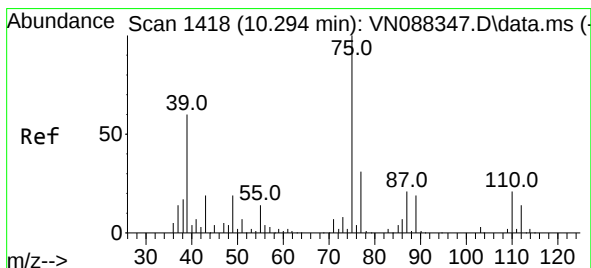
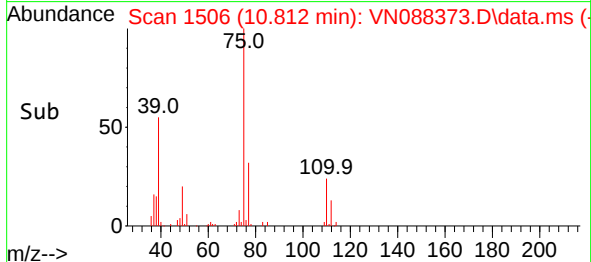
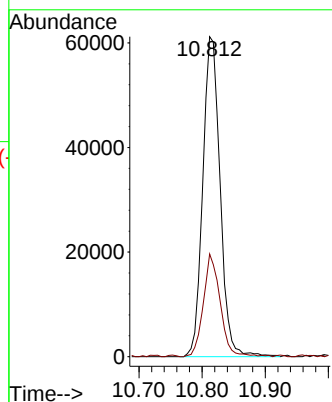
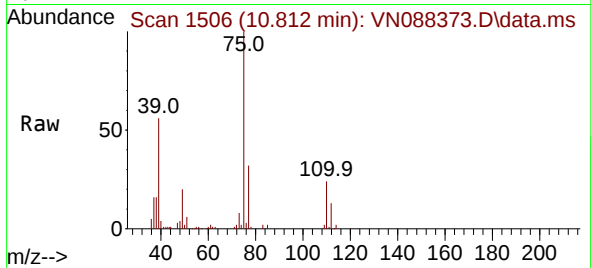




#53
t-1,3-Dichloropropene
Concen: 19.908 ug/l
RT: 10.812 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

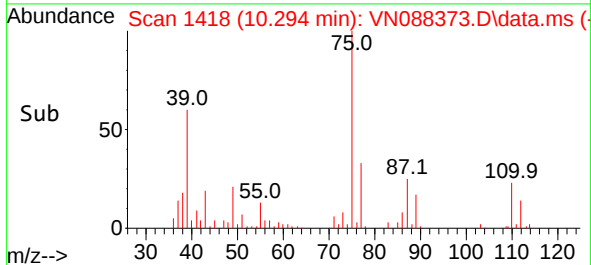
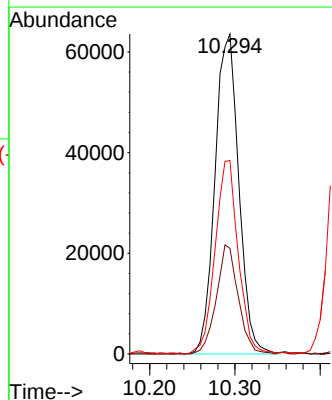
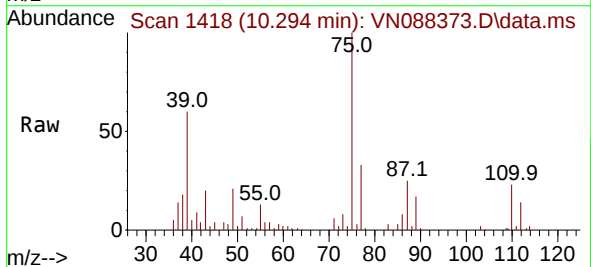
Instrument :
MSVOA_N
ClientSampleId :

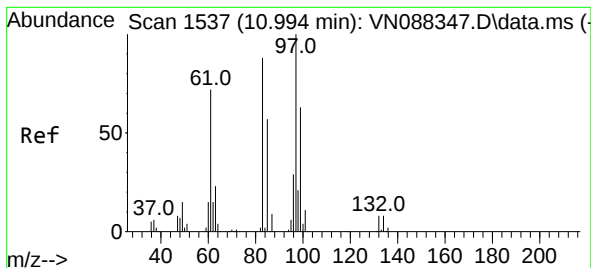
Tgt Ion: 75 Resp: 116655
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 20.070 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 75 Resp: 123675
Ion Ratio Lower Upper
75 100
77 32.6 24.5 36.7
39 60.5 48.3 72.5

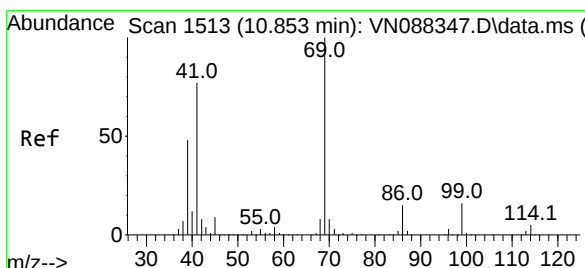
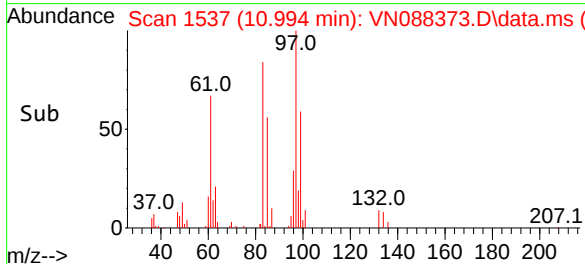
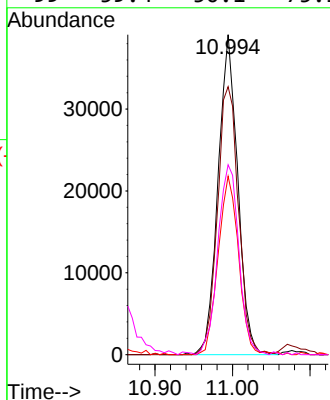
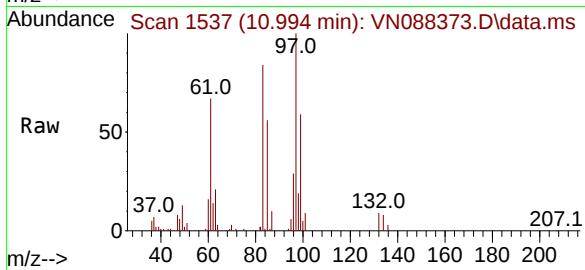




#55
1,1,2-Trichloroethane
Concen: 20.166 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

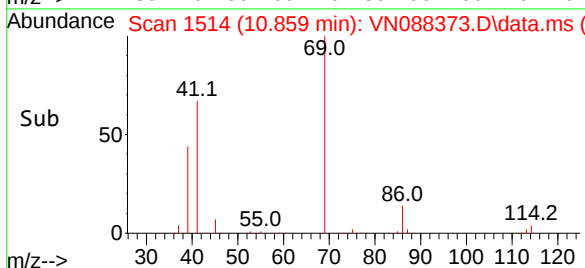
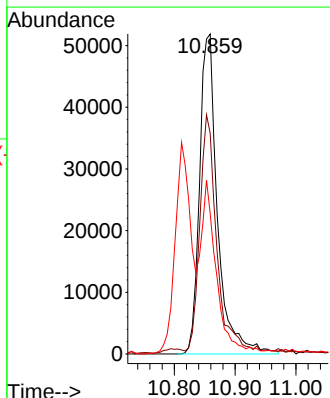
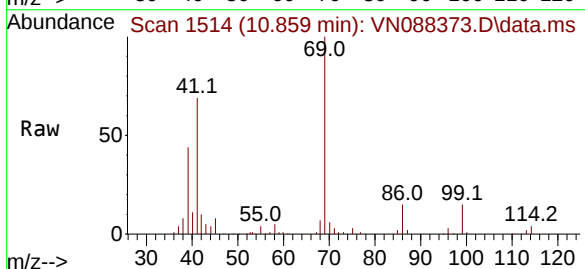
Instrument :
MSVOA_N
ClientSampleId :

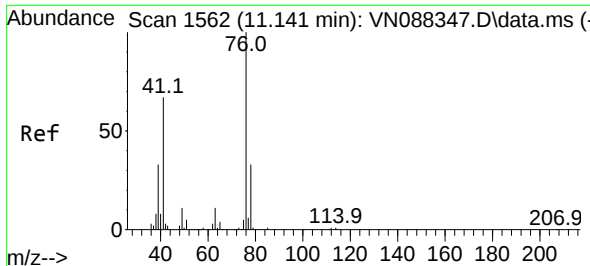
Tgt Ion: 97	Resp: 68939
Ion Ratio	Lower Upper
97 100	
83 83.8	70.4 105.6
85 55.7	45.4 68.2
99 59.4	50.1 75.1



#56
Ethyl methacrylate
Concen: 19.749 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 69	Resp: 106640
Ion Ratio	Lower Upper
69 100	
41 69.3	59.6 89.4
39 45.1	36.4 54.6





#57

1,3-Dichloropropane

Concen: 19.810 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN088373.D

Acq: 01 Dec 2025 11:27

Instrument :

MSVOA_N

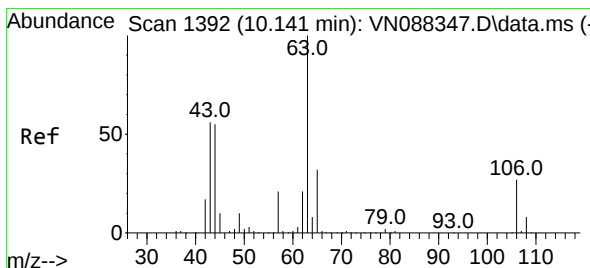
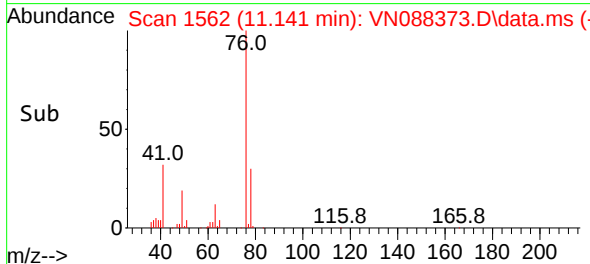
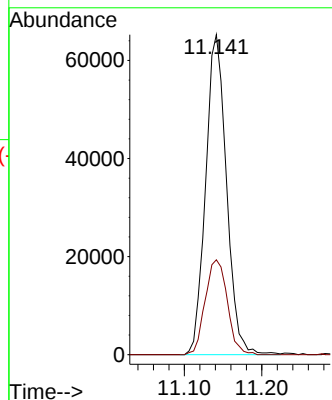
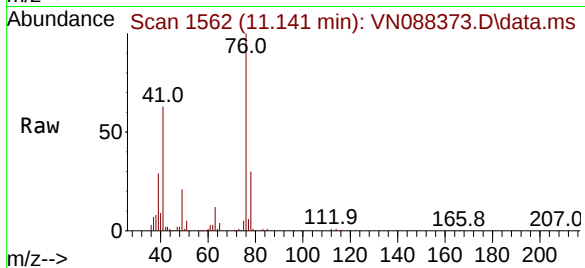
ClientSampleId :

Tgt Ion: 76 Resp: 122169

Ion Ratio Lower Upper

76 100

78 31.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 89.610 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088373.D

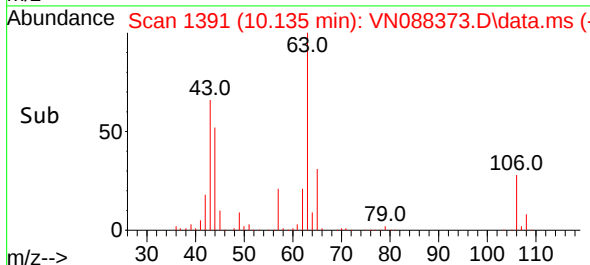
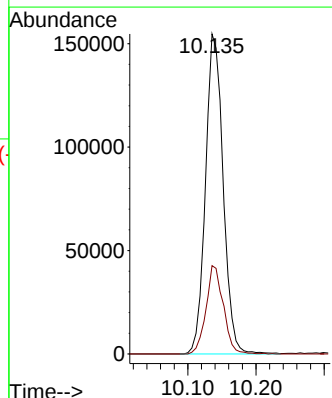
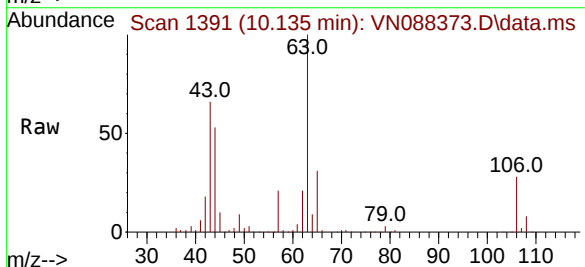
Acq: 01 Dec 2025 11:27

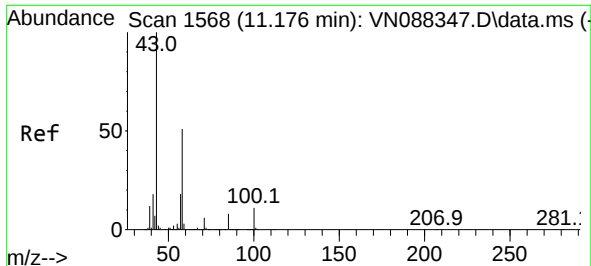
Tgt Ion: 63 Resp: 278967

Ion Ratio Lower Upper

63 100

106 27.0 20.5 30.7

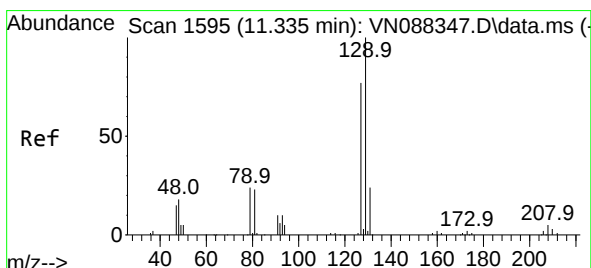
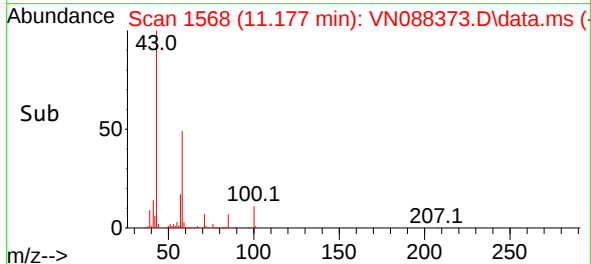
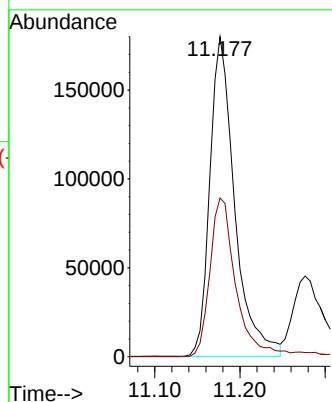
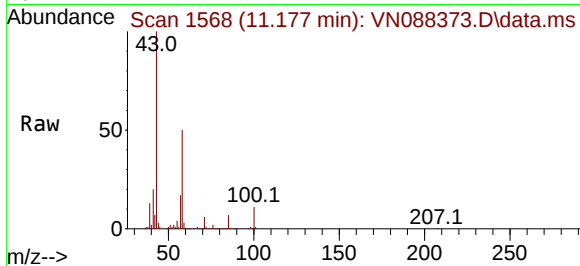




#59
2-Hexanone
Concen: 93.479 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

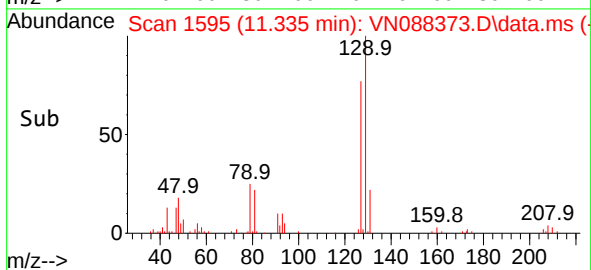
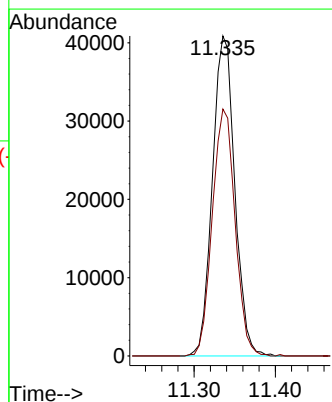
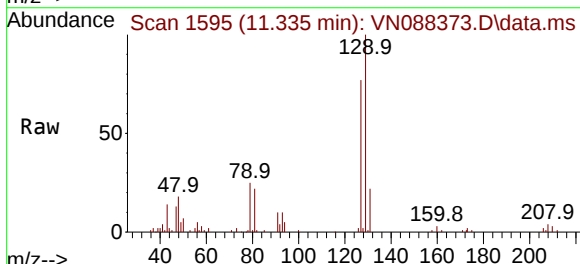
Instrument :
MSVOA_N
ClientSampleId :

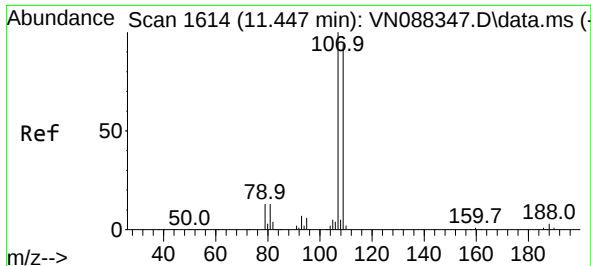
Tgt Ion: 43 Resp: 363554
Ion Ratio Lower Upper
43 100
58 51.9 25.3 75.9



#60
Dibromochloromethane
Concen: 20.054 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 129 Resp: 78151
Ion Ratio Lower Upper
129 100
127 78.7 38.2 114.6

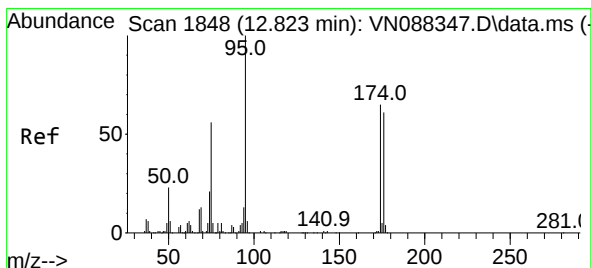
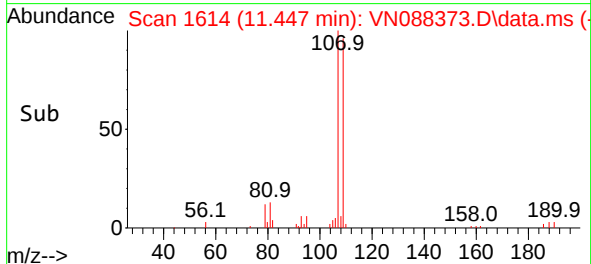
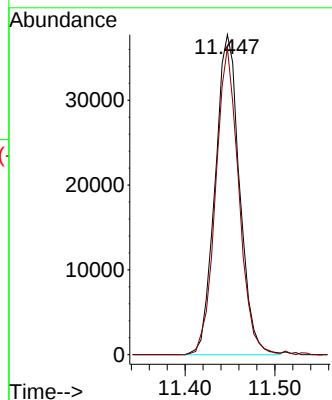
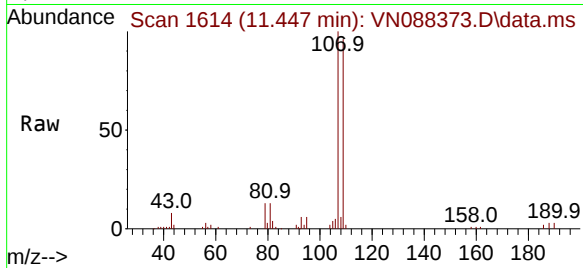




#61
1,2-Dibromoethane
Concen: 20.583 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

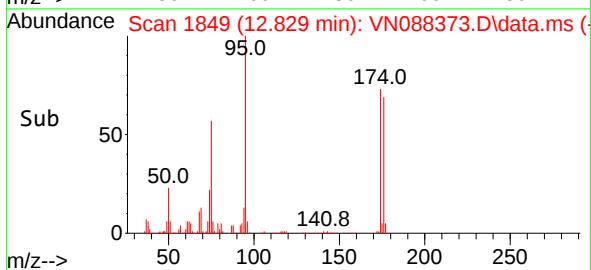
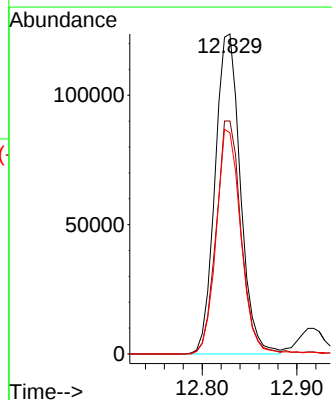
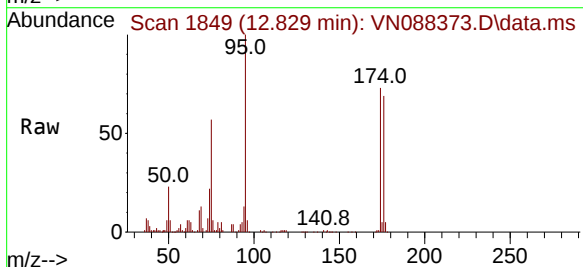
Instrument :
MSVOA_N
ClientSampleId :

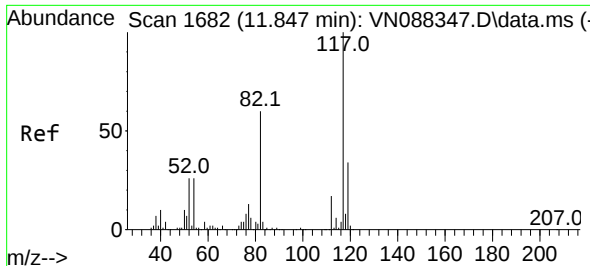
Tgt Ion:107 Resp: 71254
Ion Ratio Lower Upper
107 100
109 91.1 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 53.334 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 95 Resp: 230018
Ion Ratio Lower Upper
95 100
174 72.1 0.0 139.0
176 68.8 0.0 132.4

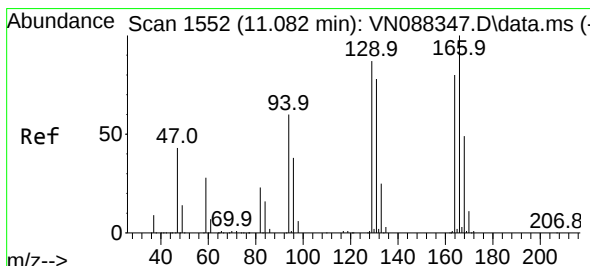
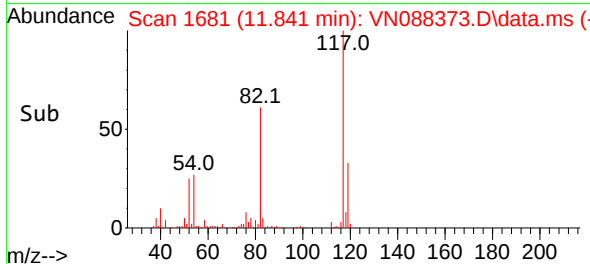
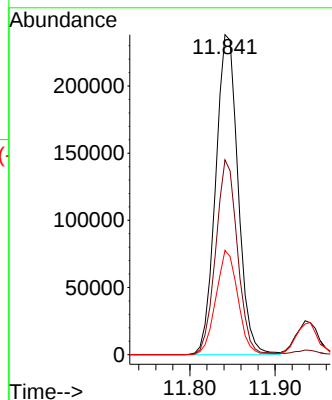
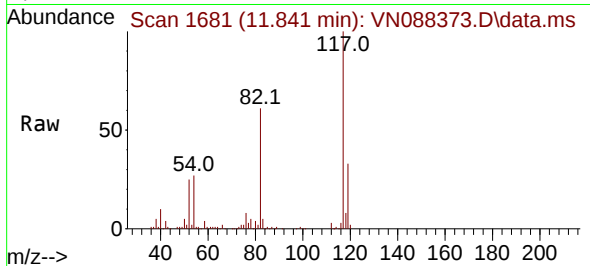




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

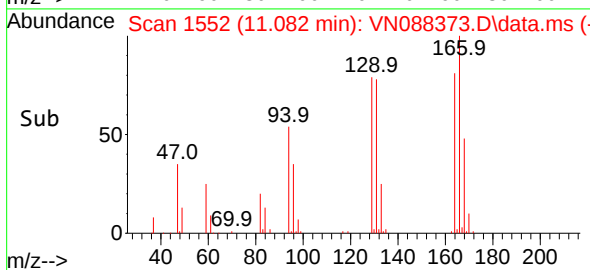
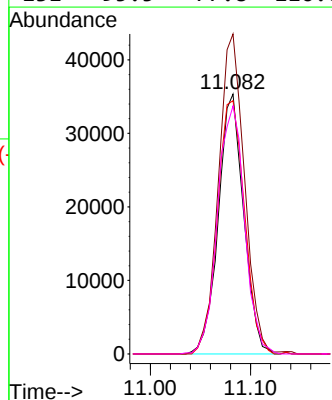
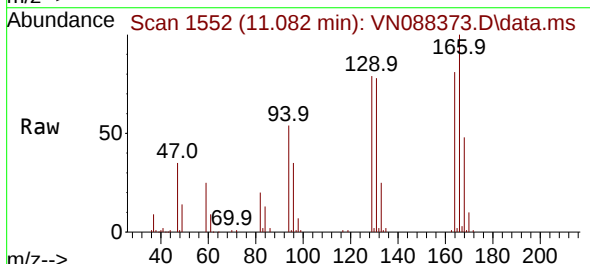
Instrument :
MSVOA_N
ClientSampleId :

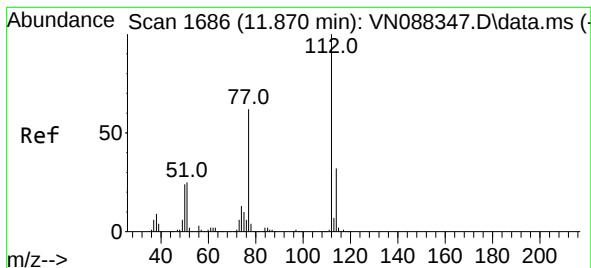
Tgt Ion:117 Resp: 435019
Ion Ratio Lower Upper
117 100
82 60.9 47.8 71.8
119 32.6 26.9 40.3



#64
Tetrachloroethene
Concen: 17.907 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion:164 Resp: 61757
Ion Ratio Lower Upper
164 100
166 123.2 99.6 149.4
129 97.5 86.6 129.8
131 95.5 77.8 116.6





#65

Chlorobenzene

Concen: 19.458 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN088373.D

Acq: 01 Dec 2025 11:27

Instrument :

MSVOA_N

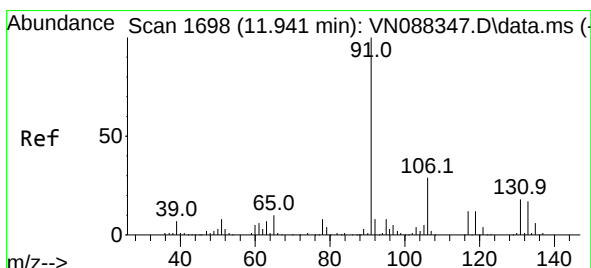
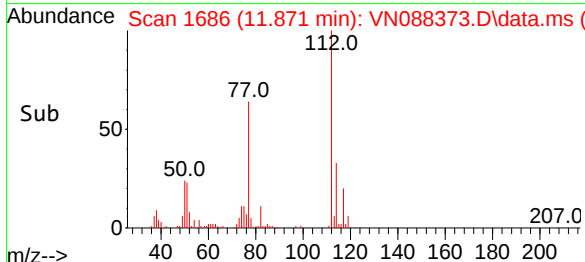
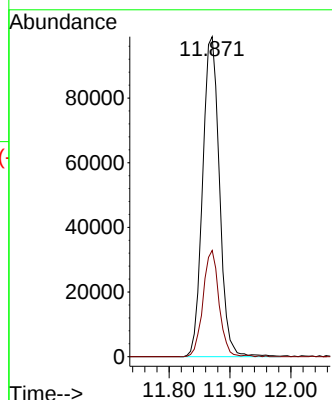
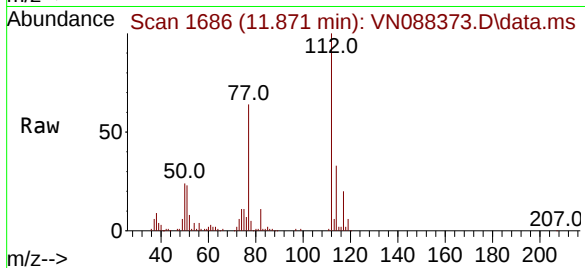
ClientSampleId :

Tgt Ion:112 Resp: 190129

Ion Ratio Lower Upper

112 100

114 33.2 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 20.020 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN088373.D

Acq: 01 Dec 2025 11:27

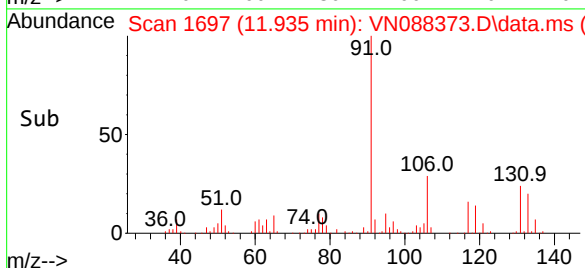
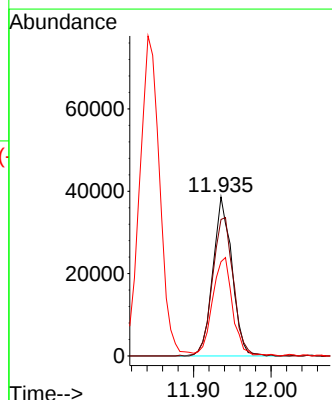
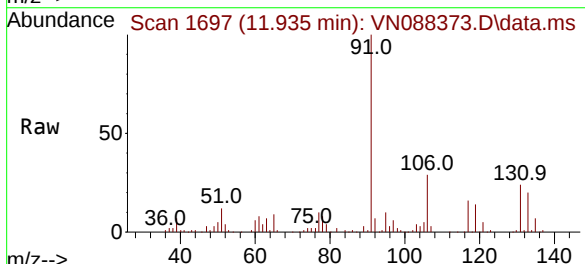
Tgt Ion:131 Resp: 65977

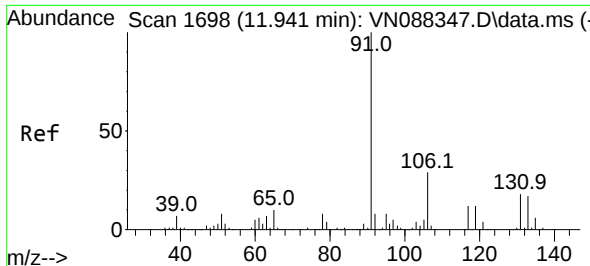
Ion Ratio Lower Upper

131 100

133 95.3 47.4 142.2

119 62.8 33.4 100.1

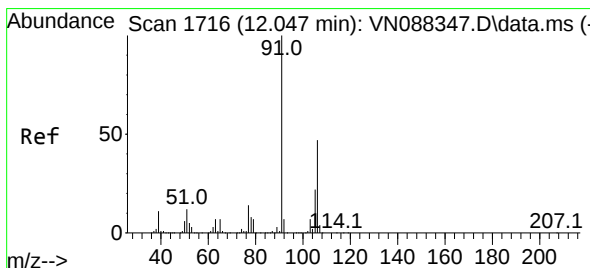
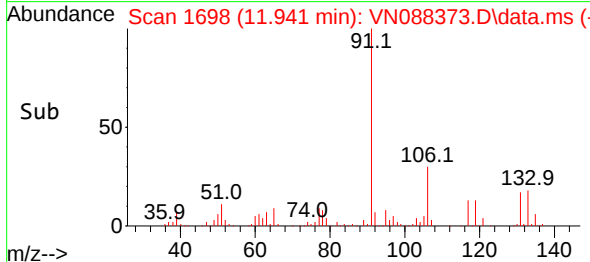
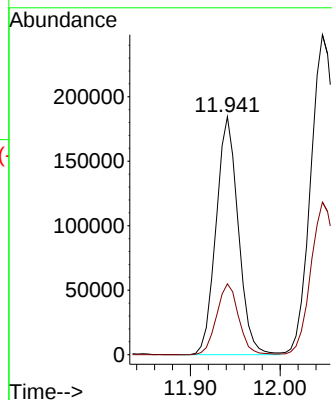
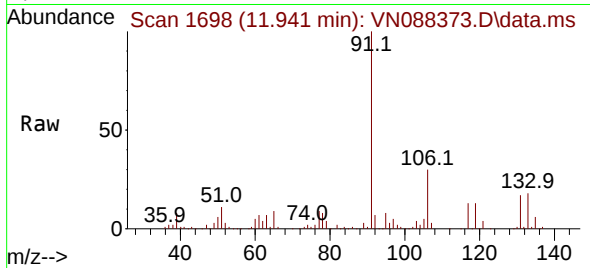




#67
Ethyl Benzene
Concen: 18.553 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

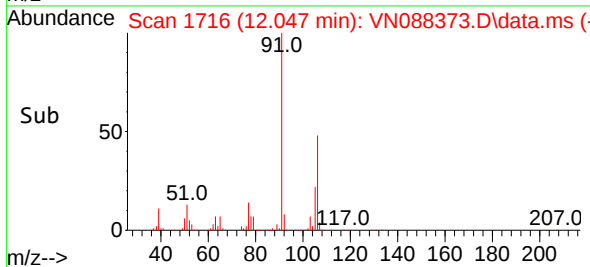
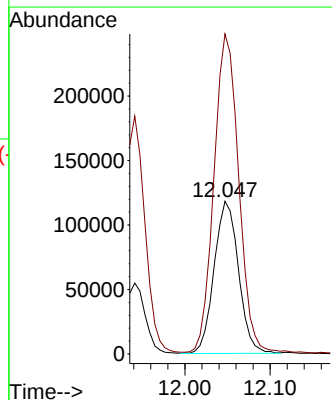
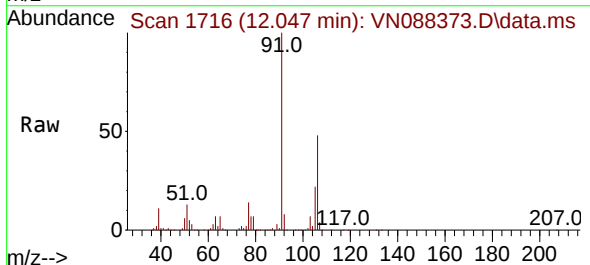
Instrument :
MSVOA_N
ClientSampleId :

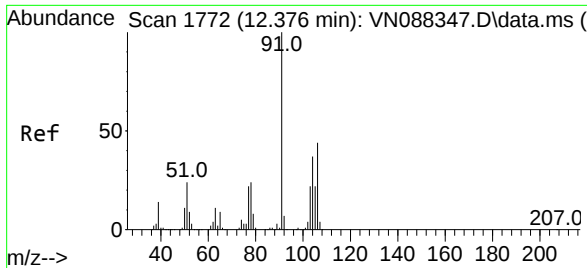
Tgt Ion: 91 Resp: 316848
Ion Ratio Lower Upper
91 100
106 29.8 23.6 35.4



#68
m/p-Xylenes
Concen: 37.005 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 106 Resp: 234320
Ion Ratio Lower Upper
106 100
91 214.2 167.8 251.6

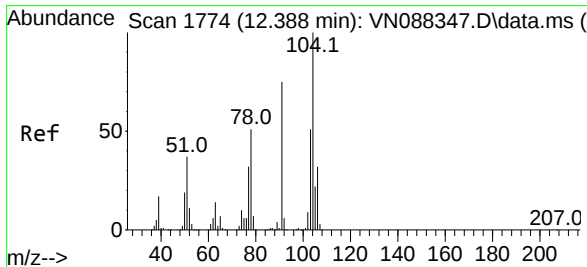
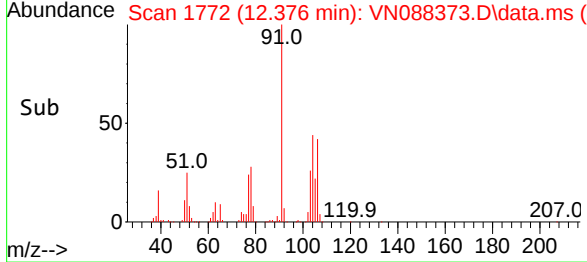
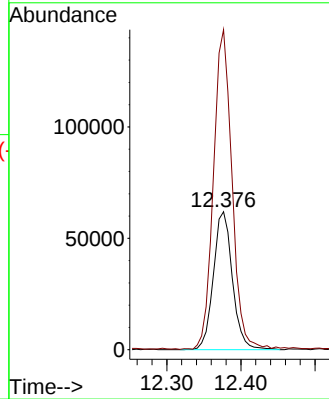
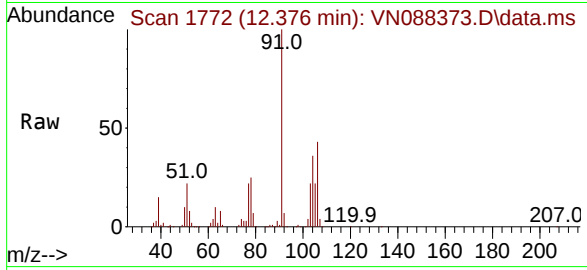




#69
o-Xylene
Concen: 18.307 ug/l
RT: 12.376 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

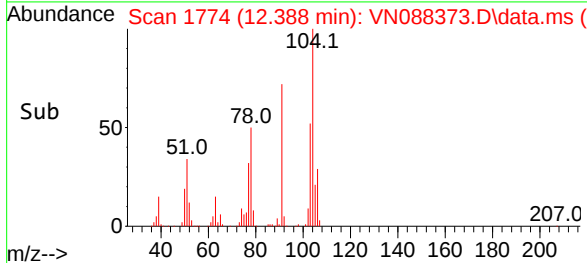
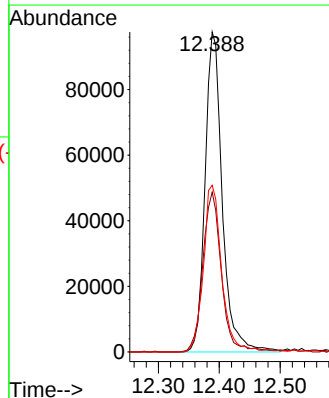
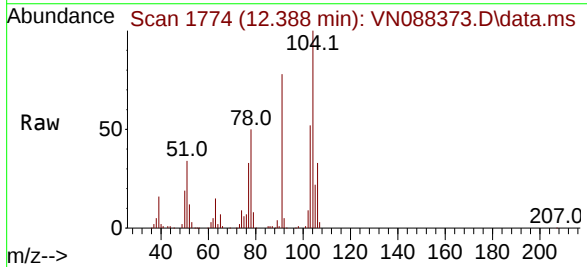
Instrument :
MSVOA_N
ClientSampleId :

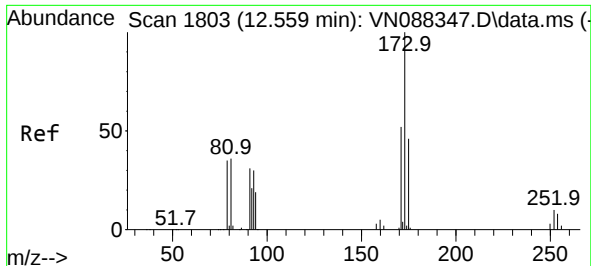
Tgt Ion:106 Resp: 110515
Ion Ratio Lower Upper
106 100
91 226.2 112.9 338.7



#70
Styrene
Concen: 19.577 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

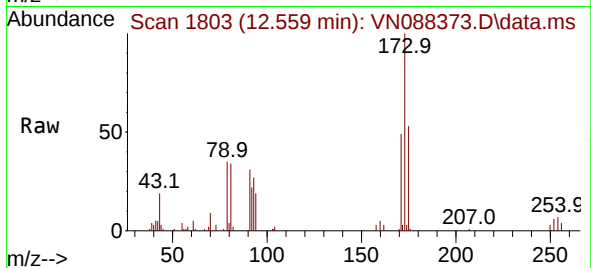
Tgt Ion:104 Resp: 191890
Ion Ratio Lower Upper
104 100
78 53.9 44.3 66.5
103 55.1 44.2 66.4



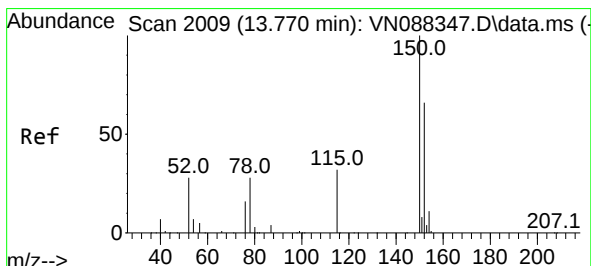
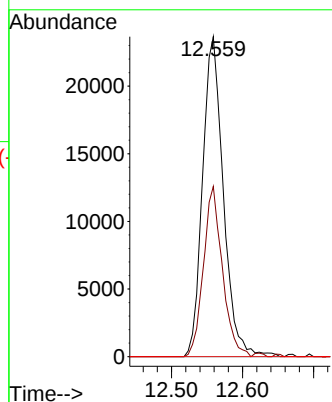
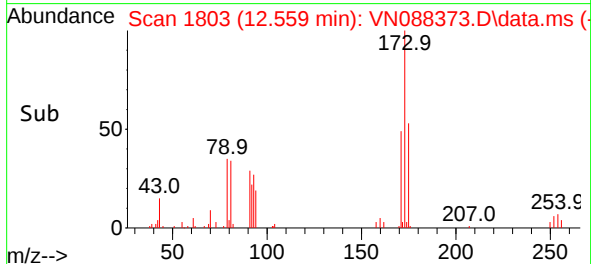


#71
Bromoform
Concen: 19.963 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

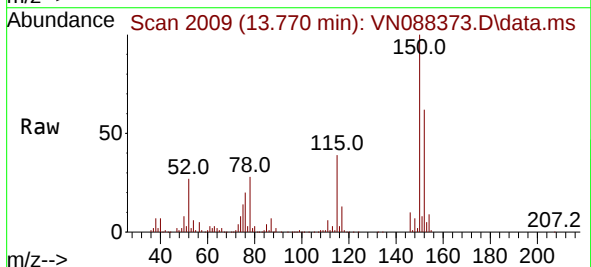
Instrument :
MSVOA_N
ClientSampleId :



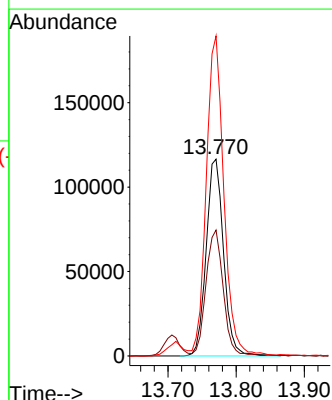
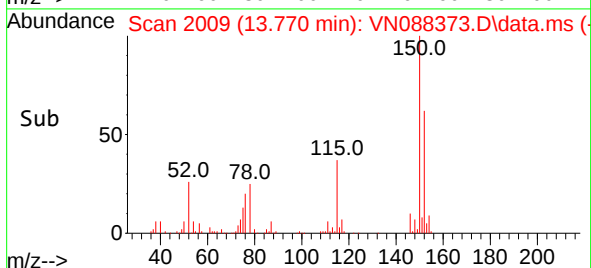
Tgt Ion:173 Resp: 48189
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.8
254 0.0 0.1 0.1#

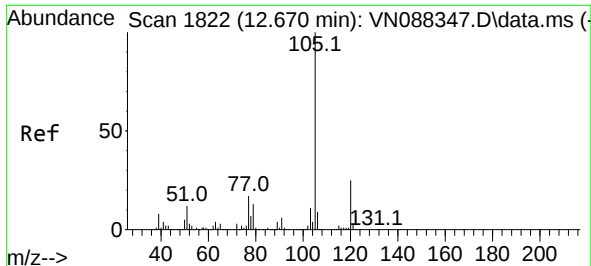


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27



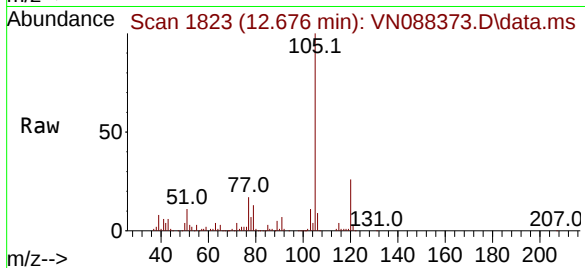
Tgt Ion:152 Resp: 207303
Ion Ratio Lower Upper
152 100
115 62.7 33.0 98.9
150 162.9 0.0 349.0



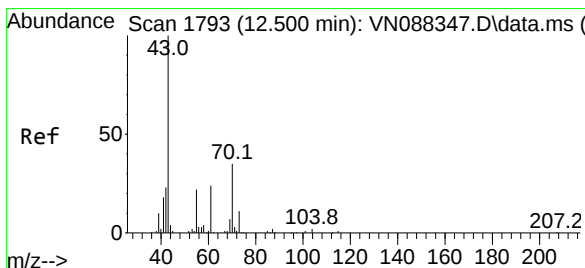
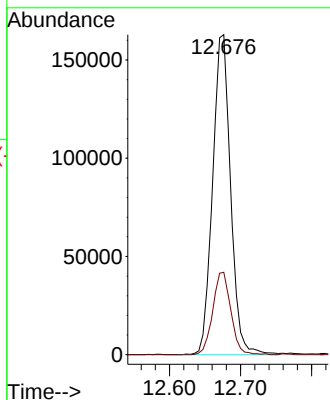
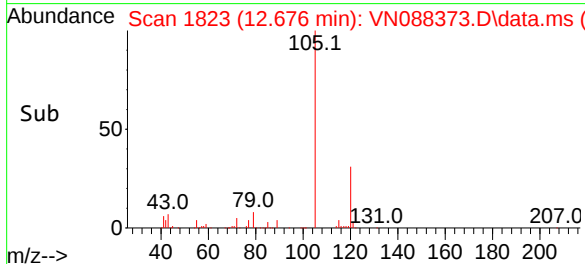


#73
Isopropylbenzene
Concen: 18.632 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

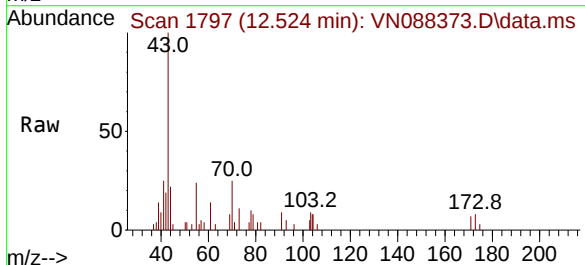
Instrument :
MSVOA_N
ClientSampleId :



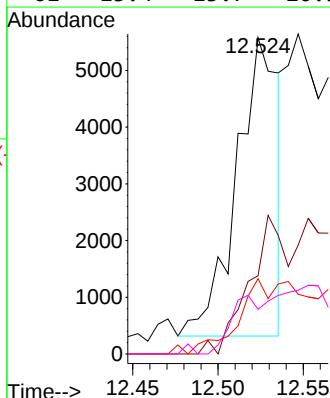
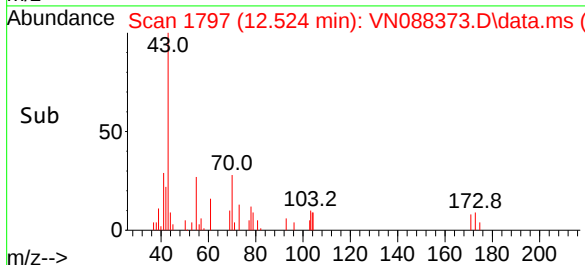
Tgt Ion:105 Resp: 285585
Ion Ratio Lower Upper
105 100
120 25.9 12.8 38.3

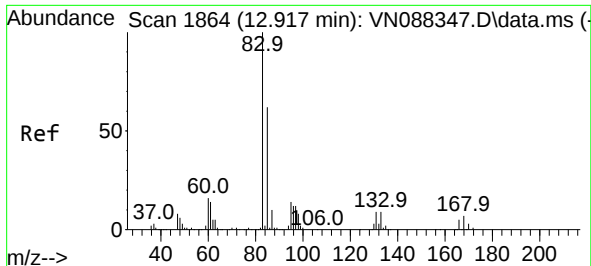


#74
N-ethyl acetate
Concen: 1.708 ug/l
RT: 12.524 min Scan# 1797
Delta R.T. 0.024 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27



Tgt Ion: 43 Resp: 8917
Ion Ratio Lower Upper
43 100
70 40.8 28.3 42.5
55 19.6 17.7 26.5
61 13.4 13.7 20.5#

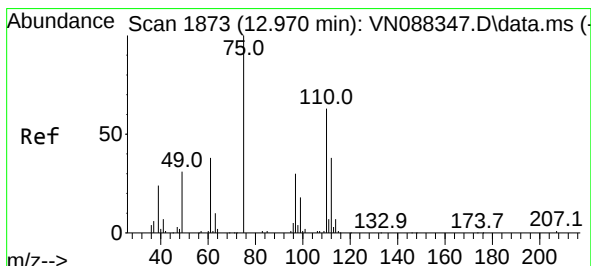
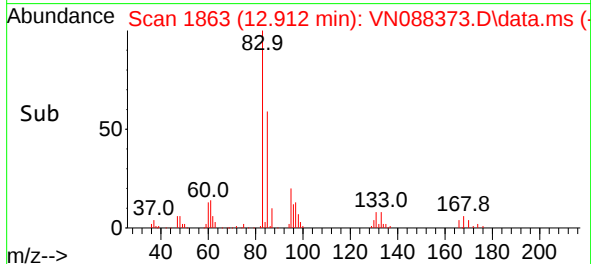
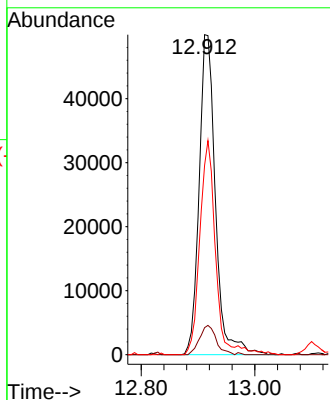
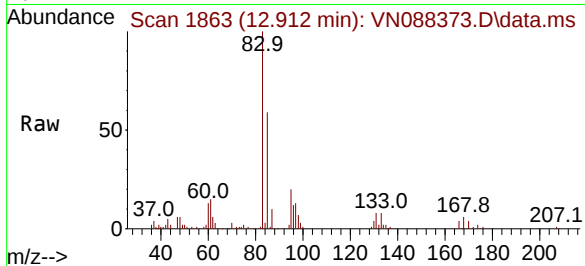




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.065 ug/l
 RT: 12.912 min Scan# 1863
 Delta R.T. -0.006 min
 Lab File: VN088373.D
 Acq: 01 Dec 2025 11:27

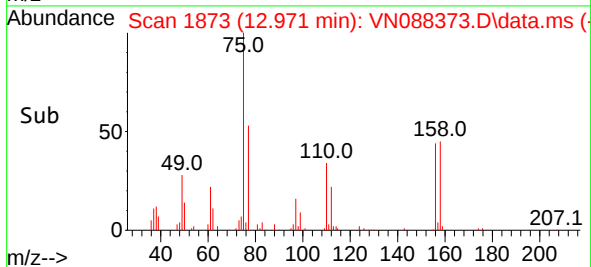
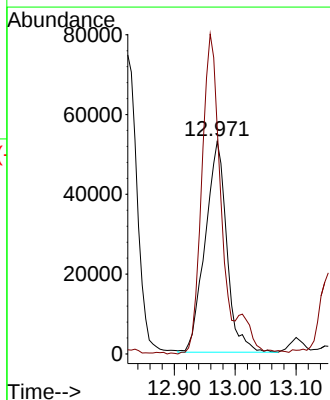
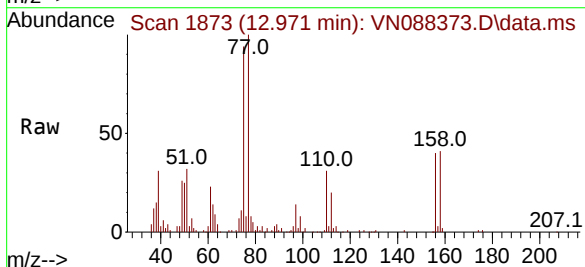
Instrument :
 MSVOA_N
 ClientSampleId :

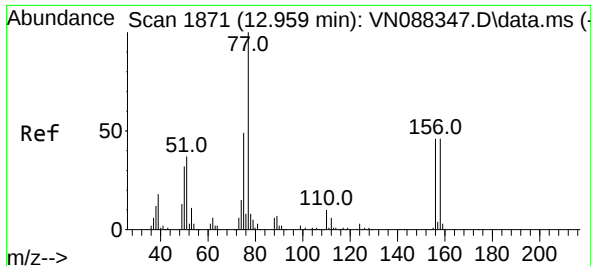
Tgt Ion: 83 Resp: 99427
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.8 14.4
 85 62.0 32.1 96.5



#76
 1,2,3-Trichloropropane
 Concen: 26.868 ug/l
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN088373.D
 Acq: 01 Dec 2025 11:27

Tgt Ion: 75 Resp: 130453
 Ion Ratio Lower Upper
 75 100
 77 129.3 87.2 261.6

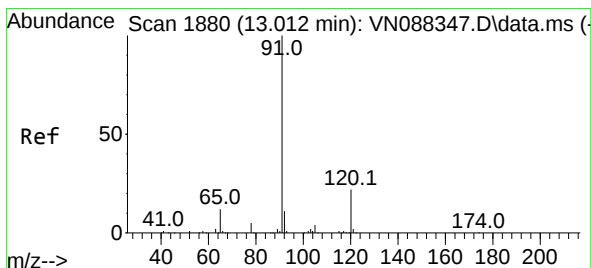
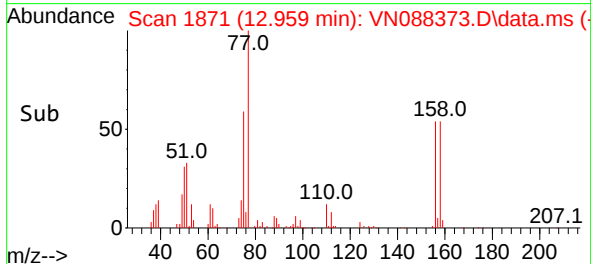
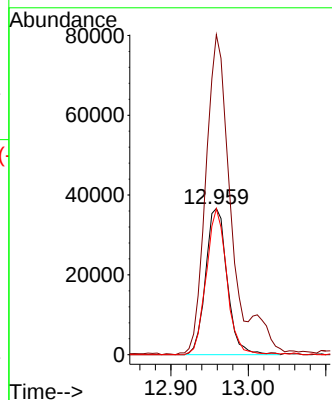
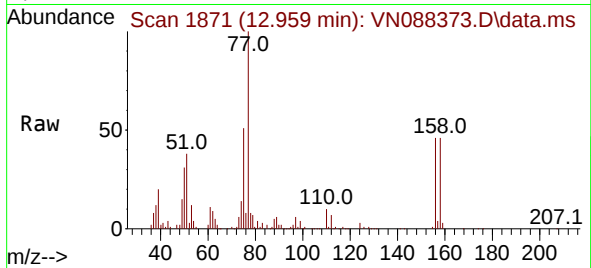




#77
Bromobenzene
Concen: 20.205 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

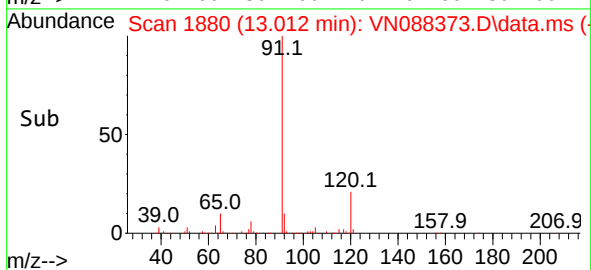
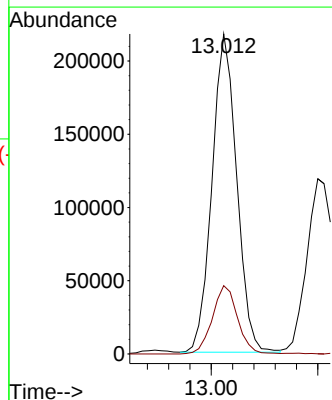
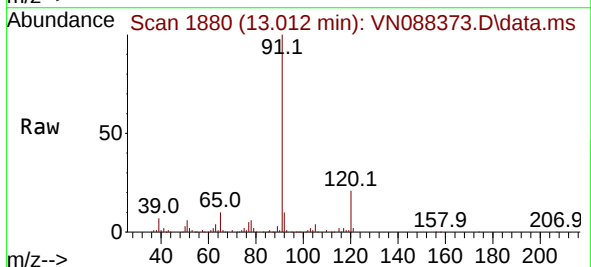
Instrument :
MSVOA_N
ClientSampleId :

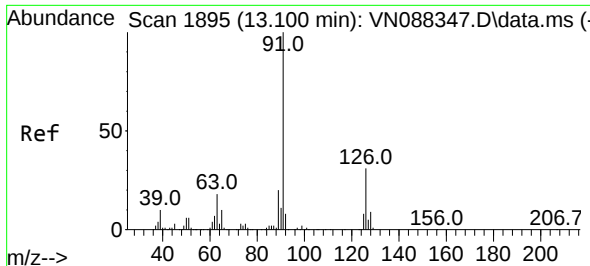
Tgt Ion:156 Resp: 70858
Ion Ratio Lower Upper
156 100
77 238.0 121.6 364.7
158 95.0 48.6 145.8



#78
n-propylbenzene
Concen: 18.625 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 91 Resp: 349255
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.6

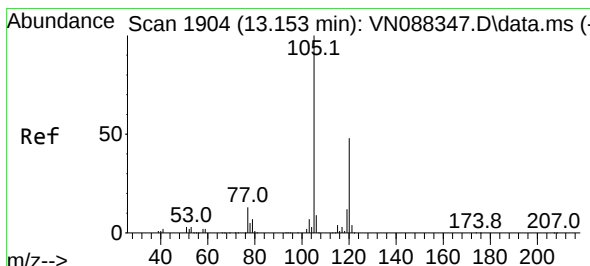
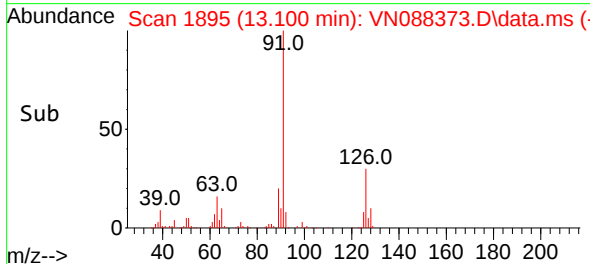
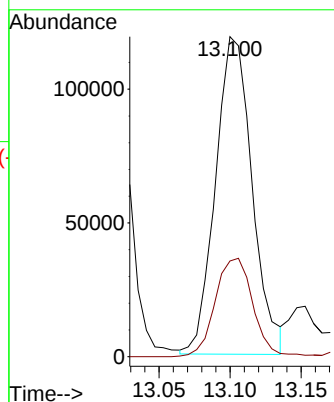
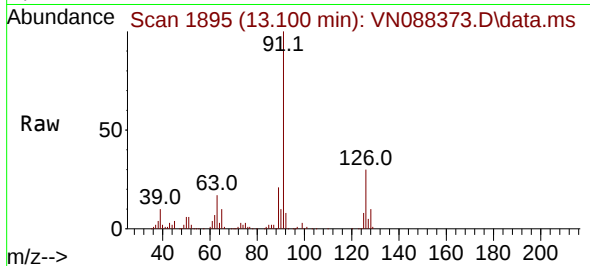




#79
2-Chlorotoluene
Concen: 18.631 ug/l
RT: 13.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

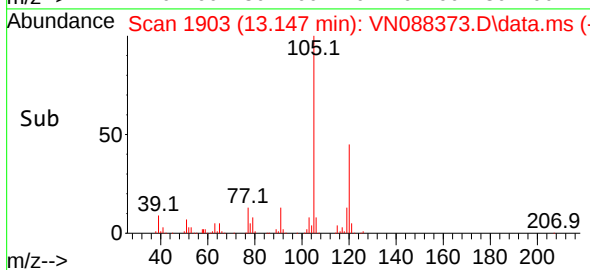
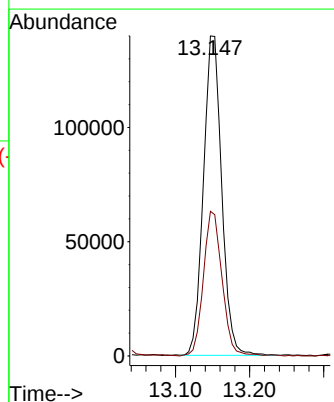
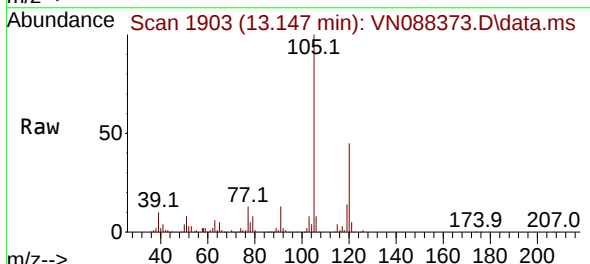
Instrument :
MSVOA_N
ClientSampleId :

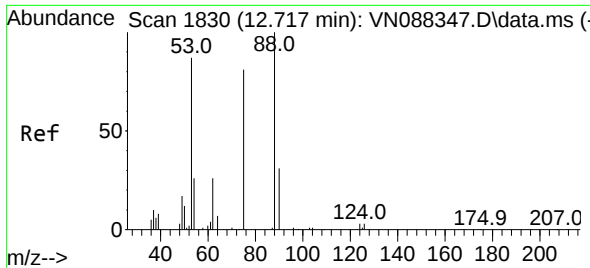
Tgt Ion: 91 Resp: 213346
Ion Ratio Lower Upper
91 100
126 31.7 15.3 45.9



#80
1,3,5-Trimethylbenzene
Concen: 18.872 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion:105 Resp: 239698
Ion Ratio Lower Upper
105 100
120 46.2 23.8 71.5

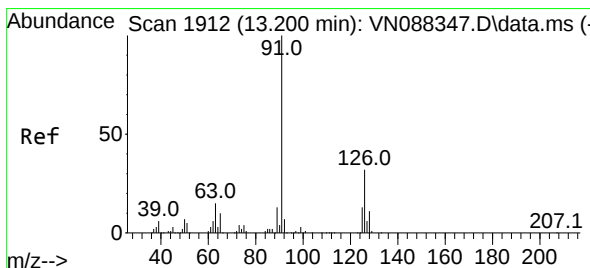
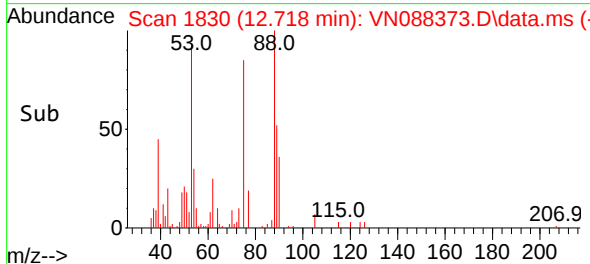
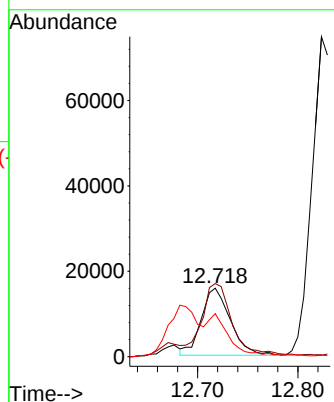
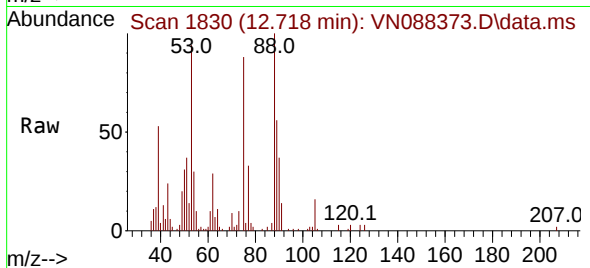




#81
trans-1,4-Dichloro-2-butene
Concen: 18.465 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

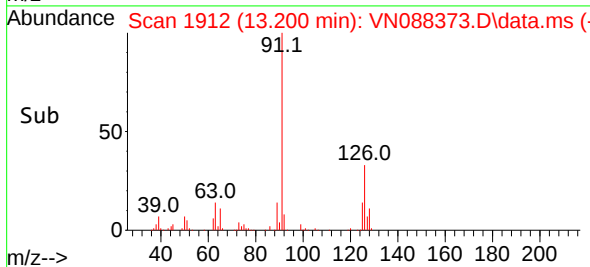
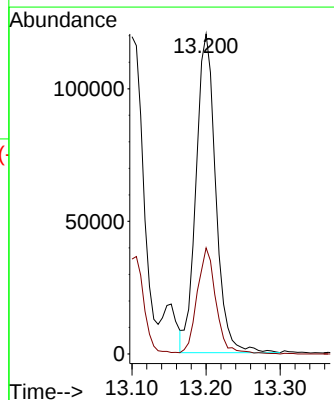
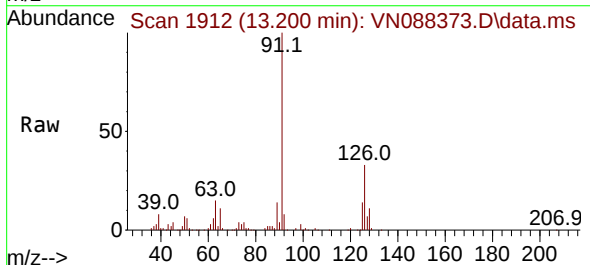
Instrument :
MSVOA_N
ClientSampleId :

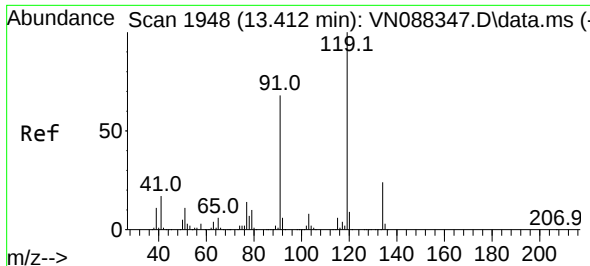
Tgt Ion: 75 Resp: 31603
Ion Ratio Lower Upper
75 100
53 113.3 92.2 138.4
89 46.7 0.0 0.0#



#82
4-Chlorotoluene
Concen: 19.531 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

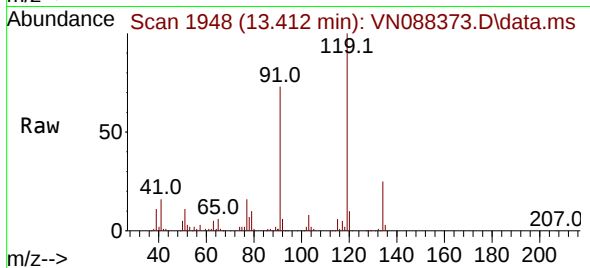
Tgt Ion: 91 Resp: 222136
Ion Ratio Lower Upper
91 100
126 31.8 15.6 46.7



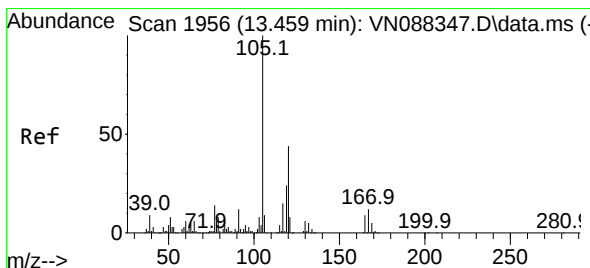
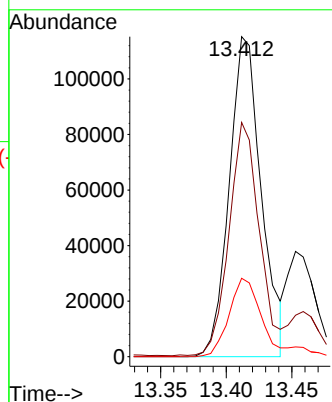
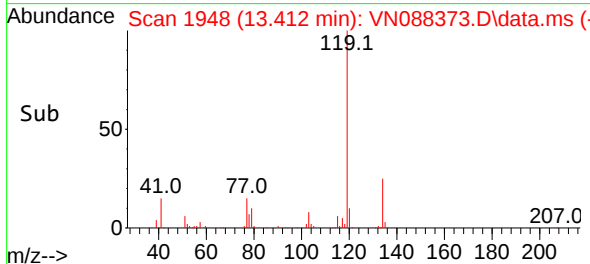


#83
tert-Butylbenzene
Concen: 18.139 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Instrument :
MSVOA_N
ClientSampleId :

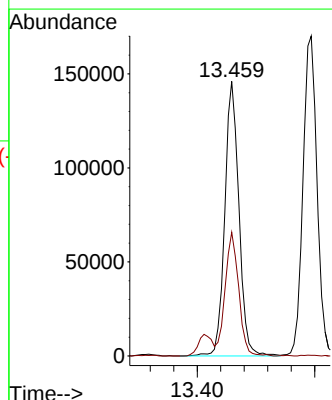
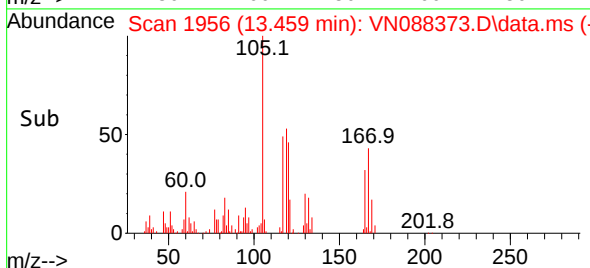
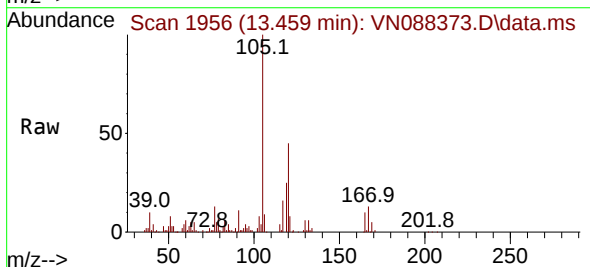


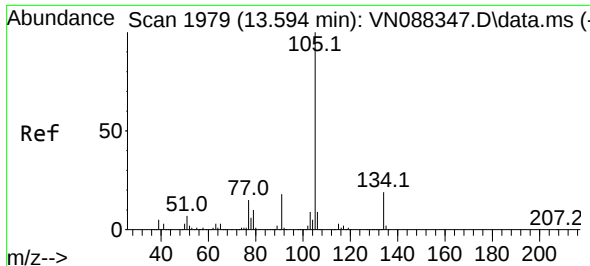
Tgt Ion:119 Resp: 195850
Ion Ratio Lower Upper
119 100
91 69.3 35.1 105.3
134 26.5 12.8 38.4



#84
1,2,4-Trimethylbenzene
Concen: 19.342 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion:105 Resp: 244186
Ion Ratio Lower Upper
105 100
120 43.3 22.1 66.1

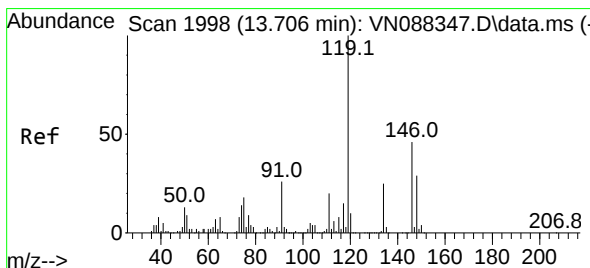
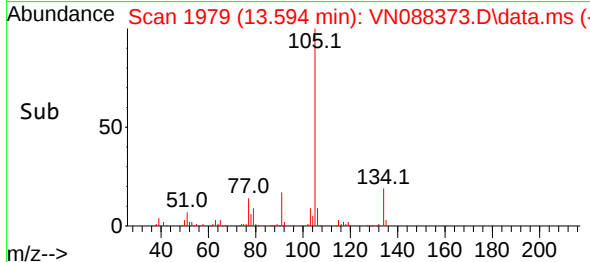
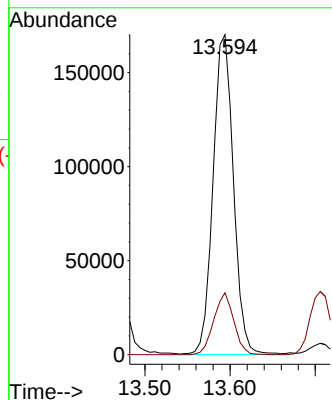
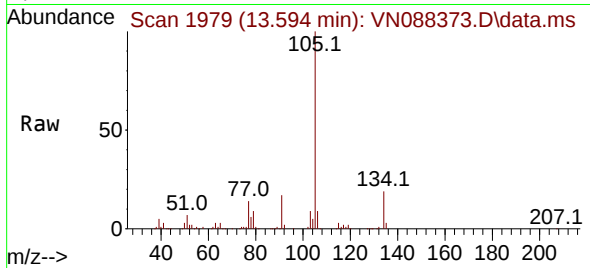




#85
 sec-Butylbenzene
 Concen: 18.217 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088373.D
 Acq: 01 Dec 2025 11:27

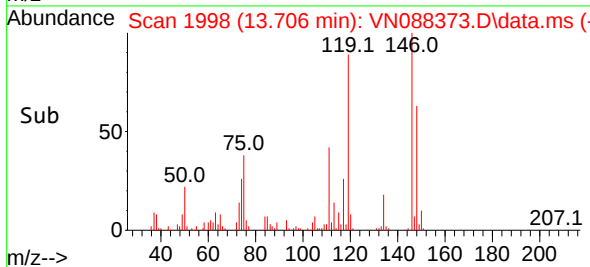
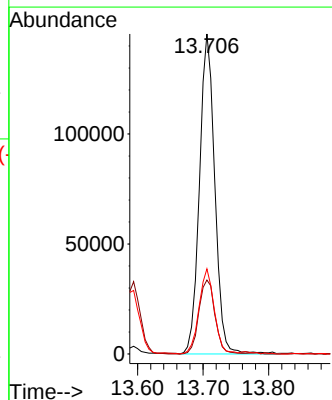
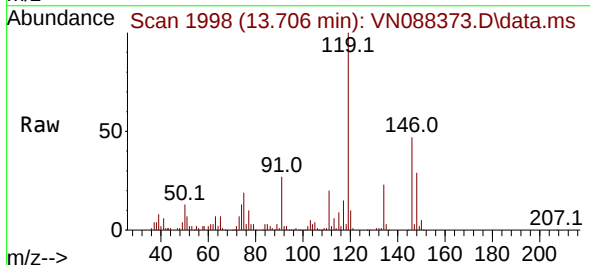
Instrument :
 MSVOA_N
 ClientSampleId :

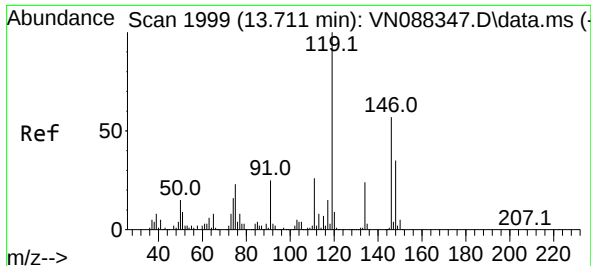
Tgt Ion:105 Resp: 282563
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 18.661 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088373.D
 Acq: 01 Dec 2025 11:27

Tgt Ion:119 Resp: 237355
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.2 36.6
 91 26.3 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 19.036 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088373.D

Acq: 01 Dec 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :

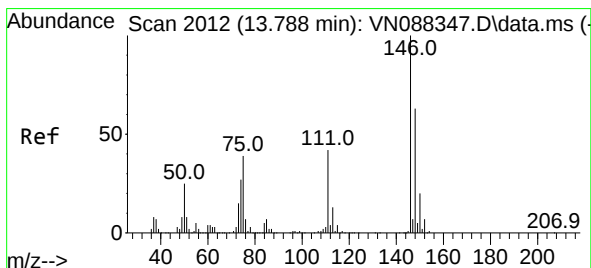
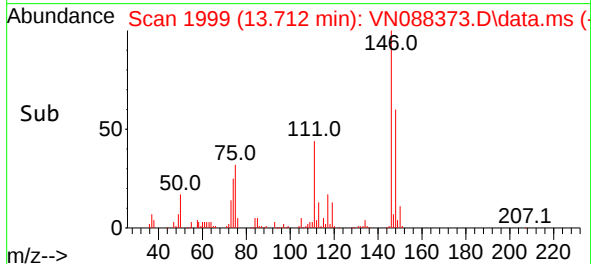
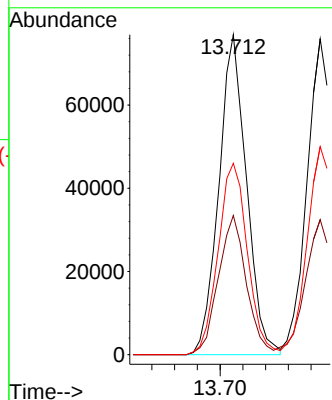
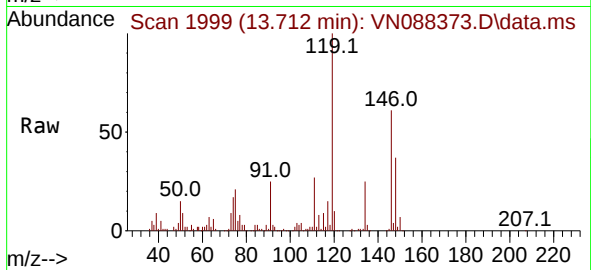
Tgt Ion:146 Resp: 129958

Ion Ratio Lower Upper

146 100

111 44.1 22.4 67.0

148 63.5 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 18.451 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN088373.D

Acq: 01 Dec 2025 11:27

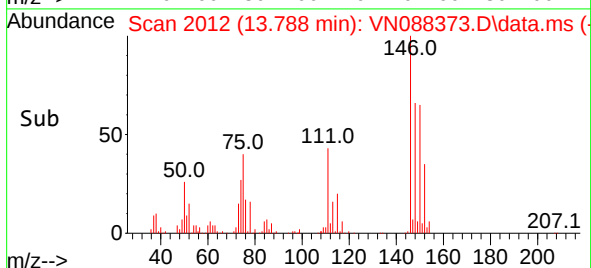
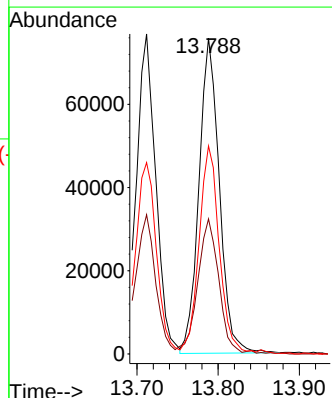
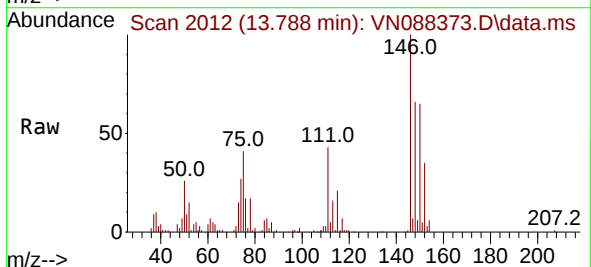
Tgt Ion:146 Resp: 131944

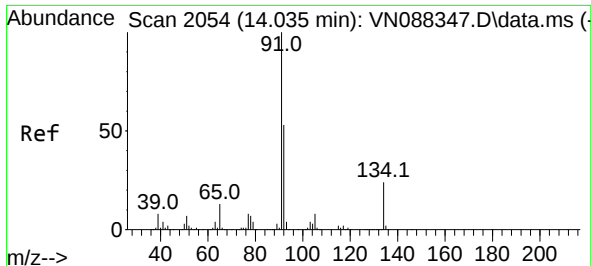
Ion Ratio Lower Upper

146 100

111 45.0 21.6 64.6

148 64.3 31.0 93.0





#89

n-Butylbenzene

Concen: 17.853 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.006 min

Lab File: VN088373.D

Acq: 01 Dec 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :

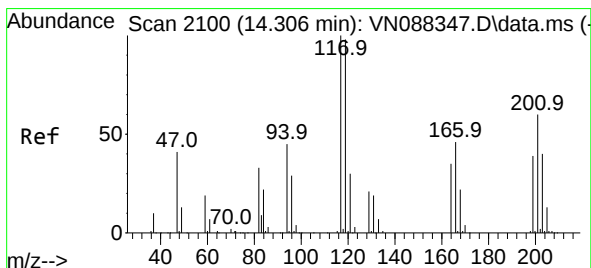
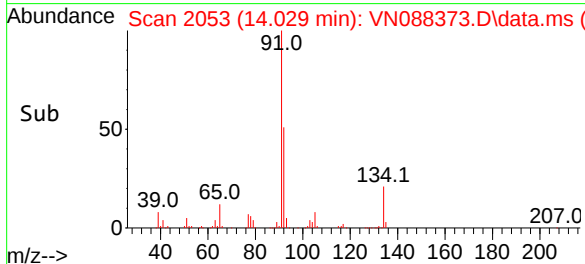
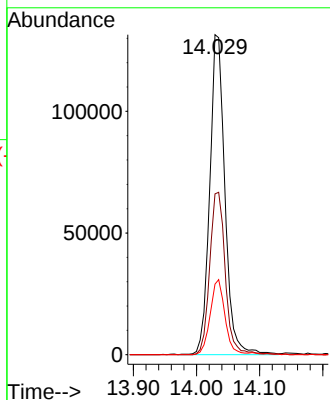
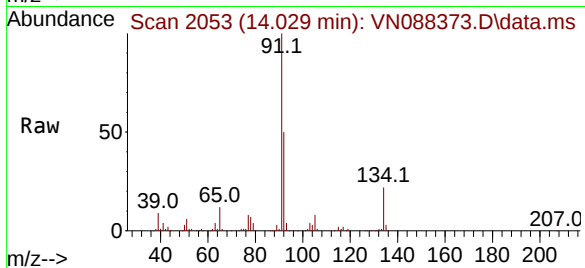
Tgt Ion: 91 Resp: 220480

Ion Ratio Lower Upper

91 100

92 52.0 26.1 78.3

134 23.1 11.7 35.1



#90

Hexachloroethane

Concen: 18.368 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. 0.000 min

Lab File: VN088373.D

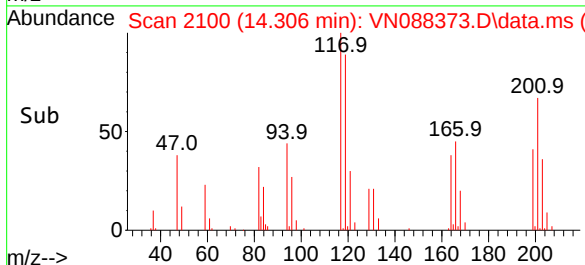
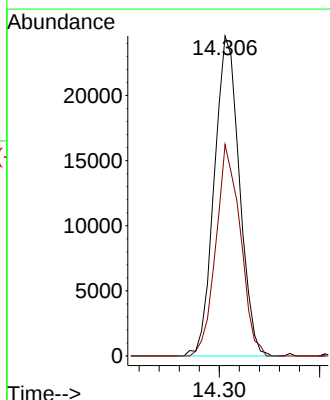
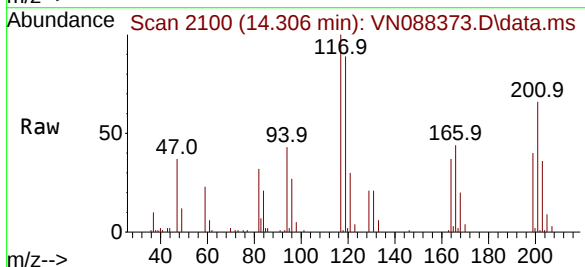
Acq: 01 Dec 2025 11:27

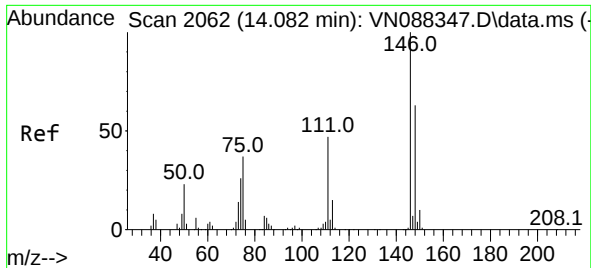
Tgt Ion: 117 Resp: 42679

Ion Ratio Lower Upper

117 100

201 64.4 30.3 90.9

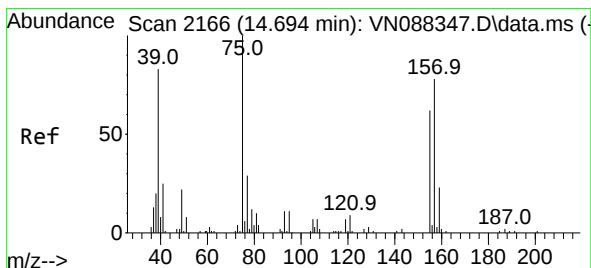
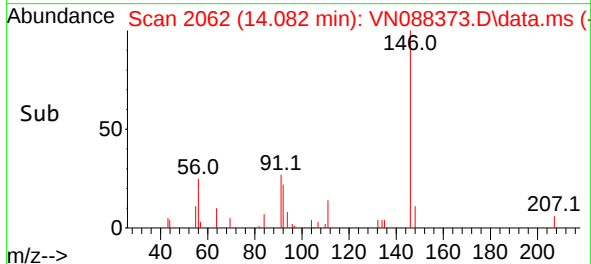
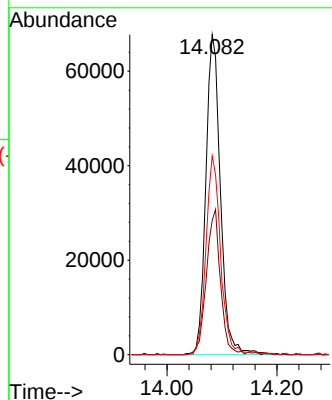
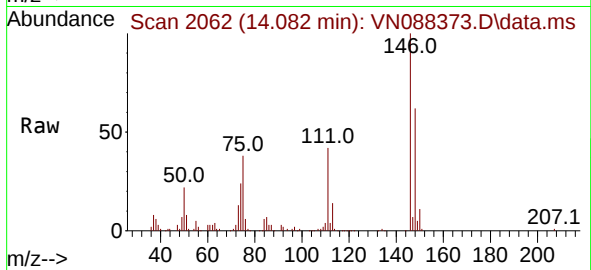




#91
1,2-Dichlorobenzene
Concen: 19.439 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

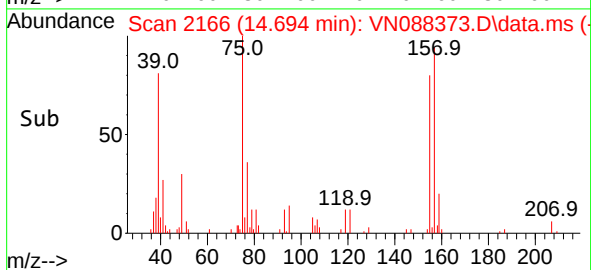
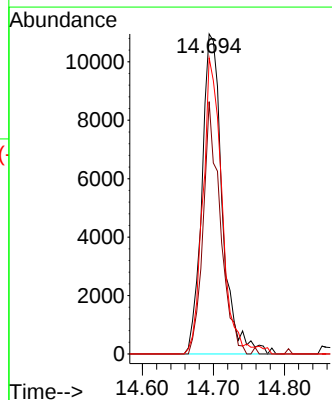
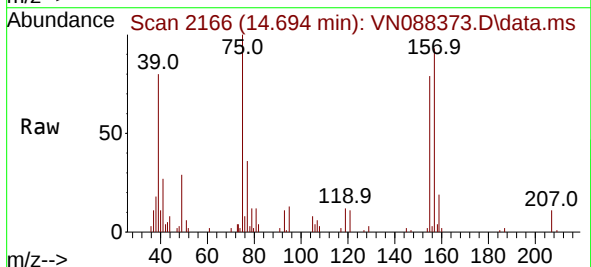
Instrument :
MSVOA_N
ClientSampleId :

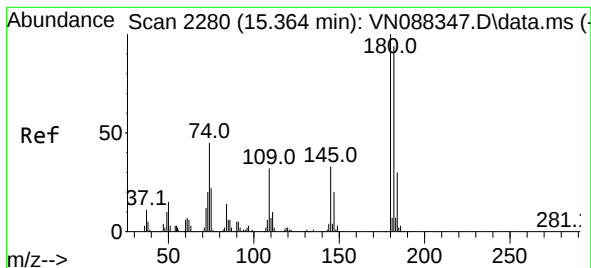
Tgt Ion:146 Resp: 124887
Ion Ratio Lower Upper
146 100
111 43.7 23.3 69.9
148 62.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.204 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion: 75 Resp: 21886
Ion Ratio Lower Upper
75 100
155 66.3 33.7 101.1
157 87.4 43.8 131.3





#93

1,2,4-Trichlorobenzene

Concen: 18.498 ug/l

RT: 15.365 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088373.D

Acq: 01 Dec 2025 11:27

Instrument :

MSVOA_N

ClientSampleId :

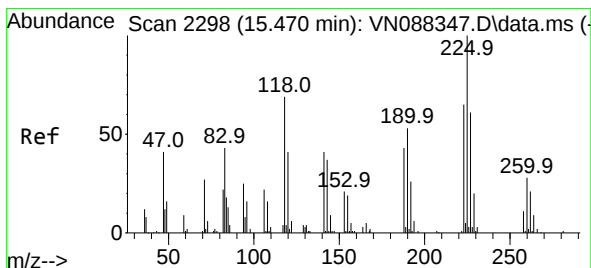
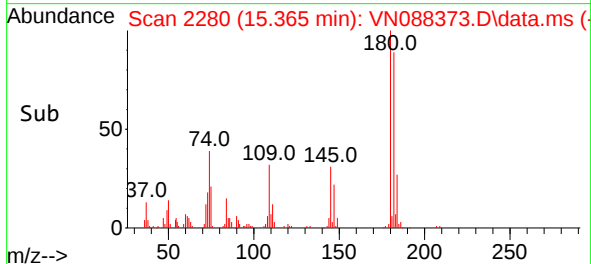
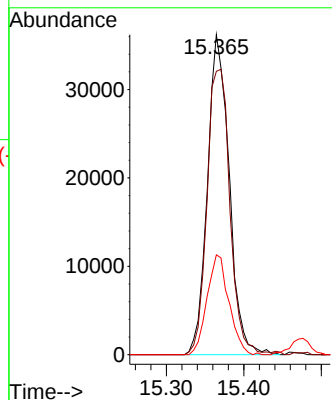
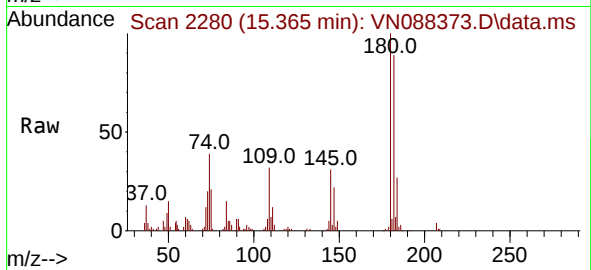
Tgt Ion:180 Resp: 70611

Ion Ratio Lower Upper

180 100

182 94.0 46.1 138.2

145 31.4 16.7 50.1



#94

Hexachlorobutadiene

Concen: 17.942 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088373.D

Acq: 01 Dec 2025 11:27

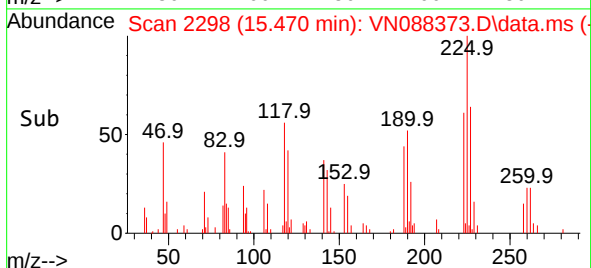
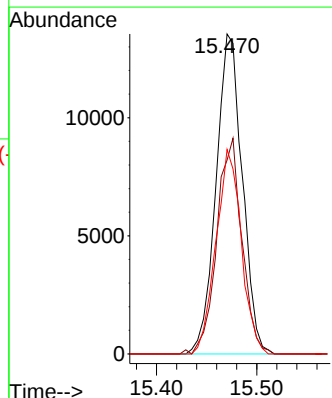
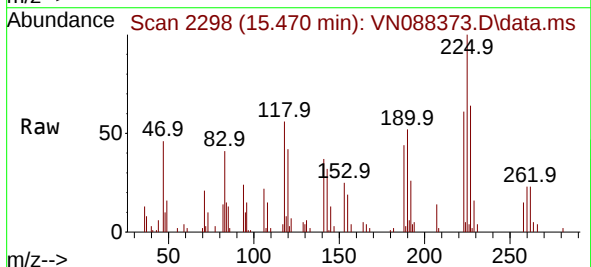
Tgt Ion:225 Resp: 24611

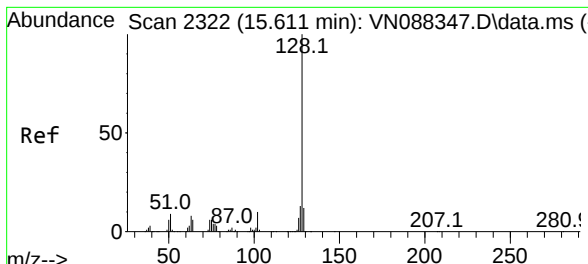
Ion Ratio Lower Upper

225 100

223 64.6 32.3 96.8

227 61.7 29.9 89.8

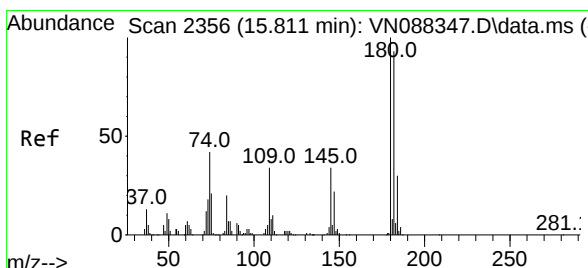
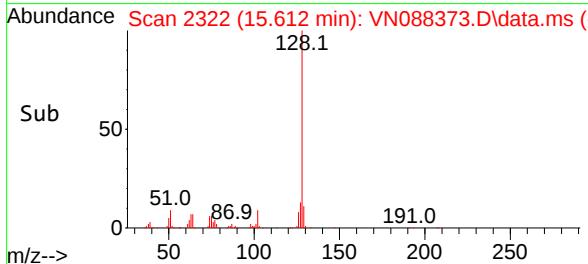
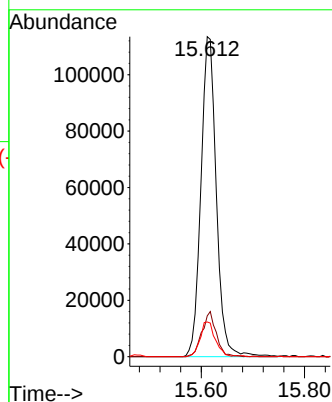
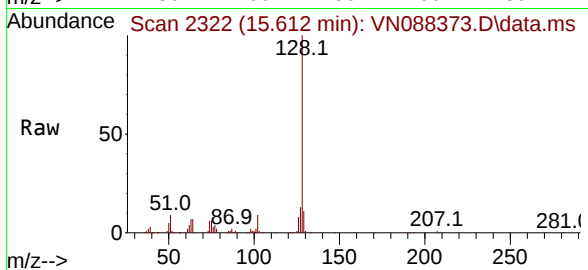




#95
Naphthalene
Concen: 17.736 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 234599
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.6 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 18.306 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088373.D
Acq: 01 Dec 2025 11:27

Tgt Ion:180 Resp: 68004
Ion Ratio Lower Upper
180 100
182 91.4 45.9 137.7
145 34.4 17.8 53.4

