

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
 Data File : VN088016.D
 Acq On : 03 Oct 2025 12:07
 Operator : JC\MD
 Sample : VN1003MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Quant Time: Oct 04 02:53:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	210745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	397174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	382298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	201044	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	184280	51.958	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.920%	
35) Dibromofluoromethane	8.147	113	144023	49.944	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.880%	
50) Toluene-d8	10.547	98	505265	49.825	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.640%	
62) 4-Bromofluorobenzene	12.829	95	176825	48.782	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.560%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	50304	20.611	ug/l	89
3) Chloromethane	2.383	50	52853	21.150	ug/l	95
4) Vinyl Chloride	2.542	62	55684	21.841	ug/l	98
5) Bromomethane	2.977	94	37479	23.713	ug/l	92
6) Chloroethane	3.142	64	37787	22.795	ug/l	95
7) Trichlorofluoromethane	3.518	101	91817	22.119	ug/l	92
8) Diethyl Ether	3.965	74	35179	22.433	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	50708	23.113	ug/l	97
10) Methyl Iodide	4.583	142	43615	22.088	ug/l	93
11) Tert butyl alcohol	5.518	59	51861	101.520	ug/l	97
12) 1,1-Dichloroethene	4.342	96	49379	22.306	ug/l	90
13) Acrolein	4.171	56	41969	64.029	ug/l	97
14) Allyl chloride	5.012	41	77632	21.541	ug/l	98
15) Acrylonitrile	5.712	53	175059	109.248	ug/l	97
16) Acetone	4.418	43	163822	112.264	ug/l	99
17) Carbon Disulfide	4.706	76	132486	19.155	ug/l	99
18) Methyl Acetate	5.024	43	92834	25.420	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	187628	21.697	ug/l	96
20) Methylene Chloride	5.259	84	64540	21.851	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	57617	21.231	ug/l	91
22) Diisopropyl ether	6.653	45	194296	23.094	ug/l	96
23) Vinyl Acetate	6.589	43	833841	117.711	ug/l	100
24) 1,1-Dichloroethane	6.547	63	112207	22.828	ug/l	96
25) 2-Butanone	7.471	43	241051	108.075	ug/l	96
26) 2,2-Dichloropropane	7.471	77	98952	22.659	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	71261	22.069	ug/l	99
28) Bromochloromethane	7.794	49	54438	20.385	ug/l	95
29) Tetrahydrofuran	7.830	42	149625	104.767	ug/l	99
30) Chloroform	7.947	83	125355	23.324	ug/l	98
31) Cyclohexane	8.236	56	86204	21.675	ug/l	87
32) 1,1,1-Trichloroethane	8.153	97	100892	22.217	ug/l	96
36) 1,1-Dichloropropene	8.353	75	76378	22.027	ug/l	96
37) Ethyl Acetate	7.547	43	98881	21.716	ug/l	97
38) Carbon Tetrachloride	8.347	117	84594	21.261	ug/l	99
39) Methylcyclohexane	9.582	83	74573	19.495	ug/l	95
40) Benzene	8.588	78	242780	21.146	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	50675	21.535	ug/l	100
42) 1,2-Dichloroethane	8.653	62	90833	21.200	ug/l	99
43) Isopropyl Acetate	8.671	43	151542	21.143	ug/l	99
44) Trichloroethene	9.330	130	58771	21.430	ug/l	91
45) 1,2-Dichloropropane	9.600	63	64277	22.327	ug/l	91
46) Dibromomethane	9.688	93	50598	22.273	ug/l	95
47) Bromodichloromethane	9.871	83	100758	22.614	ug/l	98
48) Methyl methacrylate	9.665	41	67399	20.306	ug/l	99
49) 1,4-Dioxane	9.682	88	20615	420.425	ug/l #	79
51) 4-Methyl-2-Pentanone	10.424	43	491455	109.887	ug/l	98
52) Toluene	10.612	92	154675	21.469	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	97633	21.410	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	102613	21.666	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	65722	22.435	ug/l	94
56) Ethyl methacrylate	10.859	69	88156	20.826	ug/l	97
57) 1,3-Dichloropropane	11.141	76	107806	22.374	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	246994	124.104	ug/l	99
59) 2-Hexanone	11.177	43	324609	109.768	ug/l	99
60) Dibromochloromethane	11.335	129	72678	21.101	ug/l	98
61) 1,2-Dibromoethane	11.453	107	66379	21.404	ug/l	99
64) Tetrachloroethene	11.082	164	48633	20.884	ug/l #	83
65) Chlorobenzene	11.871	112	174633	21.465	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	62521	21.310	ug/l	98
67) Ethyl Benzene	11.941	91	285734	21.048	ug/l	99
68) m/p-Xylenes	12.047	106	218109	42.010	ug/l	98
69) o-Xylene	12.376	106	103083	20.666	ug/l	100
70) Styrene	12.388	104	182866	21.346	ug/l	99
71) Bromoform	12.559	173	48240	20.267	ug/l #	99
73) Isopropylbenzene	12.676	105	267454	21.465	ug/l	99
74) N-amyl acetate	12.524	43	6221	1.515	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.918	83	101141	22.529	ug/l	97
76) 1,2,3-Trichloropropane	12.971	75	126215	31.848	ug/l	61
77) Bromobenzene	12.959	156	71276	21.499	ug/l	98
78) n-propylbenzene	13.012	91	331926	21.307	ug/l	99
79) 2-Chlorotoluene	13.106	91	203856	21.491	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	232833	21.603	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.718	75	27002	18.920	ug/l	94
82) 4-Chlorotoluene	13.200	91	216618	22.664	ug/l	100
83) tert-Butylbenzene	13.418	119	190796	20.915	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	241463	21.842	ug/l	99
85) sec-Butylbenzene	13.594	105	289467	21.643	ug/l	100
86) p-Isopropyltoluene	13.706	119	235506	20.790	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	141493	21.871	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	141799	21.328	ug/l	97
89) n-Butylbenzene	14.035	91	224123	20.936	ug/l	97
90) Hexachloroethane	14.306	117	51390	21.718	ug/l	90
91) 1,2-Dichlorobenzene	14.082	146	132395	21.231	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	20888	20.024	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	75098	20.396	ug/l	96
94) Hexachlorobutadiene	15.470	225	26775	19.757	ug/l	97
95) Naphthalene	15.612	128	235049	19.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	72634	20.292	ug/l	99

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QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

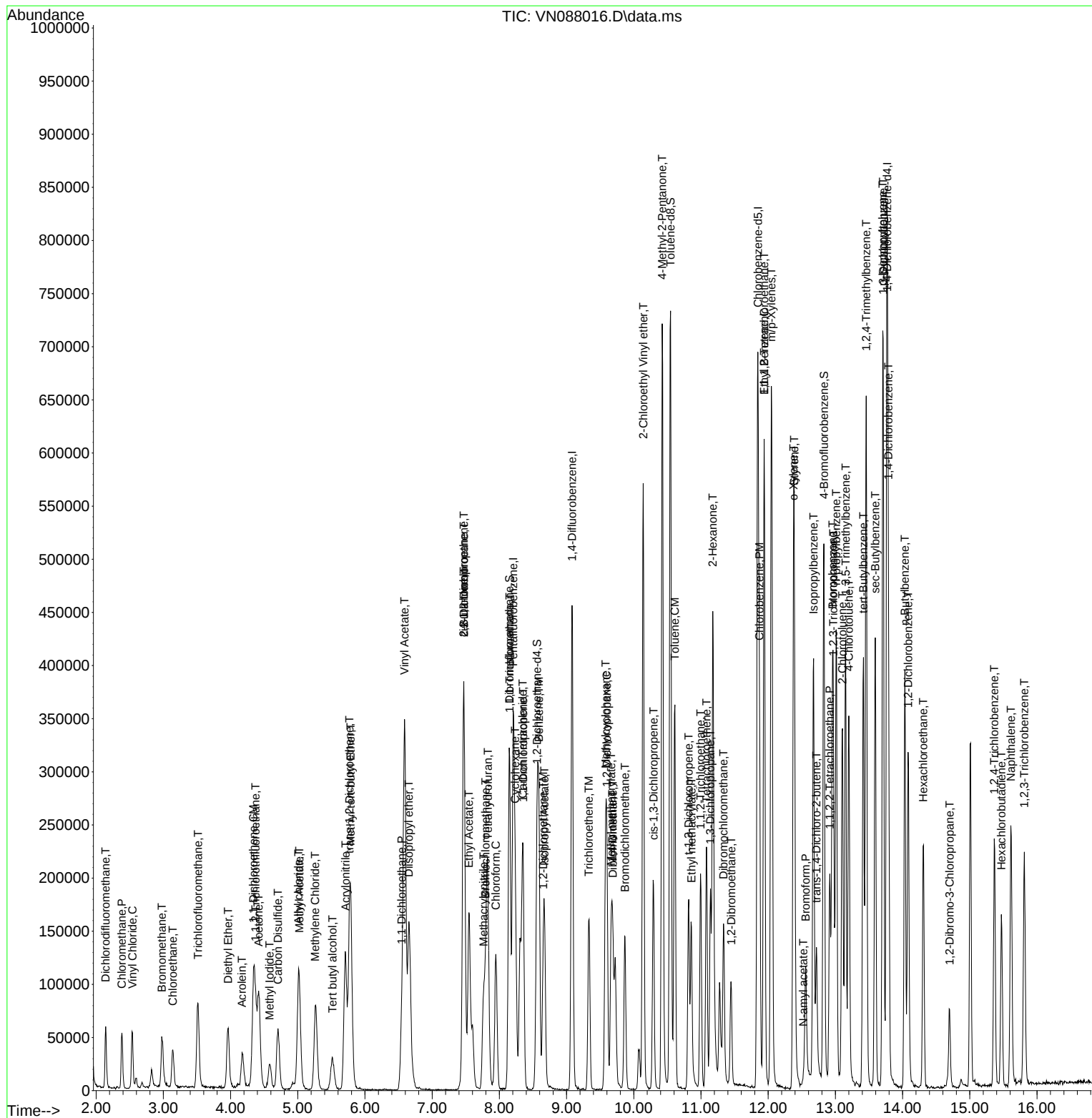
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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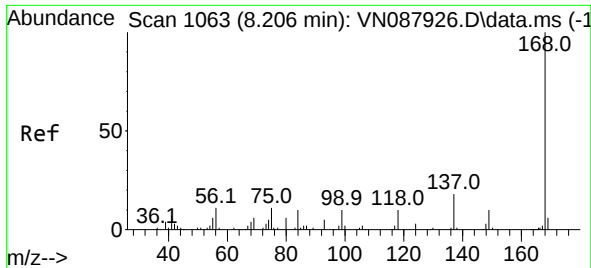
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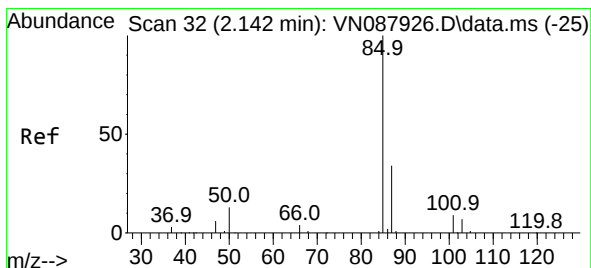
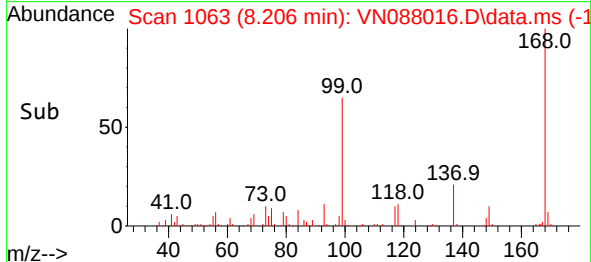
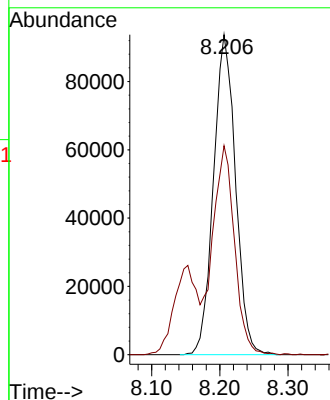
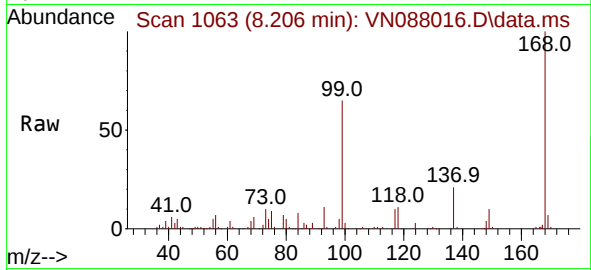




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088016.D
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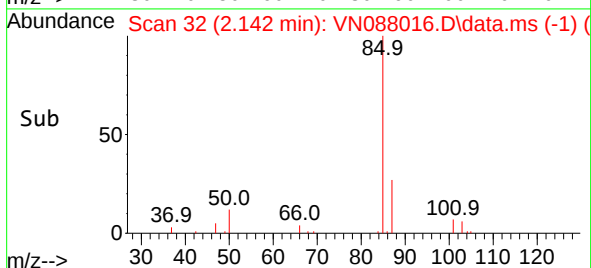
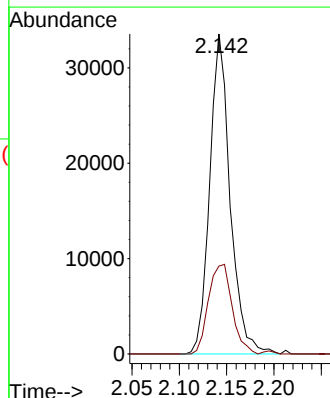
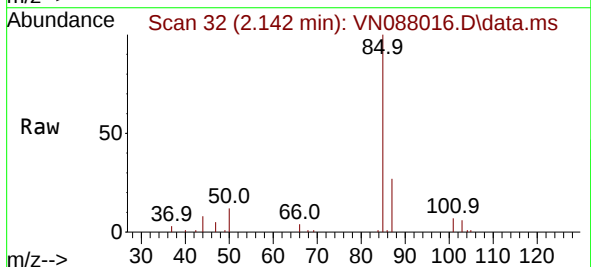
Instrument :
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VN1003WBS01

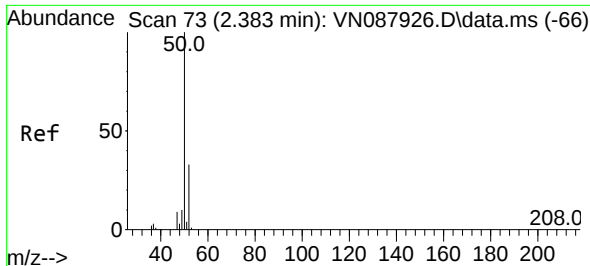
Tgt Ion:168 Resp: 210745
Ion Ratio Lower Upper
168 100
99 65.3 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 20.611 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 85 Resp: 50304
Ion Ratio Lower Upper
85 100
87 27.4 16.9 50.6

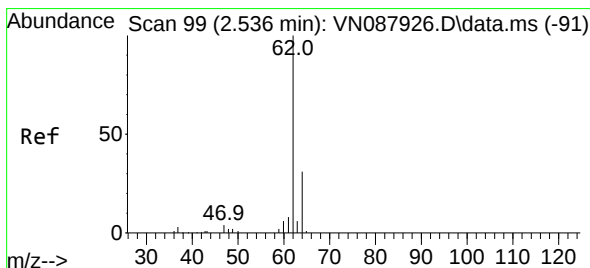
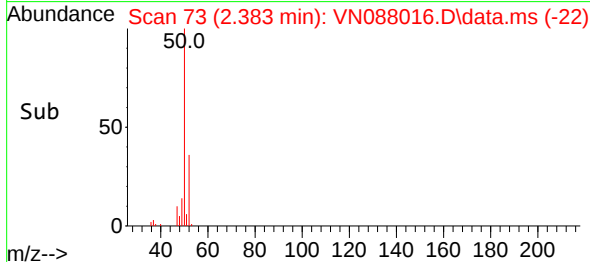
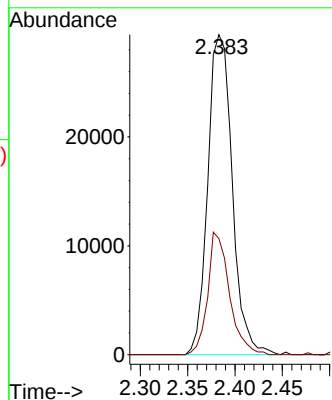
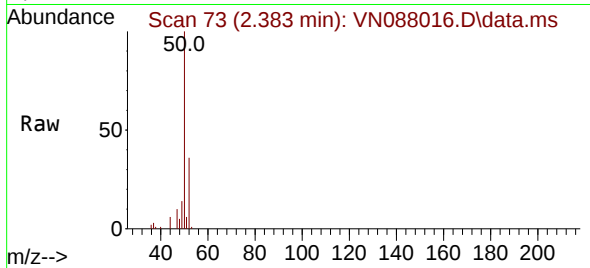




#3
Chloromethane
Concen: 21.150 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

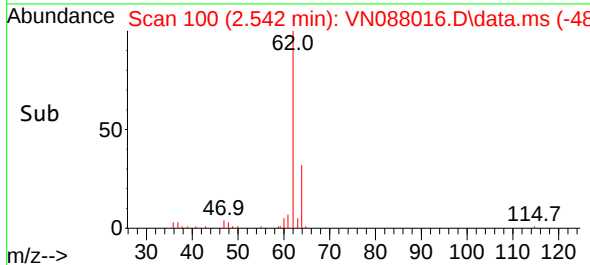
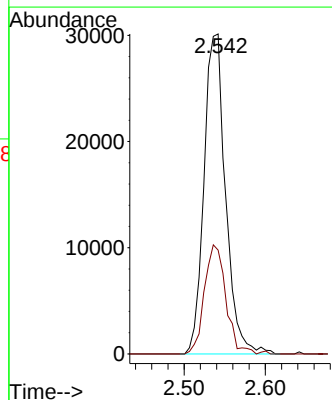
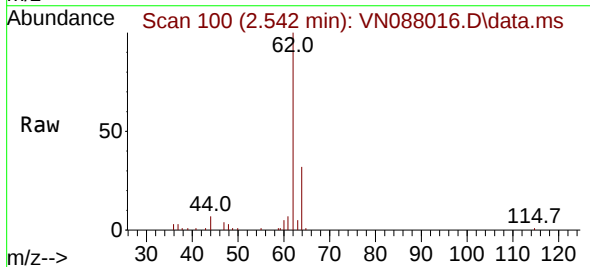
Instrument :
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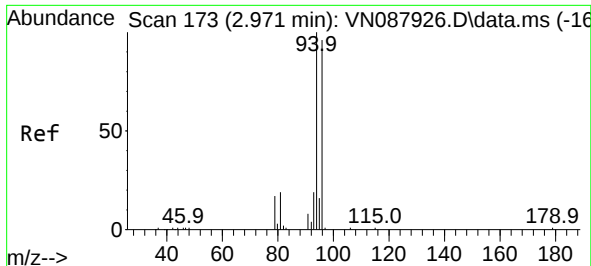
Tgt Ion: 50 Resp: 52853
Ion Ratio Lower Upper
50 100
52 36.2 26.6 40.0



#4
Vinyl Chloride
Concen: 21.841 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 62 Resp: 55684
Ion Ratio Lower Upper
62 100
64 32.5 25.2 37.8

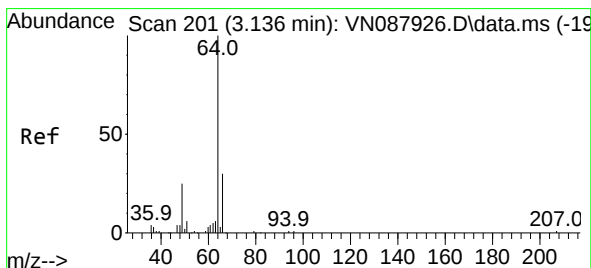
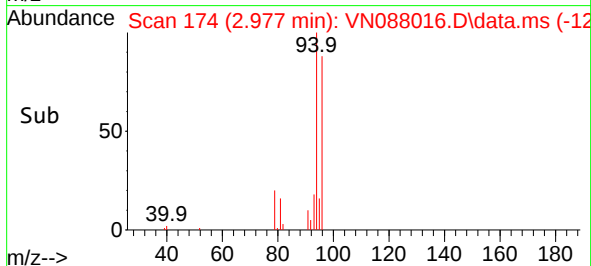
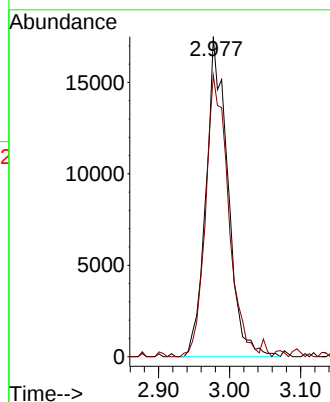
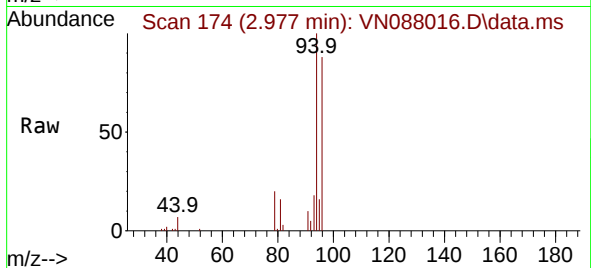




#5
Bromomethane
Concen: 23.713 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

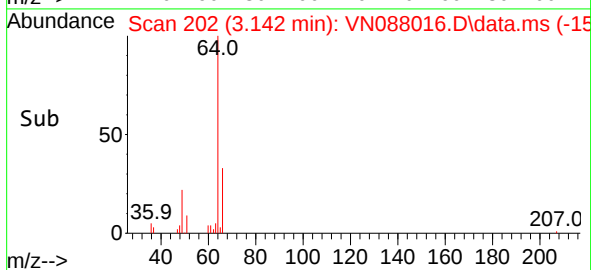
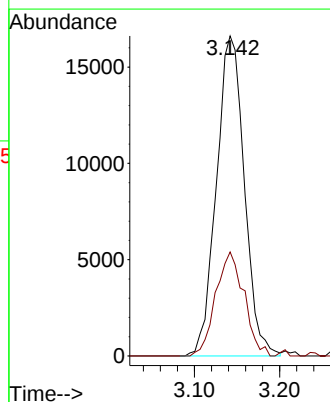
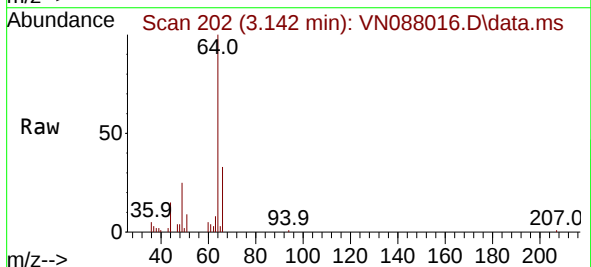
Instrument :
MSVOA_N
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VN1003WBS01

Tgt Ion: 94 Resp: 37479
Ion Ratio Lower Upper
94 100
96 88.0 76.8 115.2



#6
Chloroethane
Concen: 22.795 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 64 Resp: 37787
Ion Ratio Lower Upper
64 100
66 32.5 23.8 35.8

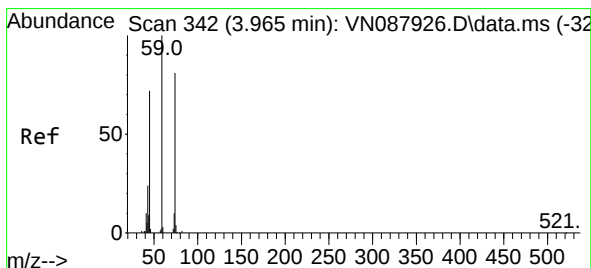
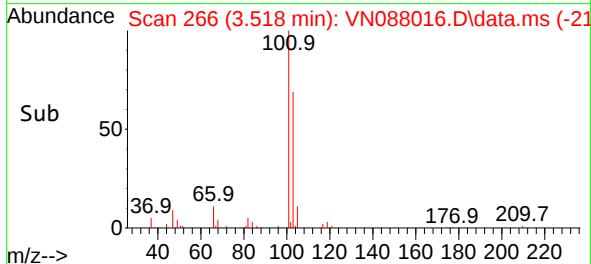
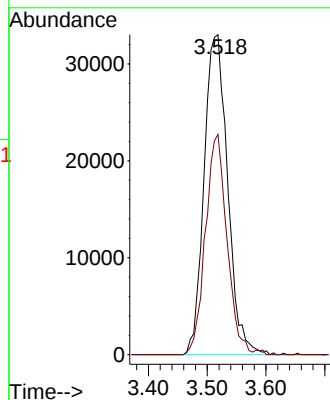
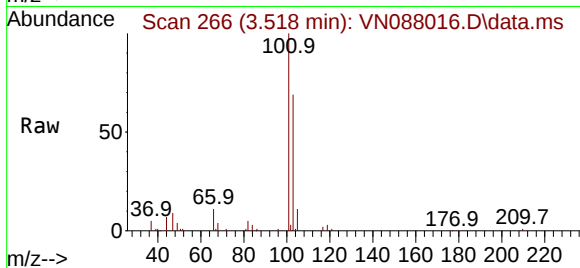




#7
Trichlorofluoromethane
Concen: 22.119 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

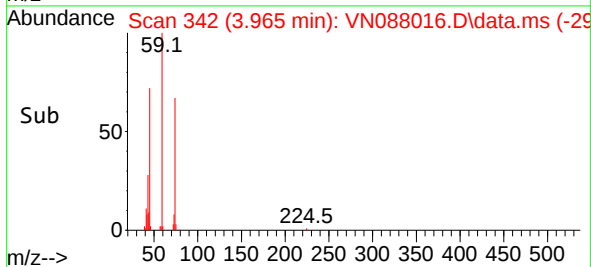
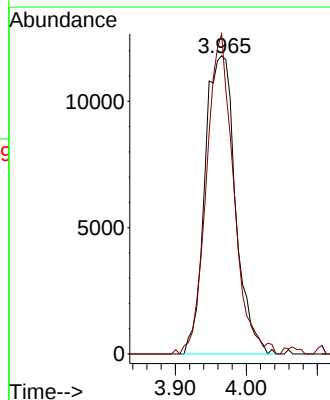
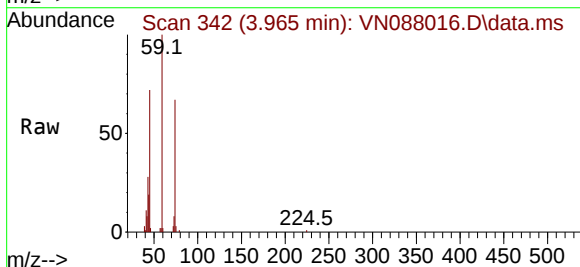
Instrument :
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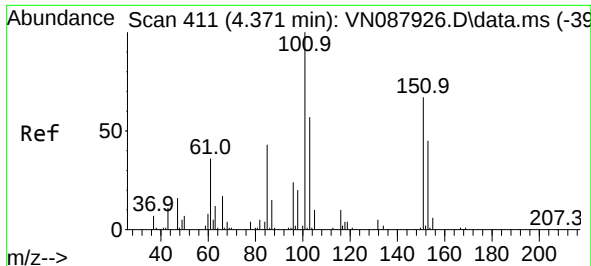
Tgt Ion:101 Resp: 91817
Ion Ratio Lower Upper
101 100
103 68.8 50.2 75.4



#8
Diethyl Ether
Concen: 22.433 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 74 Resp: 35179
Ion Ratio Lower Upper
74 100
45 95.7 45.4 136.1

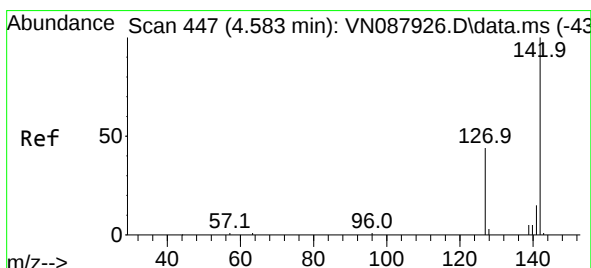
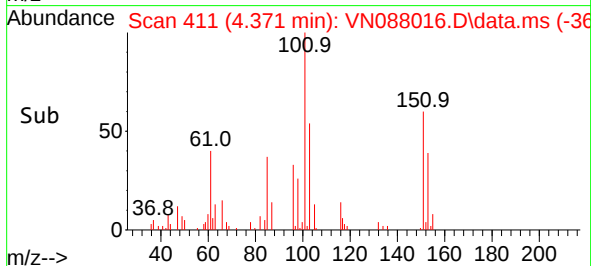
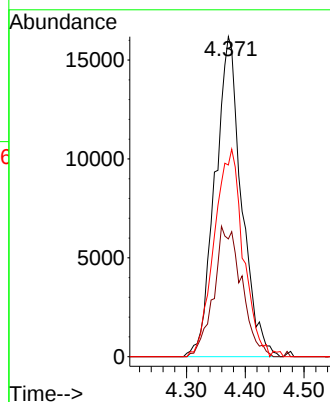
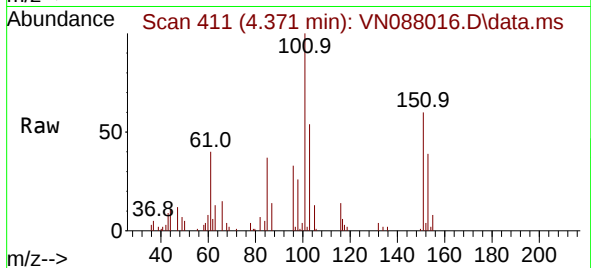




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.113 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

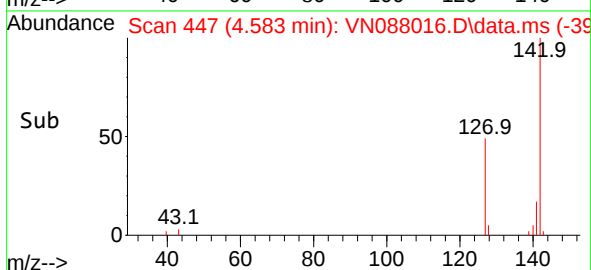
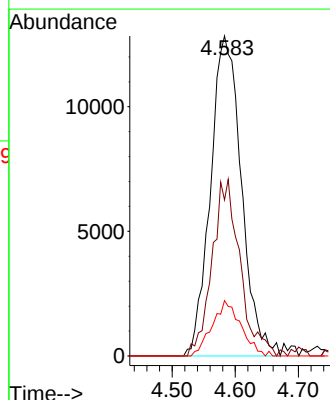
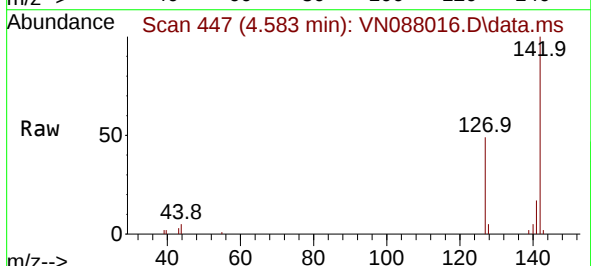
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

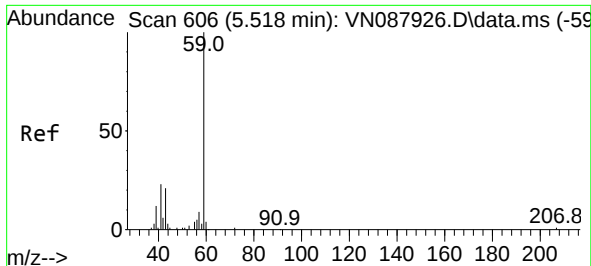
Tgt Ion:101 Resp: 50708
Ion Ratio Lower Upper
101 100
85 42.9 36.5 54.7
151 70.9 58.6 87.8



#10
Methyl Iodide
Concen: 22.088 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion:142 Resp: 43615
Ion Ratio Lower Upper
142 100
127 48.8 35.3 52.9
141 17.3 11.8 17.8

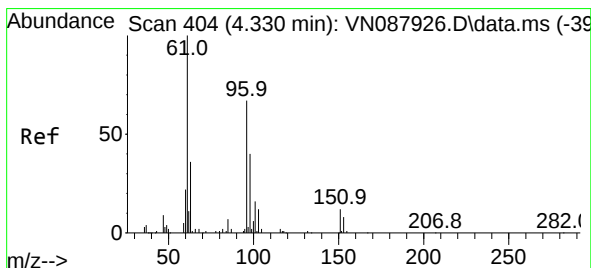
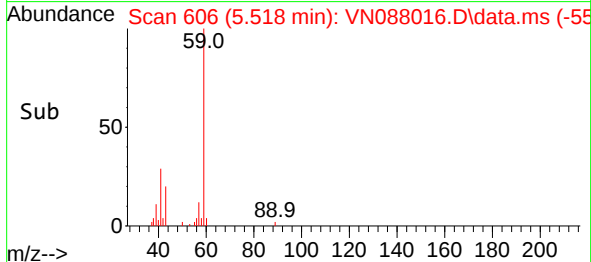
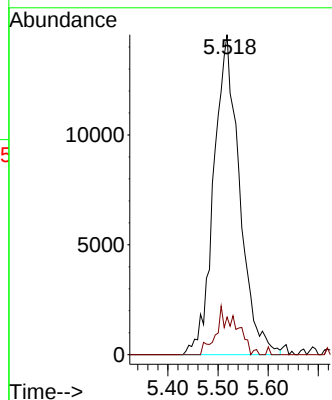
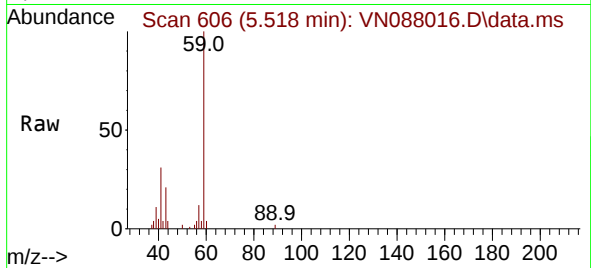




#11
Tert butyl alcohol
Concen: 101.520 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

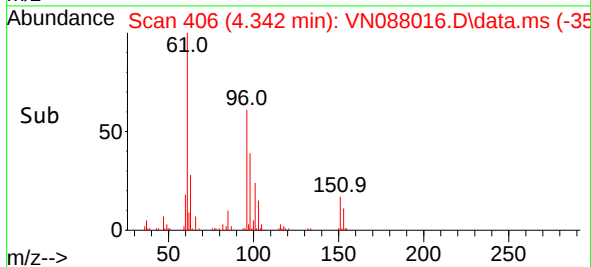
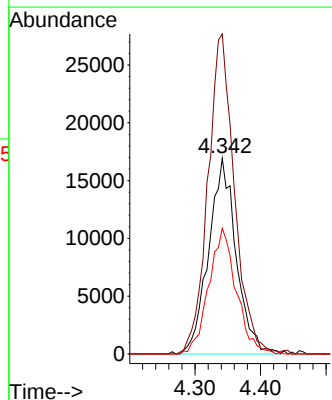
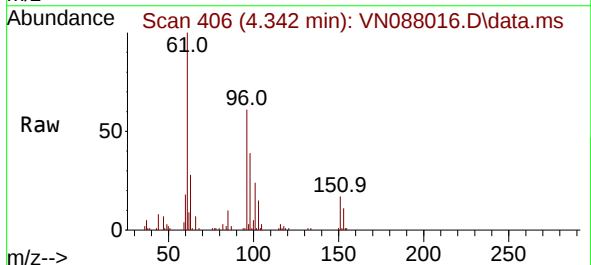
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

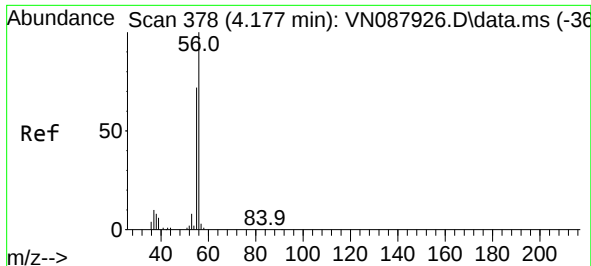
Tgt Ion: 59 Resp: 51861
Ion Ratio Lower Upper
59 100
57 12.0 8.8 13.2



#12
1,1-Dichloroethene
Concen: 22.306 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 96 Resp: 49379
Ion Ratio Lower Upper
96 100
61 162.6 119.2 178.8
98 64.2 47.5 71.3





#13

Acrolein

Concen: 64.029 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

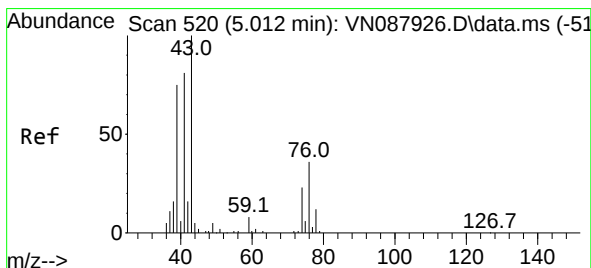
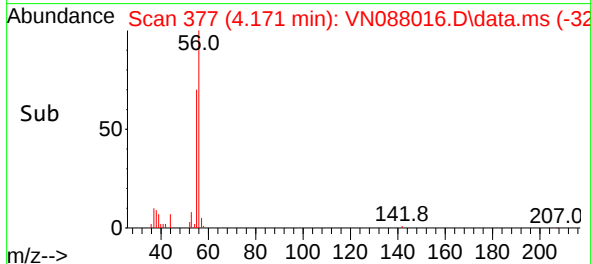
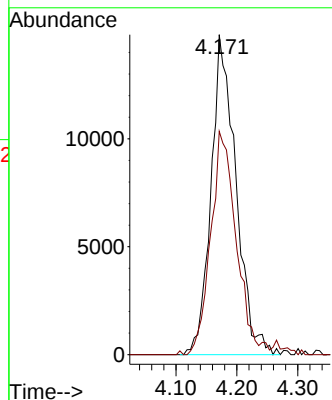
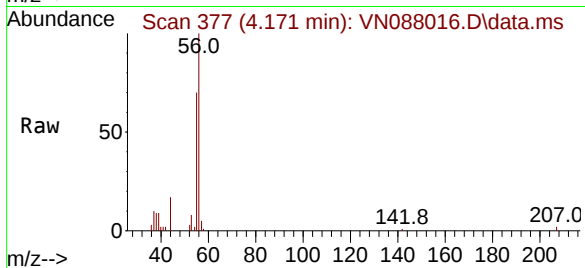
VN1003WBS01

Tgt Ion: 56 Resp: 41969

Ion Ratio Lower Upper

56 100

55 71.9 59.3 88.9



#14

Allyl chloride

Concen: 21.541 ug/l

RT: 5.012 min Scan# 520

Delta R.T. 0.000 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

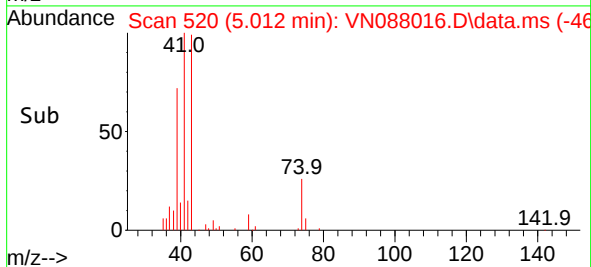
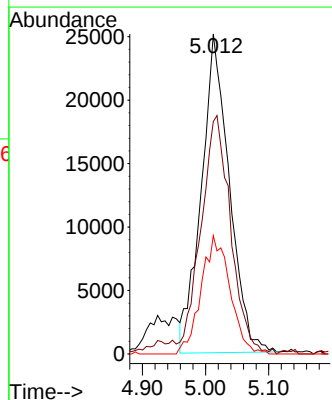
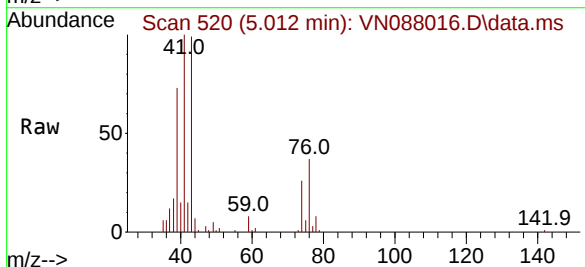
Tgt Ion: 41 Resp: 77632

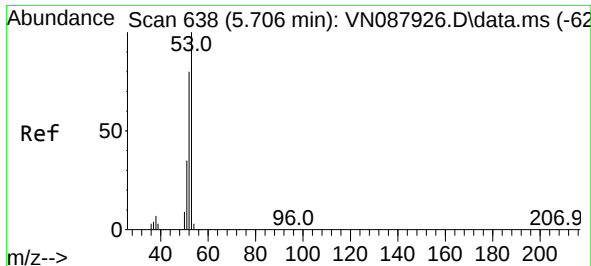
Ion Ratio Lower Upper

41 100

39 79.3 63.8 95.8

76 38.2 33.0 49.6

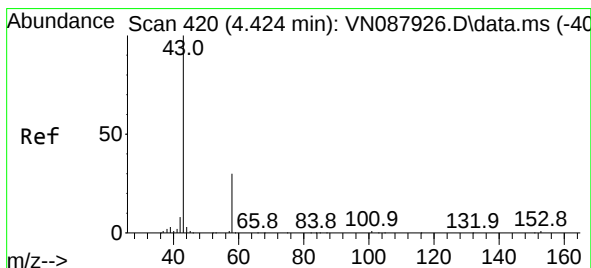
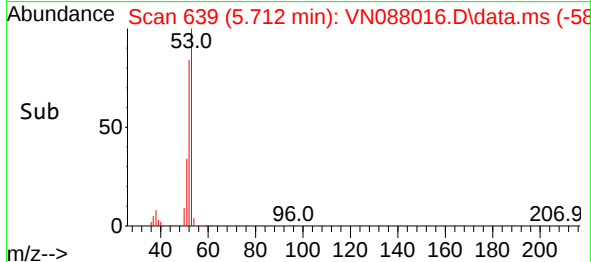
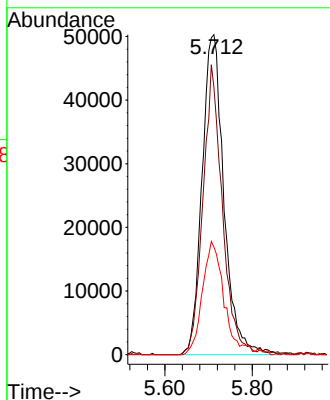
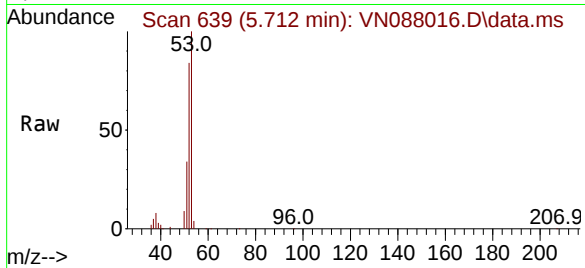




#15
Acrylonitrile
Concen: 109.248 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

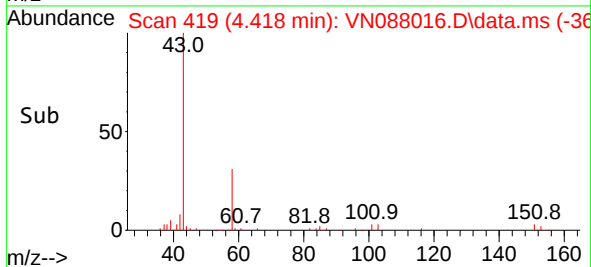
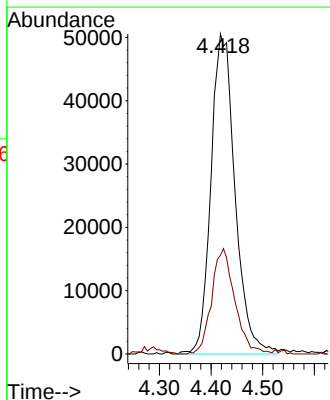
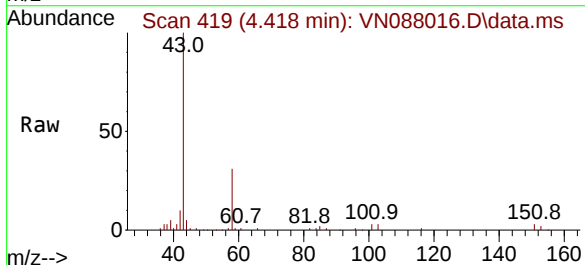
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tgt Ion: 53 Resp: 175059
Ion Ratio Lower Upper
53 100
52 80.0 66.6 99.8
51 35.1 29.0 43.4



#16
Acetone
Concen: 112.264 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 43 Resp: 163822
Ion Ratio Lower Upper
43 100
58 30.8 24.1 36.1

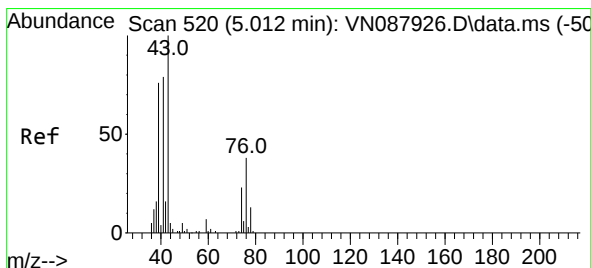
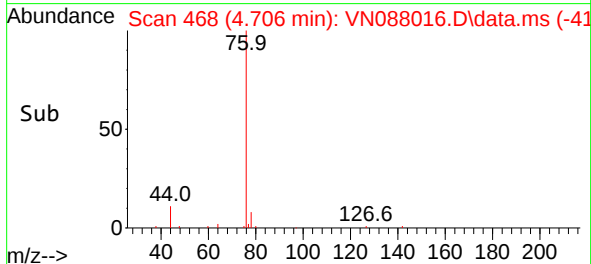
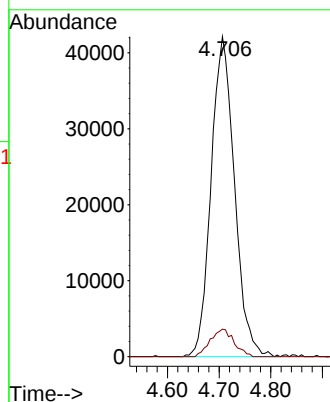
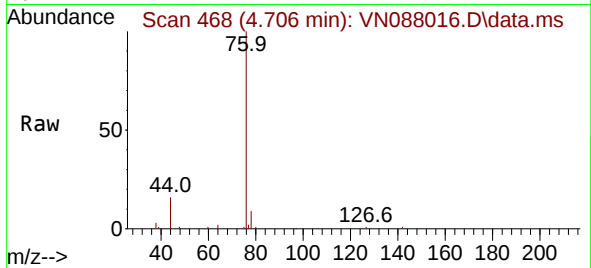




#17
Carbon Disulfide
Concen: 19.155 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

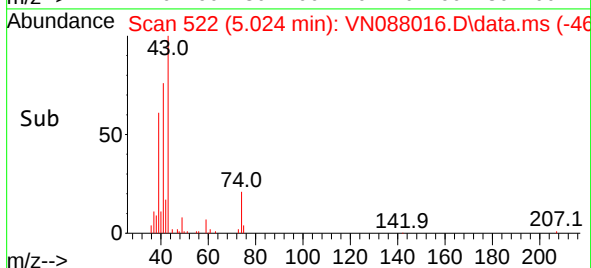
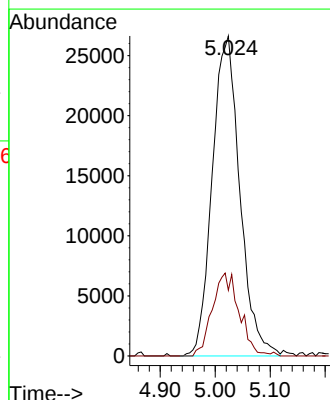
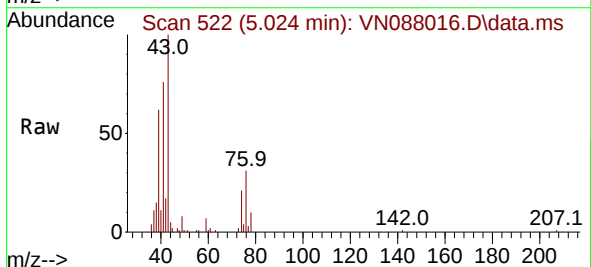
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

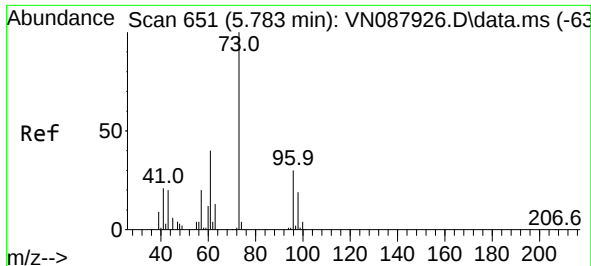
Tgt Ion: 76 Resp: 132486
Ion Ratio Lower Upper
76 100
78 8.6 6.7 10.1



#18
Methyl Acetate
Concen: 25.420 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 43 Resp: 92834
Ion Ratio Lower Upper
43 100
74 25.5 19.7 29.5

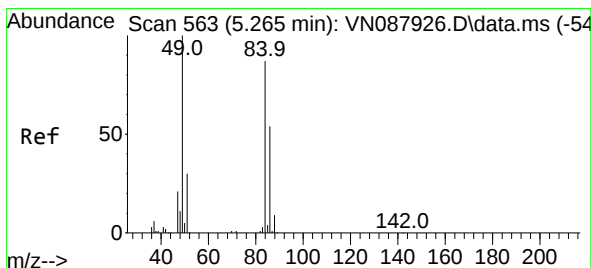
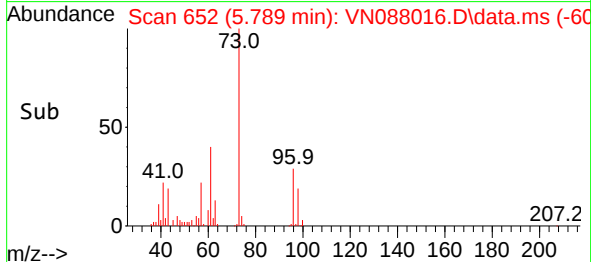
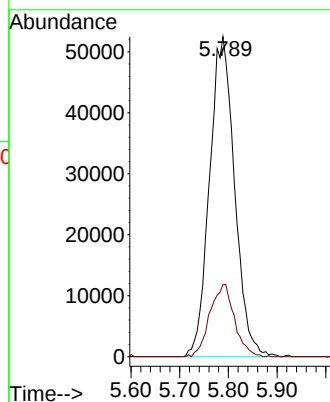
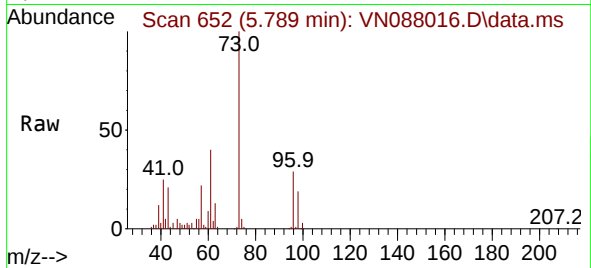




#19
Methyl tert-butyl Ether
Concen: 21.697 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

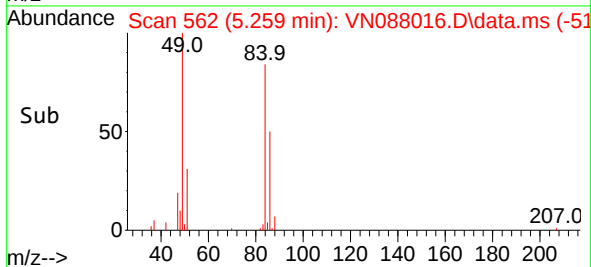
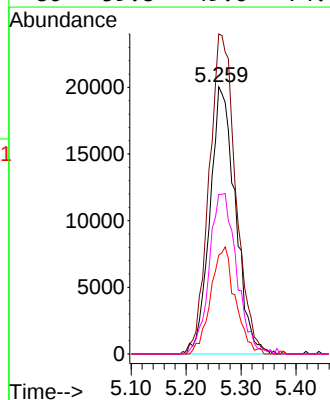
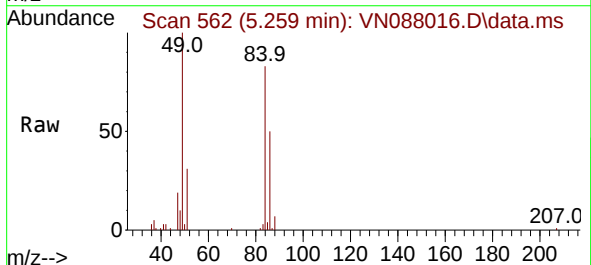
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

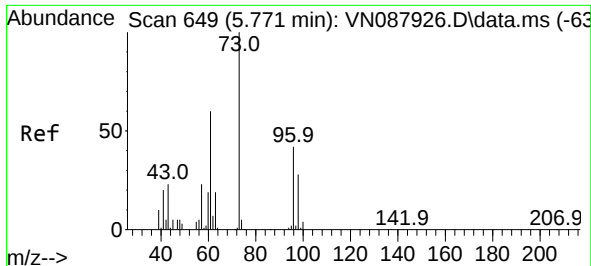
Tgt Ion: 73 Resp: 187628
Ion Ratio Lower Upper
73 100
57 22.5 16.3 24.5



#20
Methylene Chloride
Concen: 21.851 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 84 Resp: 64540
Ion Ratio Lower Upper
84 100
49 119.8 92.1 138.1
51 37.0 27.7 41.5
86 59.8 49.6 74.4

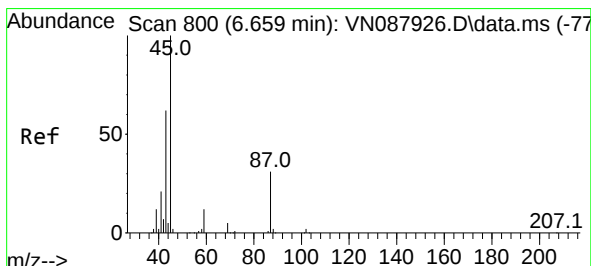
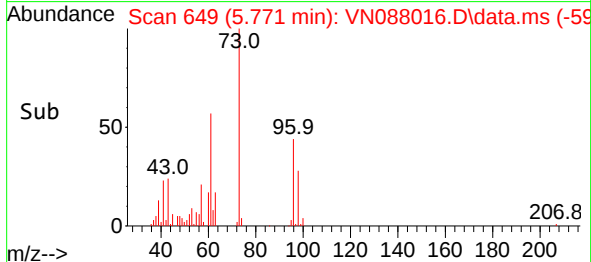
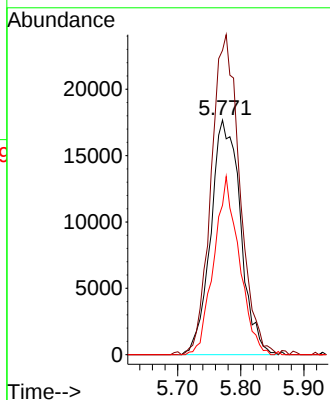
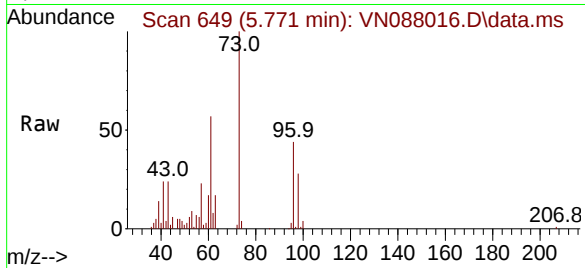




#21
trans-1,2-Dichloroethene
Concen: 21.231 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

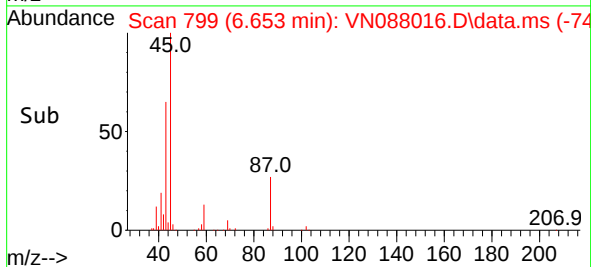
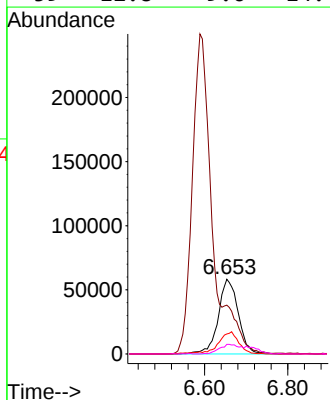
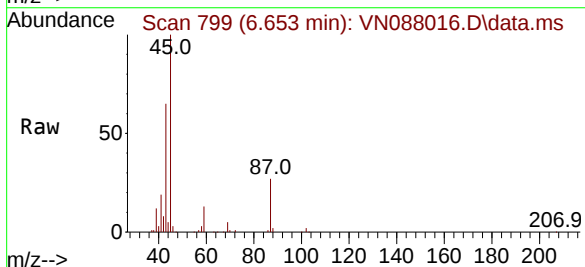
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

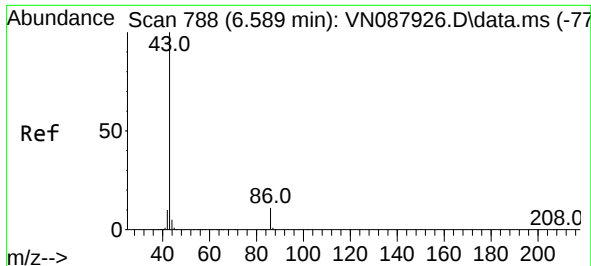
Tgt Ion: 96 Resp: 57617
Ion Ratio Lower Upper
96 100
61 129.7 114.4 171.6
98 63.7 53.6 80.4



#22
Diisopropyl ether
Concen: 23.094 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 45 Resp: 194296
Ion Ratio Lower Upper
45 100
43 64.1 49.9 74.9
87 26.8 25.2 37.8
59 12.8 9.6 14.4

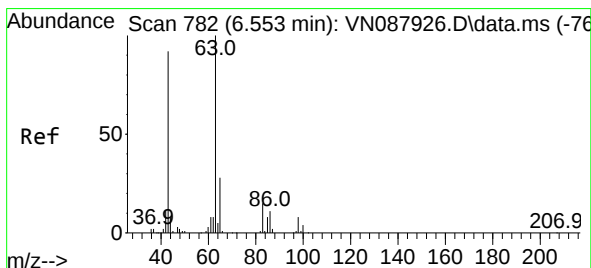
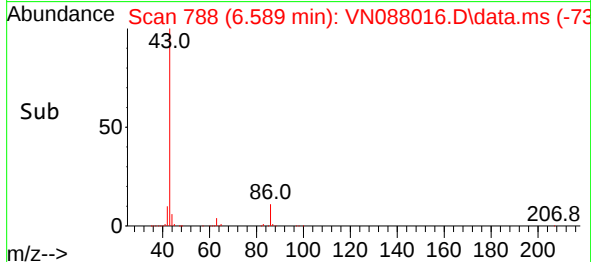
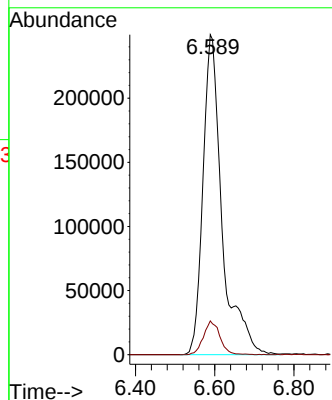
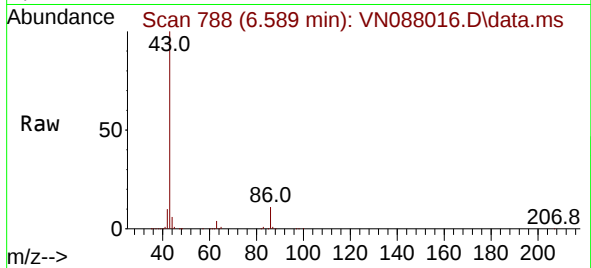




#23
 Vinyl Acetate
 Concen: 117.711 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088016.D
 Acq: 03 Oct 2025 12:07

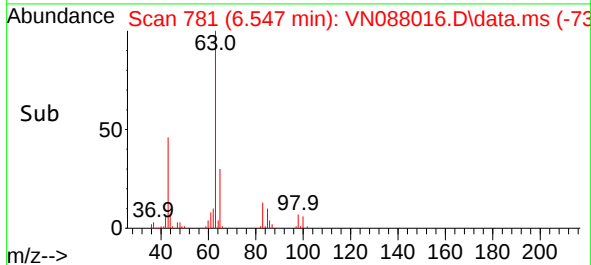
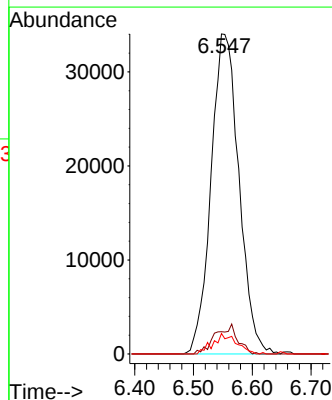
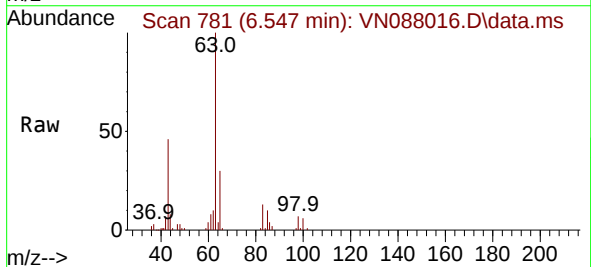
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

Tgt Ion: 43 Resp: 833841
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 22.828 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.006 min
 Lab File: VN088016.D
 Acq: 03 Oct 2025 12:07

Tgt Ion: 63 Resp: 112207
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.5
 100 6.4 2.1 6.5

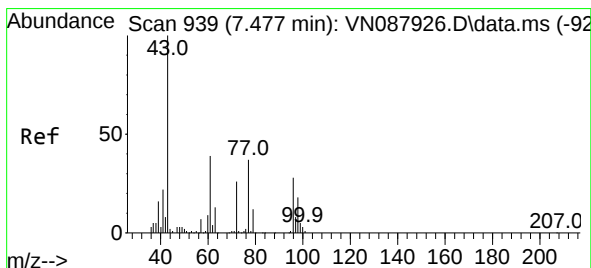
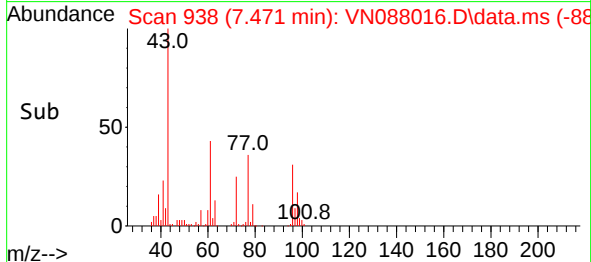
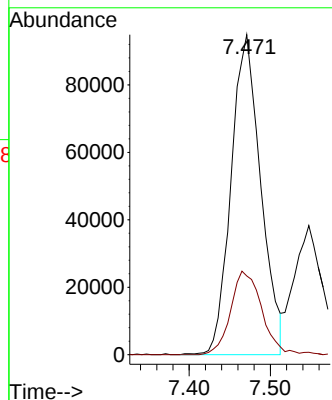
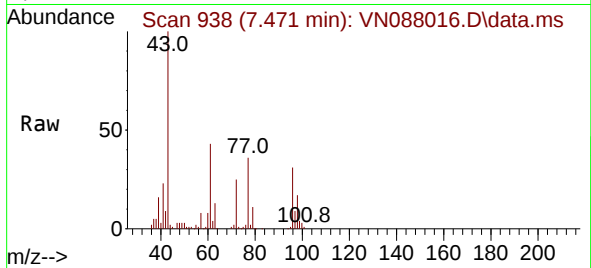




#25
2-Butanone
Concen: 108.075 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

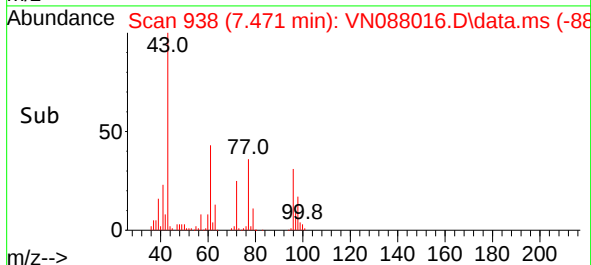
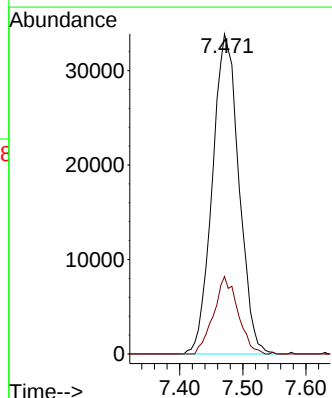
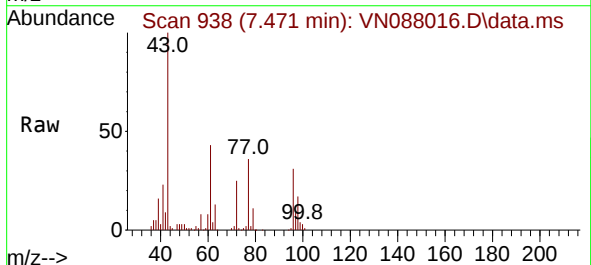
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tgt Ion: 43 Resp: 241051
Ion Ratio Lower Upper
43 100
72 24.6 21.5 32.3



#26
2,2-Dichloropropane
Concen: 22.659 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 77 Resp: 98952
Ion Ratio Lower Upper
77 100
97 22.2 11.5 34.5

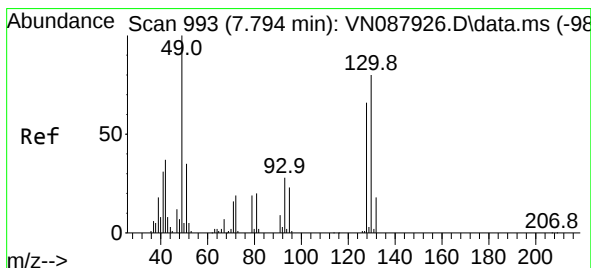
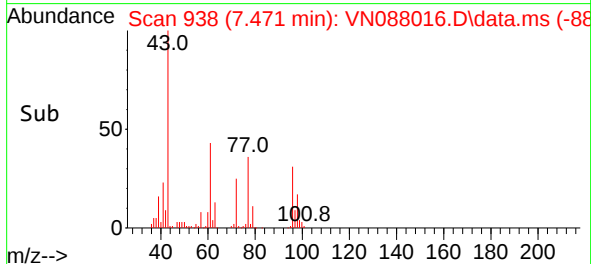
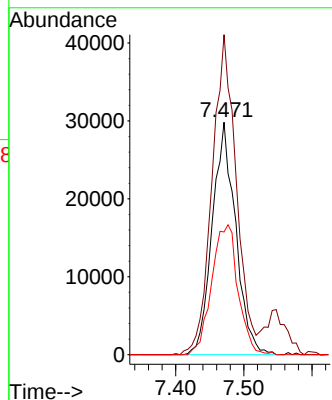
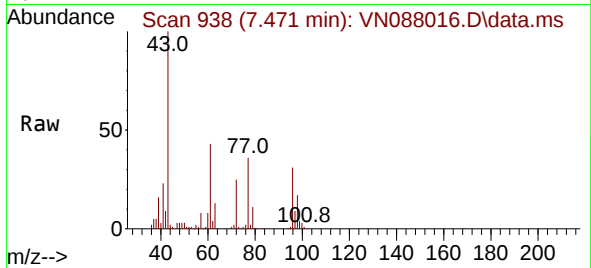




#27
 cis-1,2-Dichloroethene
 Concen: 22.069 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088016.D
 Acq: 03 Oct 2025 12:07

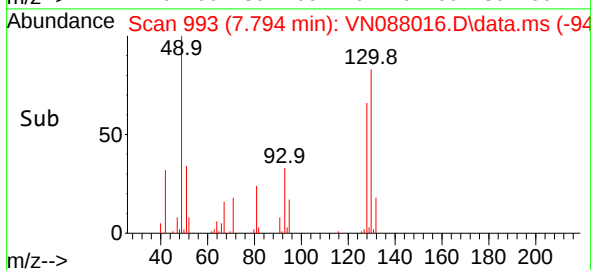
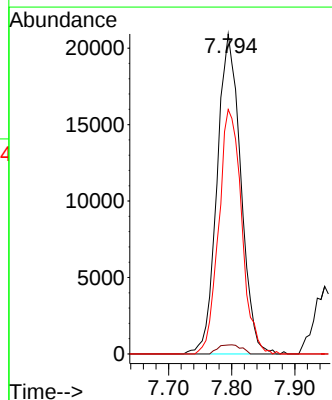
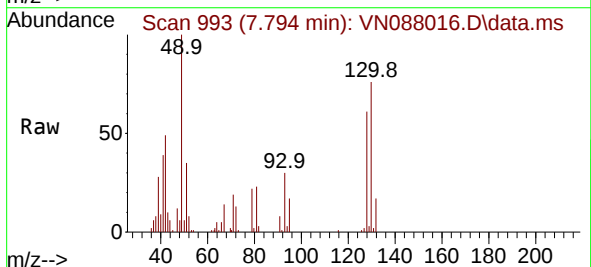
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

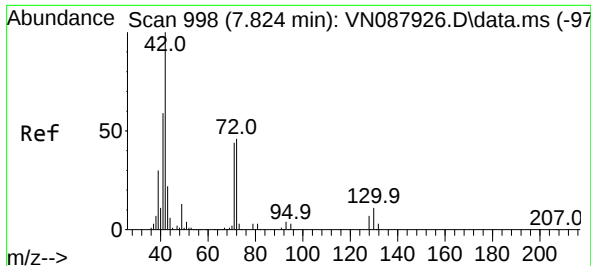
Tgt Ion: 96 Resp: 71261
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 283.0
 98 62.9 0.0 127.6



#28
 Bromochloromethane
 Concen: 20.385 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VN088016.D
 Acq: 03 Oct 2025 12:07

Tgt Ion: 49 Resp: 54438
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 5.4
 130 74.1 62.6 94.0

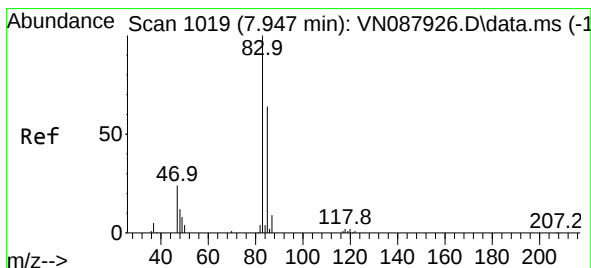
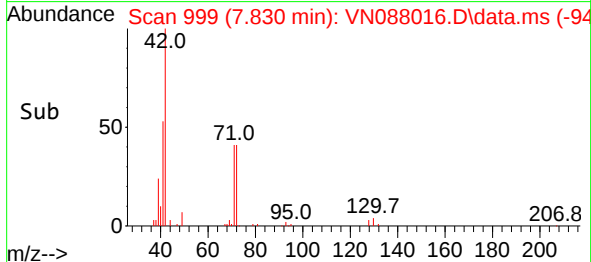
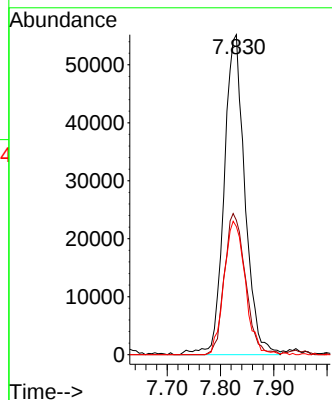
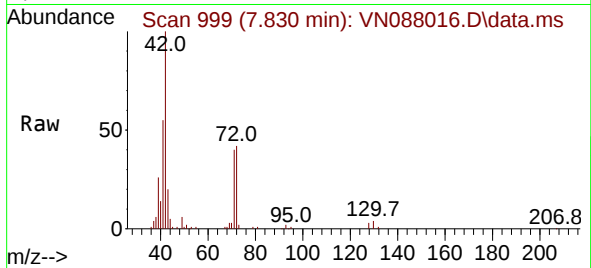




#29
Tetrahydrofuran
Concen: 104.767 ug/l
RT: 7.830 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

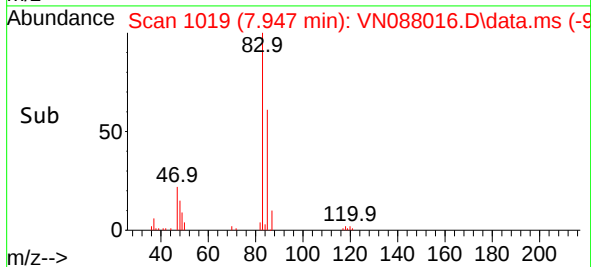
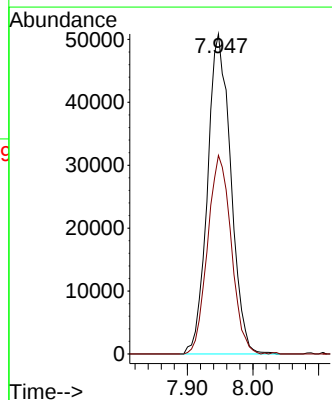
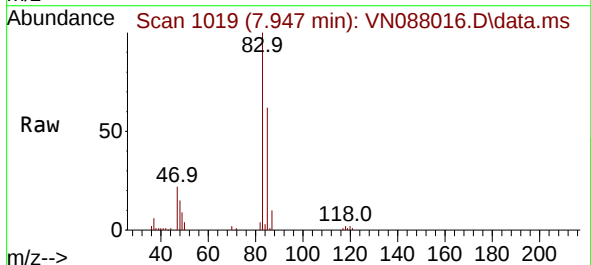
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

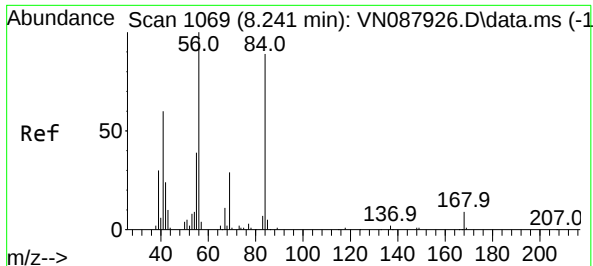
Tgt Ion: 42 Resp: 149625
Ion Ratio Lower Upper
42 100
72 44.7 36.5 54.7
71 42.9 33.8 50.8



#30
Chloroform
Concen: 23.324 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 83 Resp: 125355
Ion Ratio Lower Upper
83 100
85 62.1 50.9 76.3





#31

Cyclohexane

Concen: 21.675 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

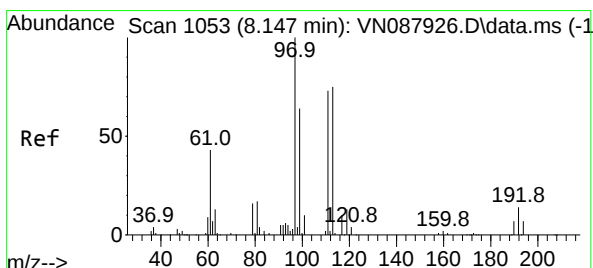
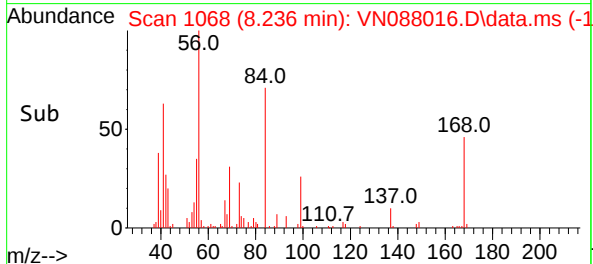
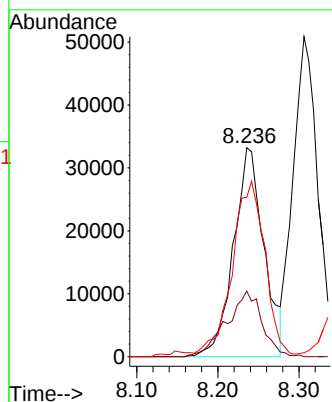
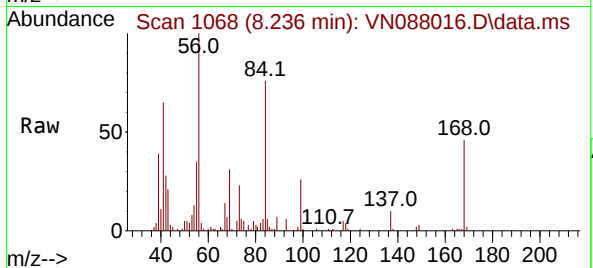
Tgt Ion: 56 Resp: 86204

Ion Ratio Lower Upper

56 100

69 31.4 23.4 35.0

84 74.1 70.8 106.2



#32

1,1,1-Trichloroethane

Concen: 22.217 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

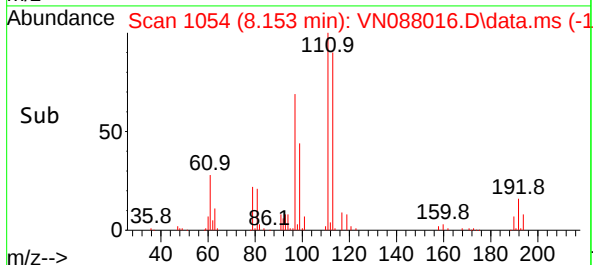
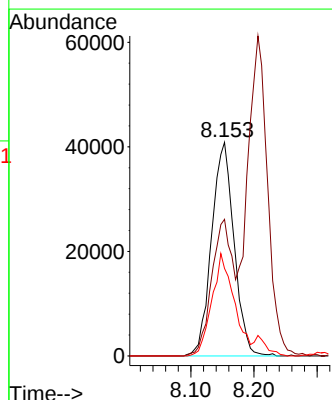
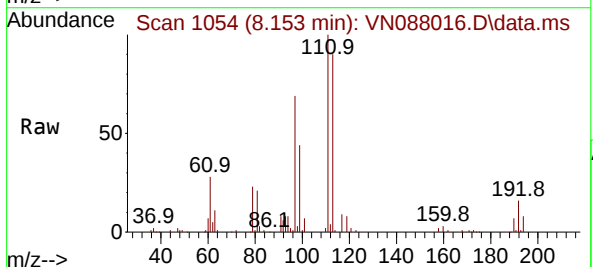
Tgt Ion: 97 Resp: 100892

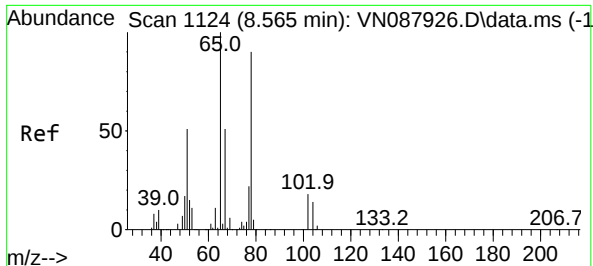
Ion Ratio Lower Upper

97 100

99 59.7 51.1 76.7

61 47.4 38.6 58.0

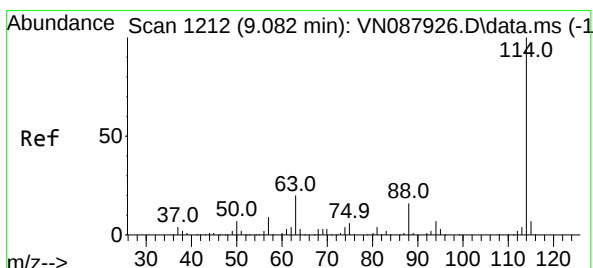
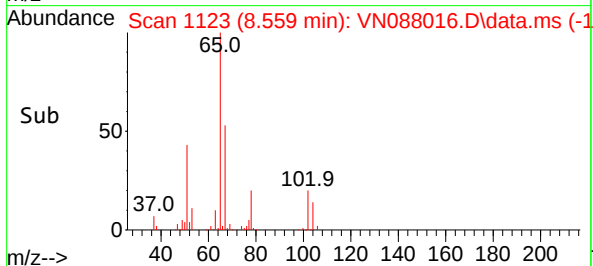
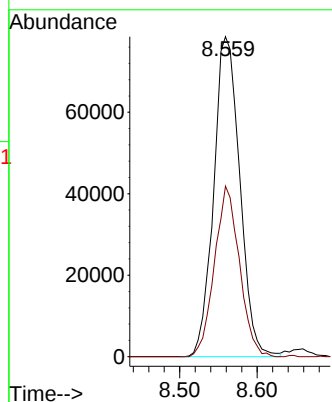
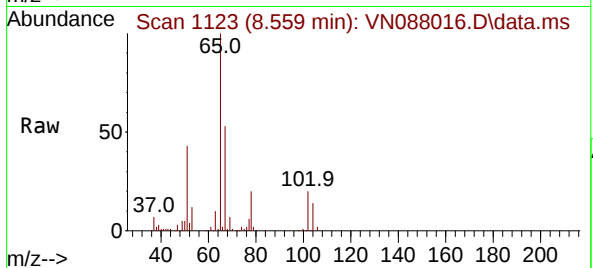




#33
1,2-Dichloroethane-d4
Concen: 51.958 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

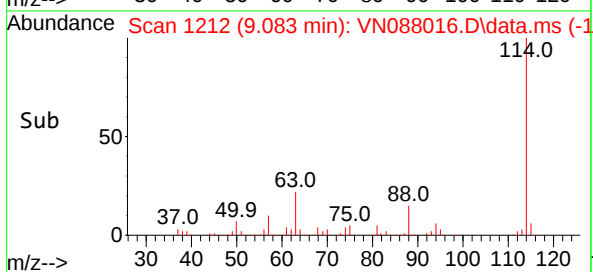
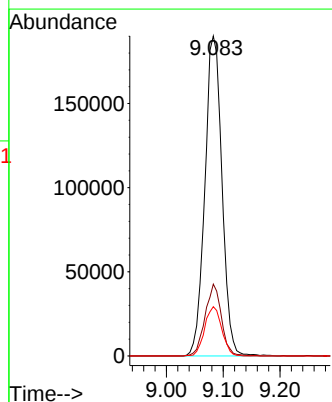
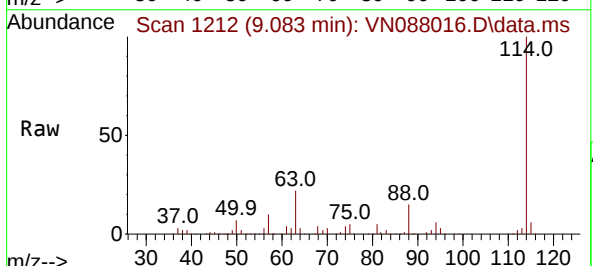
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tgt Ion: 65 Resp: 184280
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 114 Resp: 397174
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.0
88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.944 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

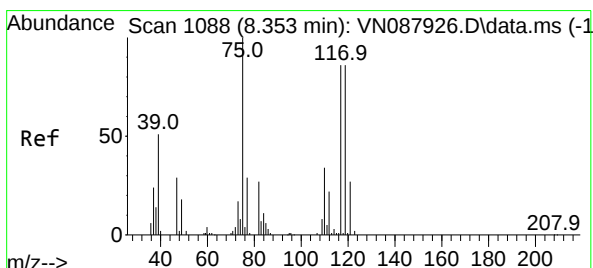
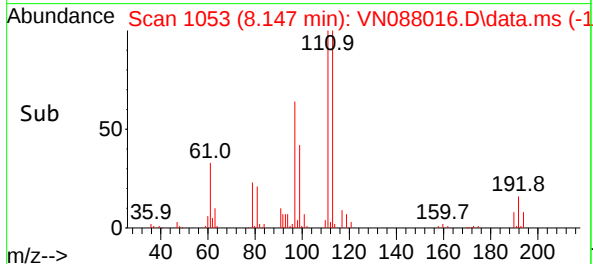
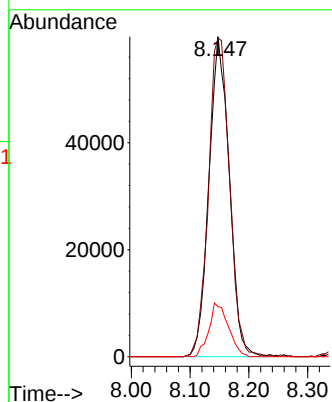
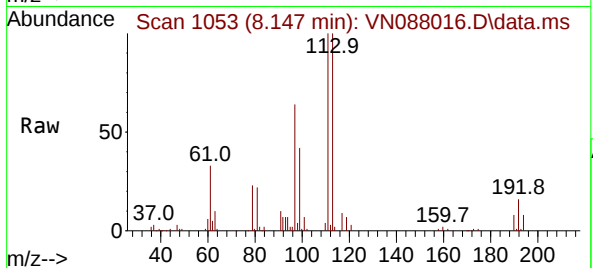
Tgt Ion:113 Resp: 144023

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

192 16.1 14.2 21.2



#36

1,1-Dichloropropene

Concen: 22.027 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

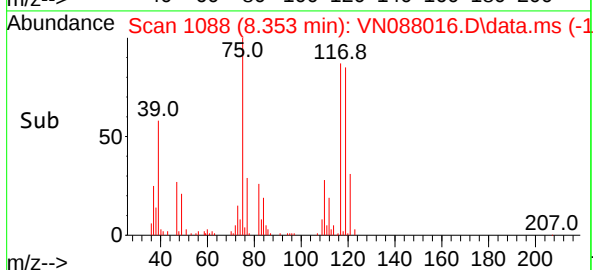
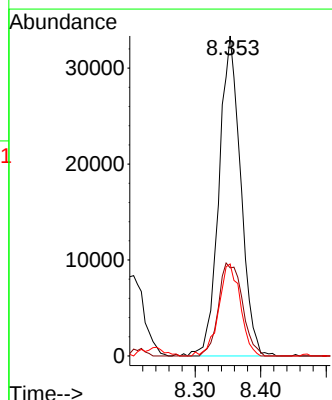
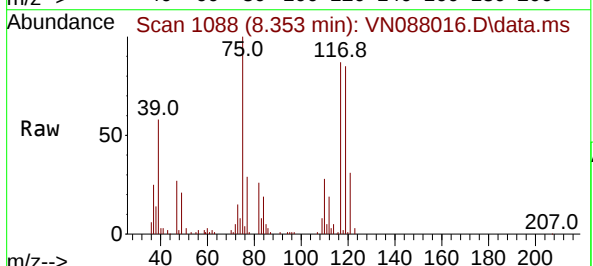
Tgt Ion: 75 Resp: 76378

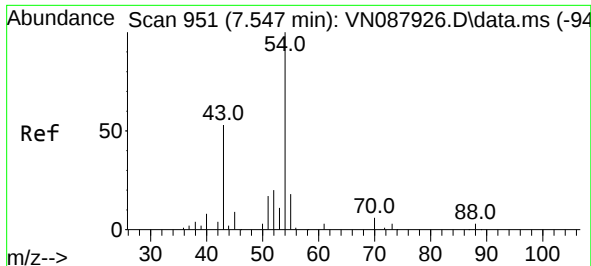
Ion Ratio Lower Upper

75 100

110 32.1 17.1 51.3

77 28.6 24.8 37.2

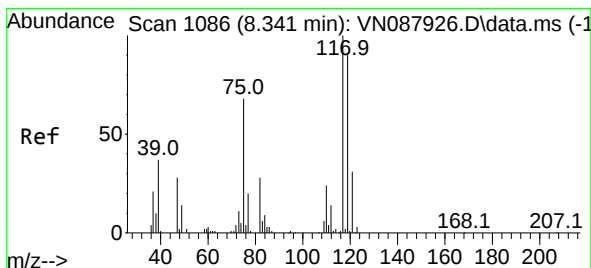
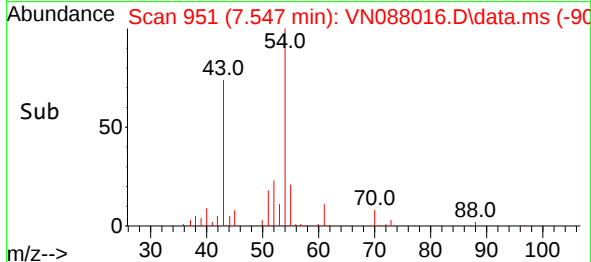
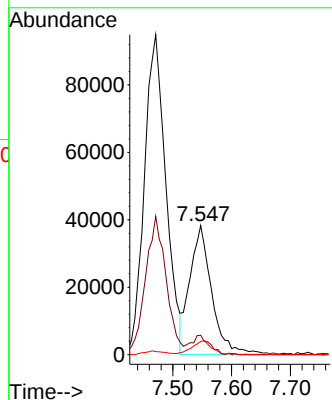
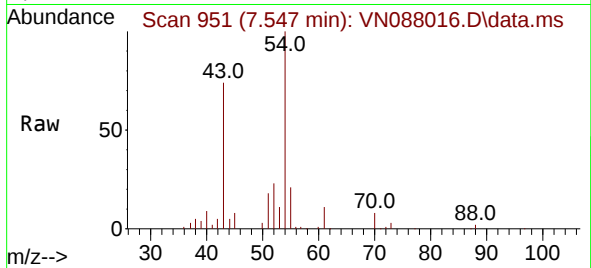




#37
Ethyl Acetate
Concen: 21.716 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

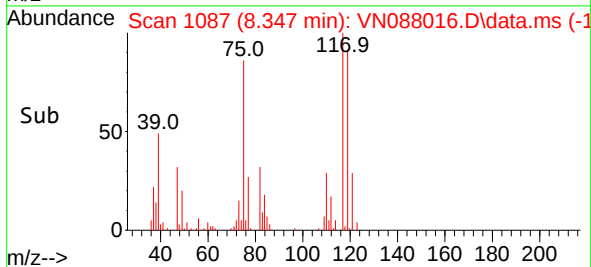
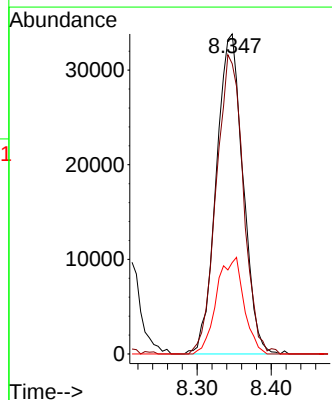
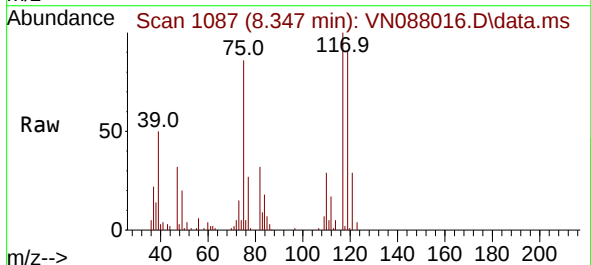
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

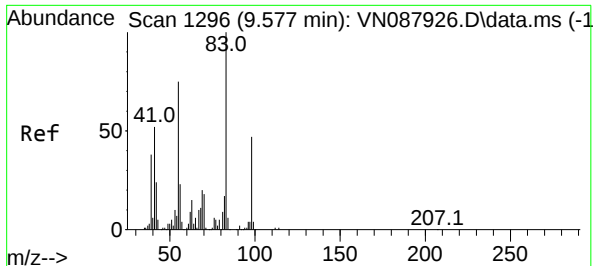
Tgt Ion: 43 Resp: 98881
Ion Ratio Lower Upper
43 100
61 11.6 10.7 16.1
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 21.261 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 117 Resp: 84594
Ion Ratio Lower Upper
117 100
119 90.7 72.1 108.1
121 28.6 24.6 36.8





#39

Methylcyclohexane

Concen: 19.495 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

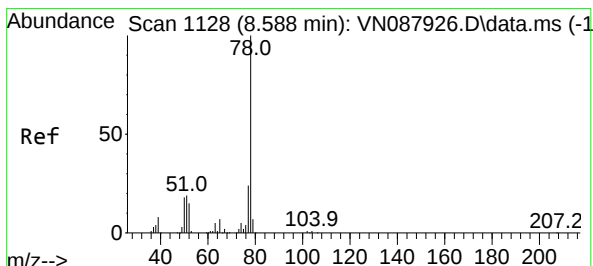
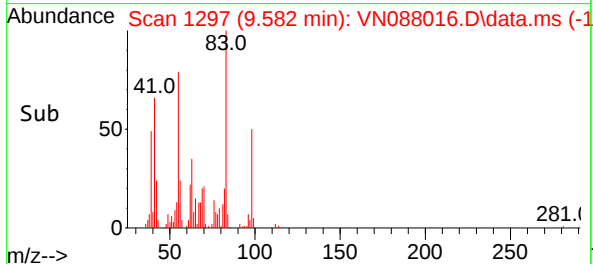
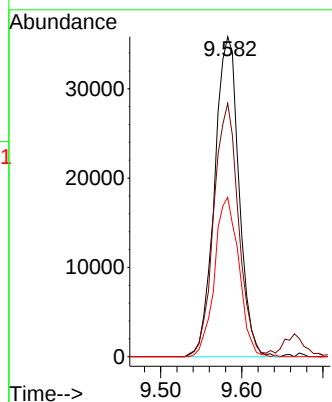
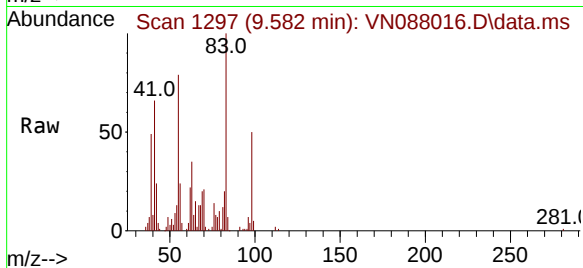
Tgt Ion: 83 Resp: 74573

Ion Ratio Lower Upper

83 100

55 79.2 59.9 89.9

98 49.8 37.4 56.2



#40

Benzene

Concen: 21.146 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN088016.D

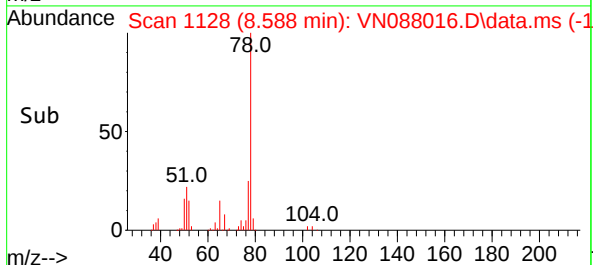
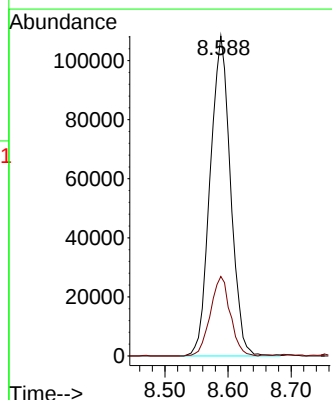
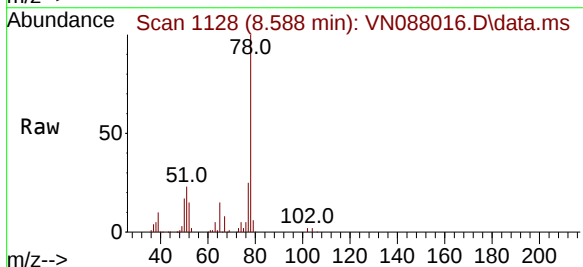
Acq: 03 Oct 2025 12:07

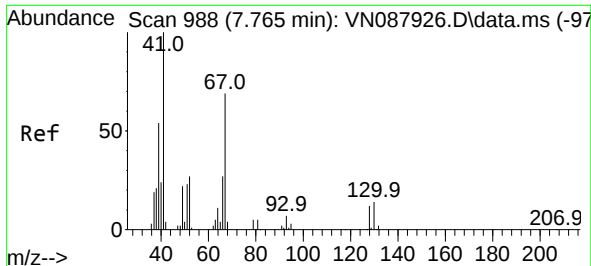
Tgt Ion: 78 Resp: 242780

Ion Ratio Lower Upper

78 100

77 24.8 19.0 28.6

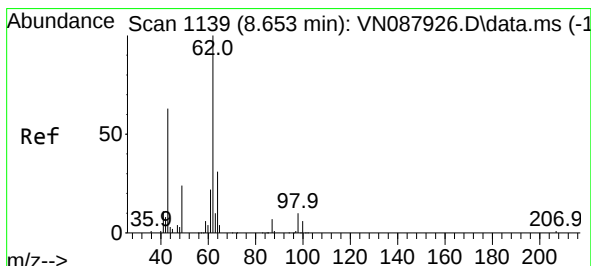
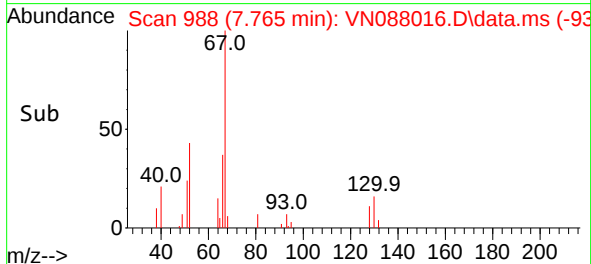
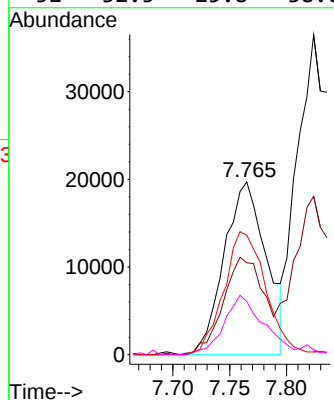
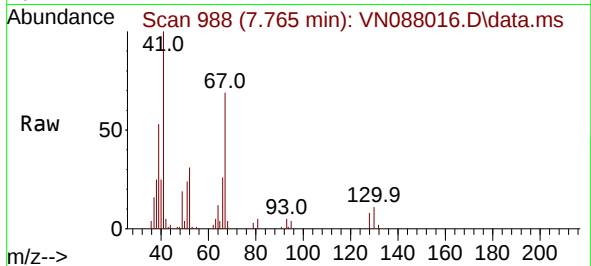




#41
Methacrylonitrile
Concen: 21.535 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

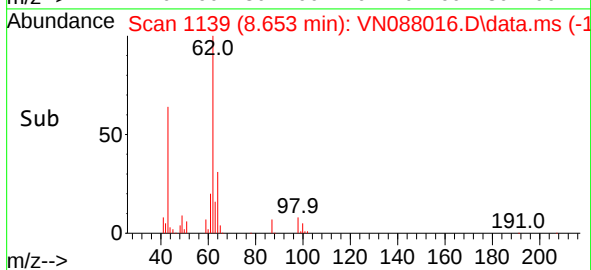
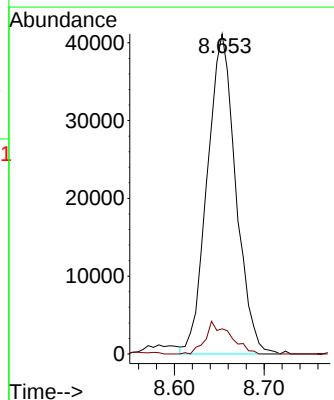
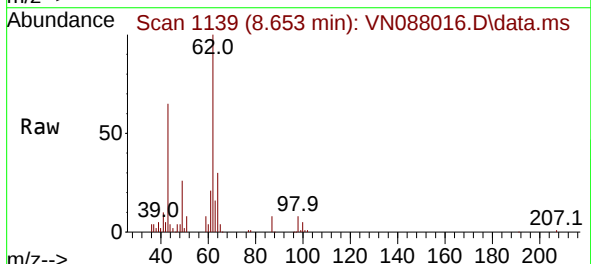
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

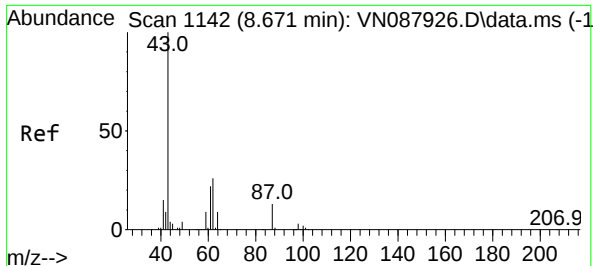
Tgt Ion: 41	Resp: 50675
Ion Ratio	Lower Upper
41 100	
39 54.3	43.5 65.3
67 71.5	57.6 86.4
52 32.5	25.8 38.6



#42
1,2-Dichloroethane
Concen: 21.200 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 62	Resp: 90833
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 18.6

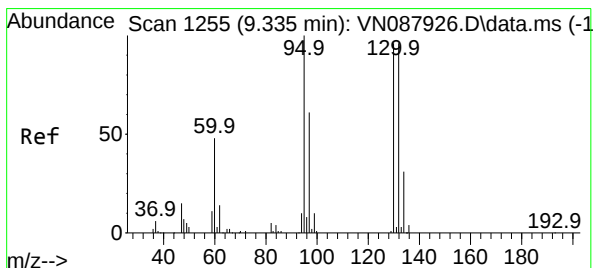
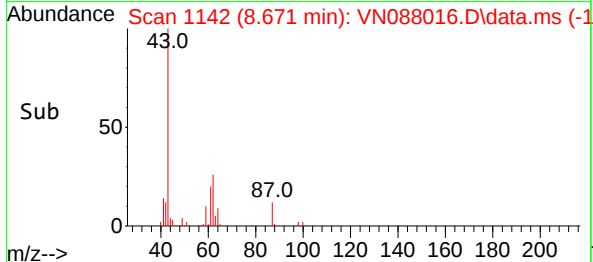
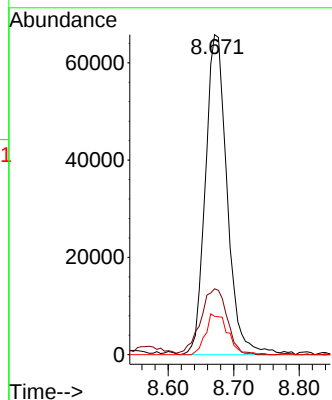
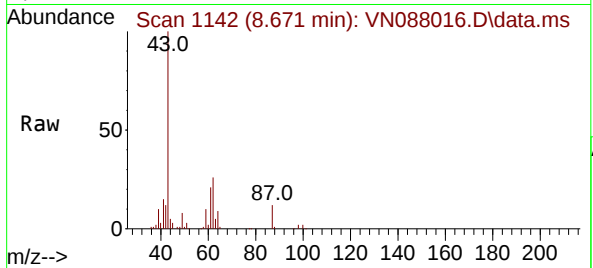




#43
Isopropyl Acetate
Concen: 21.143 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

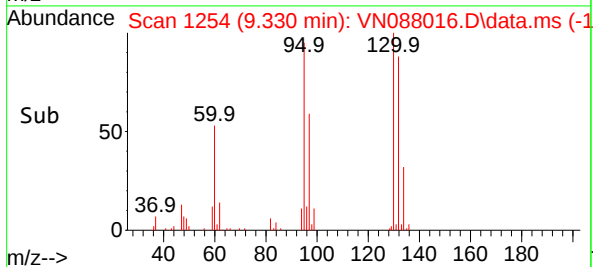
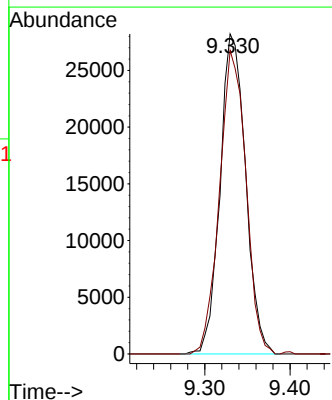
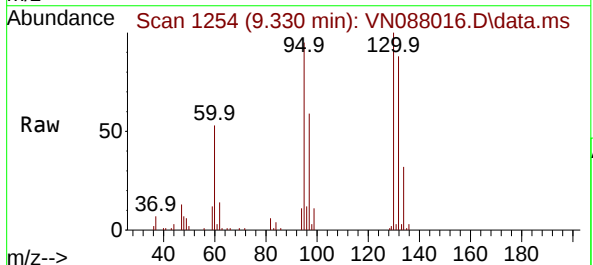
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

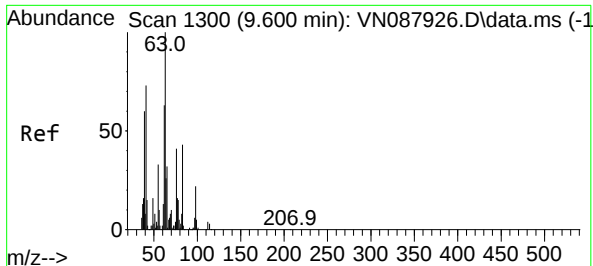
Tgt Ion: 43 Resp: 151542
Ion Ratio Lower Upper
43 100
61 25.2 20.2 30.2
87 12.8 10.9 16.3



#44
Trichloroethene
Concen: 21.430 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion:130 Resp: 58771
Ion Ratio Lower Upper
130 100
95 94.9 0.0 208.0





#45

1,2-Dichloropropane

Concen: 22.327 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

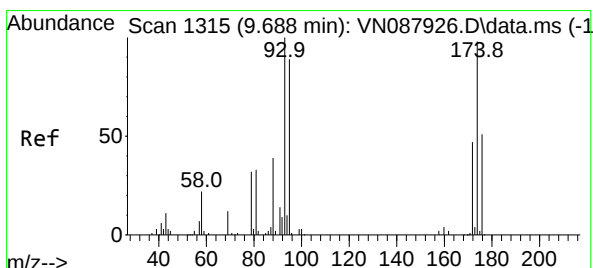
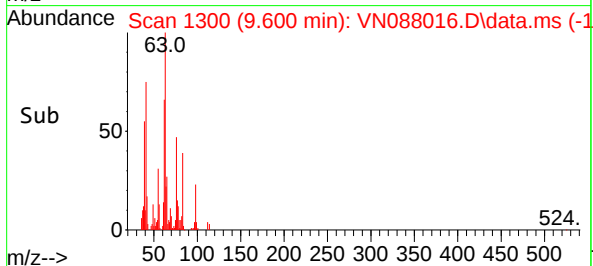
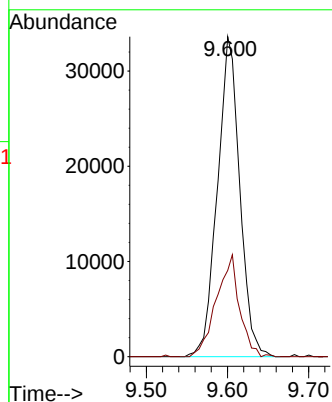
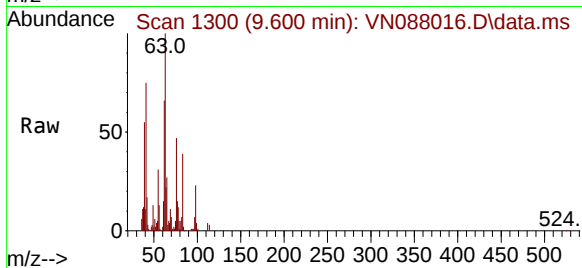
VN1003WBS01

Tgt Ion: 63 Resp: 64277

Ion Ratio Lower Upper

63 100

65 27.0 25.4 38.0



#46

Dibromomethane

Concen: 22.273 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

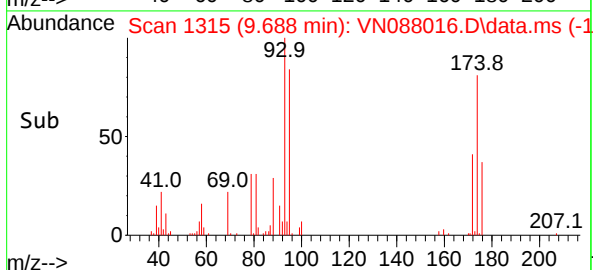
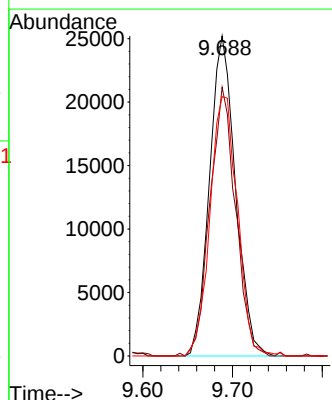
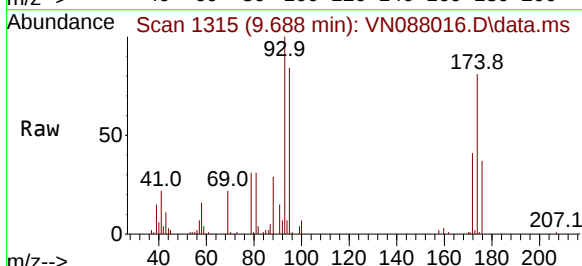
Tgt Ion: 93 Resp: 50598

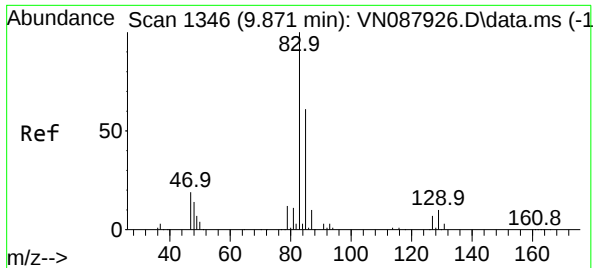
Ion Ratio Lower Upper

93 100

95 82.8 67.6 101.4

174 85.8 75.4 113.0

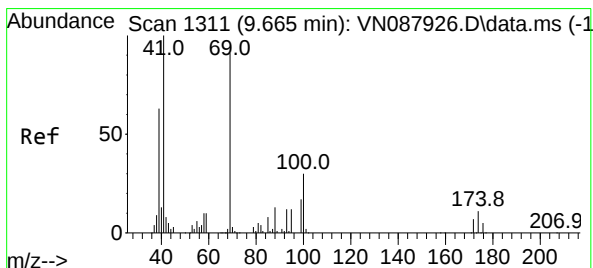
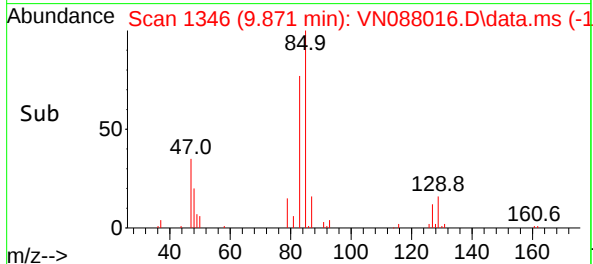
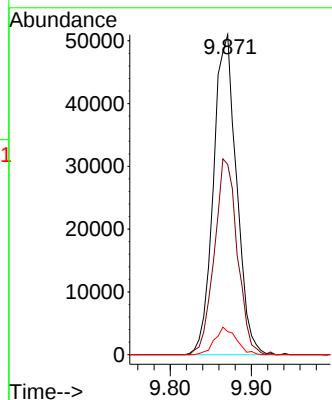
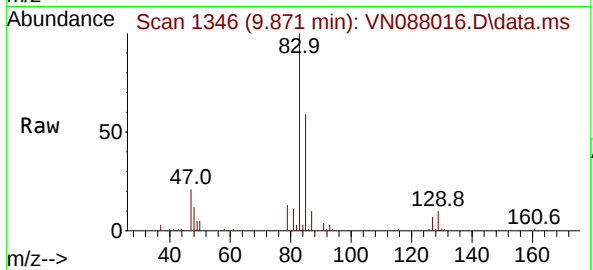




#47
Bromodichloromethane
Concen: 22.614 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

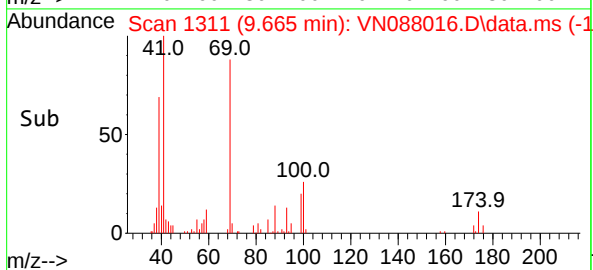
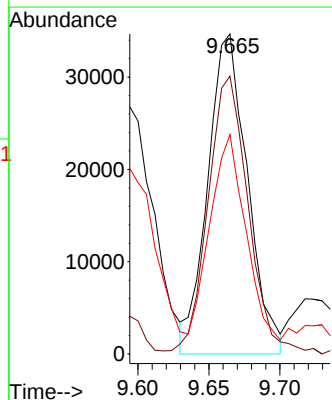
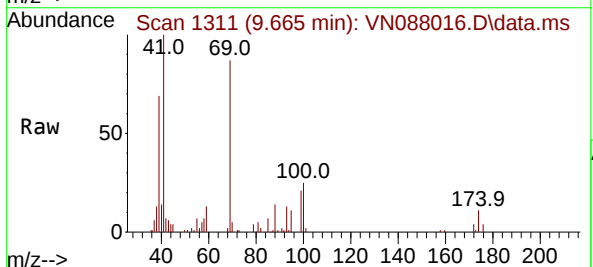
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

Tgt Ion: 83 Resp: 100758
Ion Ratio Lower Upper
83 100
85 59.4 49.1 73.7
127 7.2 5.9 8.9



#48
Methyl methacrylate
Concen: 20.306 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 41 Resp: 67399
Ion Ratio Lower Upper
41 100
69 88.0 70.9 106.3
39 64.7 52.9 79.3





#49

1,4-Dioxane

Concen: 420.425 ug/l

RT: 9.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

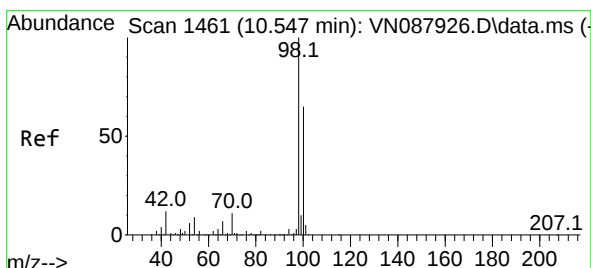
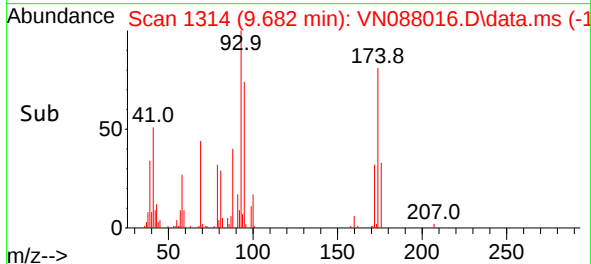
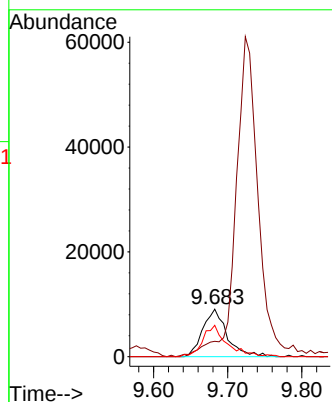
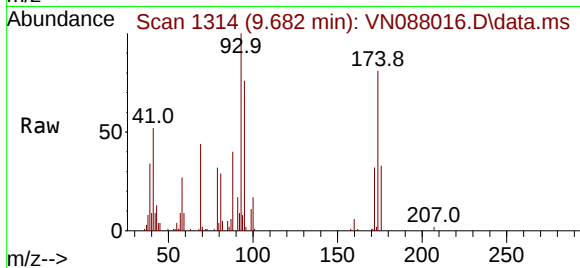
Tgt Ion: 88 Resp: 20615

Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8#

58 64.6 57.4 86.2



#50

Toluene-d8

Concen: 49.825 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN088016.D

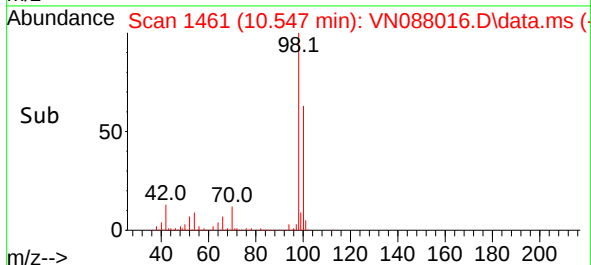
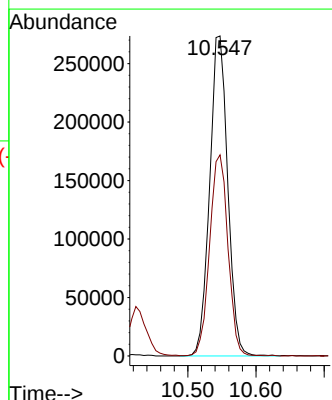
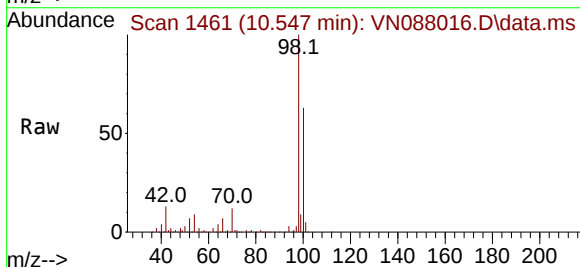
Acq: 03 Oct 2025 12:07

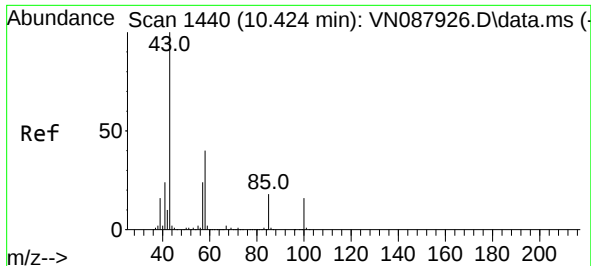
Tgt Ion: 98 Resp: 505265

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5

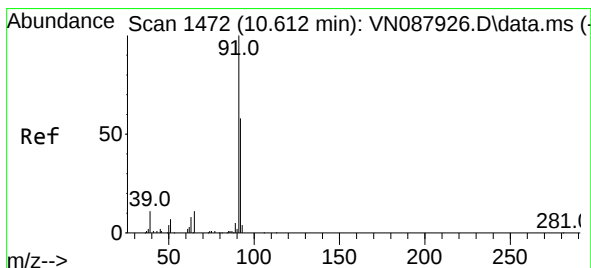
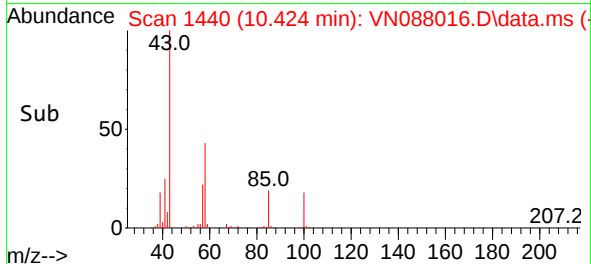
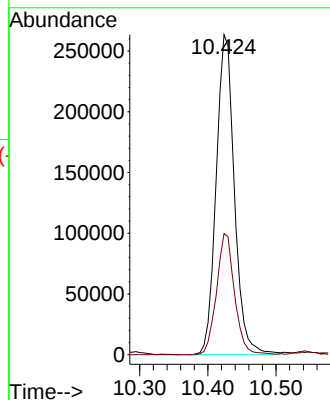
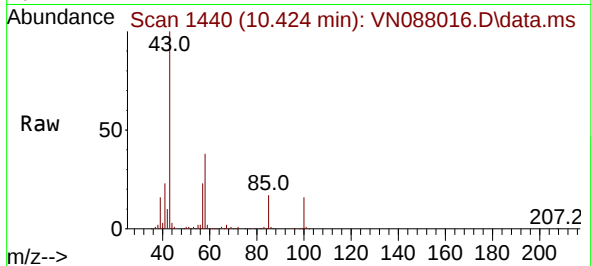




#51
4-Methyl-2-Pentanone
Concen: 109.887 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

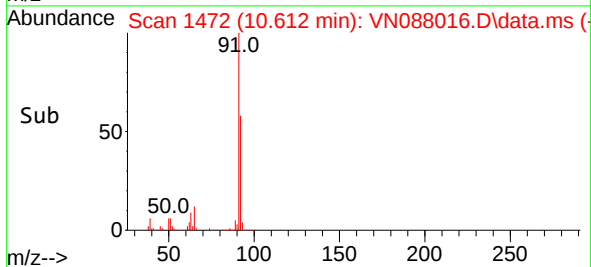
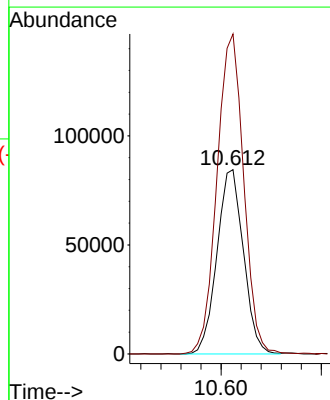
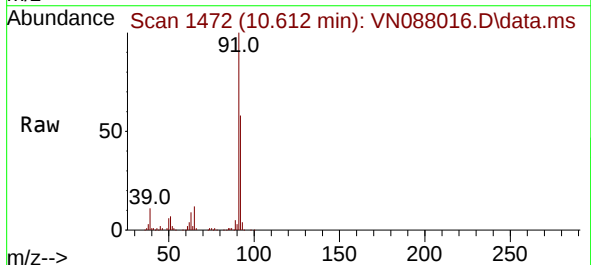
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

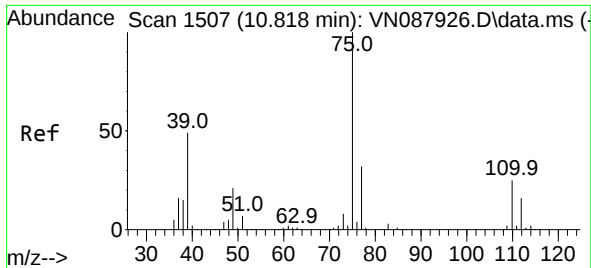
Tgt Ion: 43 Resp: 491455
Ion Ratio Lower Upper
43 100
58 37.3 31.0 46.6



#52
Toluene
Concen: 21.469 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 92 Resp: 154675
Ion Ratio Lower Upper
92 100
91 175.1 138.2 207.2

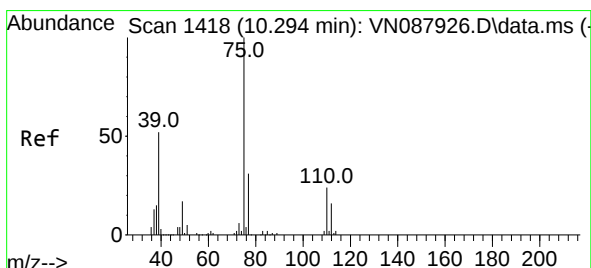
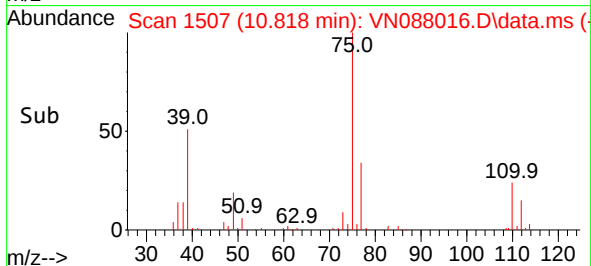
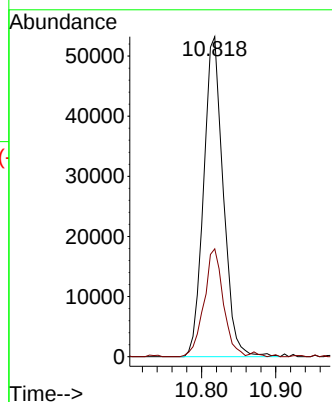
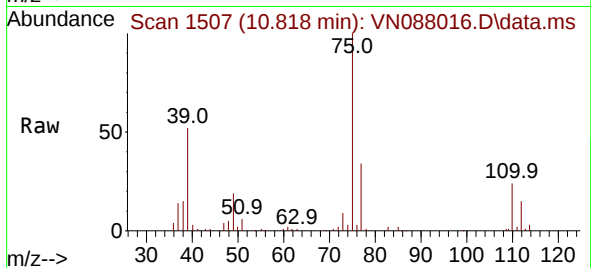




#53
 t-1,3-Dichloropropene
 Concen: 21.410 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN088016.D
 Acq: 03 Oct 2025 12:07

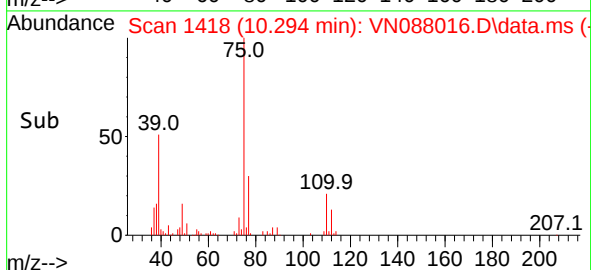
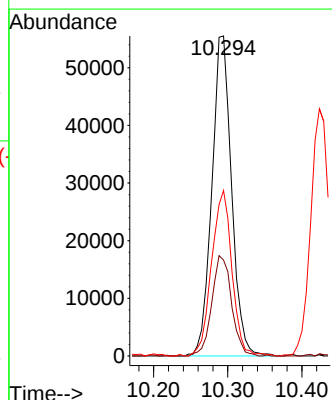
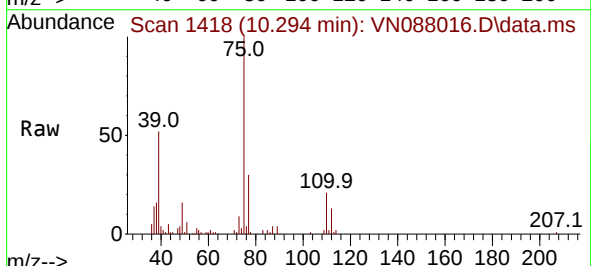
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

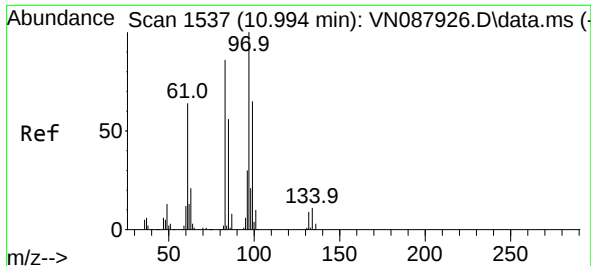
Tgt Ion: 75 Resp: 97633
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 21.666 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088016.D
 Acq: 03 Oct 2025 12:07

Tgt Ion: 75 Resp: 102613
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.7 37.1
 39 51.7 41.4 62.0

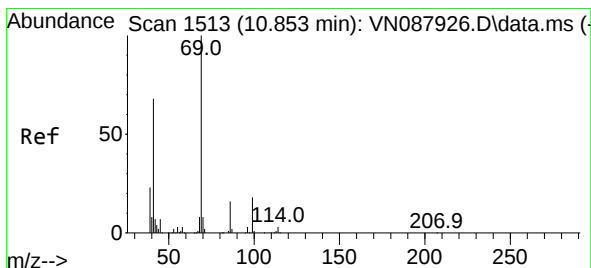
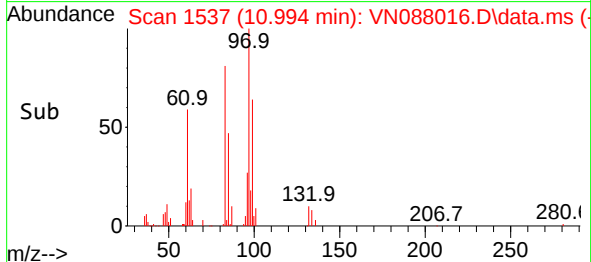
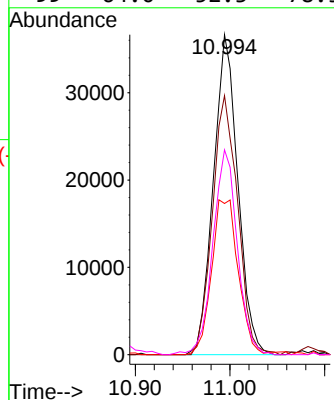
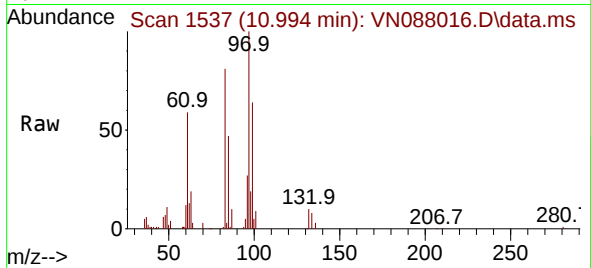




#55
1,1,2-Trichloroethane
Concen: 22.435 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

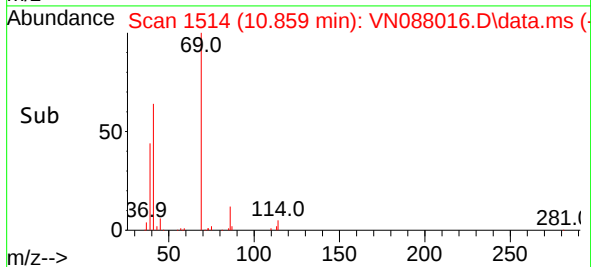
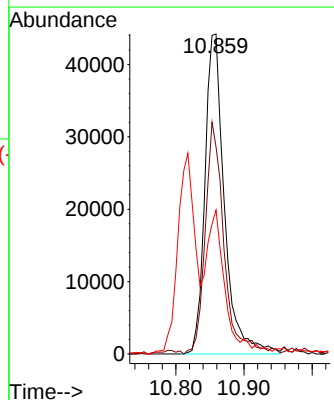
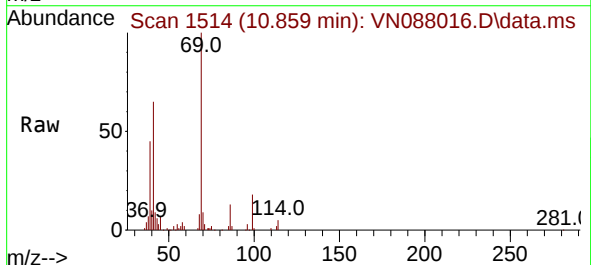
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

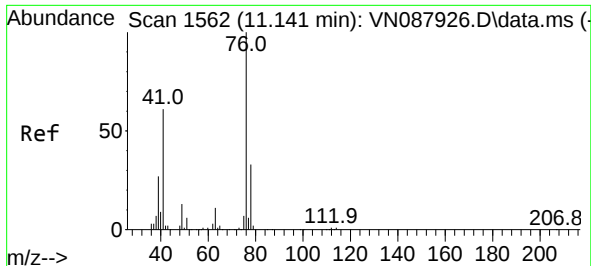
Tgt Ion:	97	Resp:	65722
Ion	Ratio	Lower	Upper
97	100		
83	81.0	69.0	103.4
85	47.3	44.4	66.6
99	64.0	52.3	78.5



#56
Ethyl methacrylate
Concen: 20.826 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion:	69	Resp:	88156
Ion	Ratio	Lower	Upper
69	100		
41	69.9	53.8	80.6
39	42.1	34.7	52.1





#57

1,3-Dichloropropane

Concen: 22.374 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. 0.000 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

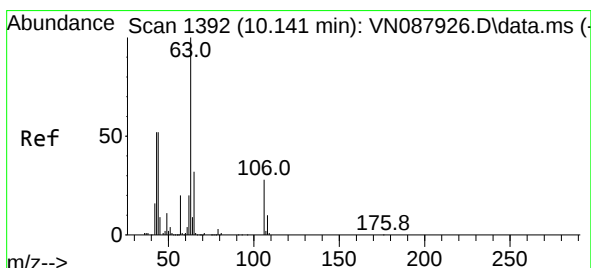
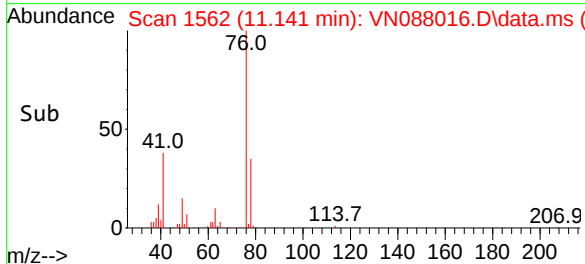
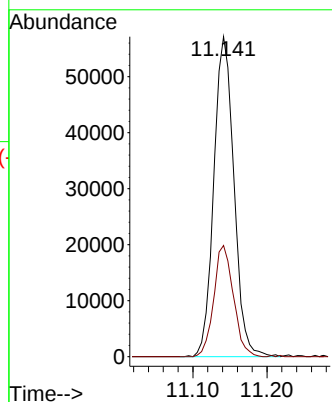
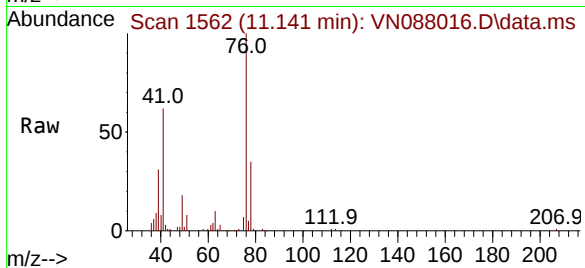
VN1003WBS01

Tgt Ion: 76 Resp: 107806

Ion Ratio Lower Upper

76 100

78 33.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 124.104 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN088016.D

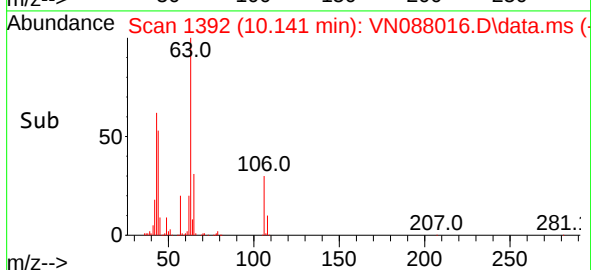
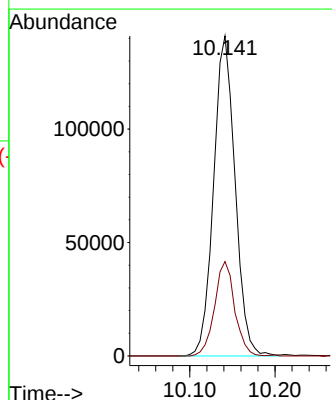
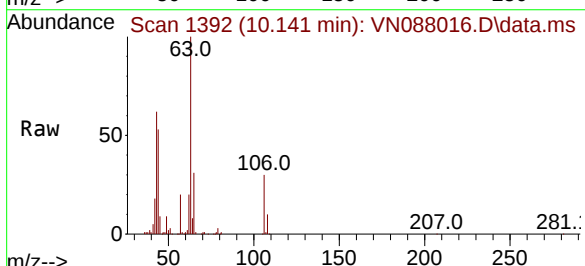
Acq: 03 Oct 2025 12:07

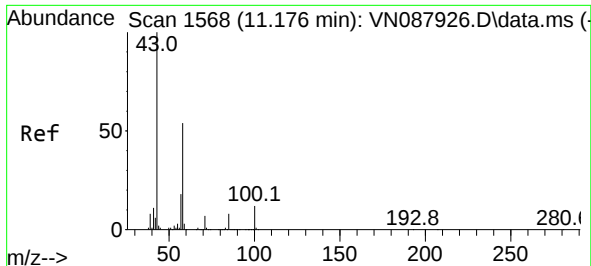
Tgt Ion: 63 Resp: 246994

Ion Ratio Lower Upper

63 100

106 27.6 22.6 33.8

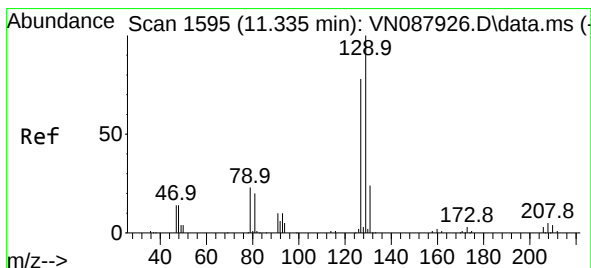
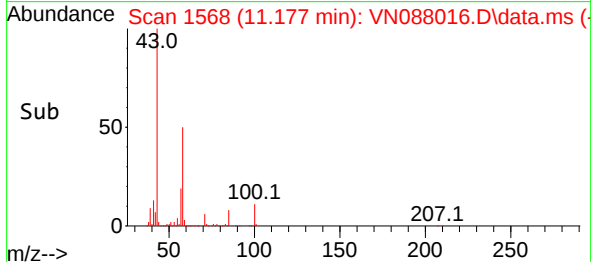
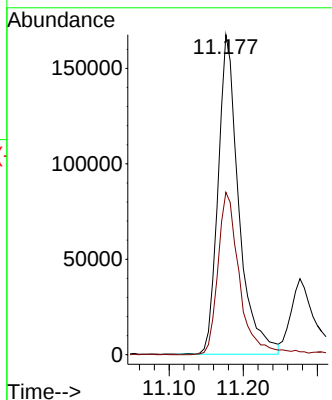
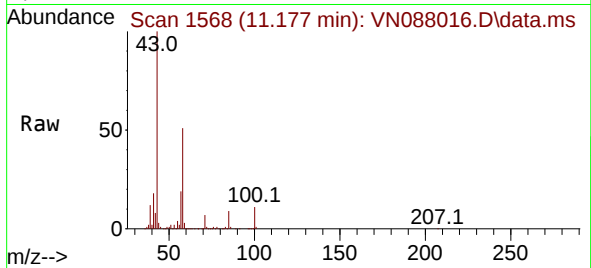




#59
2-Hexanone
Concen: 109.768 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

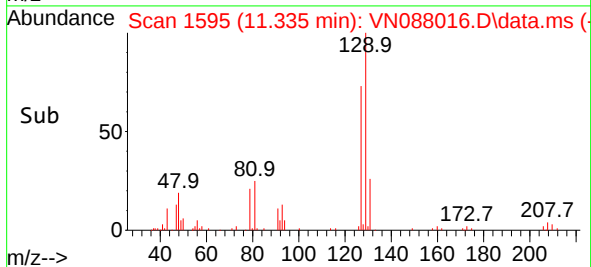
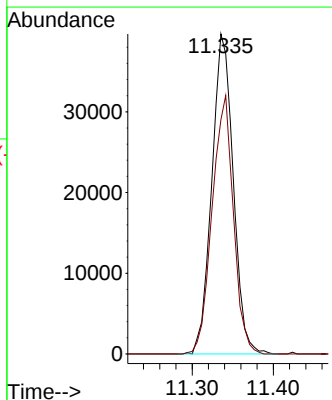
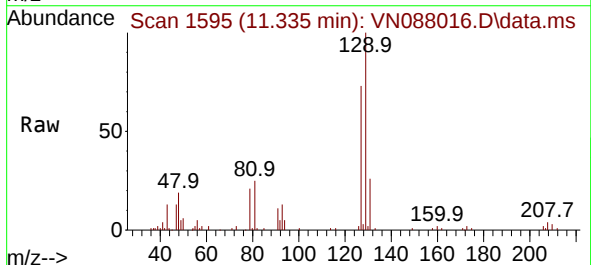
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

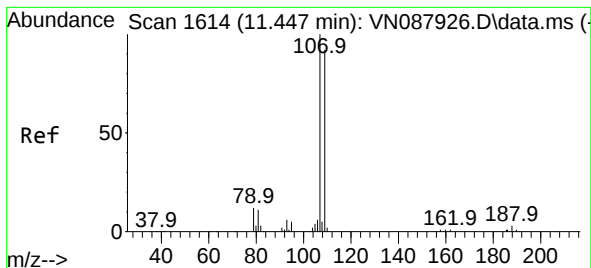
Tgt Ion: 43 Resp: 324609
Ion Ratio Lower Upper
43 100
58 53.4 26.4 79.2



#60
Dibromochloromethane
Concen: 21.101 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 129 Resp: 72678
Ion Ratio Lower Upper
129 100
127 80.2 39.3 117.9

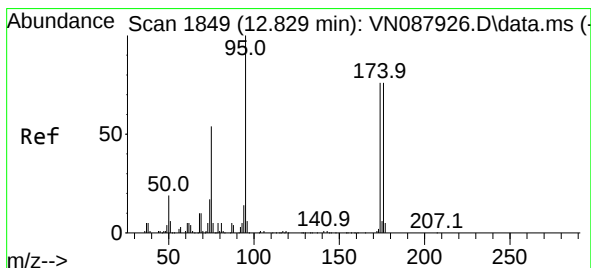
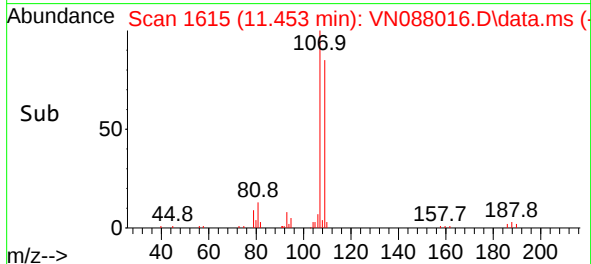
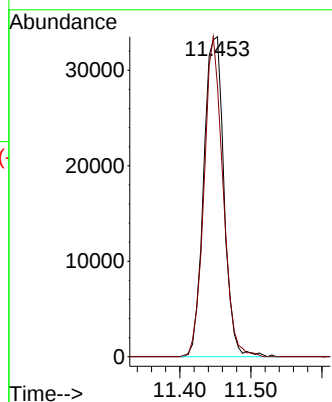
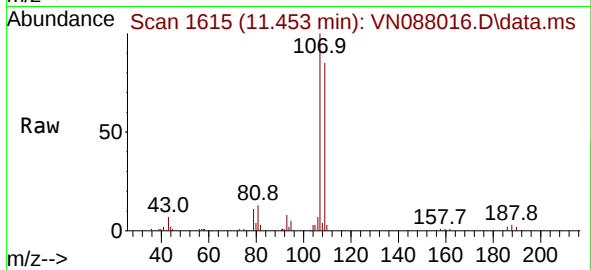




#61
1,2-Dibromoethane
Concen: 21.404 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

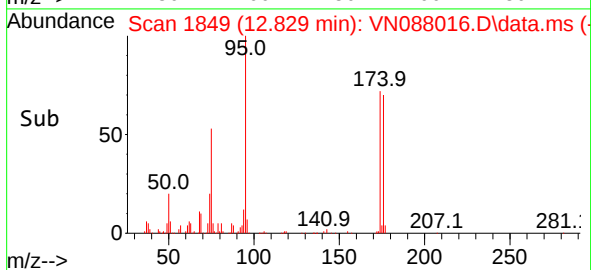
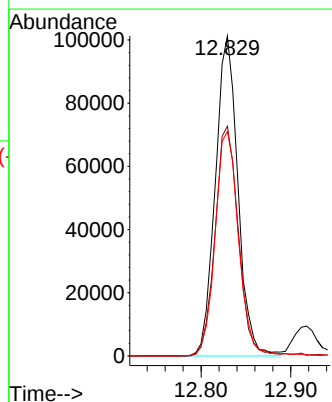
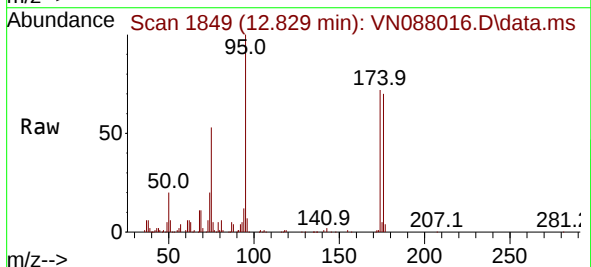
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

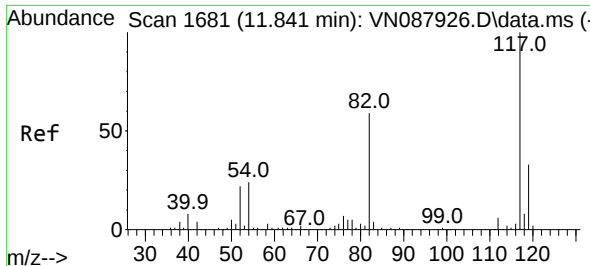
Tgt Ion:107 Resp: 66379
Ion Ratio Lower Upper
107 100
109 93.4 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 48.782 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 95 Resp: 176825
Ion Ratio Lower Upper
95 100
174 74.0 0.0 159.2
176 72.9 0.0 152.6

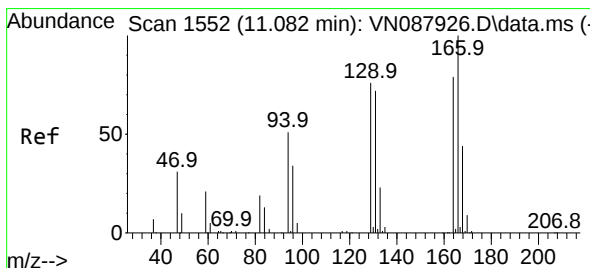
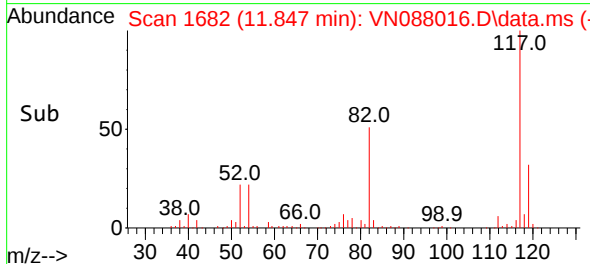
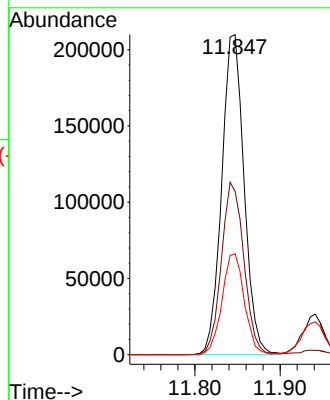
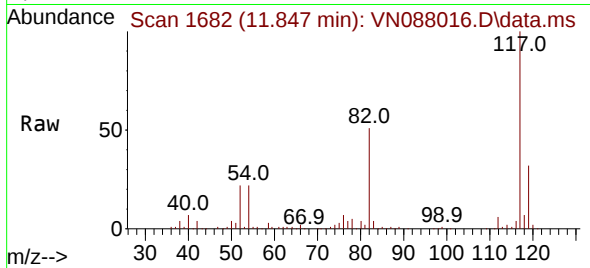




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

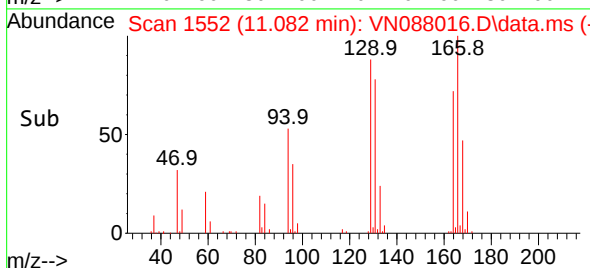
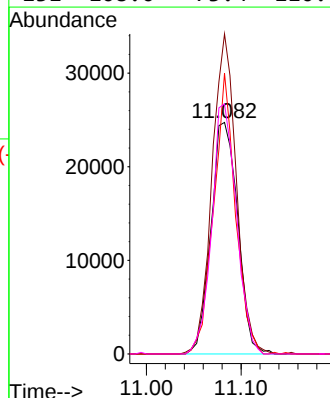
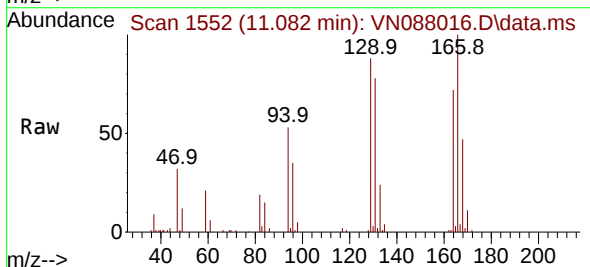
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

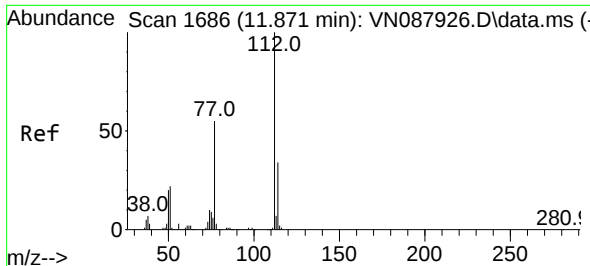
Tgt Ion:117 Resp: 382298
Ion Ratio Lower Upper
117 100
82 51.0 47.0 70.4
119 31.5 26.1 39.1



#64
Tetrachloroethene
Concen: 20.884 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion:164 Resp: 48633
Ion Ratio Lower Upper
164 100
166 138.2 101.6 152.4
129 121.3 77.5 116.3#
131 108.0 73.4 110.0

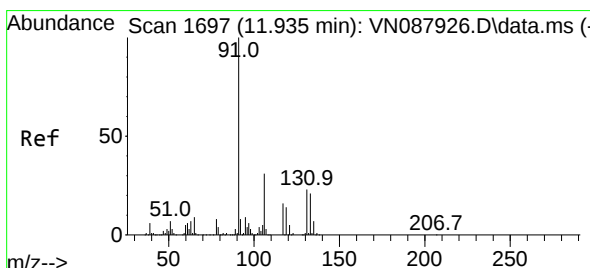
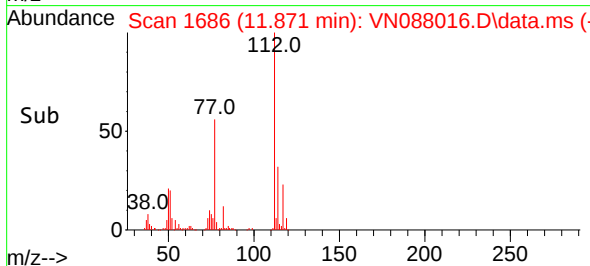
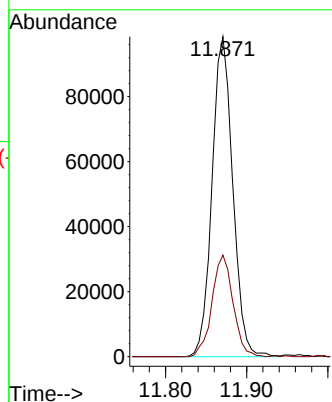
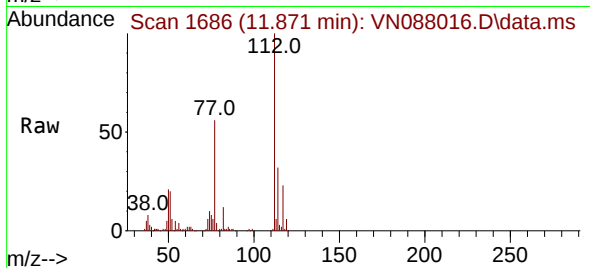




#65
Chlorobenzene
Concen: 21.465 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

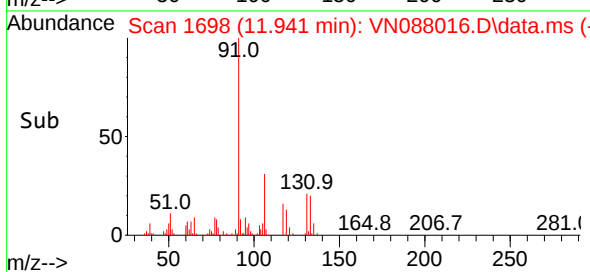
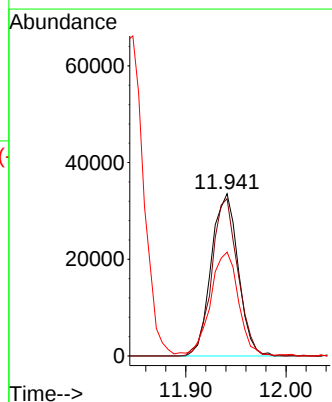
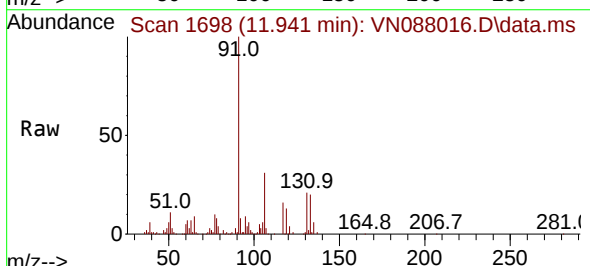
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

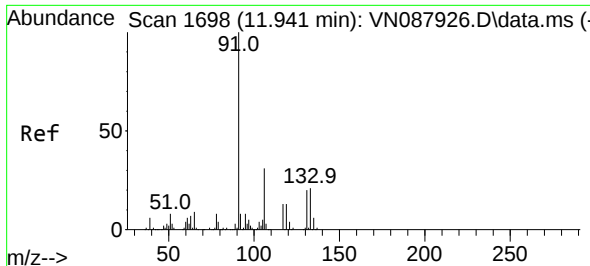
Tgt Ion:112 Resp: 174633
Ion Ratio Lower Upper
112 100
114 31.7 27.2 40.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.310 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion:131 Resp: 62521
Ion Ratio Lower Upper
131 100
133 94.4 48.4 145.0
119 65.3 31.9 95.5

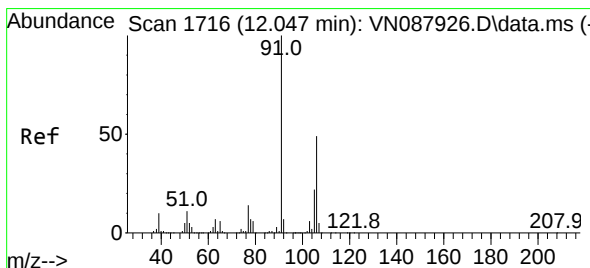
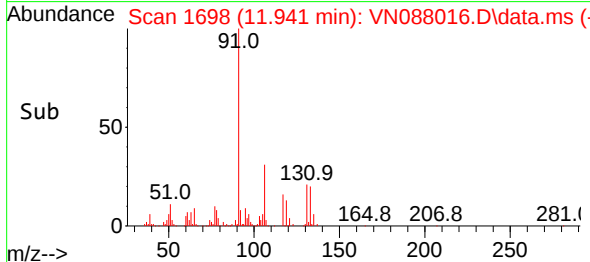
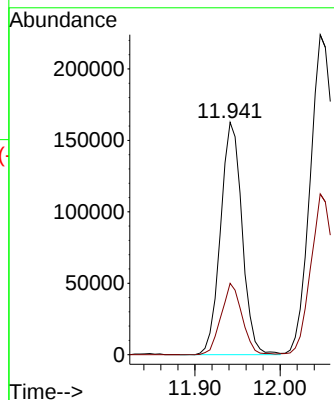
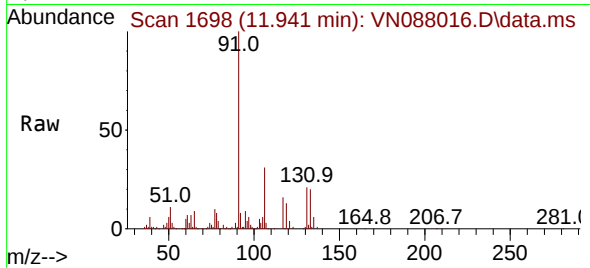




#67
Ethyl Benzene
Concen: 21.048 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

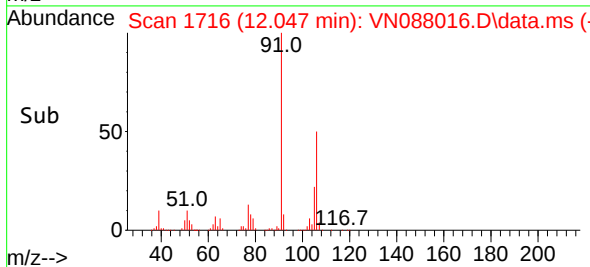
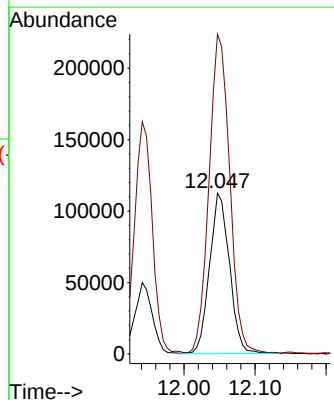
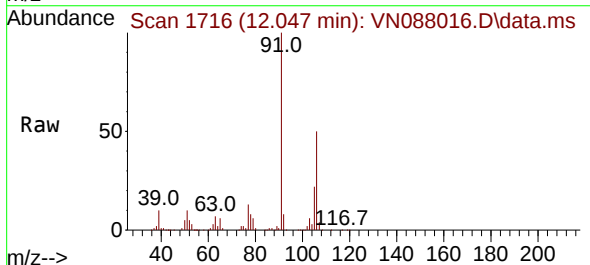
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

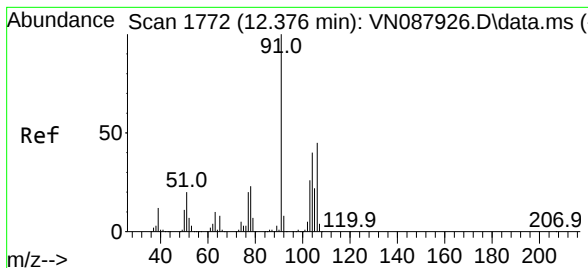
Tgt Ion: 91 Resp: 285734
Ion Ratio Lower Upper
91 100
106 30.7 25.2 37.8



#68
m/p-Xylenes
Concen: 42.010 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 106 Resp: 218109
Ion Ratio Lower Upper
106 100
91 207.2 162.9 244.3

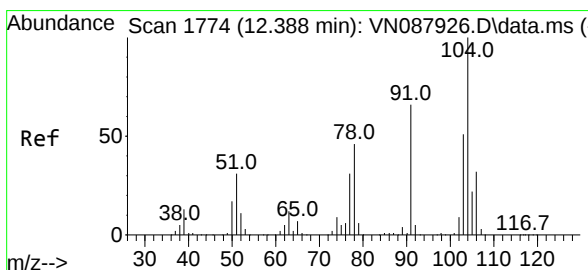
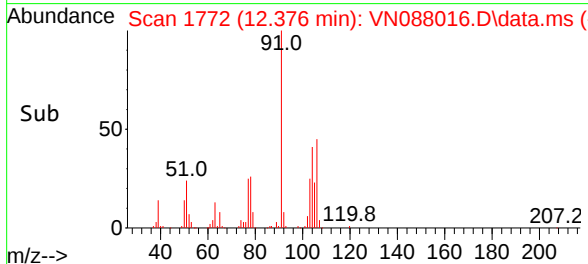
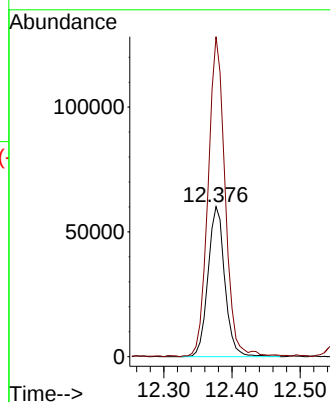
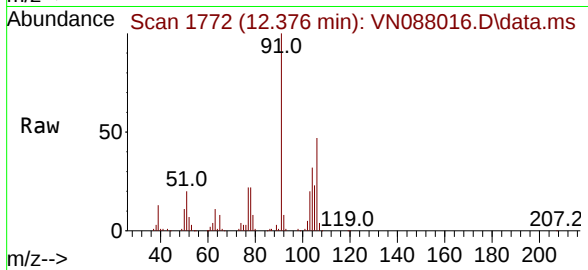




#69
o-Xylene
Concen: 20.666 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

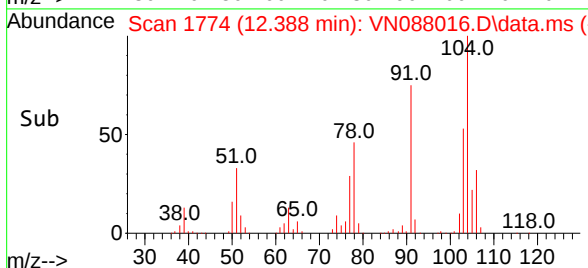
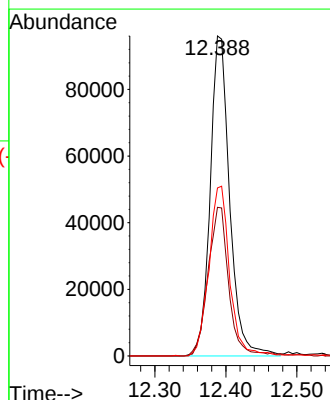
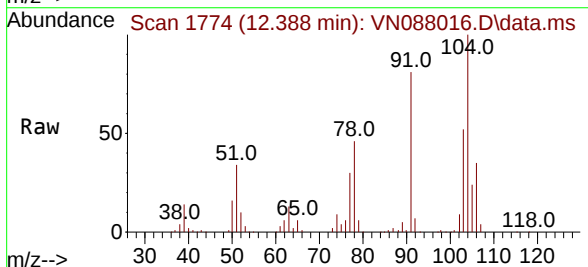
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

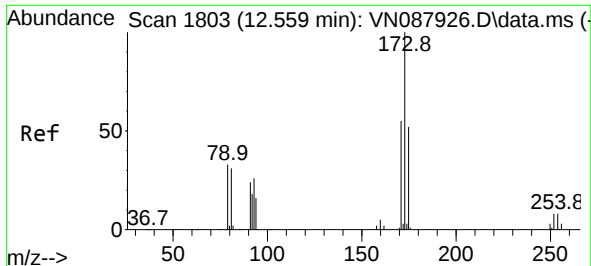
Tgt Ion:106 Resp: 103083
Ion Ratio Lower Upper
106 100
91 216.9 108.2 324.6



#70
Styrene
Concen: 21.346 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion:104 Resp: 182866
Ion Ratio Lower Upper
104 100
78 49.1 39.7 59.5
103 56.6 44.6 67.0

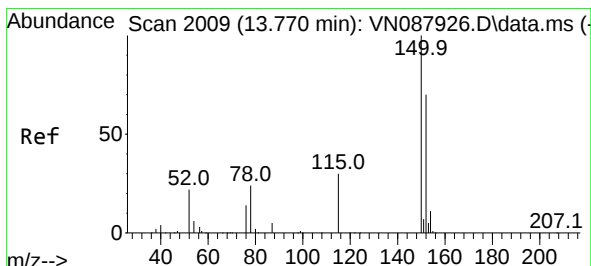
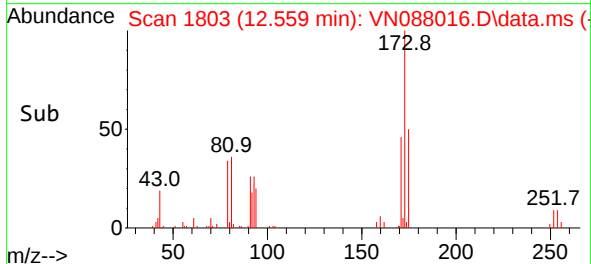
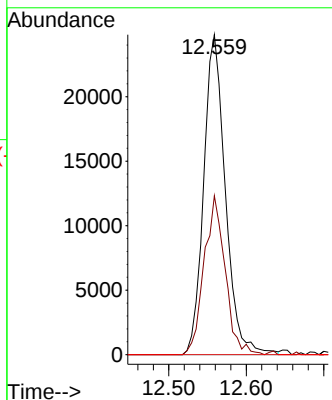
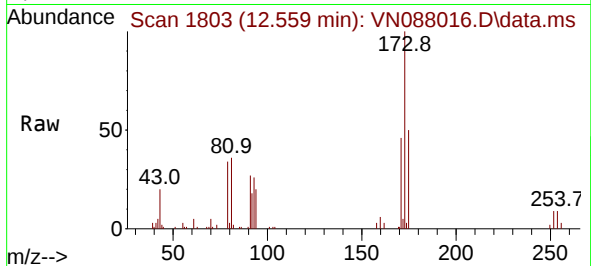




#71
Bromoform
Concen: 20.267 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

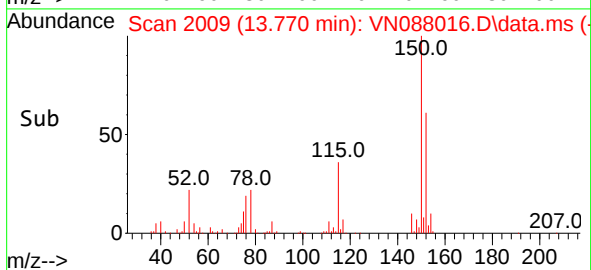
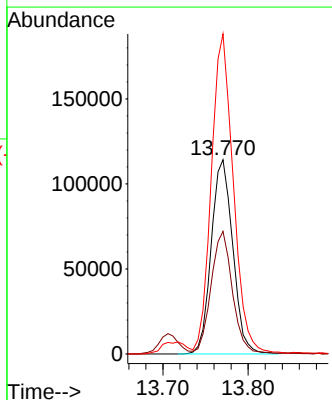
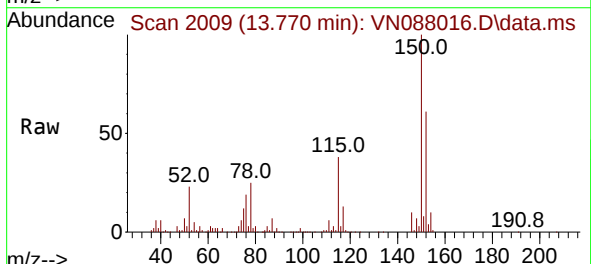
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

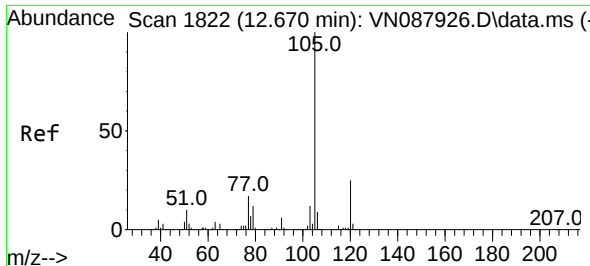
Tgt Ion:173 Resp: 48240
Ion Ratio Lower Upper
173 100
175 48.3 23.7 71.1
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion:152 Resp: 201044
Ion Ratio Lower Upper
152 100
115 62.9 29.9 89.7
150 167.0 0.0 335.0

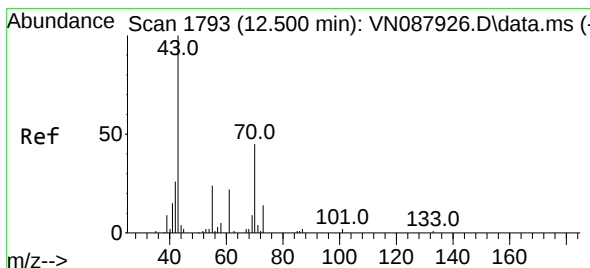
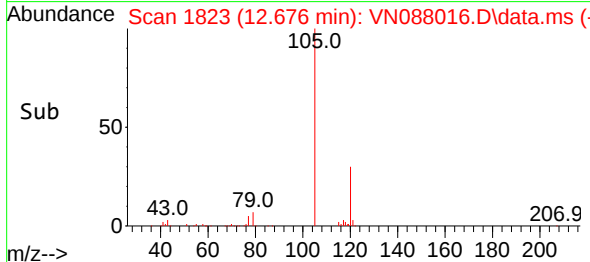
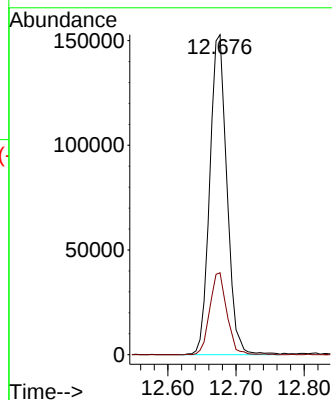
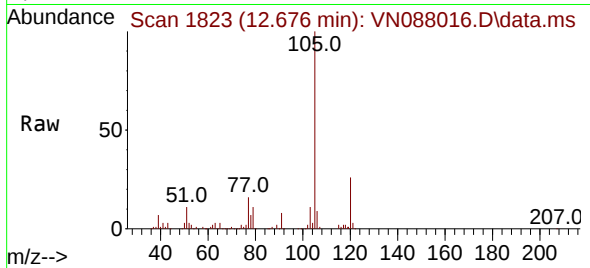




#73
Isopropylbenzene
Concen: 21.465 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

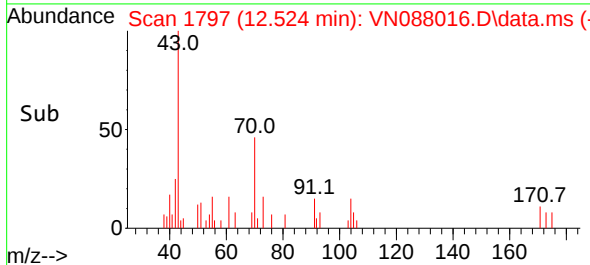
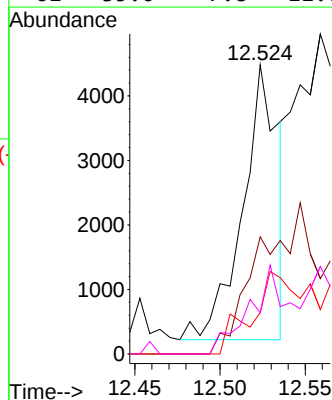
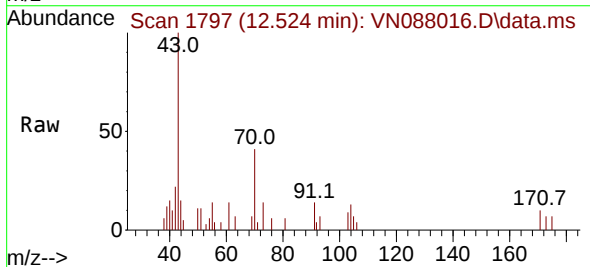
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

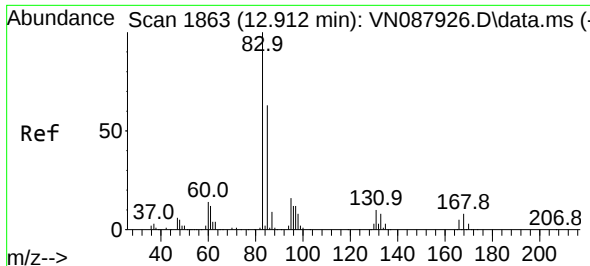
Tgt Ion:105 Resp: 267454
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1



#74
N-ethyl acetate
Concen: 1.515 ug/l
RT: 12.524 min Scan# 1797
Delta R.T. 0.024 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 43 Resp: 6221
Ion Ratio Lower Upper
43 100
70 0.0 19.8 29.8#
55 36.9 9.6 14.4#
61 35.0 7.8 11.6#

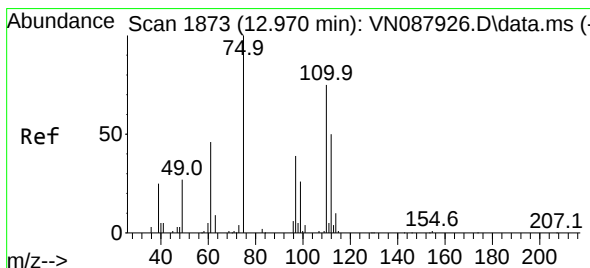
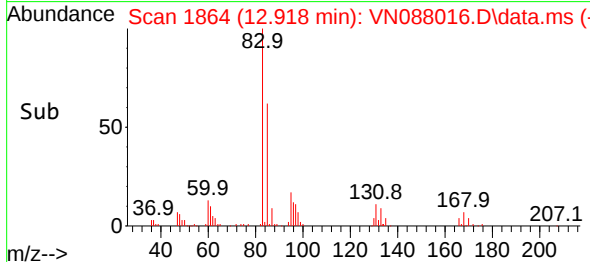
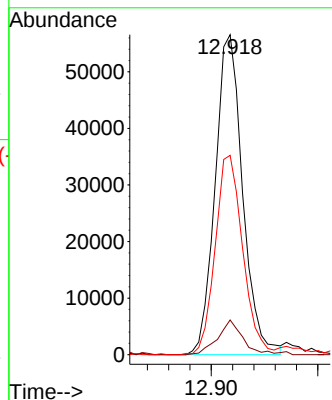
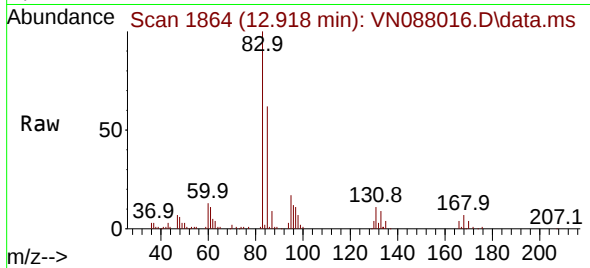




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.529 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. 0.006 min
 Lab File: VN088016.D
 Acq: 03 Oct 2025 12:07

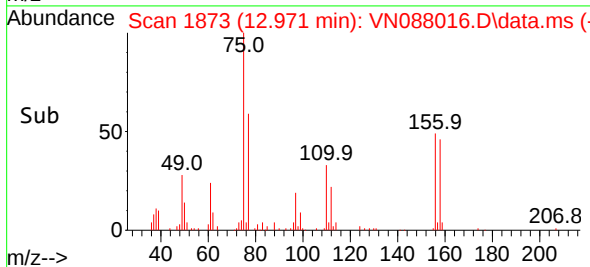
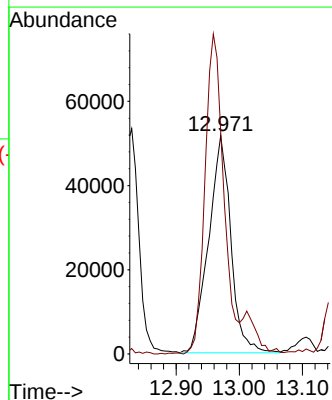
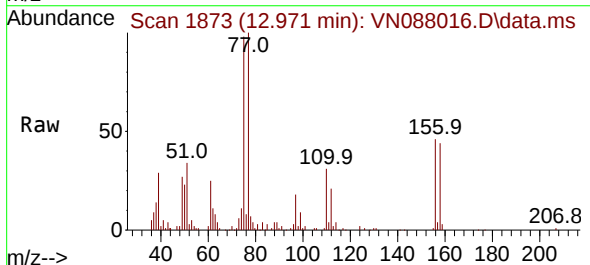
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

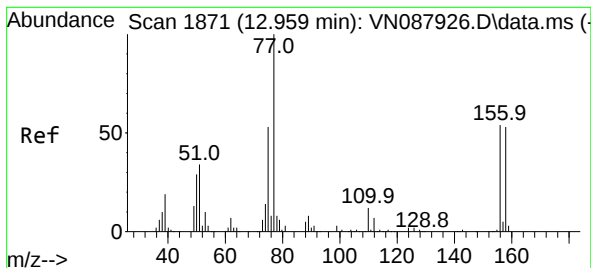
Tgt Ion: 83 Resp: 101141
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.2 15.6
 85 62.4 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 31.848 ug/l
 RT: 12.971 min Scan# 1873
 Delta R.T. 0.000 min
 Lab File: VN088016.D
 Acq: 03 Oct 2025 12:07

Tgt Ion: 75 Resp: 126215
 Ion Ratio Lower Upper
 75 100
 77 123.8 89.5 268.5





#77

Bromobenzene

Concen: 21.499 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

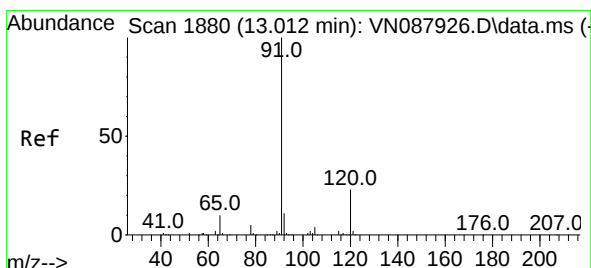
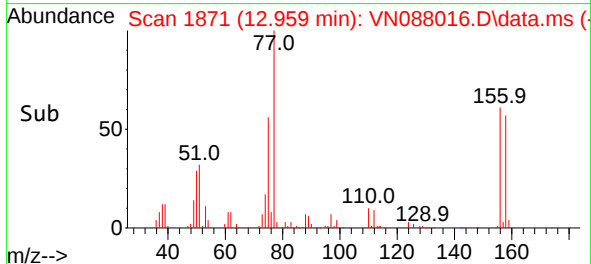
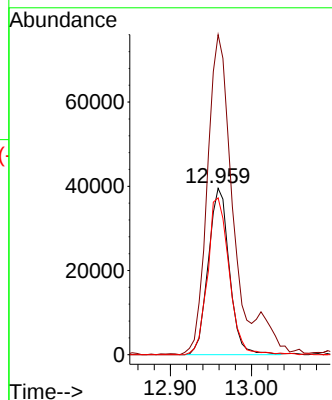
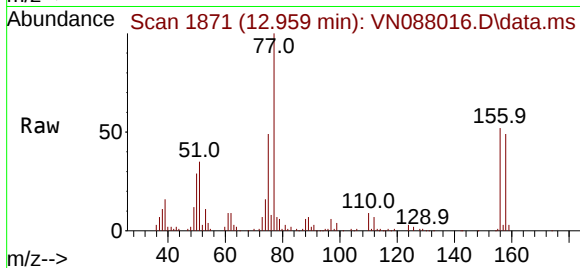
Tgt Ion:156 Resp: 71276

Ion Ratio Lower Upper

156 100

77 219.2 108.2 324.6

158 96.5 49.6 149.0



#78

n-propylbenzene

Concen: 21.307 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN088016.D

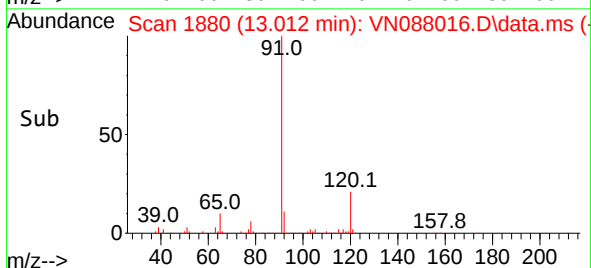
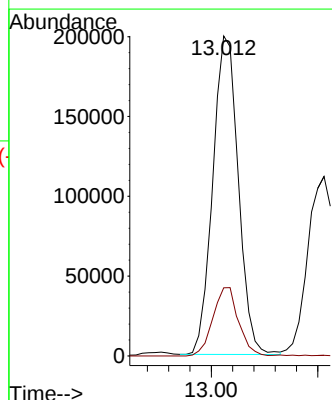
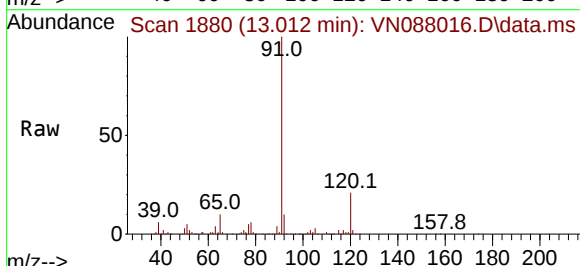
Acq: 03 Oct 2025 12:07

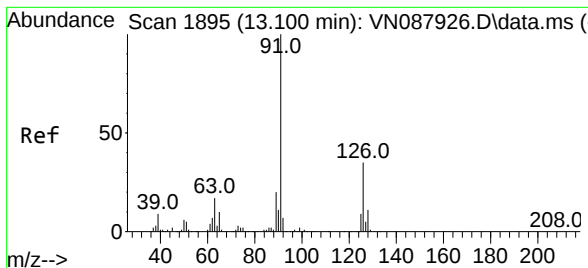
Tgt Ion: 91 Resp: 331926

Ion Ratio Lower Upper

91 100

120 21.5 11.1 33.1





#79

2-Chlorotoluene

Concen: 21.491 ug/l

RT: 13.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

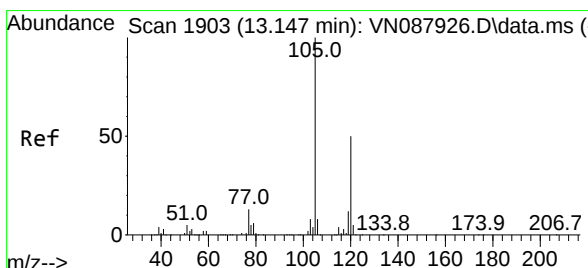
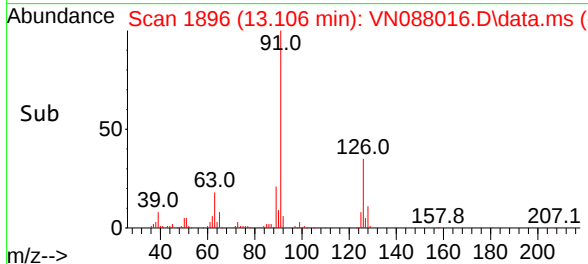
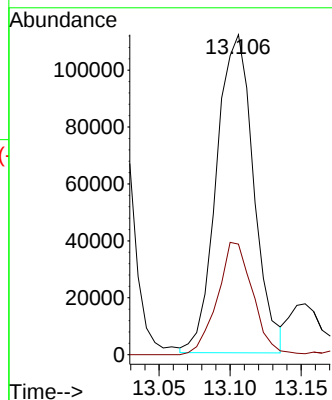
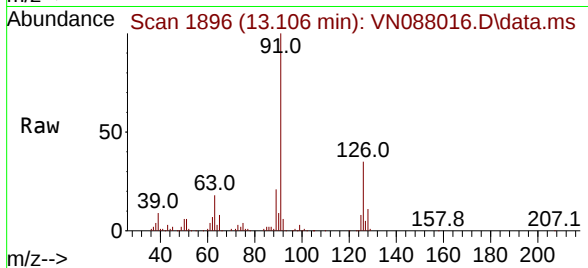
VN1003WBS01

Tgt Ion: 91 Resp: 203856

Ion Ratio Lower Upper

91 100

126 33.5 16.6 49.8



#80

1,3,5-Trimethylbenzene

Concen: 21.603 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VN088016.D

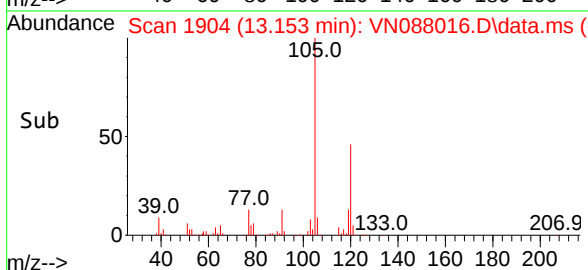
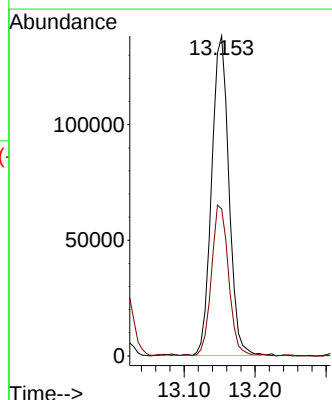
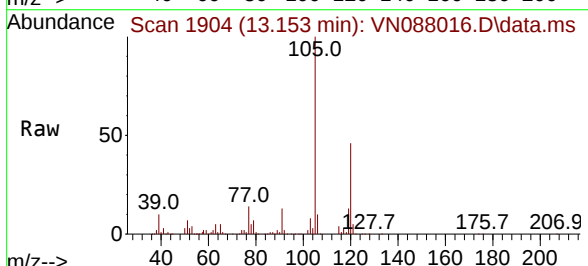
Acq: 03 Oct 2025 12:07

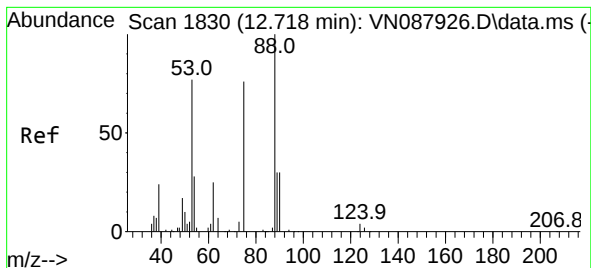
Tgt Ion:105 Resp: 232833

Ion Ratio Lower Upper

105 100

120 46.7 24.7 74.1

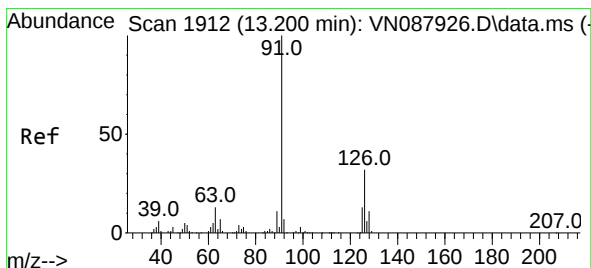
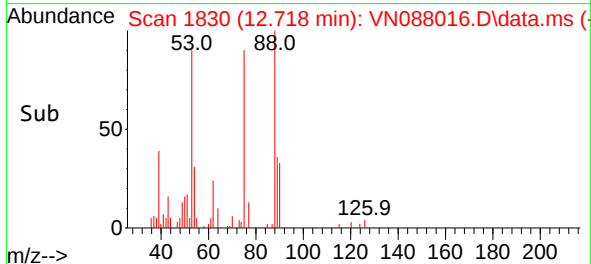
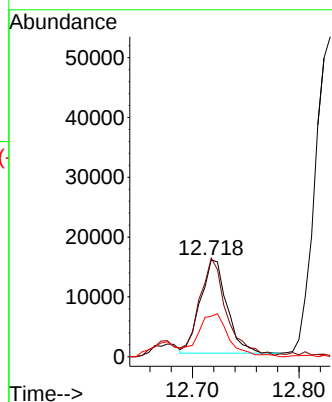
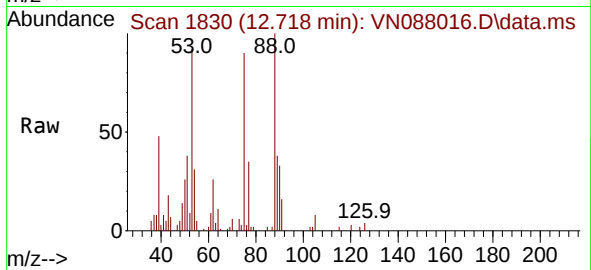




#81
trans-1,4-Dichloro-2-butene
Concen: 18.920 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

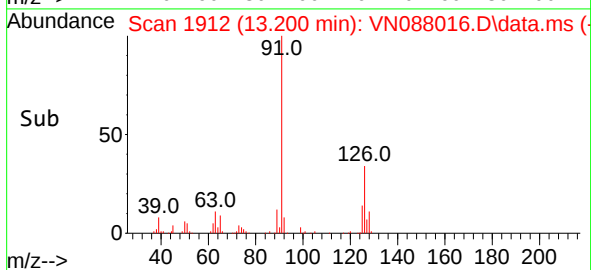
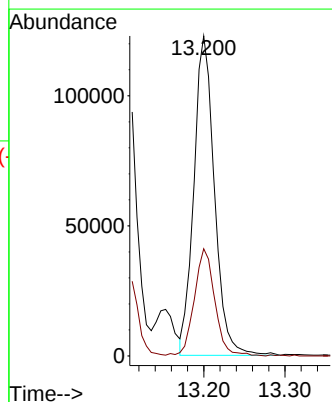
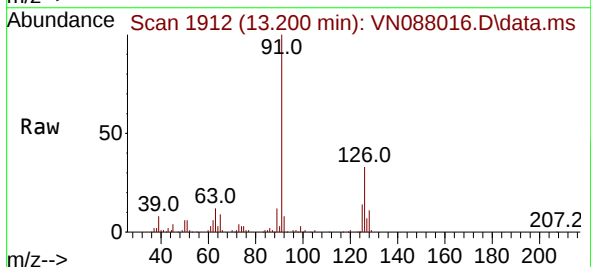
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

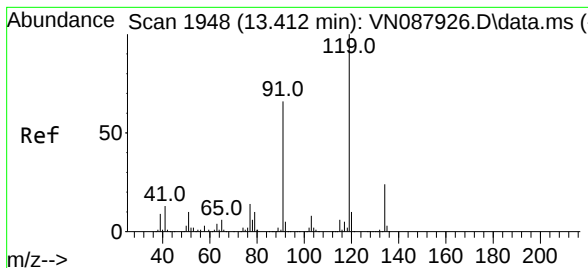
Tgt Ion: 75 Resp: 27002
Ion Ratio Lower Upper
75 100
53 105.3 82.0 123.0
89 53.0 36.1 54.1



#82
4-Chlorotoluene
Concen: 22.664 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 91 Resp: 216618
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.6





#83

tert-Butylbenzene

Concen: 20.915 ug/l

RT: 13.418 min Scan# 1948

Delta R.T. 0.006 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

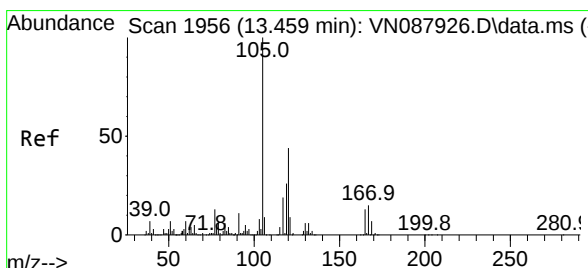
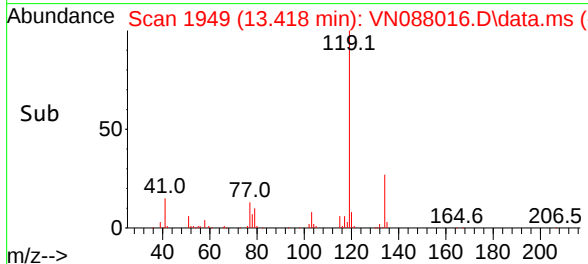
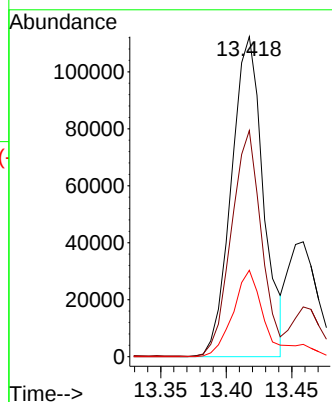
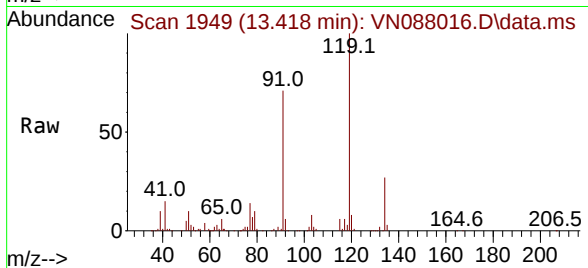
Tgt Ion:119 Resp: 190796

Ion Ratio Lower Upper

119 100

91 66.3 32.1 96.3

134 27.7 12.3 36.8



#84

1,2,4-Trimethylbenzene

Concen: 21.842 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN088016.D

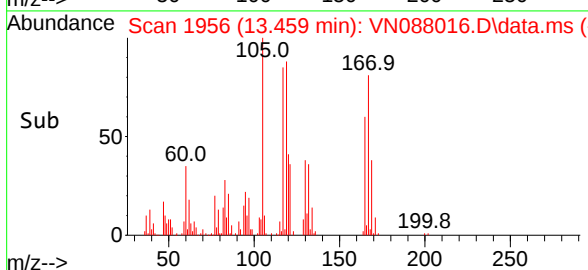
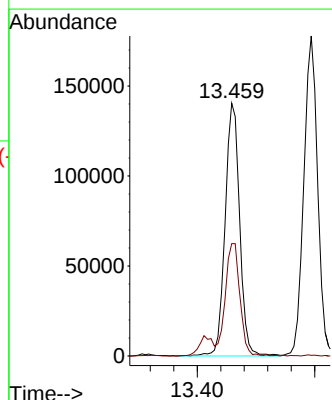
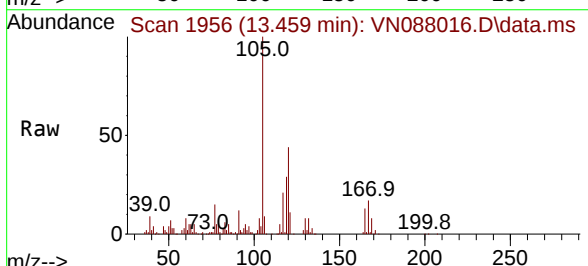
Acq: 03 Oct 2025 12:07

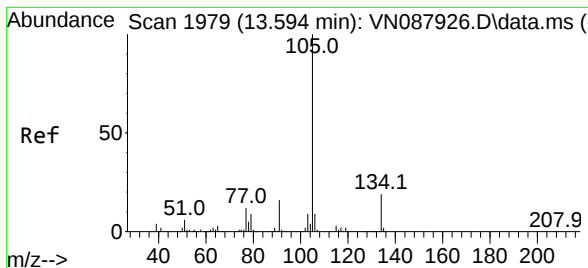
Tgt Ion:105 Resp: 241463

Ion Ratio Lower Upper

105 100

120 44.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 21.643 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

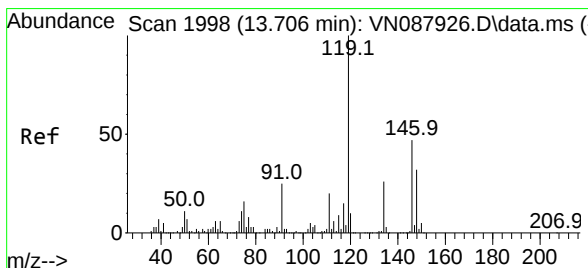
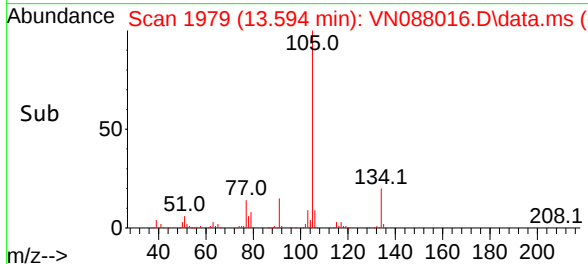
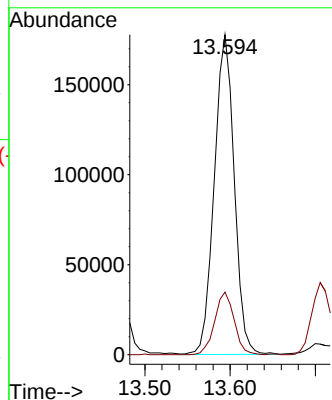
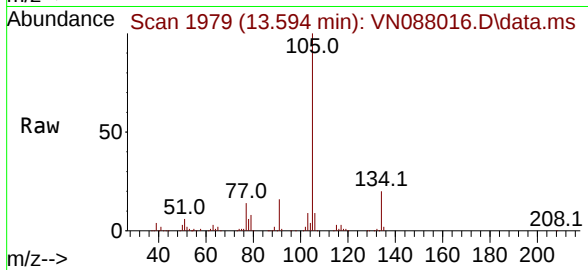
VN1003WBS01

Tgt Ion:105 Resp: 289467

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.8



#86

p-Isopropyltoluene

Concen: 20.790 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

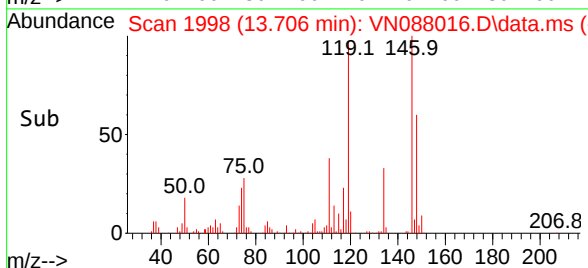
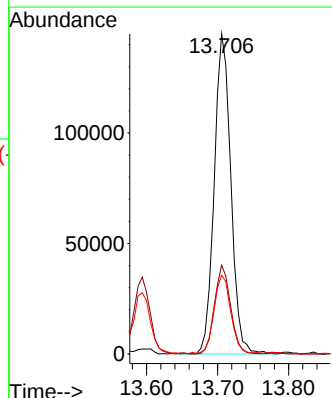
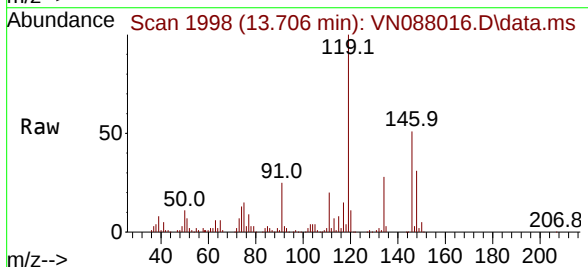
Tgt Ion:119 Resp: 235506

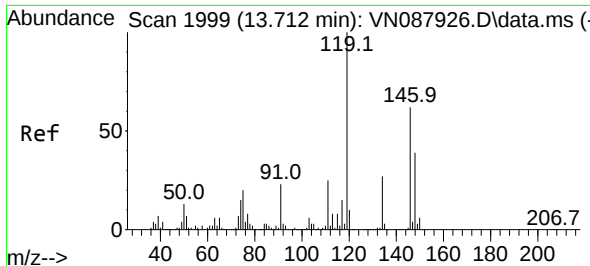
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 24.7 11.9 35.5

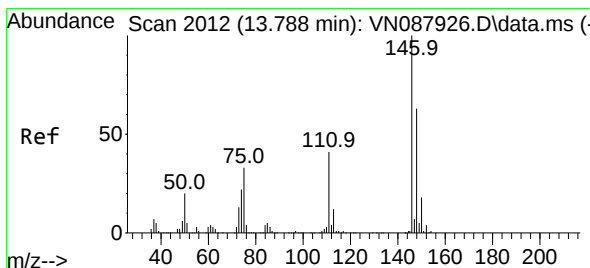
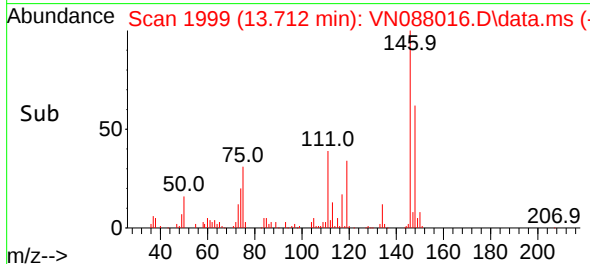
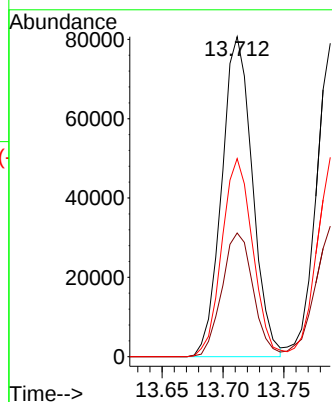
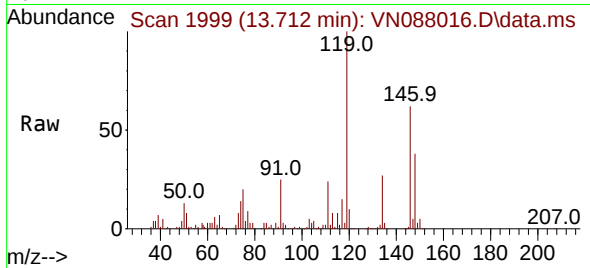




#87
 1,3-Dichlorobenzene
 Concen: 21.871 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN088016.D
 Acq: 03 Oct 2025 12:07

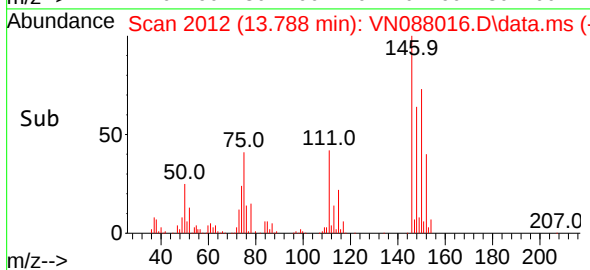
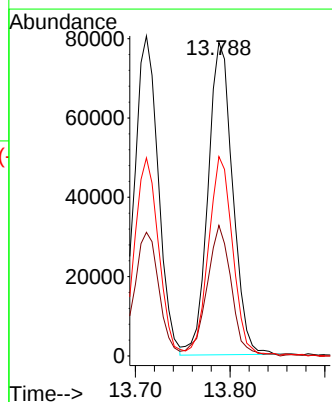
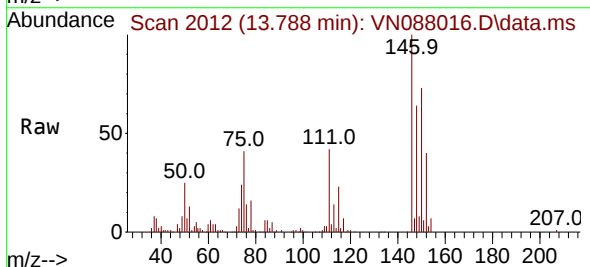
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

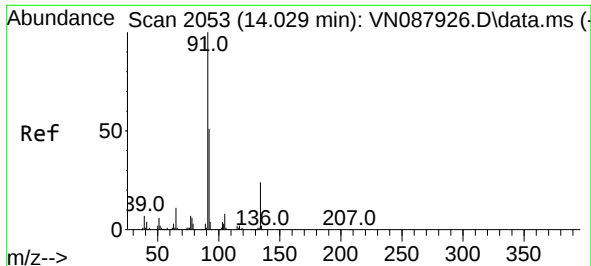
Tgt Ion:146 Resp: 141493
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.3 60.8
 148 62.5 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 21.328 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN088016.D
 Acq: 03 Oct 2025 12:07

Tgt Ion:146 Resp: 141799
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.5 61.5
 148 62.5 32.8 98.4

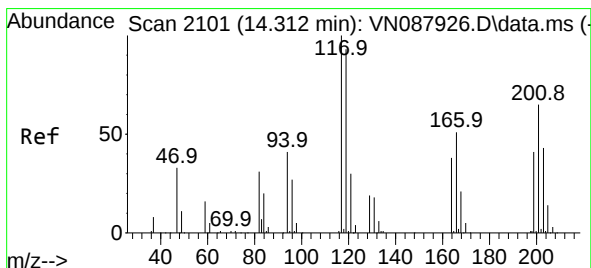
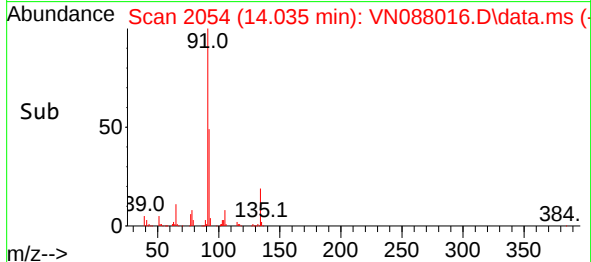
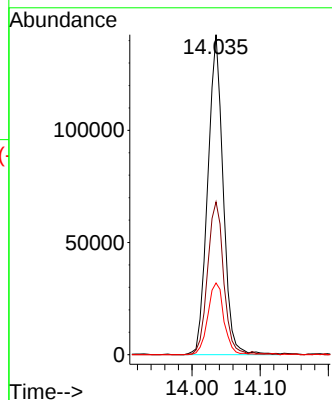
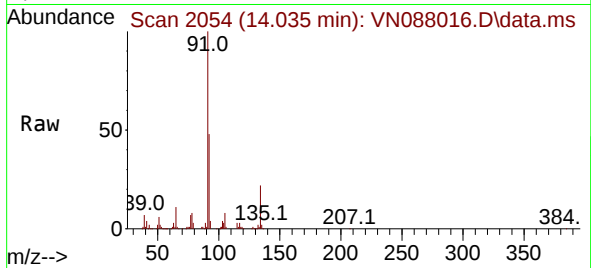




#89
n-Butylbenzene
Concen: 20.936 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

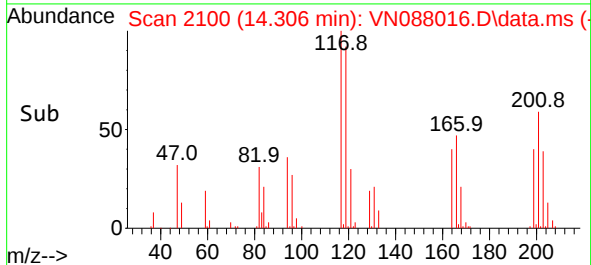
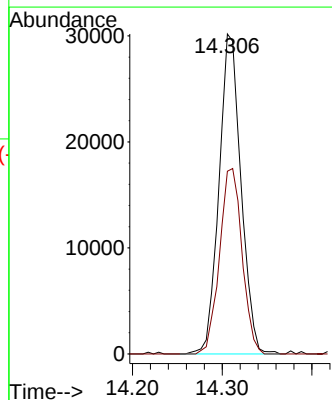
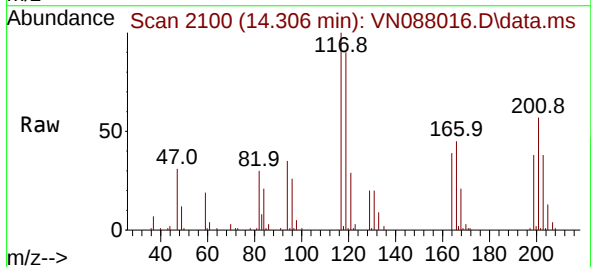
Instrument :
MSVOA_N
ClientSampleId :
VN1003WBS01

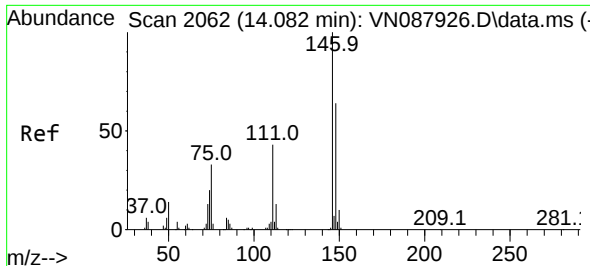
Tgt Ion: 91 Resp: 224123
Ion Ratio Lower Upper
91 100
92 49.6 25.9 77.8
134 23.6 12.6 37.8



#90
Hexachloroethane
Concen: 21.718 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088016.D
Acq: 03 Oct 2025 12:07

Tgt Ion: 117 Resp: 51390
Ion Ratio Lower Upper
117 100
201 59.3 33.6 100.6

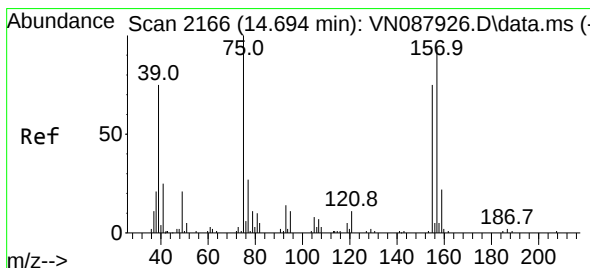
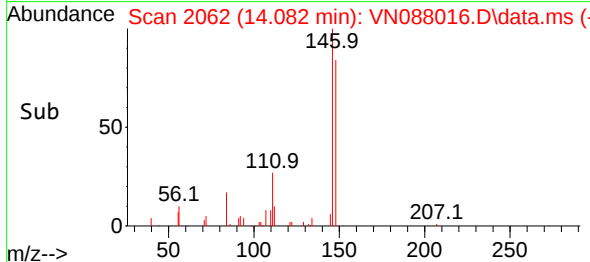
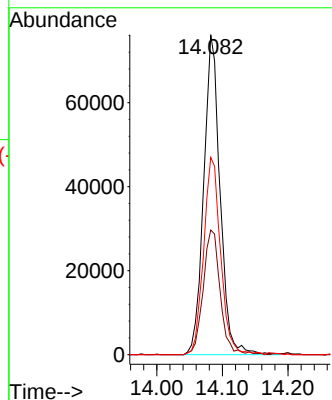
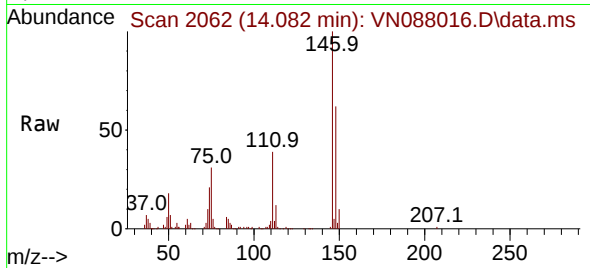




#91
 1,2-Dichlorobenzene
 Concen: 21.231 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN088016.D
 Acq: 03 Oct 2025 12:07

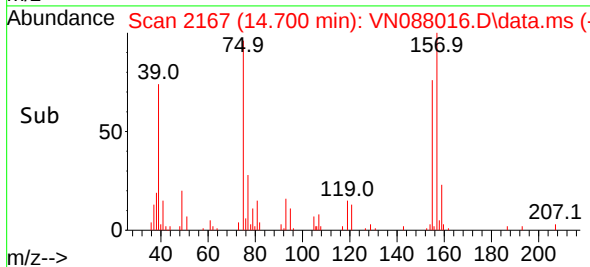
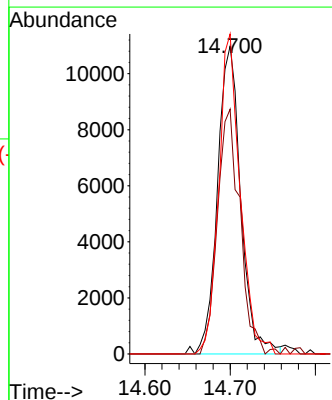
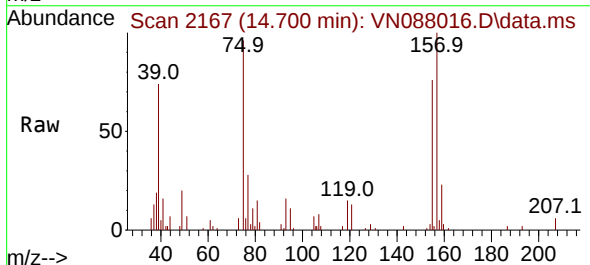
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBS01

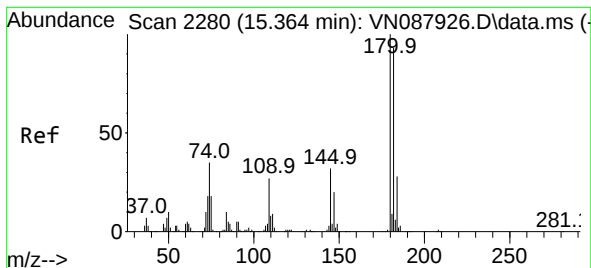
Tgt Ion:146 Resp: 132395
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.9 62.7
 148 64.1 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.024 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN088016.D
 Acq: 03 Oct 2025 12:07

Tgt Ion: 75 Resp: 20888
 Ion Ratio Lower Upper
 75 100
 155 76.6 40.2 120.6
 157 95.7 50.9 152.7





#93

1,2,4-Trichlorobenzene

Concen: 20.396 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. 0.000 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

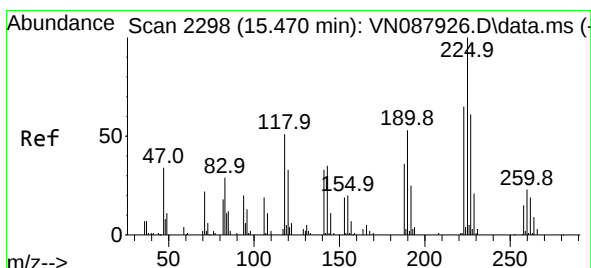
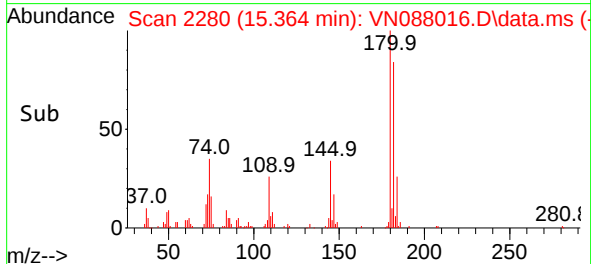
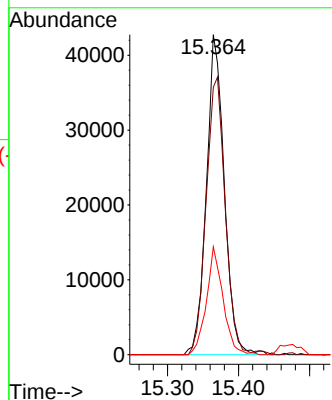
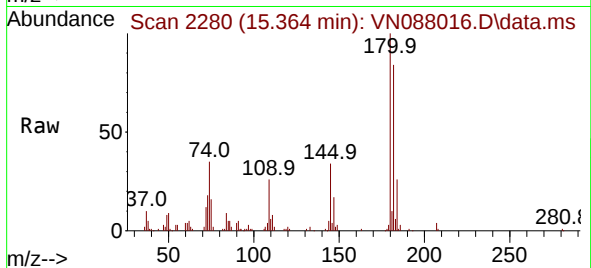
Tgt Ion:180 Resp: 75098

Ion Ratio Lower Upper

180 100

182 91.6 48.5 145.5

145 31.4 15.9 47.6



#94

Hexachlorobutadiene

Concen: 19.757 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

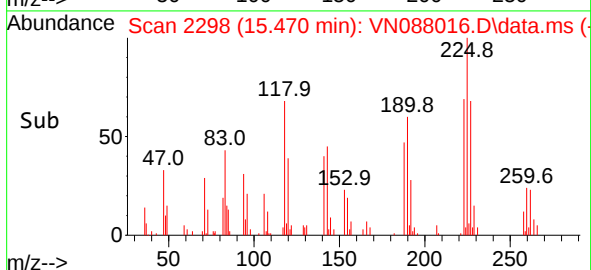
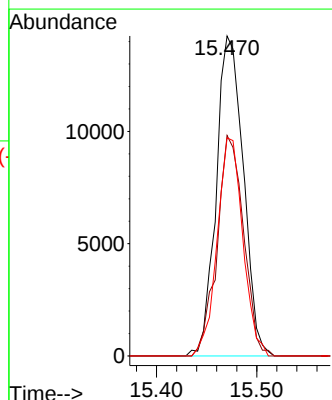
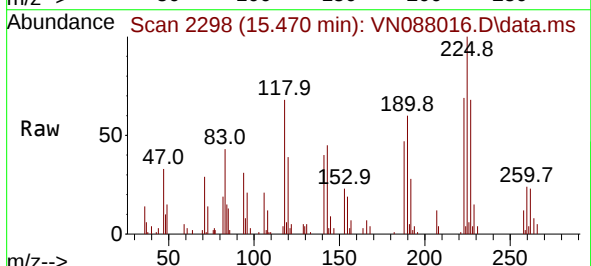
Tgt Ion:225 Resp: 26775

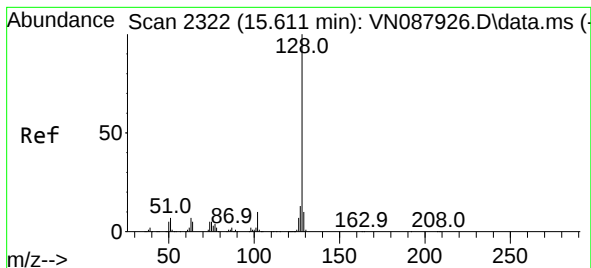
Ion Ratio Lower Upper

225 100

223 67.3 31.8 95.4

227 64.5 31.9 95.9





#95

Naphthalene

Concen: 19.887 ug/l

RT: 15.612 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBS01

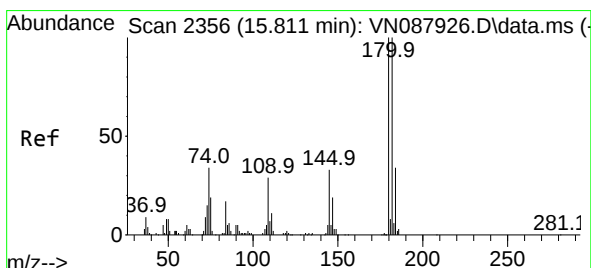
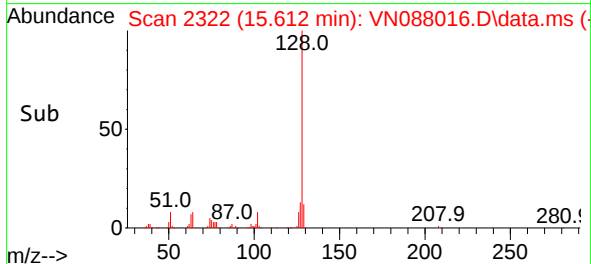
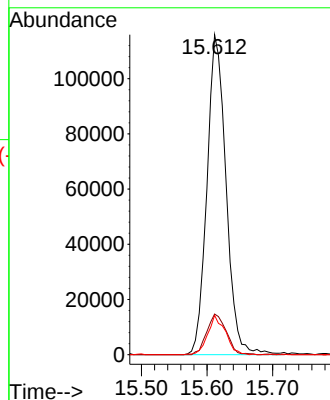
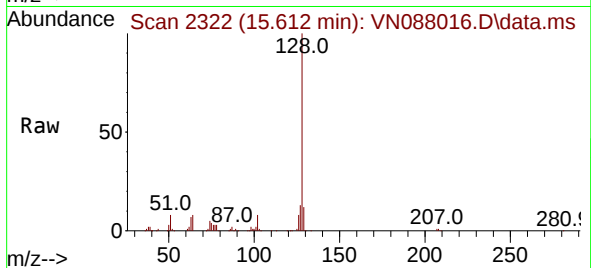
Tgt Ion:128 Resp: 235049

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.292 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN088016.D

Acq: 03 Oct 2025 12:07

Tgt Ion:180 Resp: 72634

Ion Ratio Lower Upper

180 100

182 94.9 47.3 142.0

145 34.4 16.1 48.3

