

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
 Data File : VN087332.D
 Acq On : 16 Jul 2025 18:32
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 17 02:20:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:09:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	192275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	339591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	314849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	168489	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	314416	96.373	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 192.740%#	
35) Dibromofluoromethane	8.153	113	236468	100.947	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 201.900%#	
50) Toluene-d8	10.547	98	852301	101.999	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 204.000%#	
62) 4-Bromofluorobenzene	12.829	95	323070	104.650	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 209.300%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	233197	114.190	ug/l	92
3) Chloromethane	2.383	50	253369	98.660	ug/l	98
4) Vinyl Chloride	2.542	62	266221	104.312	ug/l	94
5) Bromomethane	2.959	94	136793	103.503	ug/l	96
6) Chloroethane	3.124	64	159422	95.783	ug/l	92
7) Trichlorofluoromethane	3.501	101	369032	97.786	ug/l	98
8) Diethyl Ether	3.959	74	142652	97.445	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.353	101	188841	97.477	ug/l	100
10) Methyl Iodide	4.571	142	213127	100.524	ug/l	99
11) Tert butyl alcohol	5.536	59	309615	499.800	ug/l	99
12) 1,1-Dichloroethene	4.336	96	197760	90.083	ug/l	95
13) Acrolein	4.177	56	250115	503.102	ug/l	99
14) Allyl chloride	5.006	41	382812	96.355	ug/l	100
15) Acrylonitrile	5.706	53	839080	499.150	ug/l	100
16) Acetone	4.424	43	693485	448.375	ug/l	96
17) Carbon Disulfide	4.695	76	631695	97.056	ug/l	95
18) Methyl Acetate	5.012	43	369894	96.247	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	818763	101.186	ug/l	98
20) Methylene Chloride	5.259	84	251830	98.001	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	237704	96.030	ug/l	94
22) Diisopropyl ether	6.659	45	832709	99.921	ug/l	96
23) Vinyl Acetate	6.594	43	3859420	529.516	ug/l	97
24) 1,1-Dichloroethane	6.553	63	455820	94.807	ug/l	100
25) 2-Butanone	7.471	43	1185700	501.667	ug/l	98
26) 2,2-Dichloropropane	7.477	77	358596	95.932	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	284578	99.858	ug/l	98
28) Bromochloromethane	7.800	49	229544	99.757	ug/l	100
29) Tetrahydrofuran	7.830	42	768521	500.532	ug/l	98
30) Chloroform	7.953	83	466838	97.008	ug/l	99
31) Cyclohexane	8.241	56	377159	94.035	ug/l	95
32) 1,1,1-Trichloroethane	8.153	97	403445	96.794	ug/l	97
36) 1,1-Dichloropropene	8.353	75	324047	104.705	ug/l	99
37) Ethyl Acetate	7.547	43	448428	100.326	ug/l	99
38) Carbon Tetrachloride	8.347	117	342043	100.328	ug/l	99
39) Methylcyclohexane	9.582	83	352211	105.118	ug/l	96
40) Benzene	8.588	78	1007257	100.700	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	239659	102.544	ug/l	99
42) 1,2-Dichloroethane	8.653	62	369731	97.472	ug/l	99
43) Isopropyl Acetate	8.677	43	704936	101.598	ug/l	99
44) Trichloroethene	9.335	130	230373	97.472	ug/l	93
45) 1,2-Dichloropropane	9.606	63	255369	100.478	ug/l	96
46) Dibromomethane	9.694	93	185908	97.696	ug/l	98
47) Bromodichloromethane	9.871	83	375910	98.072	ug/l	97
48) Methyl methacrylate	9.665	41	334941	107.228	ug/l	97
49) 1,4-Dioxane	9.688	88	102159	2135.348	ug/l #	95
51) 4-Methyl-2-Pentanone	10.429	43	2234274	509.127	ug/l	100
52) Toluene	10.612	92	622259	102.349	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	412142	106.245	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	421386	105.164	ug/l	98
55) 1,1,2-Trichloroethane	11.000	97	242683	98.595	ug/l	97
56) Ethyl methacrylate	10.859	69	425458	98.980	ug/l	98
57) 1,3-Dichloropropane	11.147	76	431753	101.453	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	1052628	521.327	ug/l	99
59) 2-Hexanone	11.176	43	1631949	560.508	ug/l	99
60) Dibromochloromethane	11.341	129	287682	102.484	ug/l	99
61) 1,2-Dibromoethane	11.453	107	258936	100.051	ug/l	98
64) Tetrachloroethene	11.082	164	195044	96.252	ug/l	97
65) Chlorobenzene	11.871	112	687696	97.289	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	239722	99.736	ug/l	99
67) Ethyl Benzene	11.947	91	1199510	103.080	ug/l	99
68) m/p-Xylenes	12.053	106	924069	212.065	ug/l	99
69) o-Xylene	12.376	106	447092	107.413	ug/l	100
70) Styrene	12.394	104	766471	109.464	ug/l	98
71) Bromoform	12.559	173	202915	104.498	ug/l #	99
73) Isopropylbenzene	12.676	105	1112821	104.940	ug/l	100
74) N-amyl acetate	12.482	43	464246	112.129	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.918	83	389392	97.587	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	526041	140.726	ug/l	54
77) Bromobenzene	12.959	156	279589	101.662	ug/l	100
78) n-propylbenzene	13.018	91	1384517	103.771	ug/l	99
79) 2-Chlorotoluene	13.106	91	840073	102.452	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	943119	104.383	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	140673	101.874	ug/l	96
82) 4-Chlorotoluene	13.200	91	859965	100.734	ug/l	99
83) tert-Butylbenzene	13.418	119	800700	106.106	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	967878	104.898	ug/l	100
85) sec-Butylbenzene	13.594	105	1141320	100.410	ug/l	98
86) p-Isopropyltoluene	13.706	119	975014	107.037	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	535172	99.151	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	548212	95.097	ug/l	99
89) n-Butylbenzene	14.035	91	880763	101.260	ug/l	99
90) Hexachloroethane	14.312	117	185973	96.358	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	508902	99.523	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	97572	93.137	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	310448	103.357	ug/l	99
94) Hexachlorobutadiene	15.476	225	106429	95.360	ug/l	98
95) Naphthalene	15.611	128	1162930	109.289	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	308888	102.519	ug/l	98

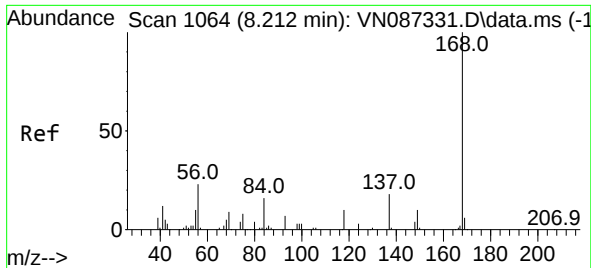
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:09:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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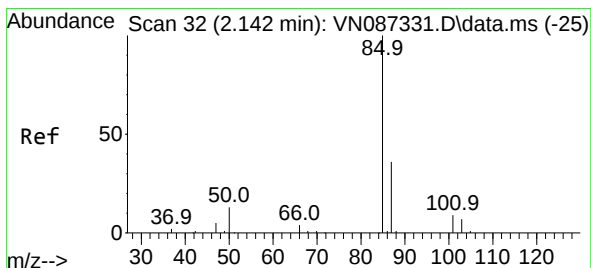
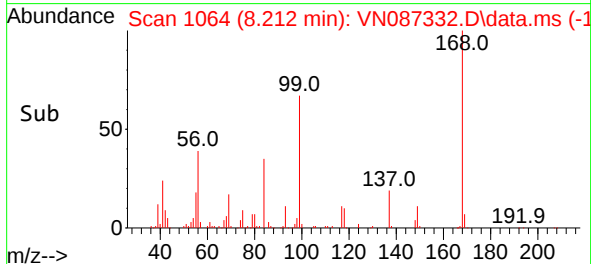
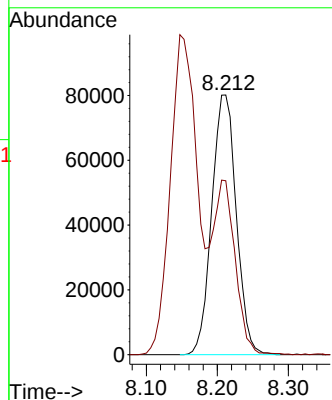
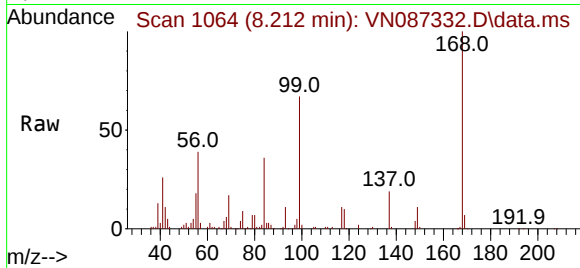
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

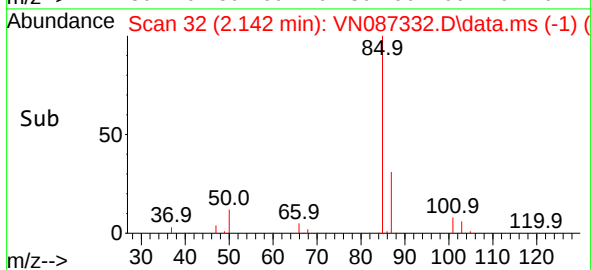
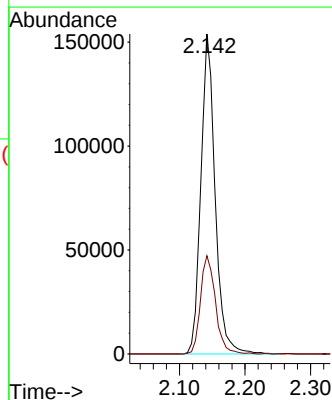
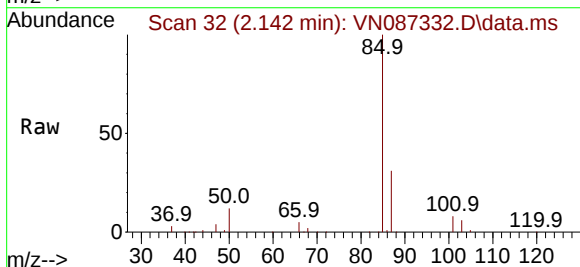
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ClientSampleId :
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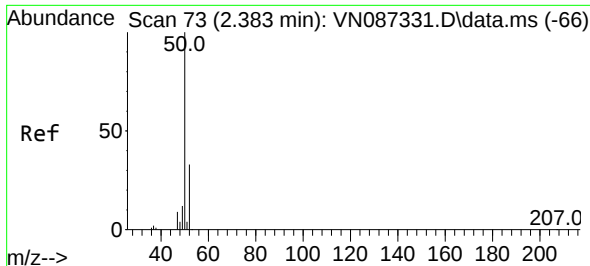
Tgt Ion:168 Resp: 192275
Ion Ratio Lower Upper
168 100
99 66.5 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 114.190 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 85 Resp: 233197
Ion Ratio Lower Upper
85 100
87 30.7 17.8 53.3

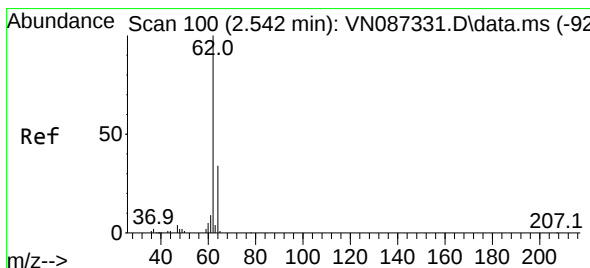
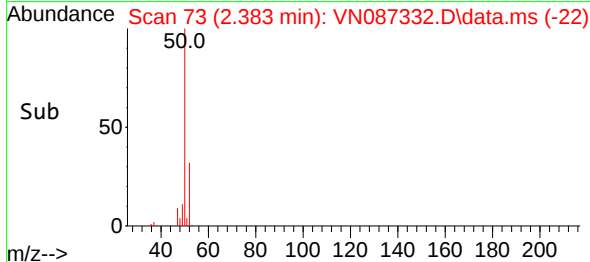
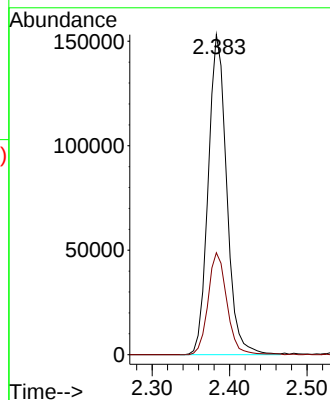
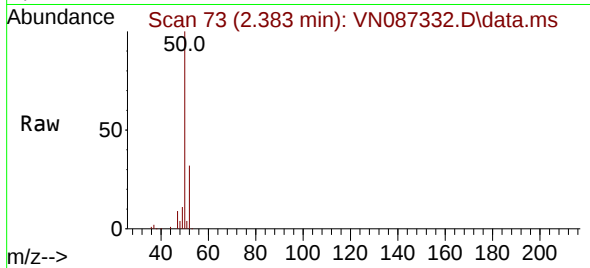




#3
Chloromethane
Concen: 98.660 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

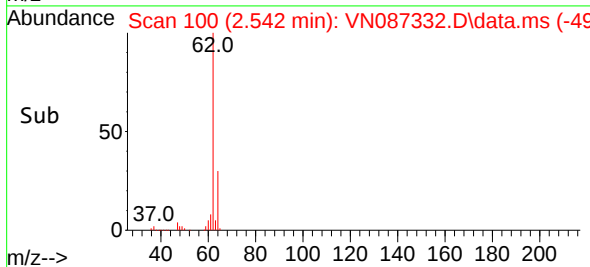
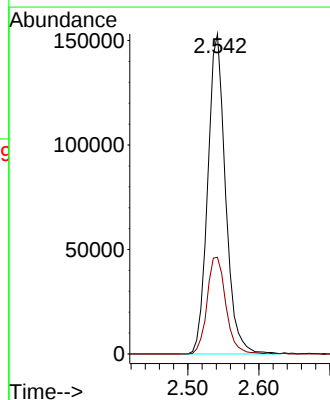
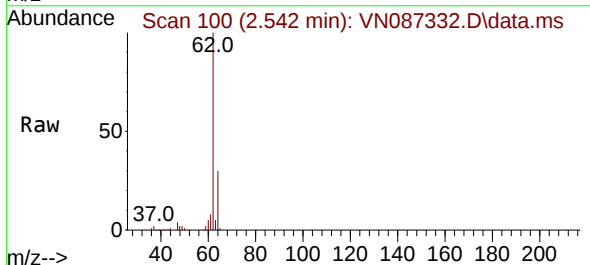
Instrument :
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ClientSampleId :
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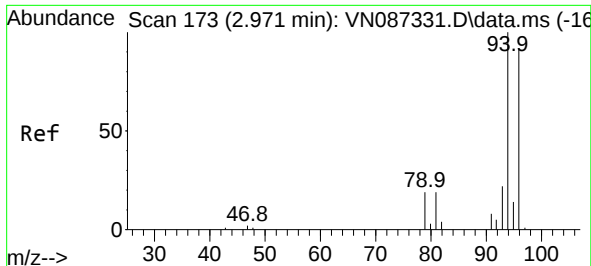
Tgt Ion: 50 Resp: 253369
Ion Ratio Lower Upper
50 100
52 31.8 26.3 39.5



#4
Vinyl Chloride
Concen: 104.312 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 62 Resp: 266221
Ion Ratio Lower Upper
62 100
64 30.2 27.0 40.6

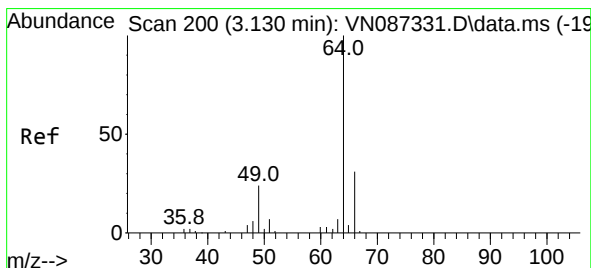
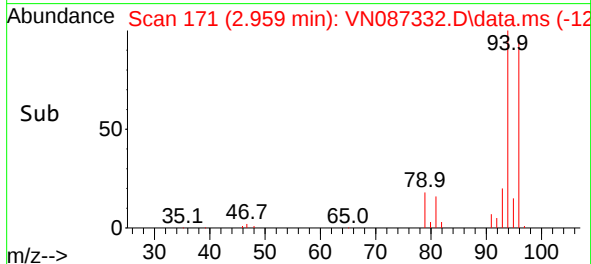
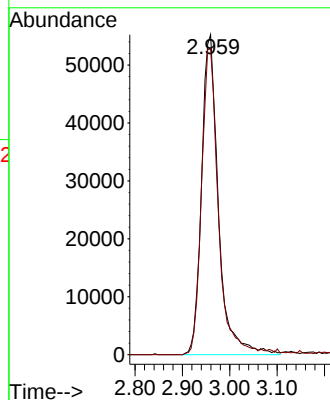
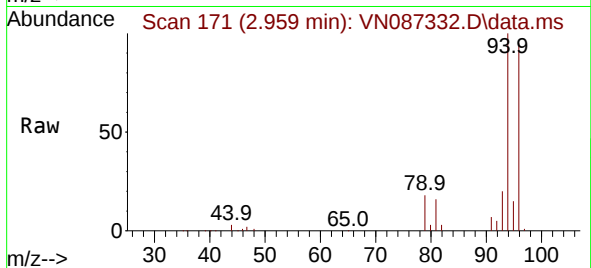




#5
Bromomethane
Concen: 103.503 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

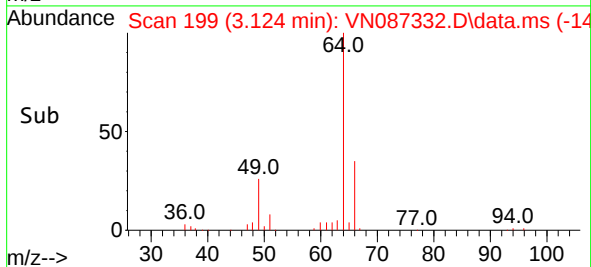
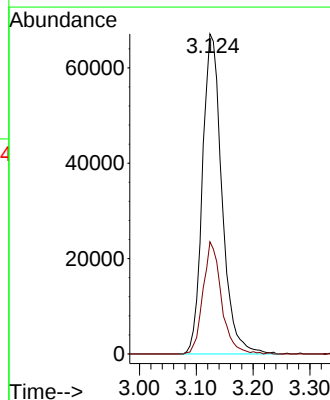
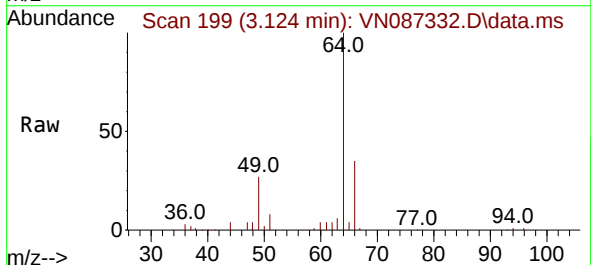
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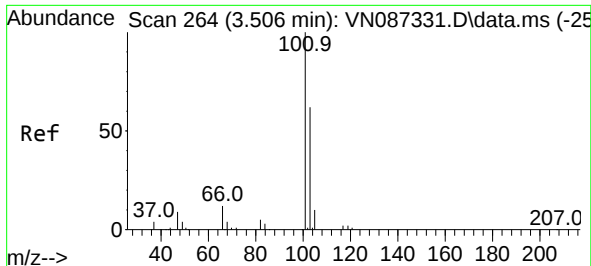
Tgt Ion: 94 Resp: 136793
Ion Ratio Lower Upper
94 100
96 95.4 73.4 110.2



#6
Chloroethane
Concen: 95.783 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 64 Resp: 159422
Ion Ratio Lower Upper
64 100
66 35.0 24.6 36.8

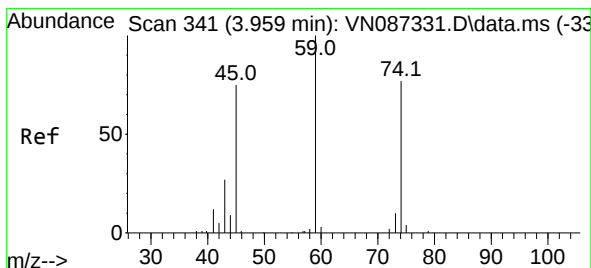
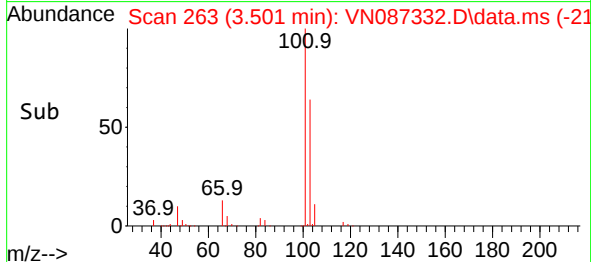
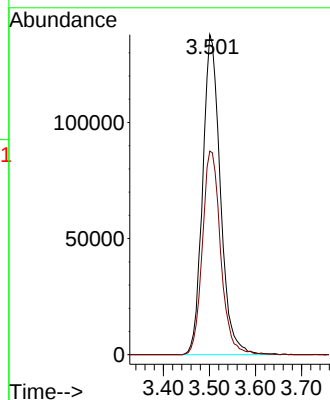
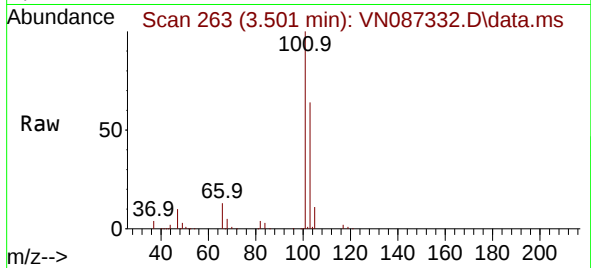




#7
 Trichlorofluoromethane
 Concen: 97.786 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN087332.D
 Acq: 16 Jul 2025 18:32

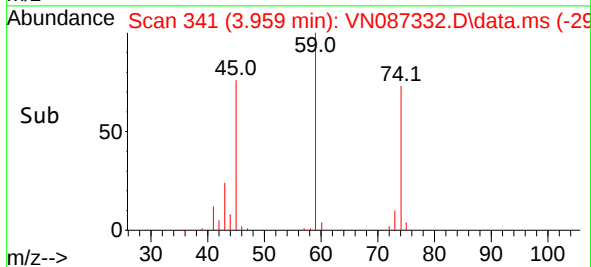
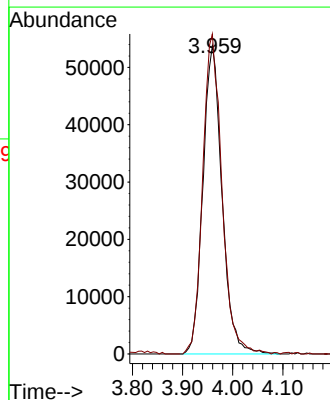
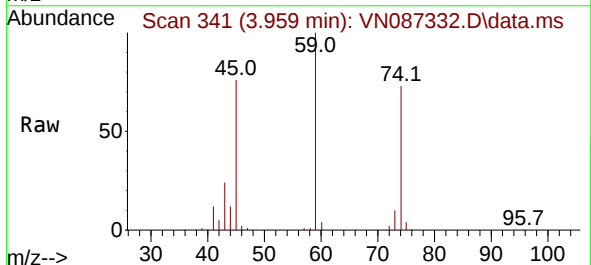
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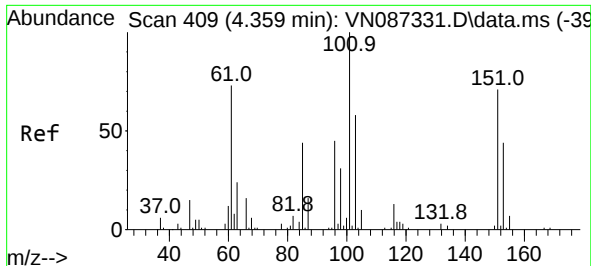
Tgt Ion:101 Resp: 369032
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.8 74.6



#8
 Diethyl Ether
 Concen: 97.445 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN087332.D
 Acq: 16 Jul 2025 18:32

Tgt Ion: 74 Resp: 142652
 Ion Ratio Lower Upper
 74 100
 45 104.3 50.8 152.5

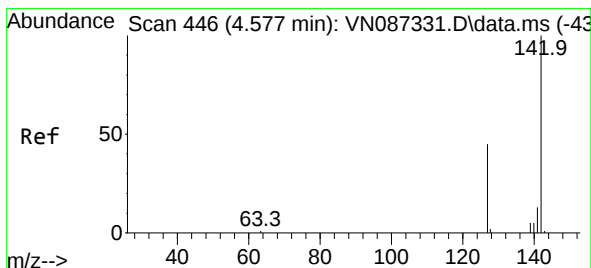
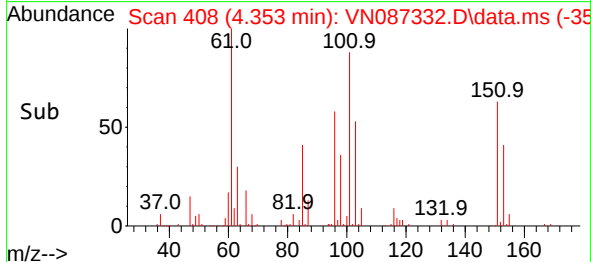
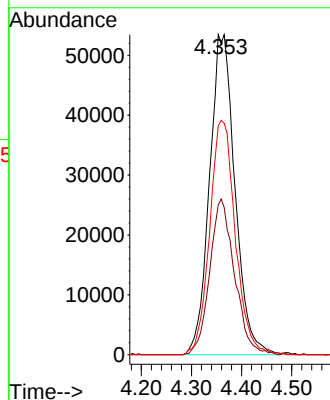
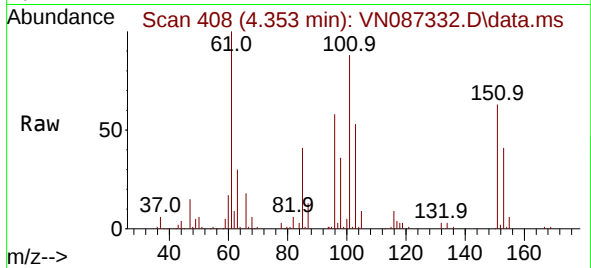




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.477 ug/l
RT: 4.353 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN087332.D
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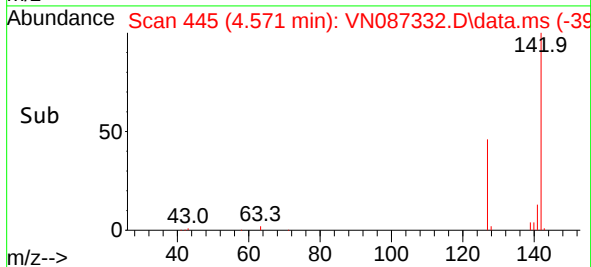
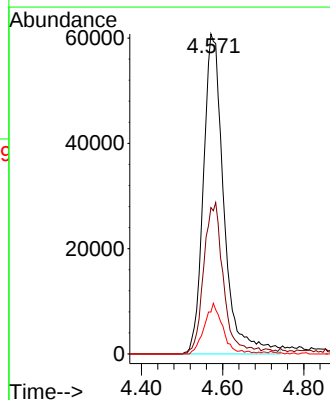
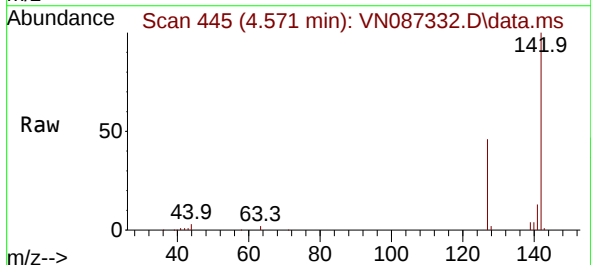
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

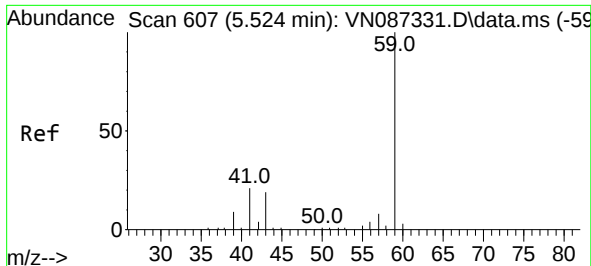
Tgt Ion:101 Resp: 188841
Ion Ratio Lower Upper
101 100
85 47.3 37.3 55.9
151 73.6 58.9 88.3



#10
Methyl Iodide
Concen: 100.524 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:142 Resp: 213127
Ion Ratio Lower Upper
142 100
127 45.8 35.7 53.5
141 13.1 10.4 15.6

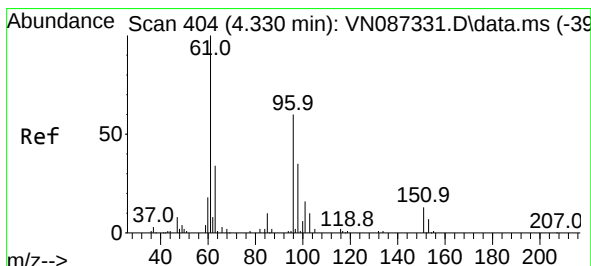
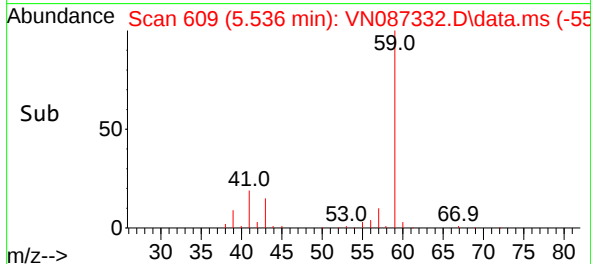
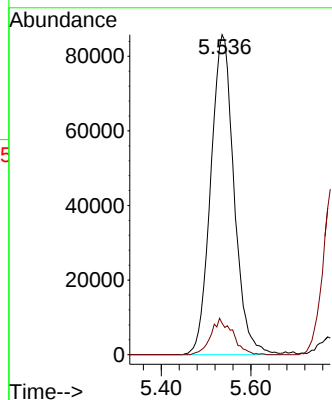
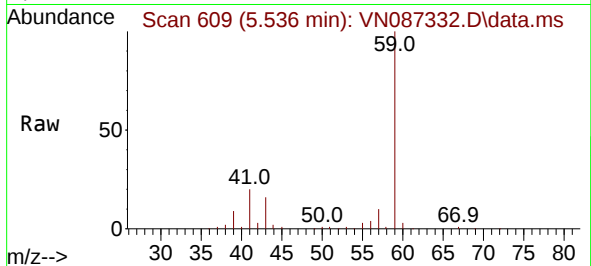




#11
Tert butyl alcohol
Concen: 499.800 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

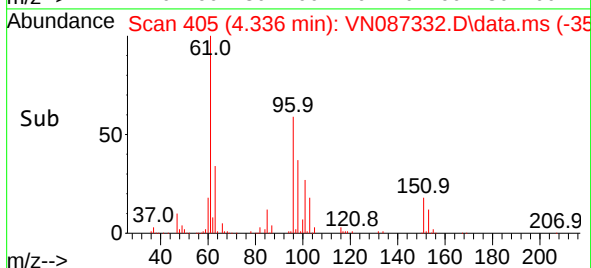
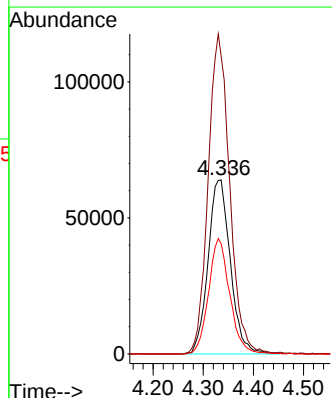
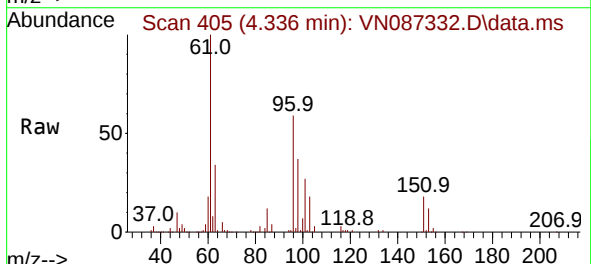
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

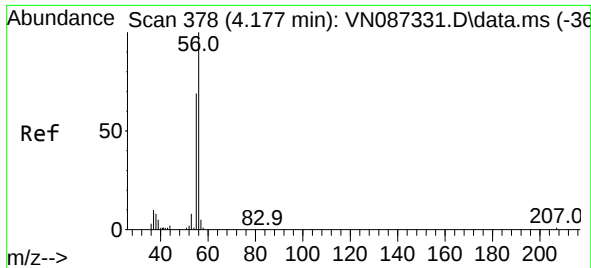
Tgt Ion: 59 Resp: 309615
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 90.083 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 96 Resp: 197760
Ion Ratio Lower Upper
96 100
61 170.8 132.3 198.5
98 63.3 46.8 70.2

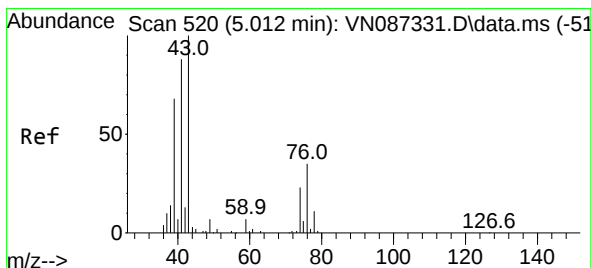
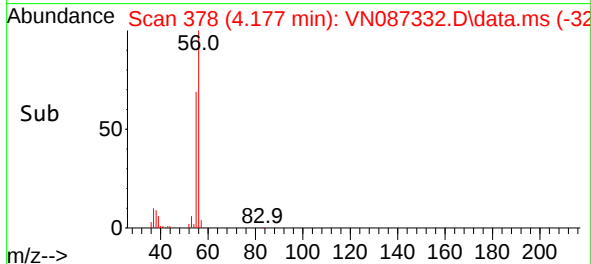
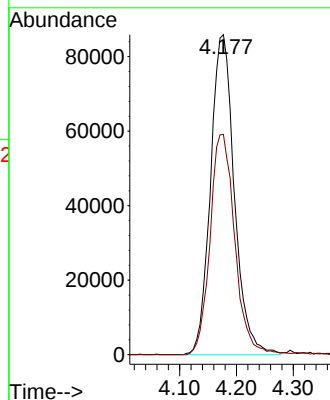
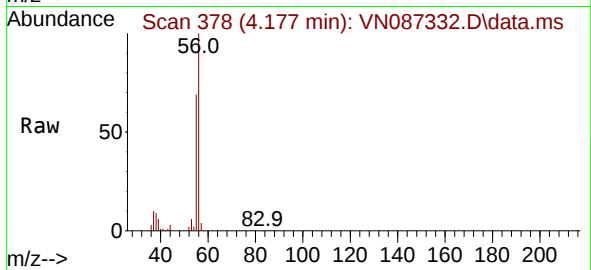




#13
Acrolein
Concen: 503.102 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

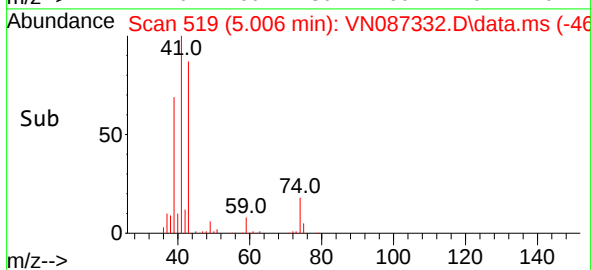
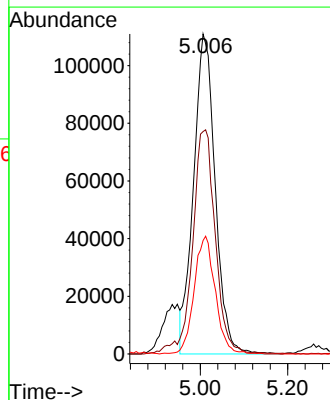
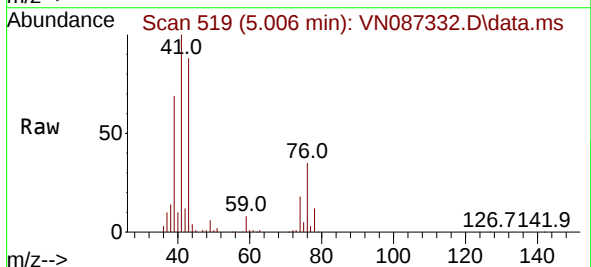
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

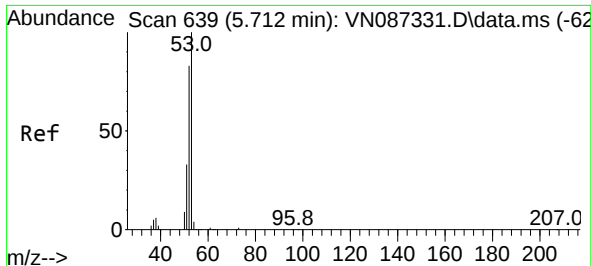
Tgt Ion: 56 Resp: 250115
Ion Ratio Lower Upper
56 100
55 71.3 56.2 84.4



#14
Allyl chloride
Concen: 96.355 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 41 Resp: 382812
Ion Ratio Lower Upper
41 100
39 73.3 59.0 88.6
76 35.9 28.7 43.1

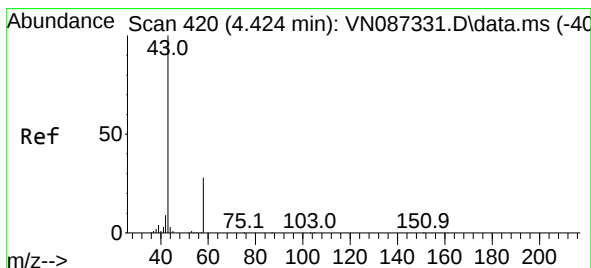
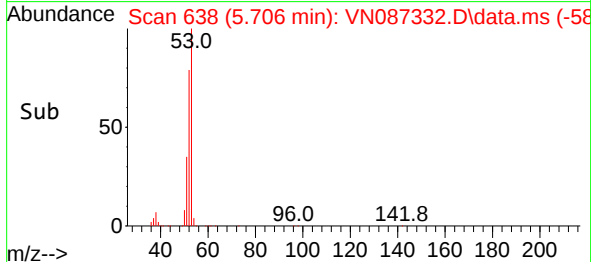
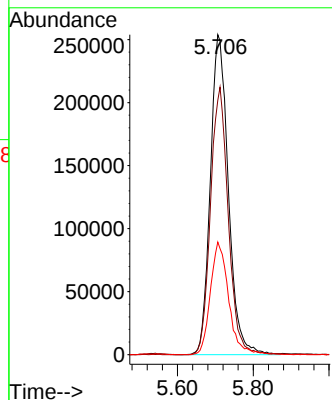
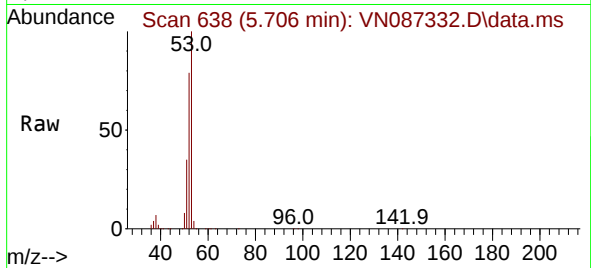




#15
Acrylonitrile
Concen: 499.150 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

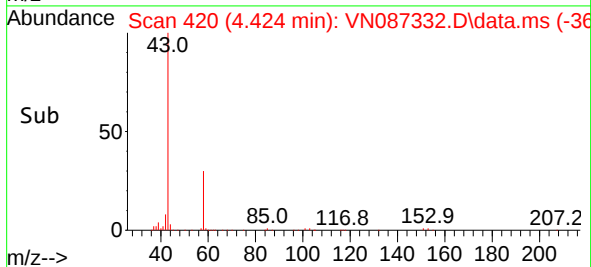
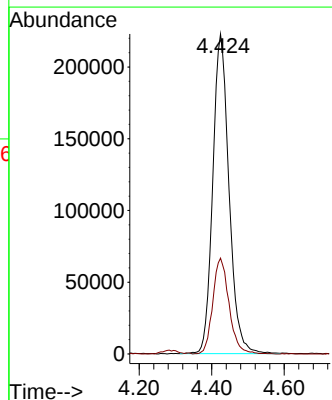
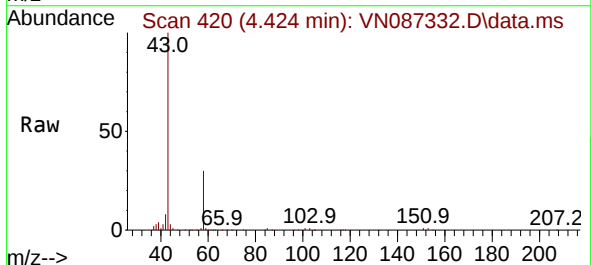
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

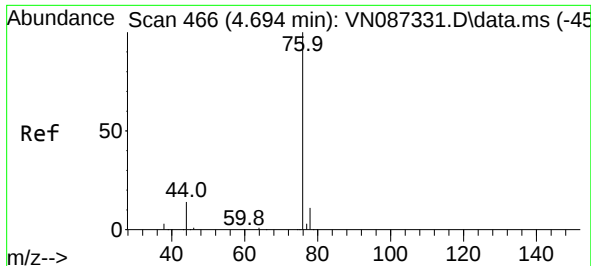
Tgt Ion: 53 Resp: 839080
Ion Ratio Lower Upper
53 100
52 82.1 65.5 98.3
51 35.6 28.7 43.1



#16
Acetone
Concen: 448.375 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 43 Resp: 693485
Ion Ratio Lower Upper
43 100
58 30.0 22.3 33.5

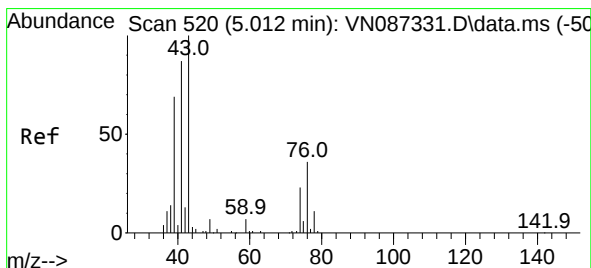
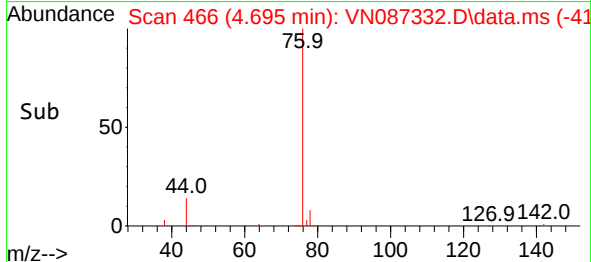
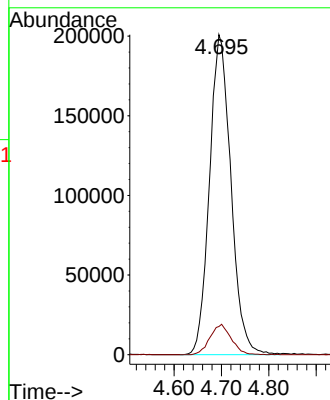
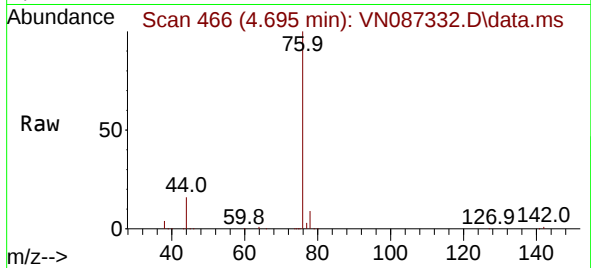




#17
Carbon Disulfide
Concen: 97.056 ug/l
RT: 4.695 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

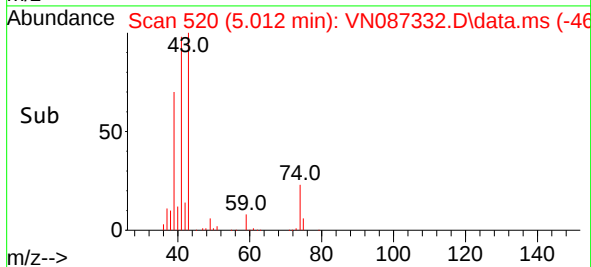
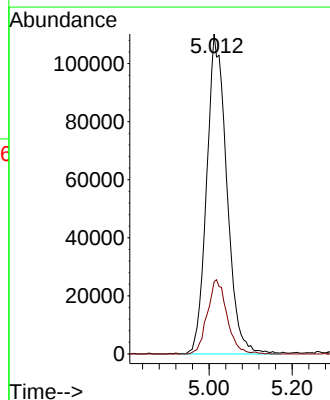
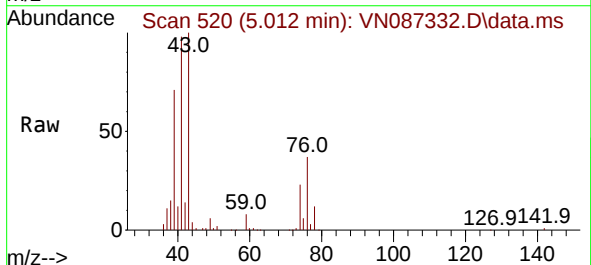
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

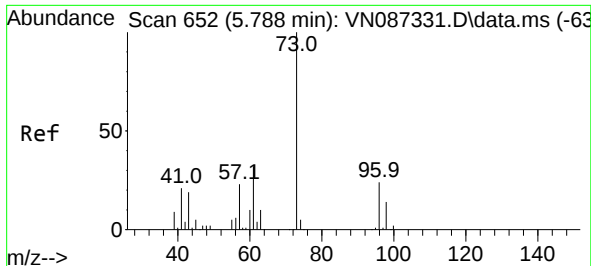
Tgt Ion: 76 Resp: 631695
Ion Ratio Lower Upper
76 100
78 8.8 8.6 13.0



#18
Methyl Acetate
Concen: 96.247 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 43 Resp: 369894
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.6

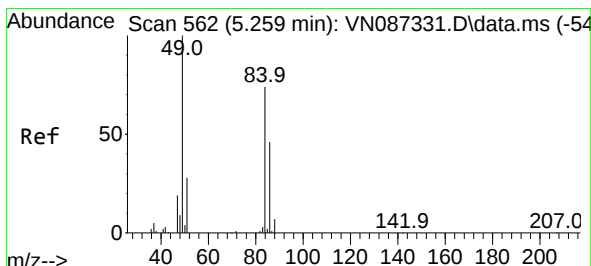
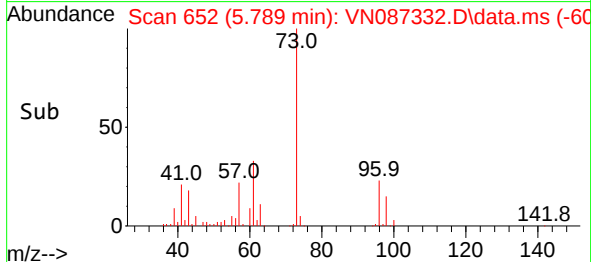
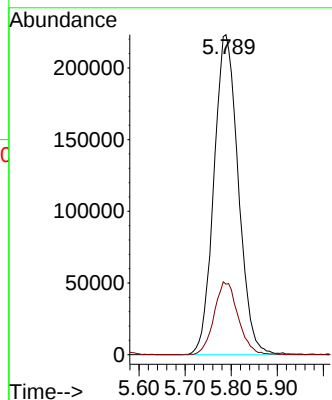
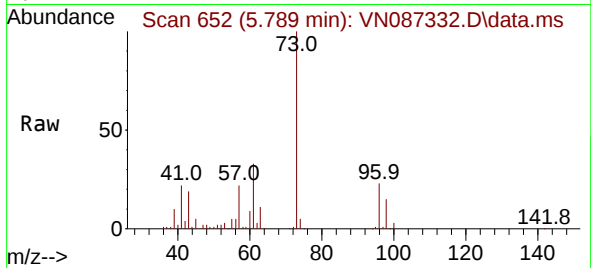




#19
Methyl tert-butyl Ether
Concen: 101.186 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

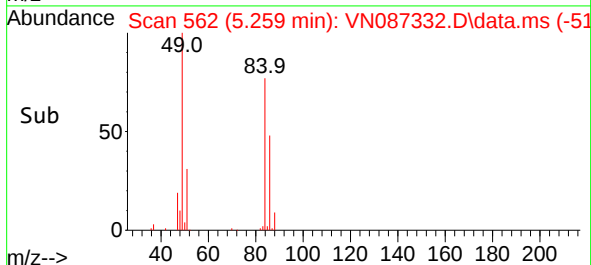
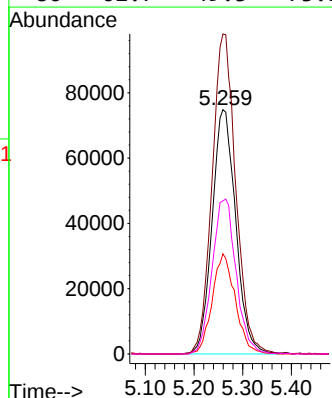
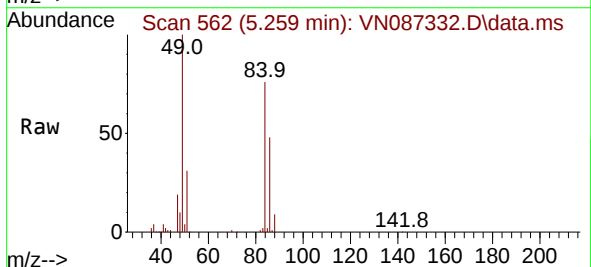
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

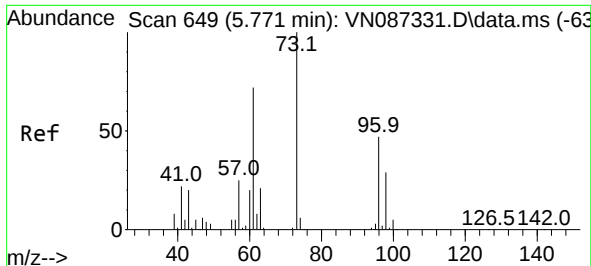
Tgt Ion: 73 Resp: 818763
Ion Ratio Lower Upper
73 100
57 22.1 18.6 27.8



#20
Methylene Chloride
Concen: 98.001 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 84 Resp: 251830
Ion Ratio Lower Upper
84 100
49 131.0 107.5 161.3
51 41.0 30.2 45.2
86 62.7 49.3 73.9

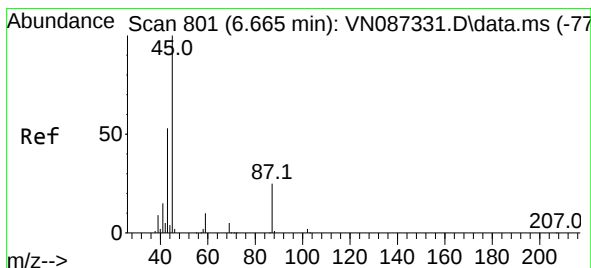
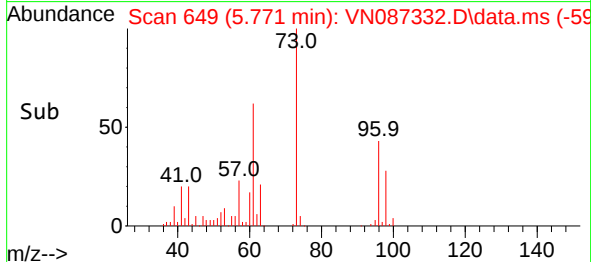
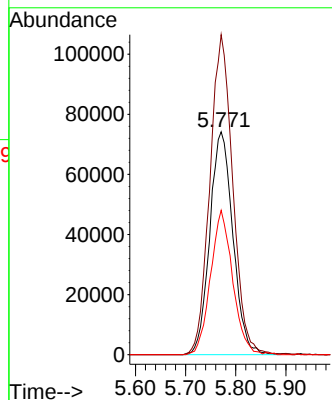
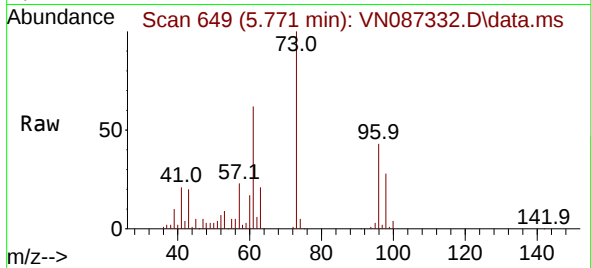




#21
trans-1,2-Dichloroethene
Concen: 96.030 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

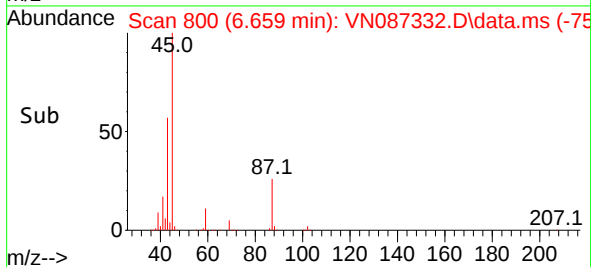
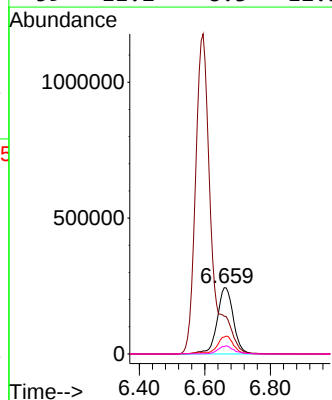
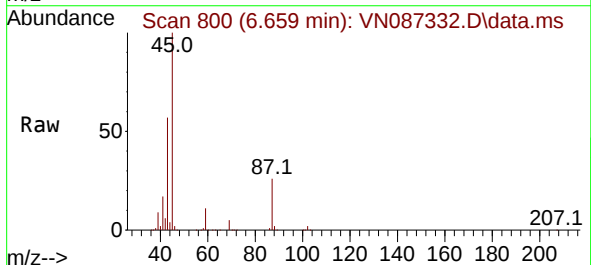
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

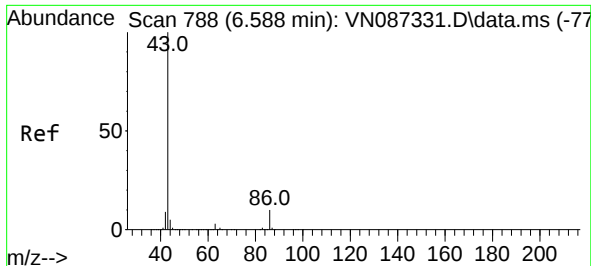
Tgt Ion: 96 Resp: 237704
Ion Ratio Lower Upper
96 100
61 143.5 122.0 183.0
98 64.7 50.0 75.0



#22
Diisopropyl ether
Concen: 99.921 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 45 Resp: 832709
Ion Ratio Lower Upper
45 100
43 56.9 42.8 64.2
87 25.7 19.8 29.6
59 11.2 8.3 12.5

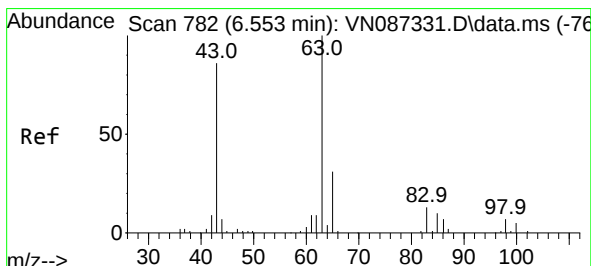
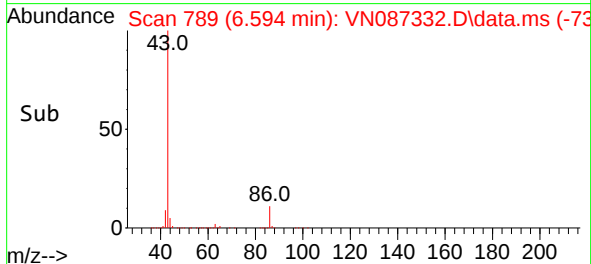
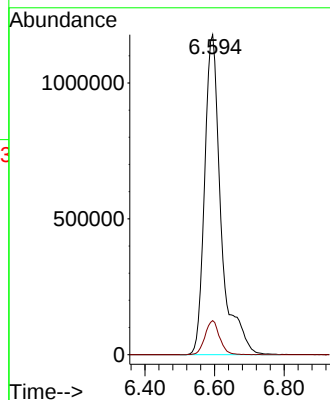
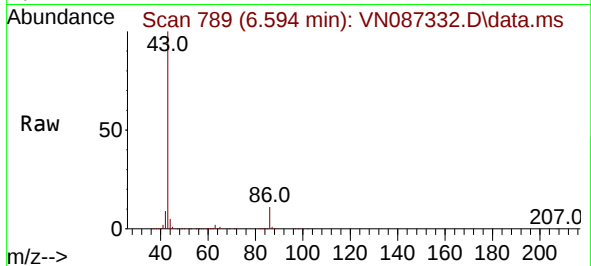




#23
 Vinyl Acetate
 Concen: 529.516 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087332.D
 Acq: 16 Jul 2025 18:32

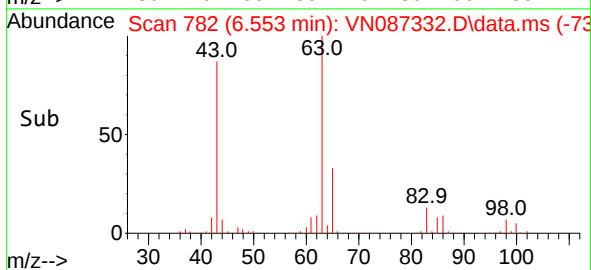
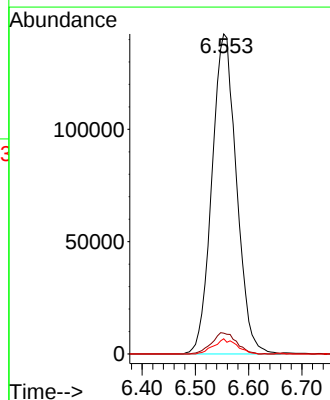
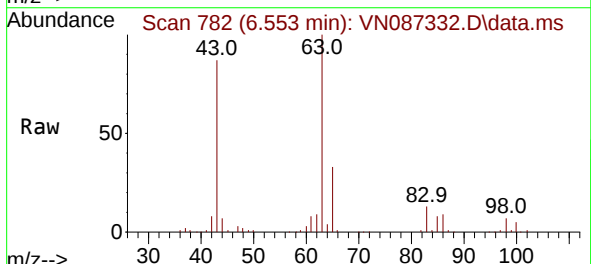
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

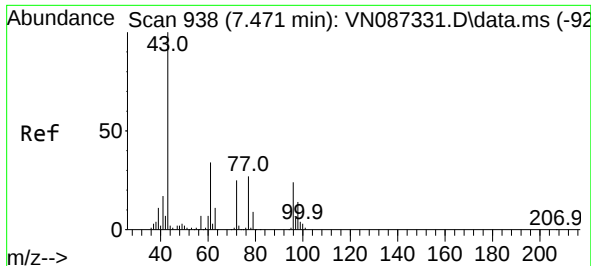
Tgt Ion: 43 Resp: 3859420
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 94.807 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087332.D
 Acq: 16 Jul 2025 18:32

Tgt Ion: 63 Resp: 455820
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.7 2.5 7.4

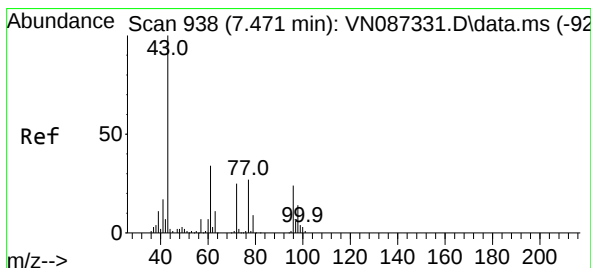
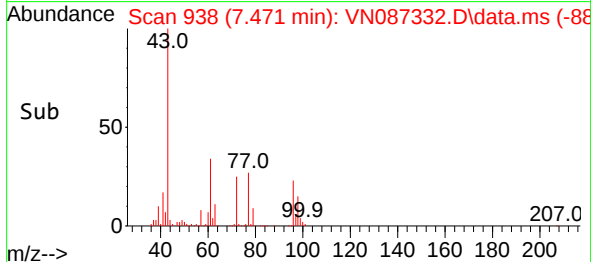
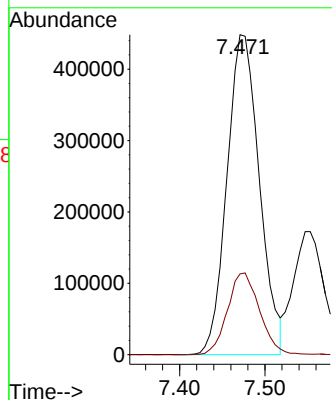
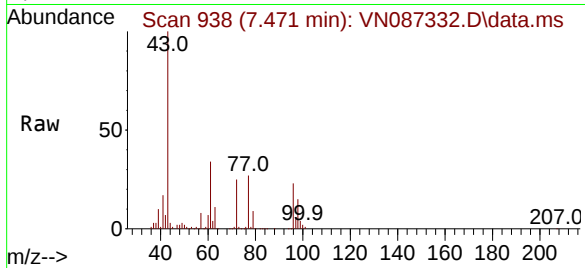




#25
2-Butanone
Concen: 501.667 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

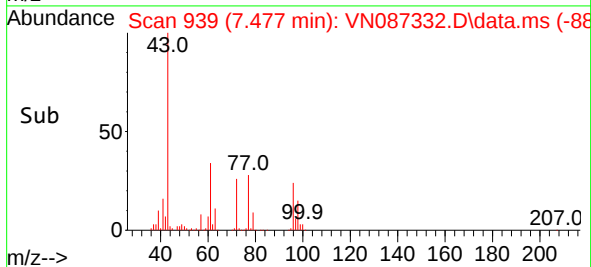
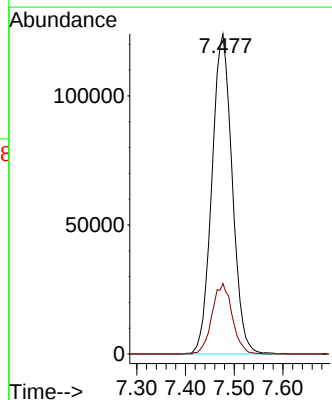
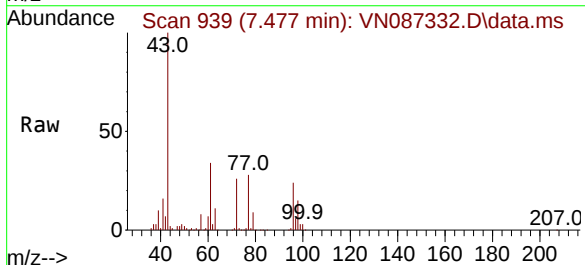
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

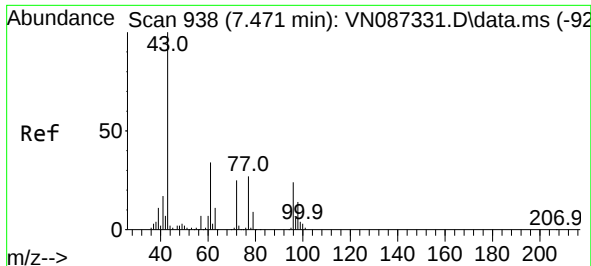
Tgt Ion: 43 Resp: 1185700
Ion Ratio Lower Upper
43 100
72 25.3 19.6 29.4



#26
2,2-Dichloropropane
Concen: 95.932 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 77 Resp: 358596
Ion Ratio Lower Upper
77 100
97 21.9 11.1 33.1

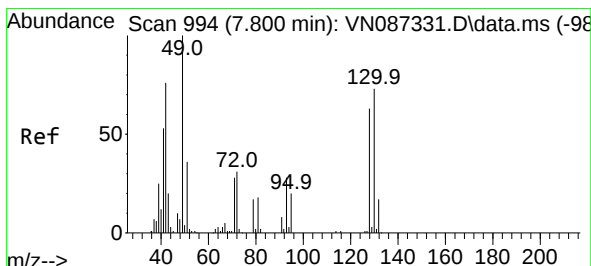
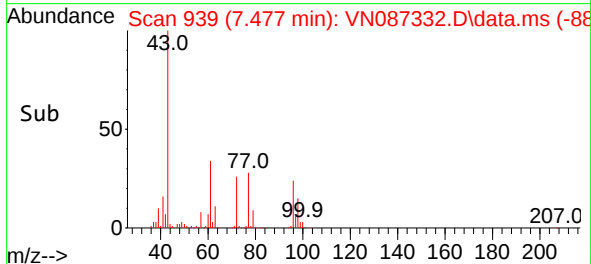
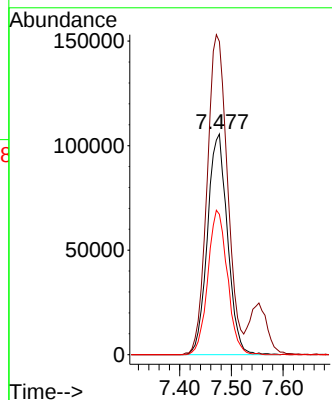
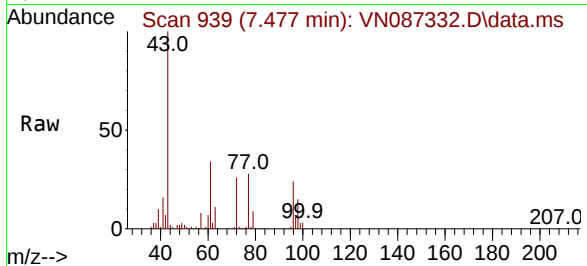




#27
 cis-1,2-Dichloroethene
 Concen: 99.858 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087332.D
 Acq: 16 Jul 2025 18:32

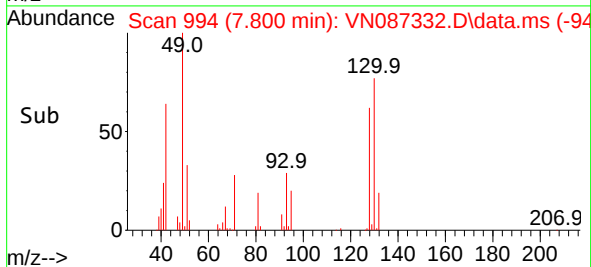
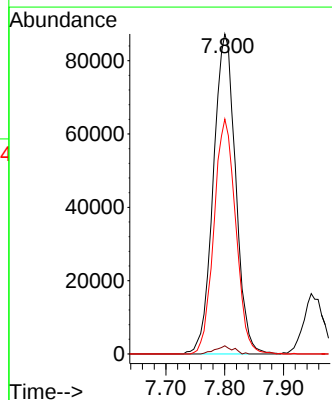
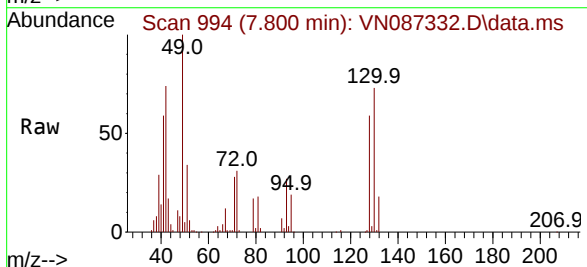
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

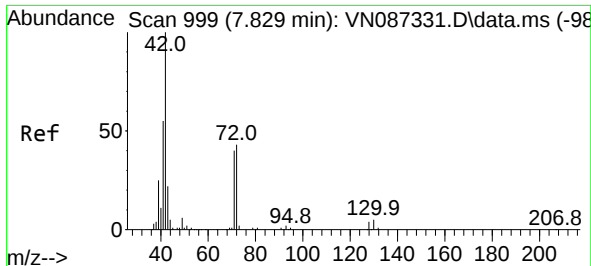
Tgt Ion: 96 Resp: 284578
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 297.8
 98 63.9 0.0 132.4



#28
 Bromochloromethane
 Concen: 99.757 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087332.D
 Acq: 16 Jul 2025 18:32

Tgt Ion: 49 Resp: 229544
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 71.8 57.3 85.9

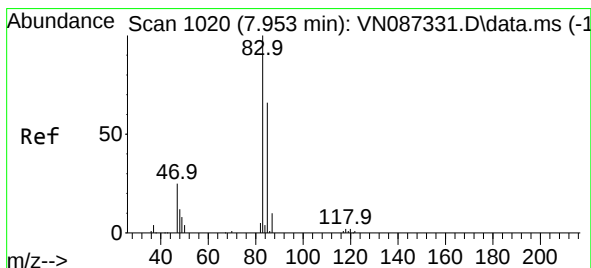
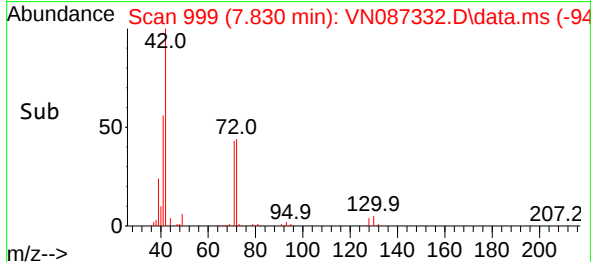
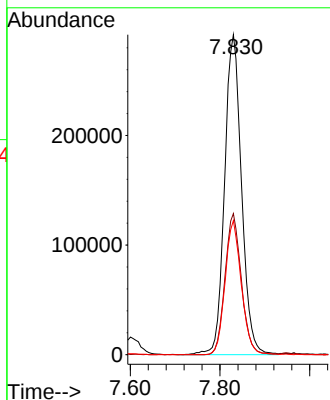
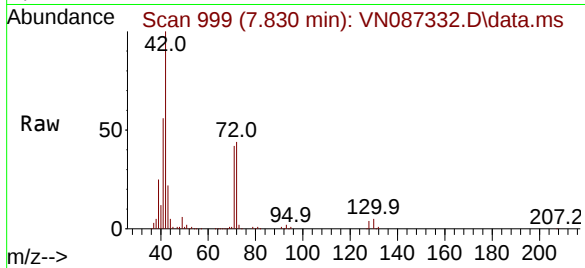




#29
Tetrahydrofuran
Concen: 500.532 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

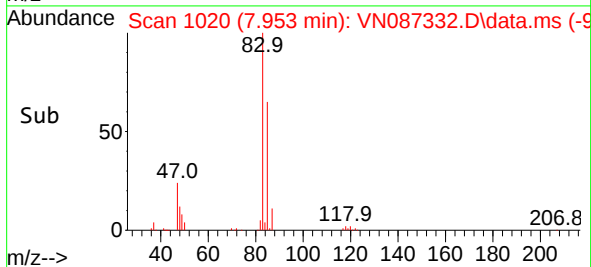
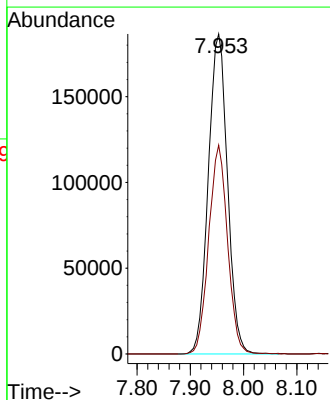
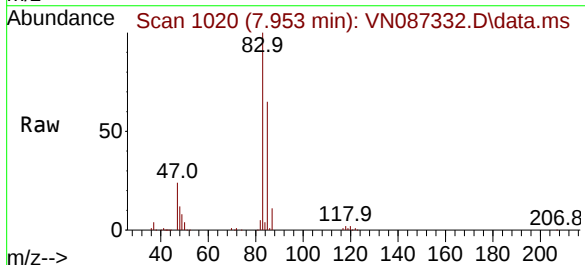
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

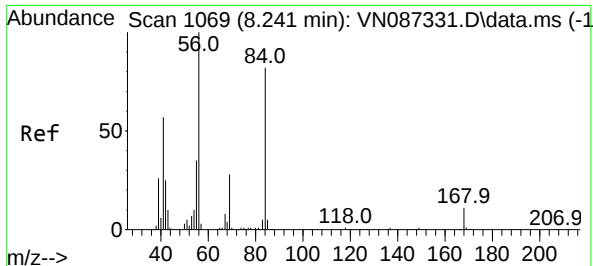
Tgt Ion: 42 Resp: 768521
Ion Ratio Lower Upper
42 100
72 42.4 33.4 50.0
71 40.2 31.2 46.8



#30
Chloroform
Concen: 97.008 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 83 Resp: 466838
Ion Ratio Lower Upper
83 100
85 65.3 52.7 79.1

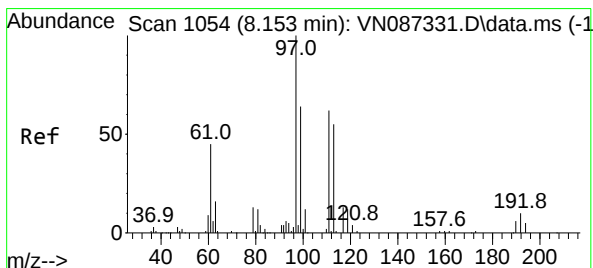
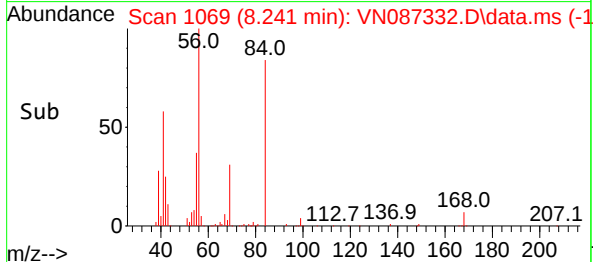
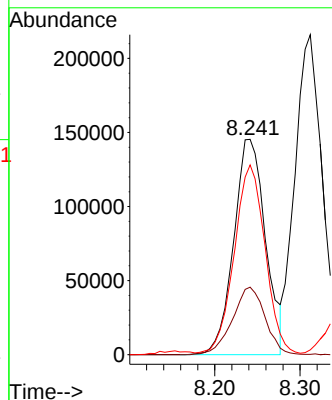
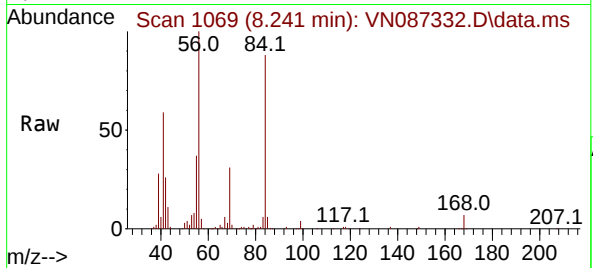




#31
Cyclohexane
Concen: 94.035 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

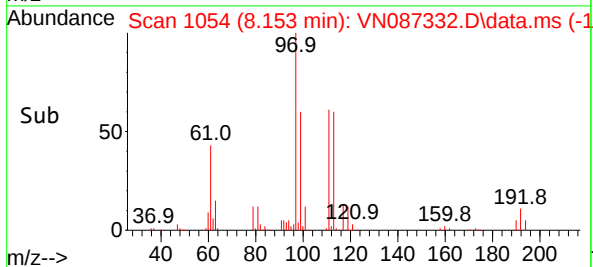
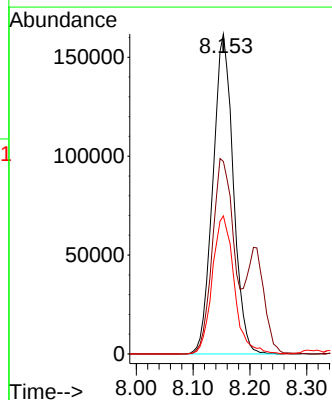
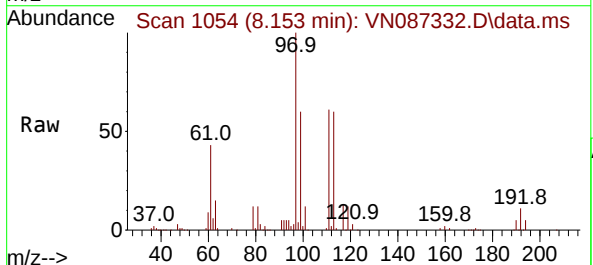
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

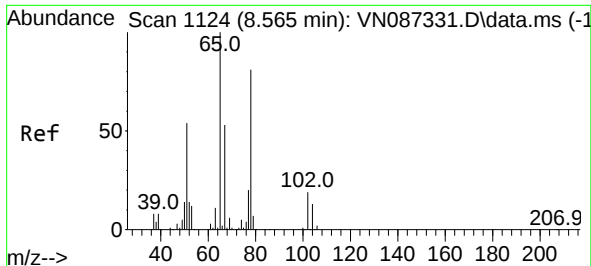
Tgt Ion: 56 Resp: 377159
Ion Ratio Lower Upper
56 100
69 31.4 22.7 34.1
84 86.8 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 96.794 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 97 Resp: 403445
Ion Ratio Lower Upper
97 100
99 62.9 51.8 77.8
61 46.4 38.7 58.1

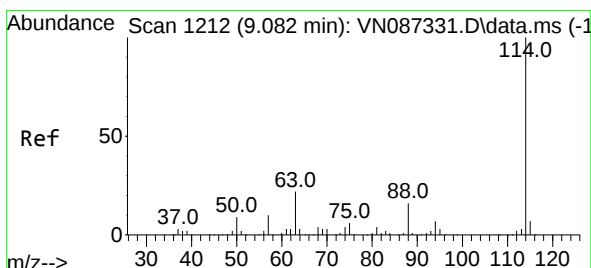
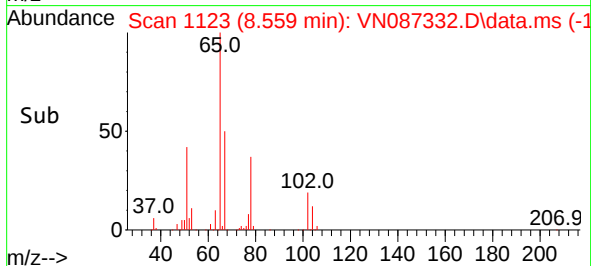
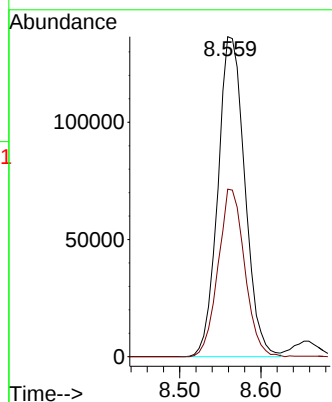
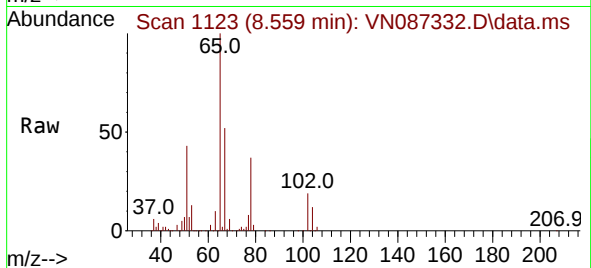




#33
1,2-Dichloroethane-d4
Concen: 96.373 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

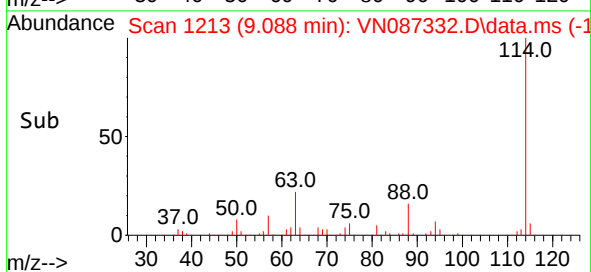
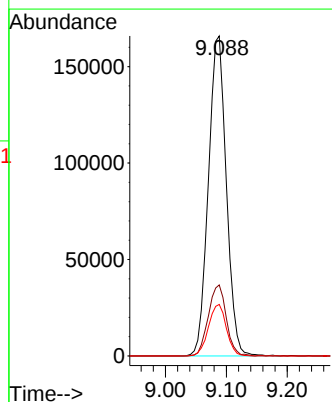
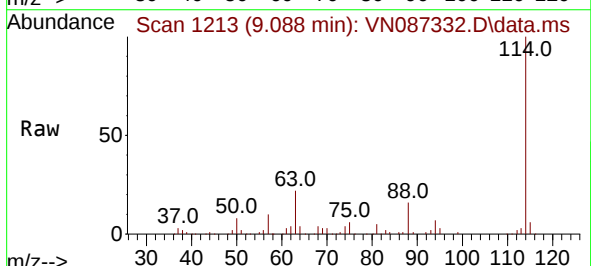
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

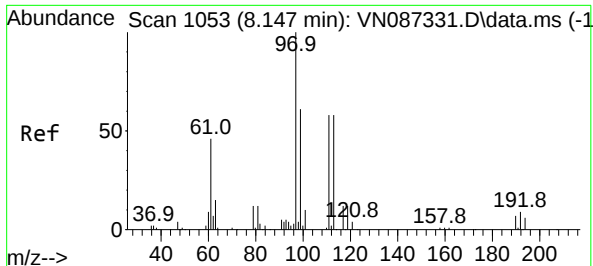
Tgt Ion: 65 Resp: 314416
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.088 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 114 Resp: 339591
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.6
88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 100.947 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

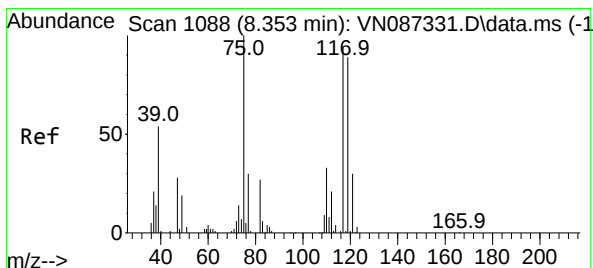
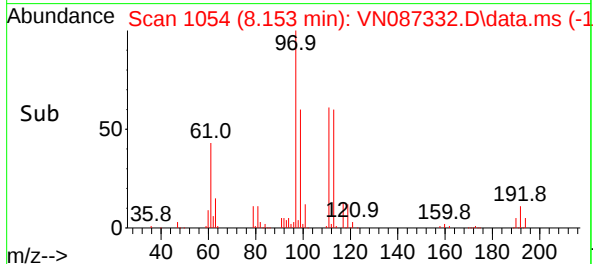
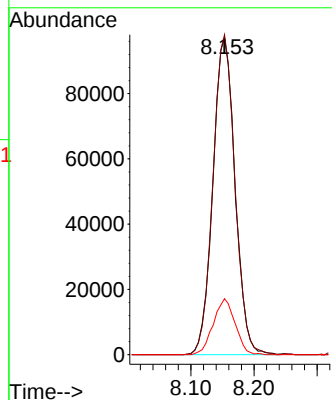
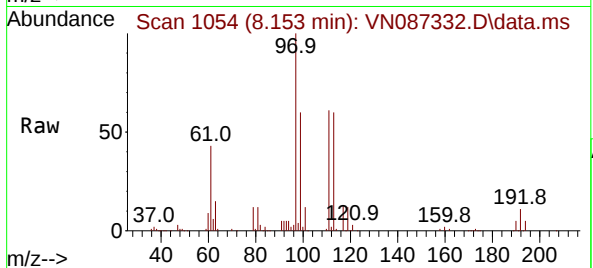
Tgt Ion:113 Resp: 236468

Ion Ratio Lower Upper

113 100

111 100.2 82.5 123.7

192 17.5 13.7 20.5



#36

1,1-Dichloropropene

Concen: 104.705 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

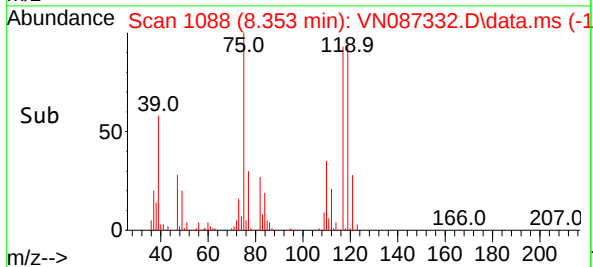
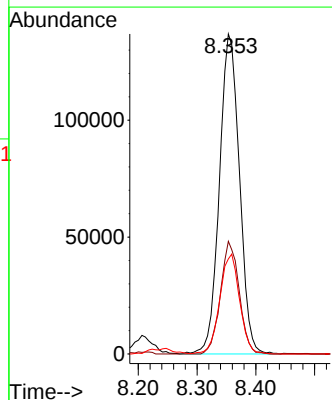
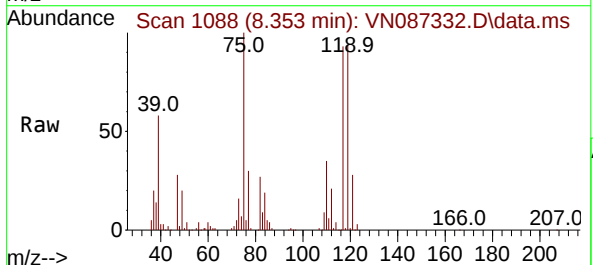
Tgt Ion: 75 Resp: 324047

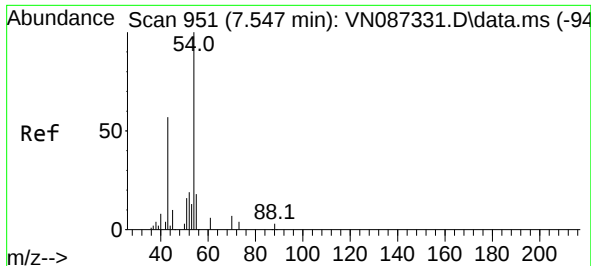
Ion Ratio Lower Upper

75 100

110 32.9 16.7 50.1

77 30.9 25.2 37.8

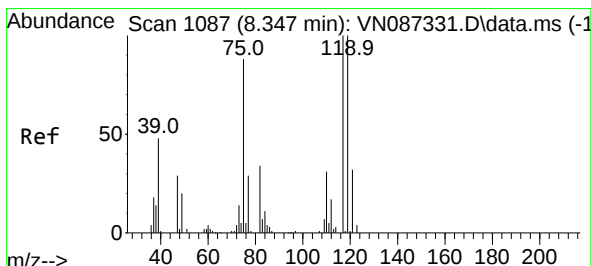
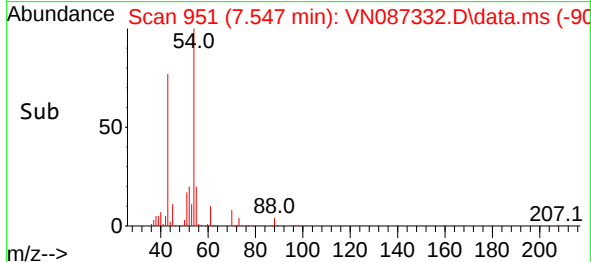
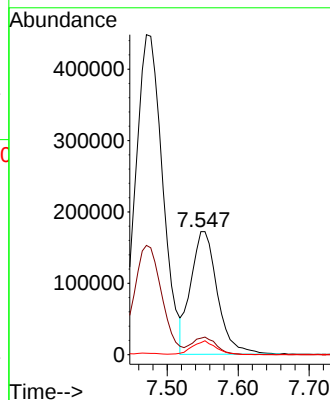
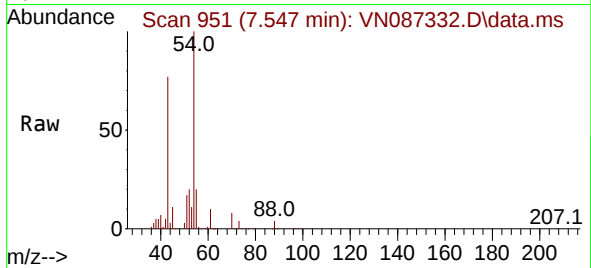




#37
Ethyl Acetate
Concen: 100.326 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

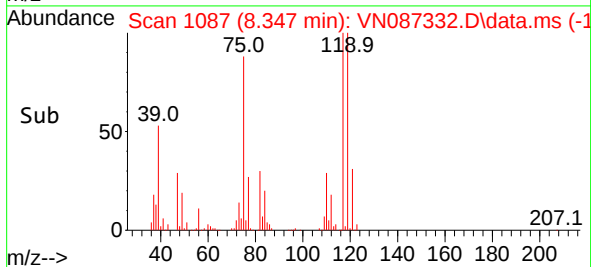
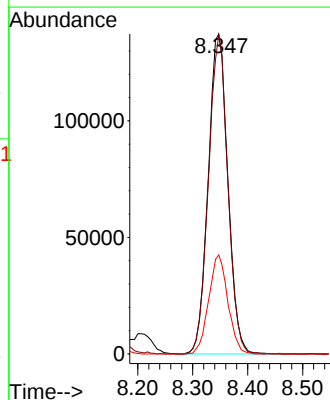
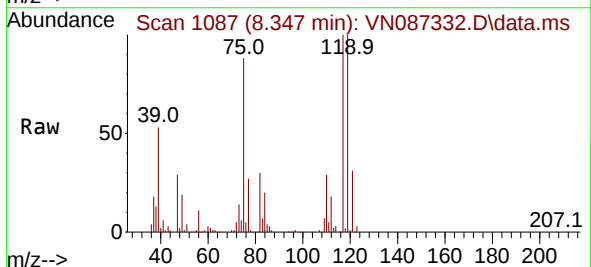
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

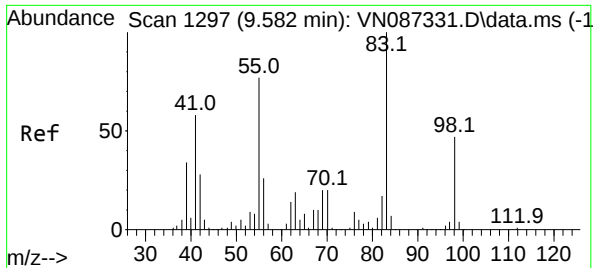
Tgt Ion: 43 Resp: 448428
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 10.1 7.4 11.0



#38
Carbon Tetrachloride
Concen: 100.328 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 117 Resp: 342043
Ion Ratio Lower Upper
117 100
119 99.6 80.2 120.2
121 31.0 25.4 38.2

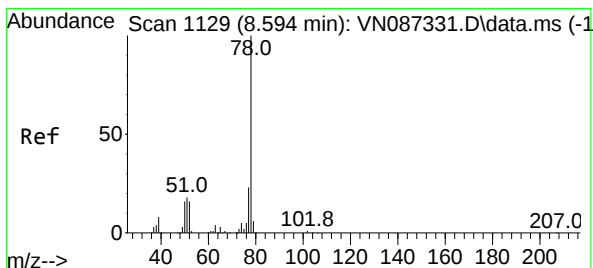
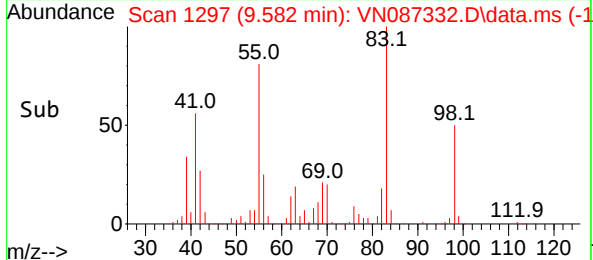
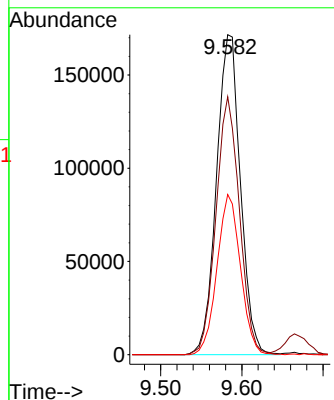
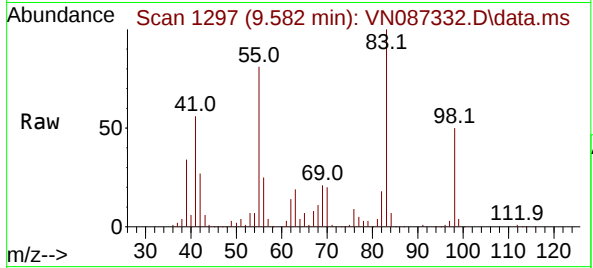




#39
Methylcyclohexane
Concen: 105.118 ug/l
RT: 9.582 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

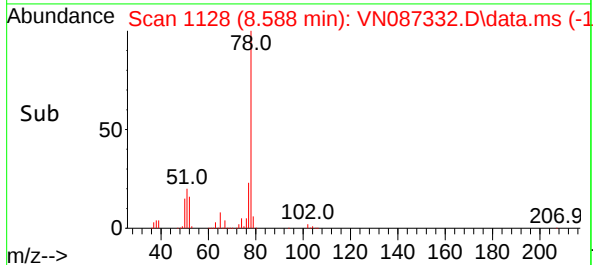
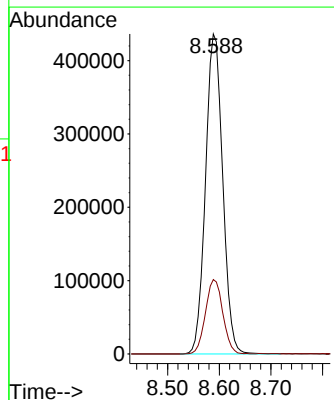
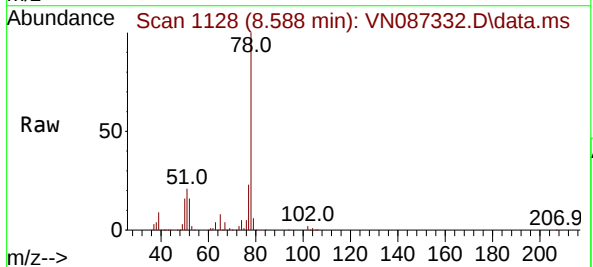
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

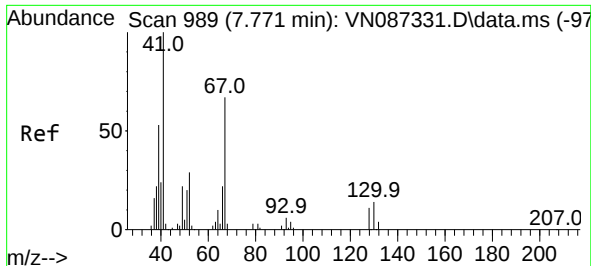
Tgt Ion: 83 Resp: 352211
Ion Ratio Lower Upper
83 100
55 80.6 61.3 91.9
98 50.1 37.9 56.9



#40
Benzene
Concen: 100.700 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 78 Resp: 1007257
Ion Ratio Lower Upper
78 100
77 23.2 18.2 27.2



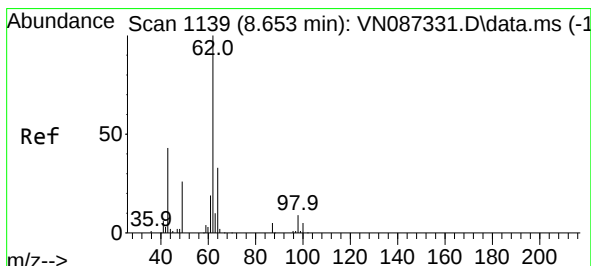
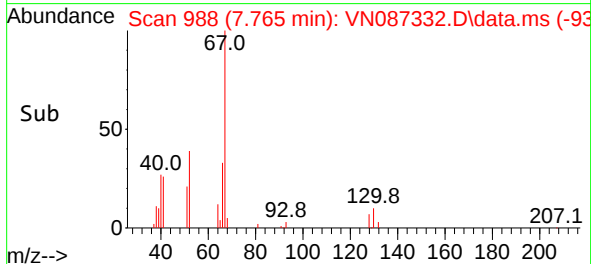
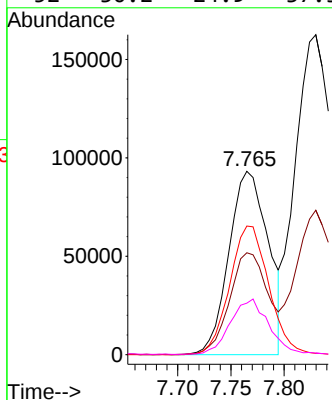
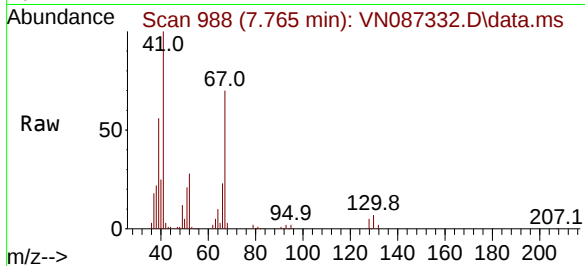


#41
Methacrylonitrile
Concen: 102.544 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 239659

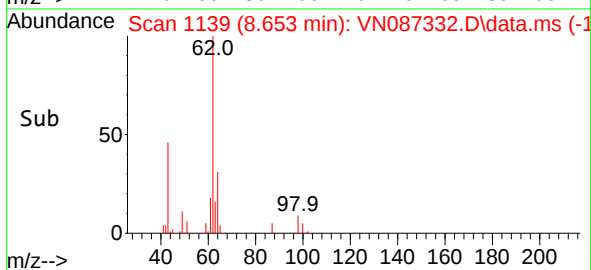
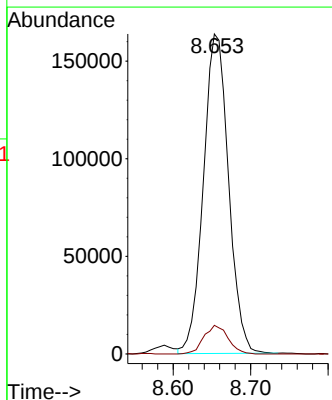
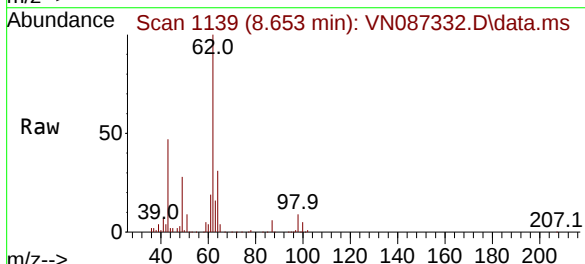
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.4	65.0
67	69.8	55.1	82.7
52	30.2	24.9	37.3

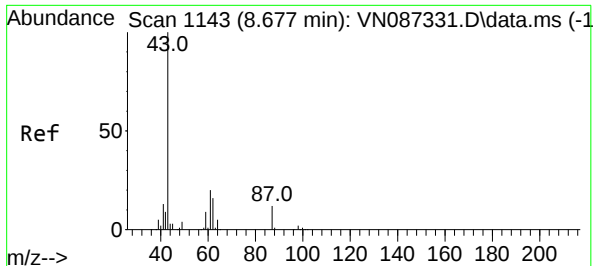


#42
1,2-Dichloroethane
Concen: 97.472 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 62 Resp: 369731

Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.0





#43

Isopropyl Acetate

Concen: 101.598 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

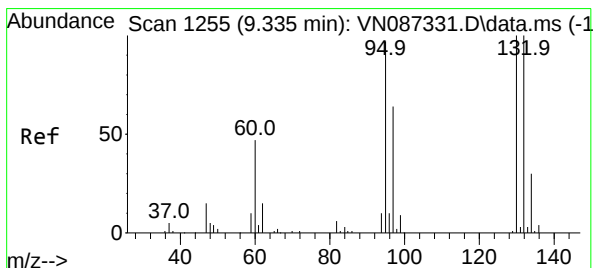
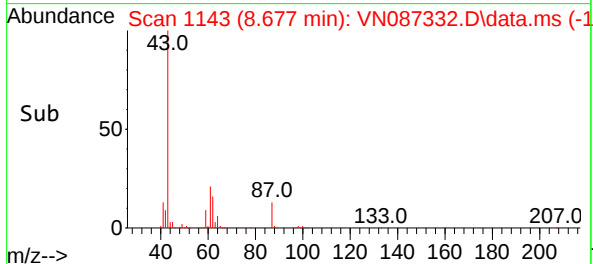
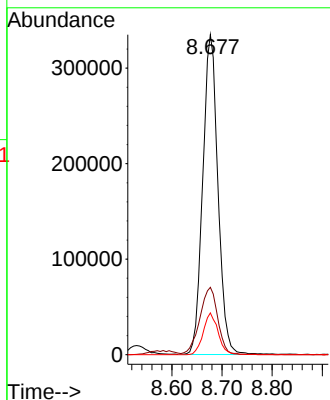
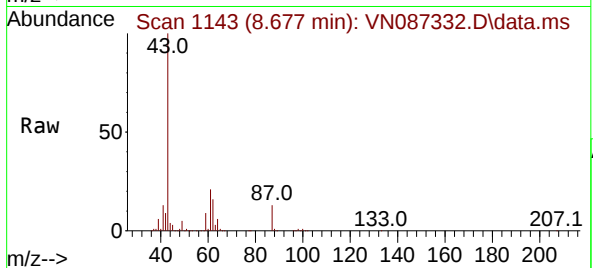
Tgt Ion: 43 Resp: 704936

Ion Ratio Lower Upper

43 100

61 24.8 19.8 29.8

87 12.8 9.8 14.6



#44

Trichloroethene

Concen: 97.472 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087332.D

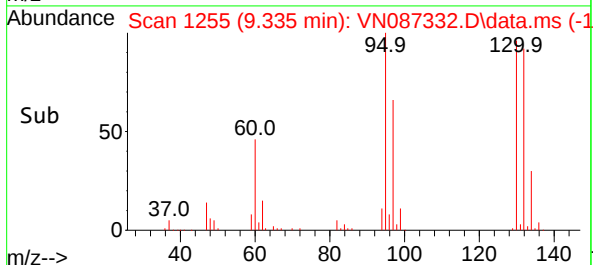
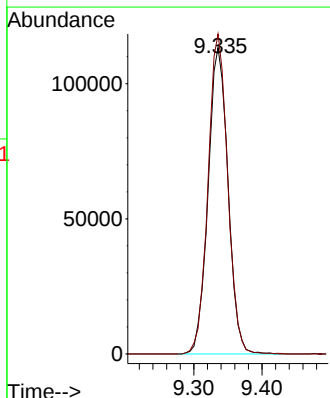
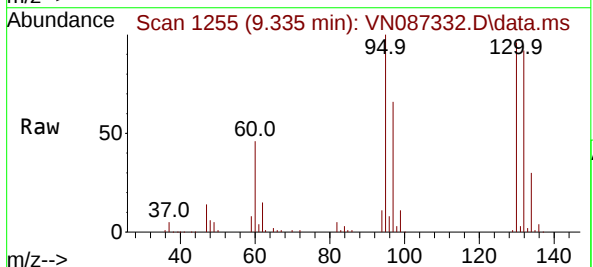
Acq: 16 Jul 2025 18:32

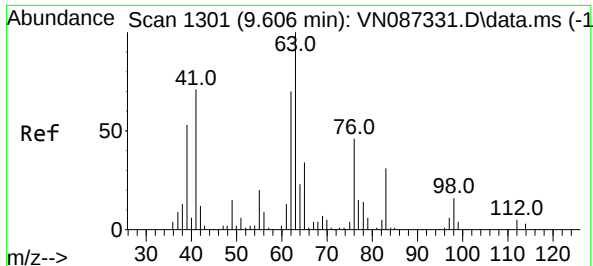
Tgt Ion:130 Resp: 230373

Ion Ratio Lower Upper

130 100

95 104.4 0.0 195.2





#45

1,2-Dichloropropane

Concen: 100.478 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

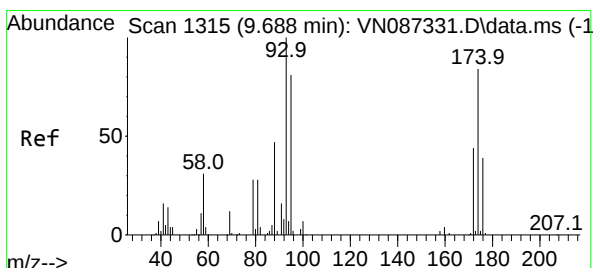
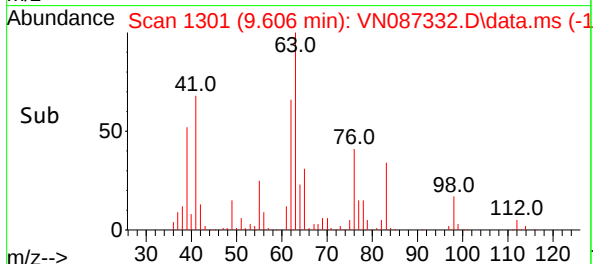
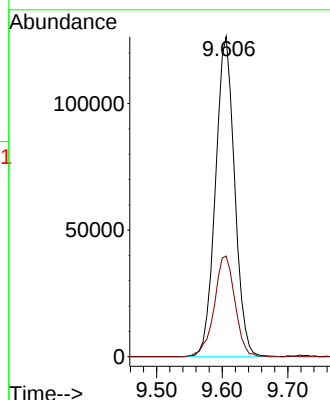
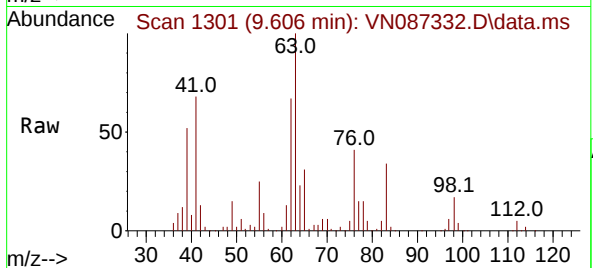
VSTDIC100

Tgt Ion: 63 Resp: 255369

Ion Ratio Lower Upper

63 100

65 31.4 27.0 40.4



#46

Dibromomethane

Concen: 97.696 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

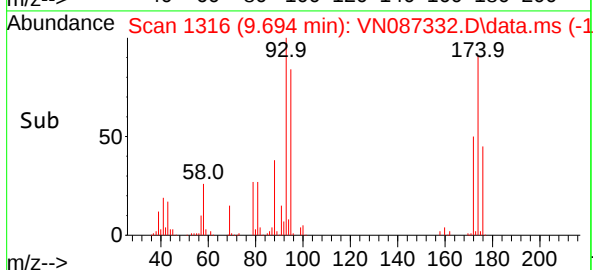
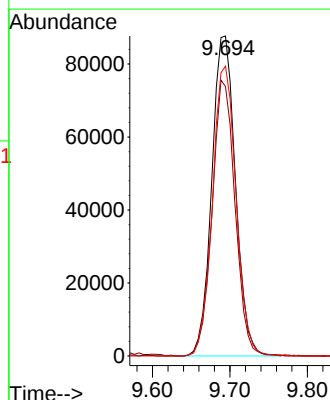
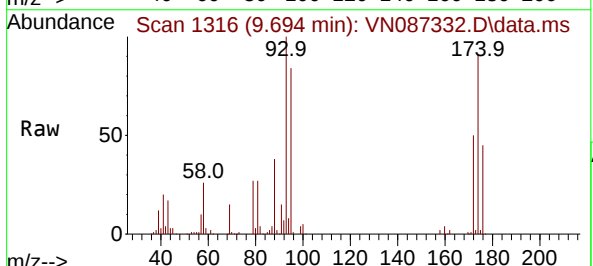
Tgt Ion: 93 Resp: 185908

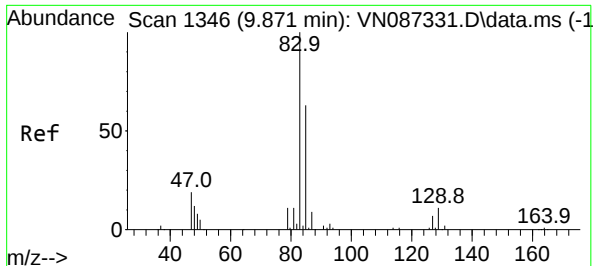
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.8

174 90.3 69.9 104.9

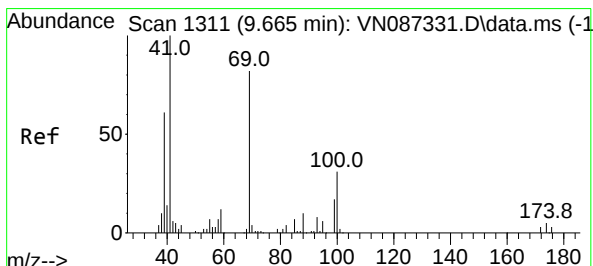
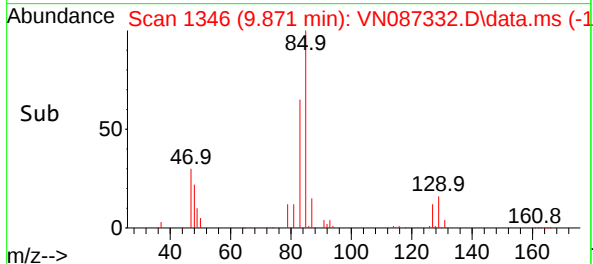
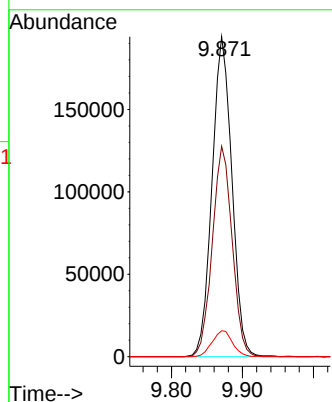
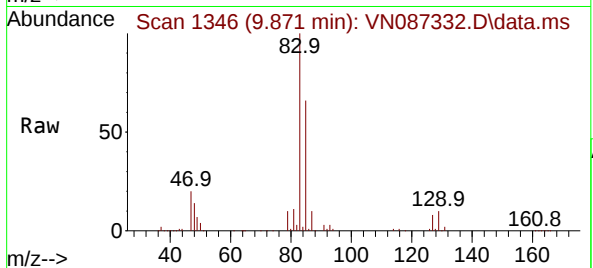




#47
Bromodichloromethane
Concen: 98.072 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

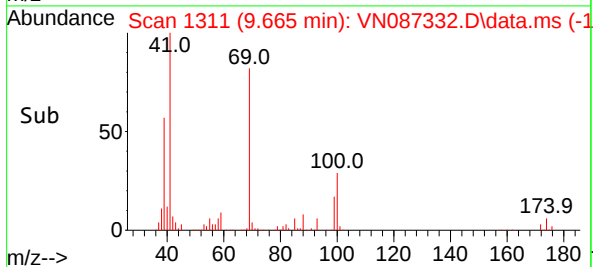
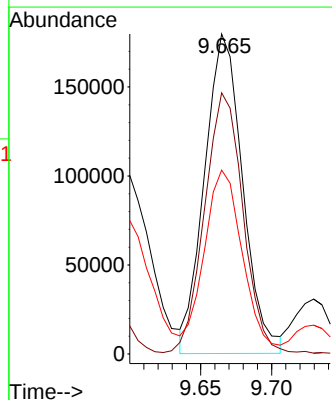
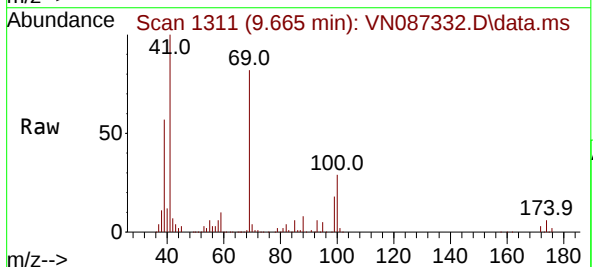
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

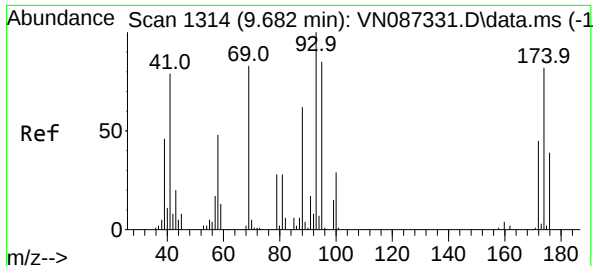
Tgt Ion: 83 Resp: 375910
Ion Ratio Lower Upper
83 100
85 65.7 50.4 75.6
127 8.1 5.8 8.8



#48
Methyl methacrylate
Concen: 107.228 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 41 Resp: 334941
Ion Ratio Lower Upper
41 100
69 83.2 64.1 96.1
39 58.3 45.5 68.3





#49

1,4-Dioxane

Concen: 2135.348 ug/l

RT: 9.688 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

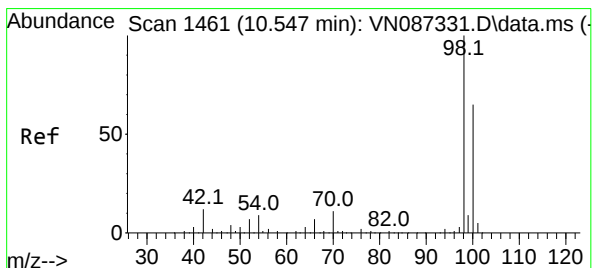
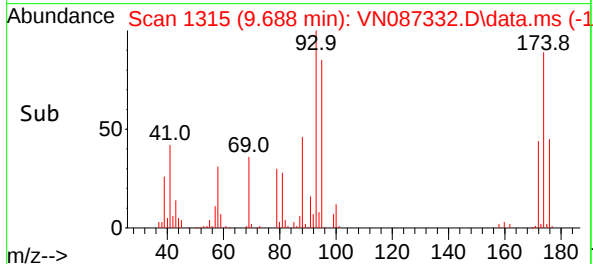
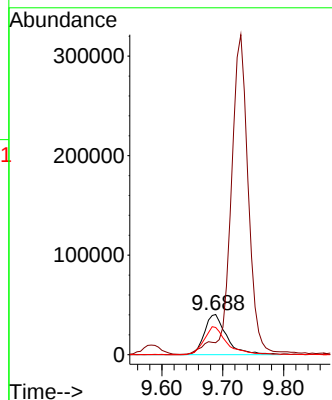
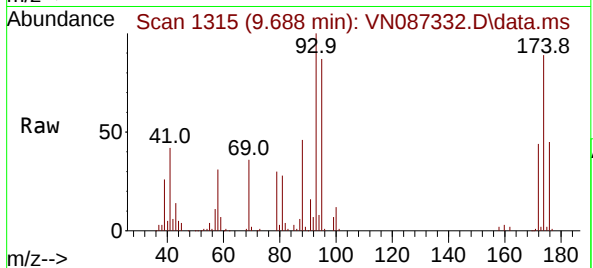
Tgt Ion: 88 Resp: 102159

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.4 61.1 91.7



#50

Toluene-d8

Concen: 101.999 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087332.D

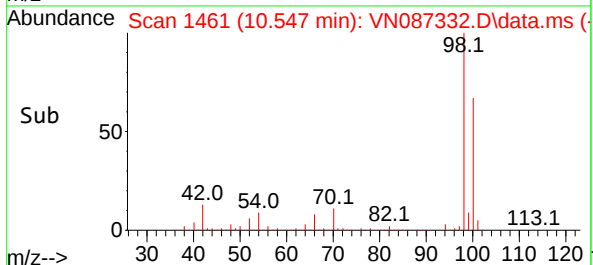
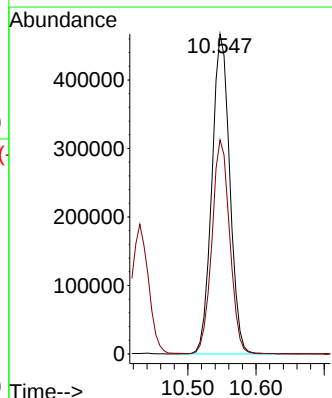
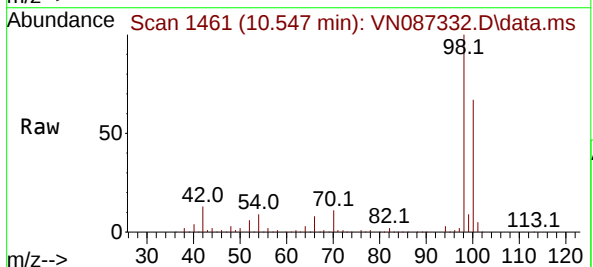
Acq: 16 Jul 2025 18:32

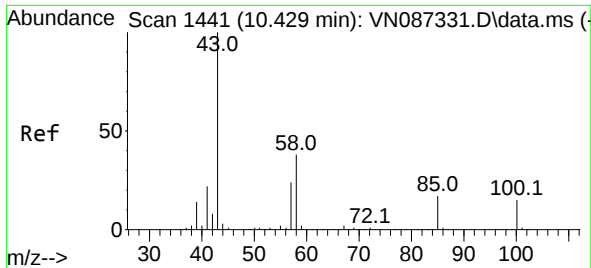
Tgt Ion: 98 Resp: 852301

Ion Ratio Lower Upper

98 100

100 66.6 52.1 78.1

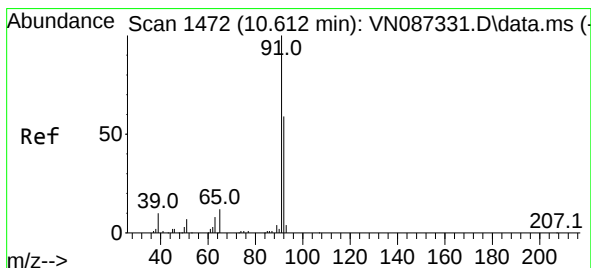
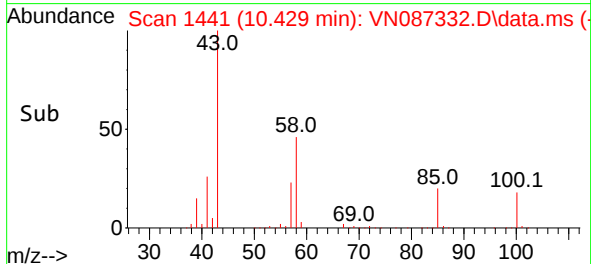
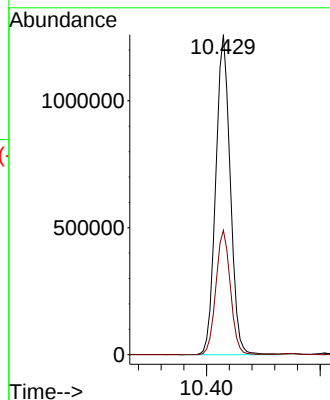
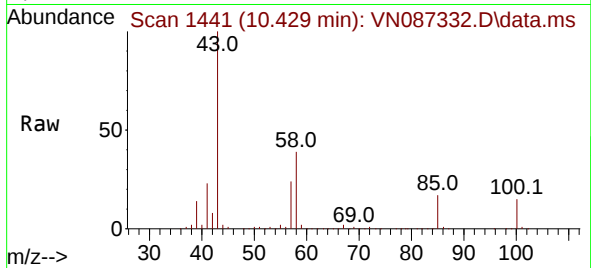




#51
4-Methyl-2-Pentanone
Concen: 509.127 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

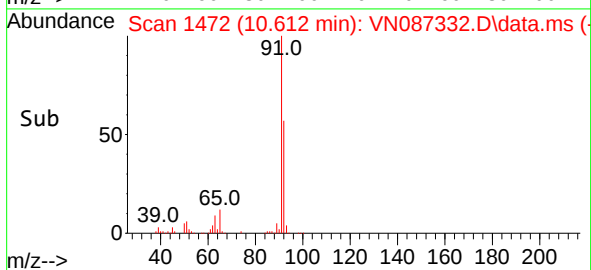
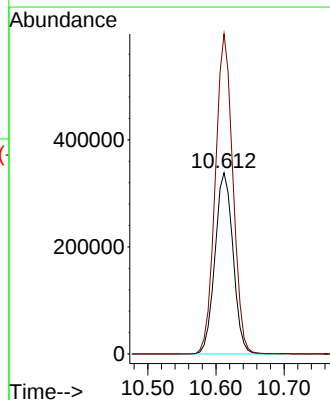
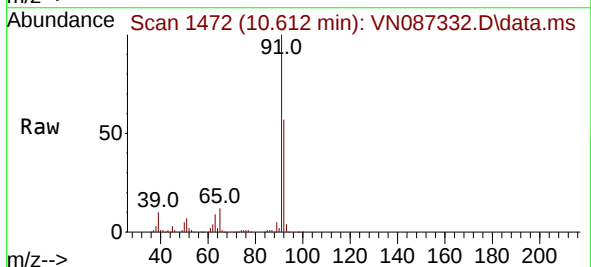
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

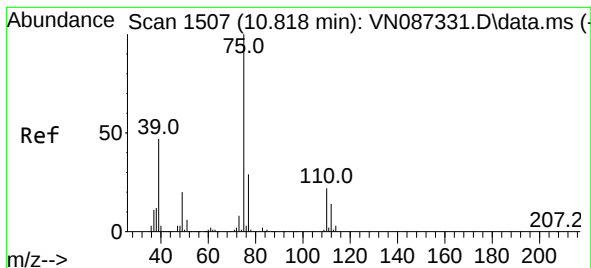
Tgt Ion: 43 Resp: 2234274
Ion Ratio Lower Upper
43 100
58 38.7 30.8 46.2



#52
Toluene
Concen: 102.349 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 92 Resp: 622259
Ion Ratio Lower Upper
92 100
91 172.5 135.1 202.7

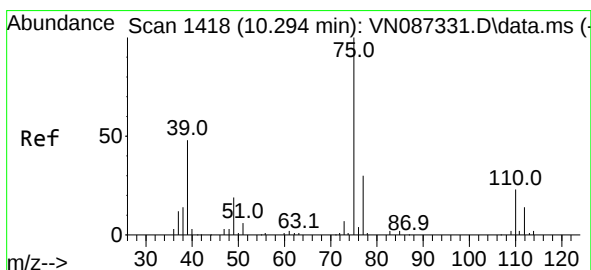
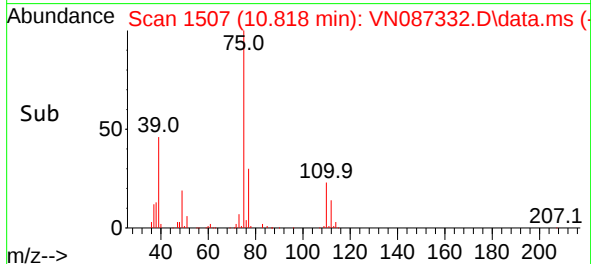
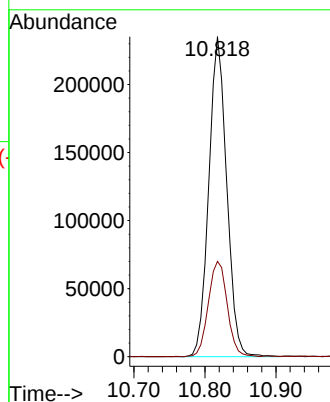
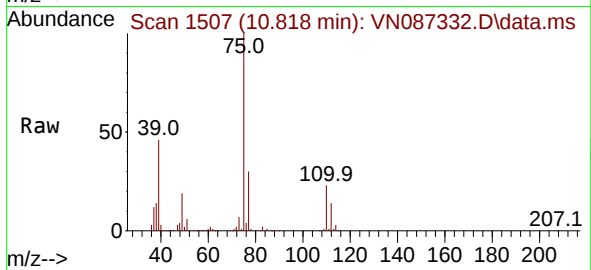




#53
t-1,3-Dichloropropene
Concen: 106.245 ug/l
RT: 10.818 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

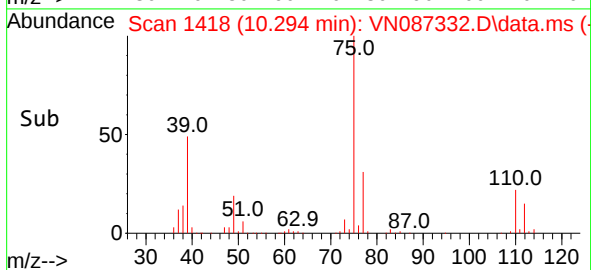
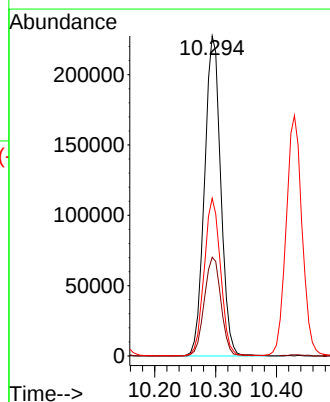
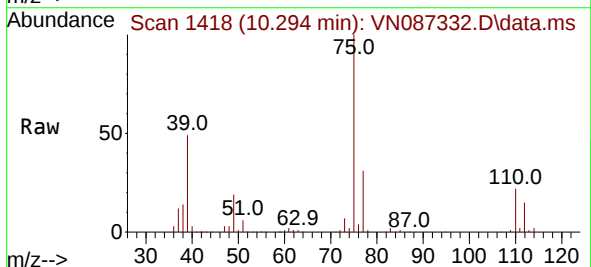
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

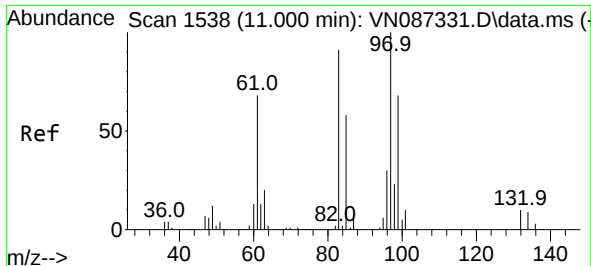
Tgt Ion: 75 Resp: 412142
Ion Ratio Lower Upper
75 100
77 29.7 23.6 35.4



#54
cis-1,3-Dichloropropene
Concen: 105.164 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 75 Resp: 421386
Ion Ratio Lower Upper
75 100
77 30.9 24.2 36.2
39 49.1 38.4 57.6



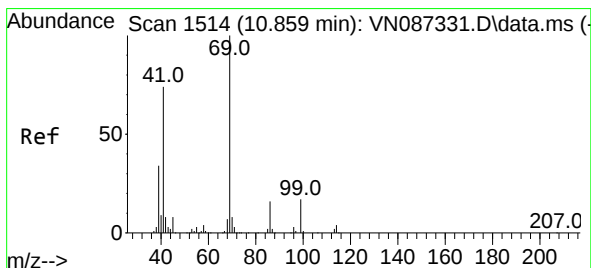
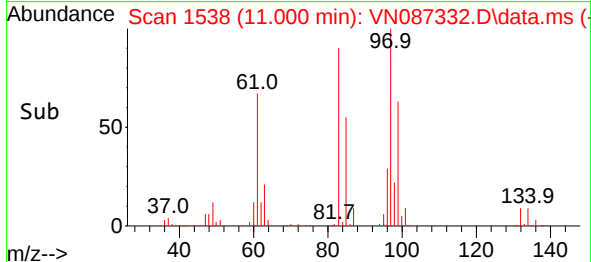
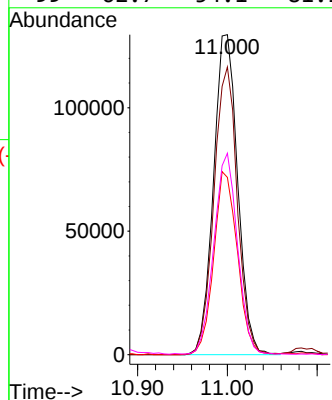
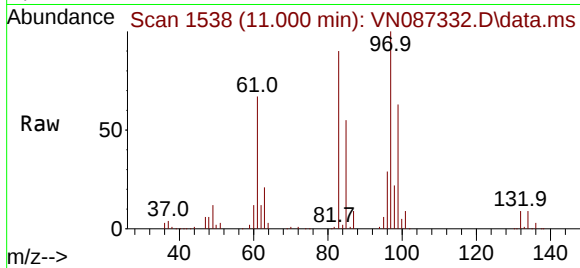


#55
1,1,2-Trichloroethane
Concen: 98.595 ug/l
RT: 11.000 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 242683

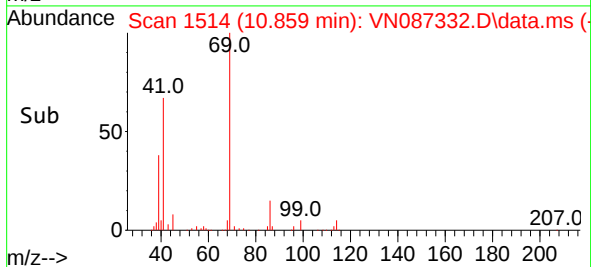
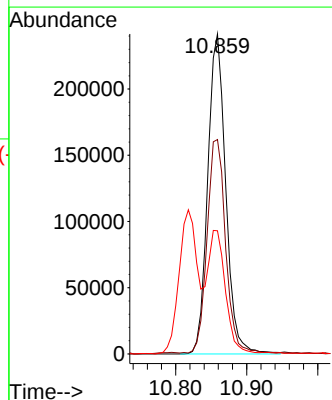
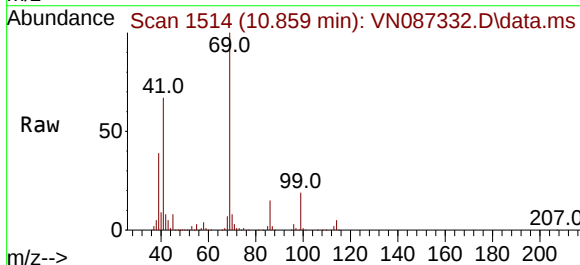
Ion	Ratio	Lower	Upper
97	100		
83	89.9	72.6	109.0
85	55.4	46.7	70.1
99	62.7	54.1	81.1

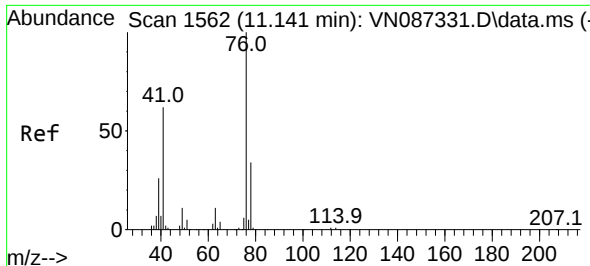


#56
Ethyl methacrylate
Concen: 98.980 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 69 Resp: 425458

Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.1	82.7
39	38.9	27.9	41.9





#57

1,3-Dichloropropane

Concen: 101.453 ug/l

RT: 11.147 min Scan# 1562

Delta R.T. 0.006 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

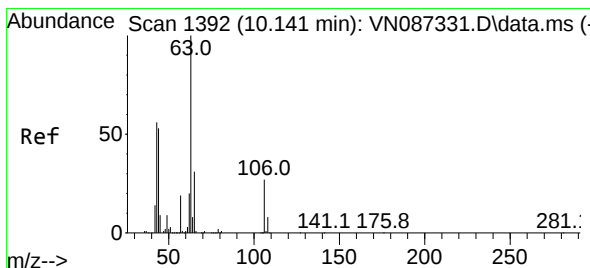
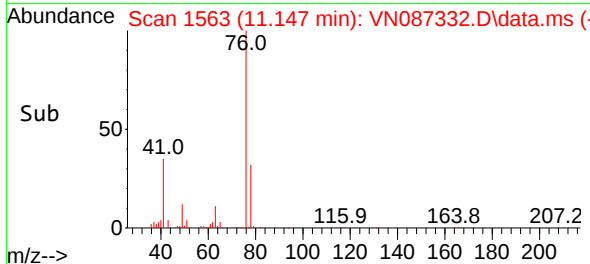
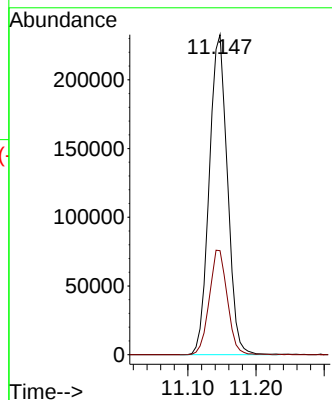
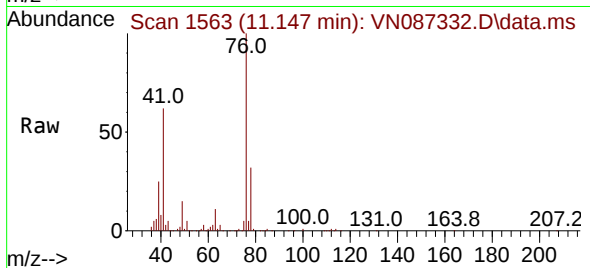
VSTDIC100

Tgt Ion: 76 Resp: 431753

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 521.327 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VN087332.D

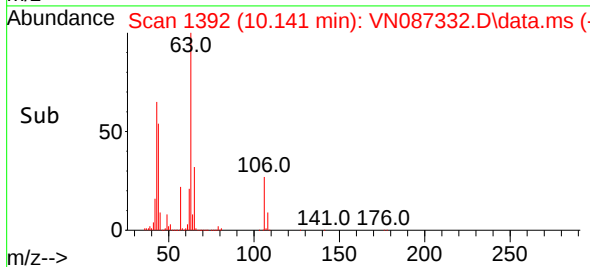
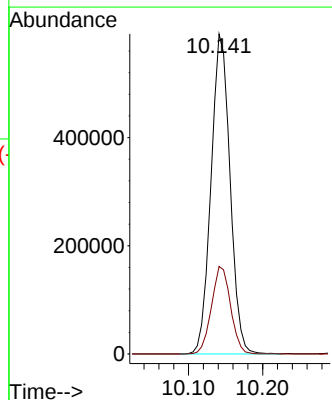
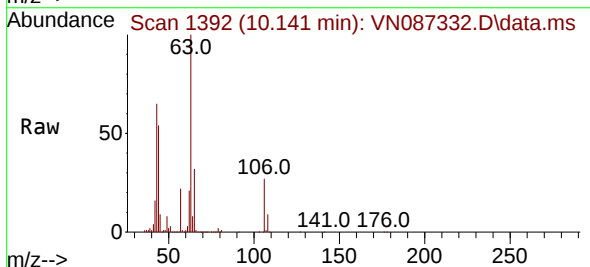
Acq: 16 Jul 2025 18:32

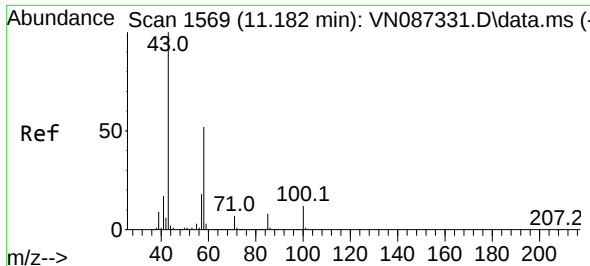
Tgt Ion: 63 Resp: 1052628

Ion Ratio Lower Upper

63 100

106 27.5 21.7 32.5

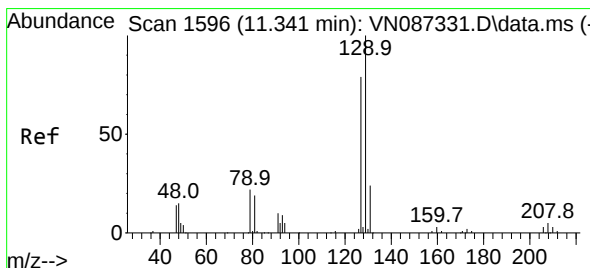
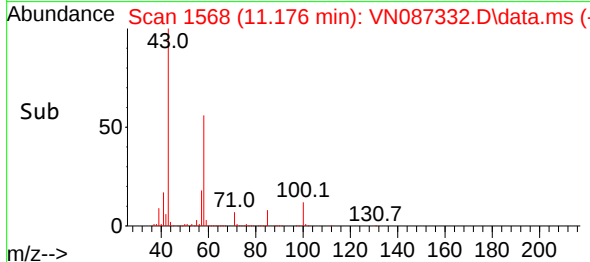
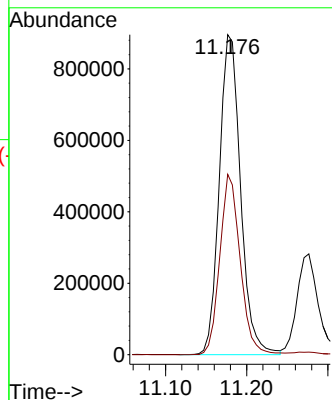
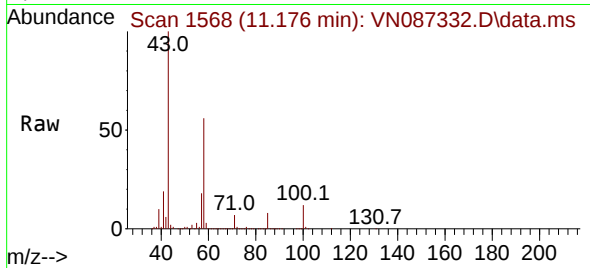




#59
2-Hexanone
Concen: 560.508 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

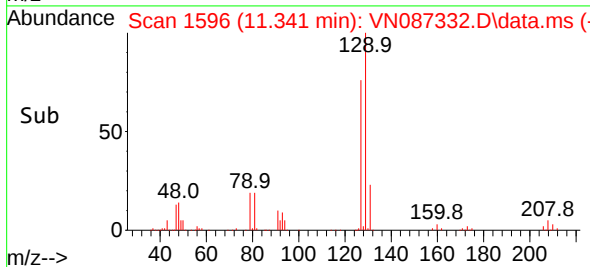
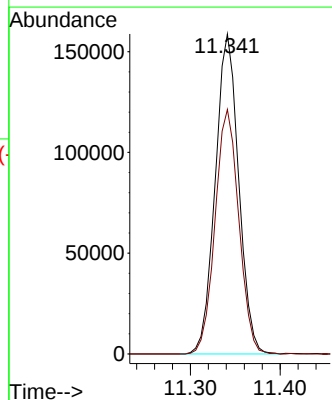
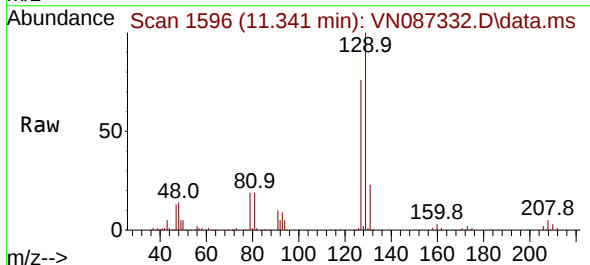
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

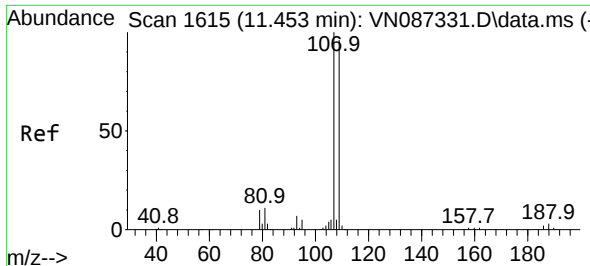
Tgt Ion: 43 Resp: 1631949
Ion Ratio Lower Upper
43 100
58 54.1 26.7 80.0



#60
Dibromochloromethane
Concen: 102.484 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 129 Resp: 287682
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.5

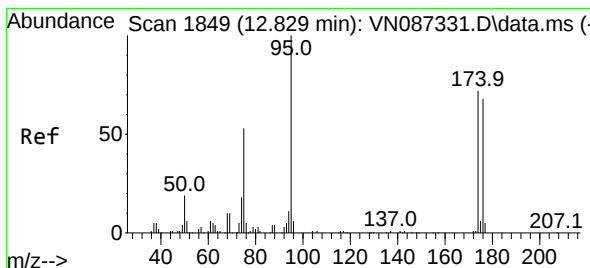
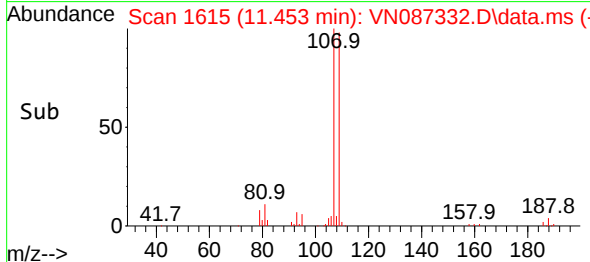
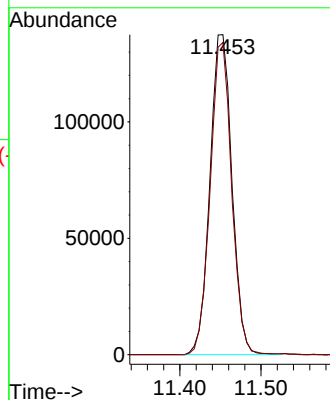
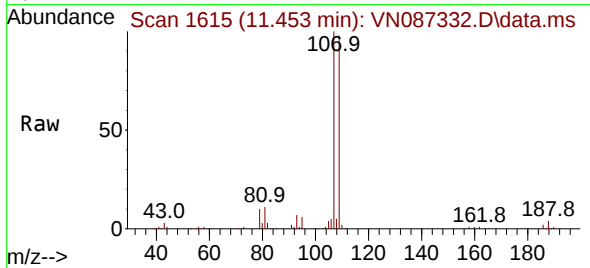




#61
1,2-Dibromoethane
Concen: 100.051 ug/l
RT: 11.453 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

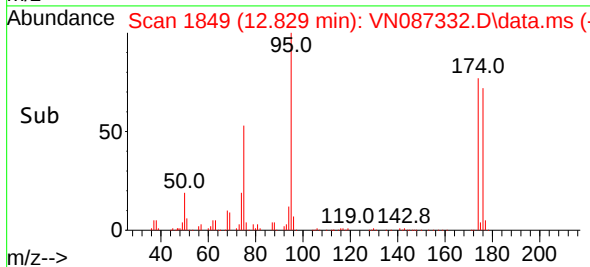
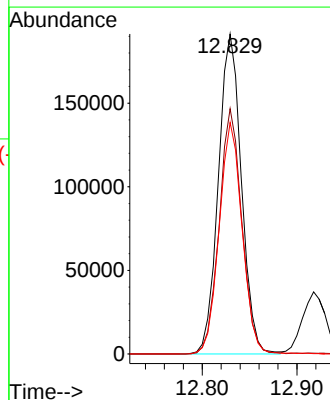
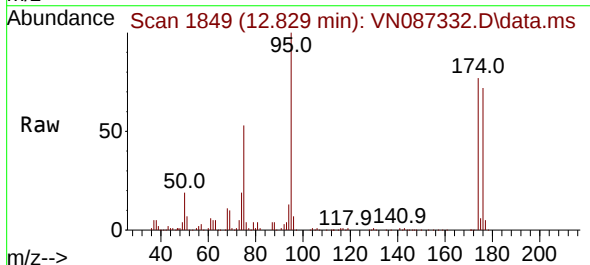
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

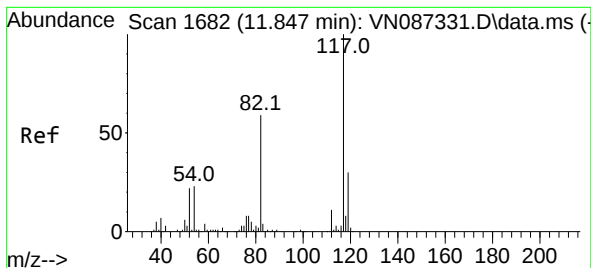
Tgt Ion:107 Resp: 258936
Ion Ratio Lower Upper
107 100
109 94.9 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 104.650 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 95 Resp: 323070
Ion Ratio Lower Upper
95 100
174 75.5 0.0 149.4
176 72.2 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

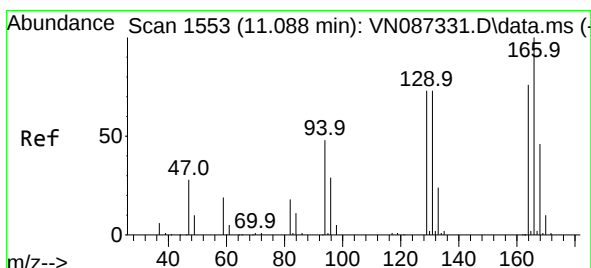
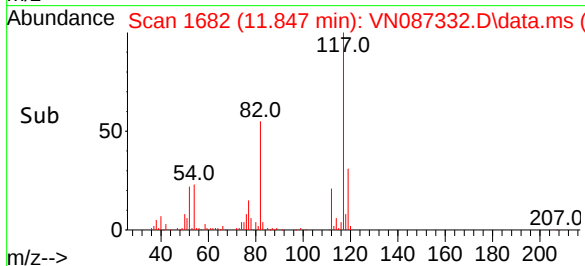
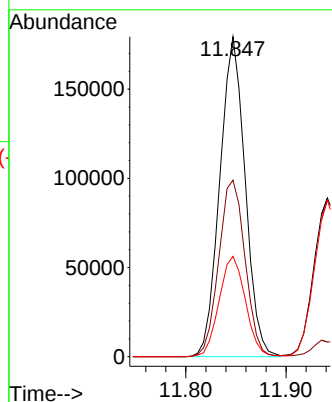
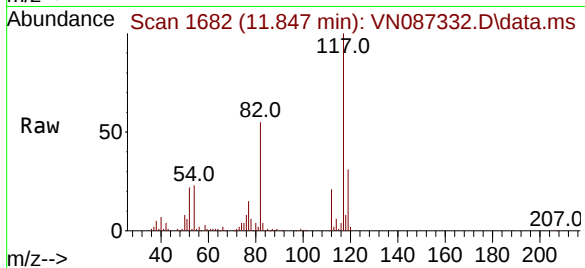
Tgt Ion:117 Resp: 314849

Ion Ratio Lower Upper

117 100

82 55.1 47.4 71.2

119 31.4 23.8 35.8



#64

Tetrachloroethene

Concen: 96.252 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.006 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

Tgt Ion:164 Resp: 195044

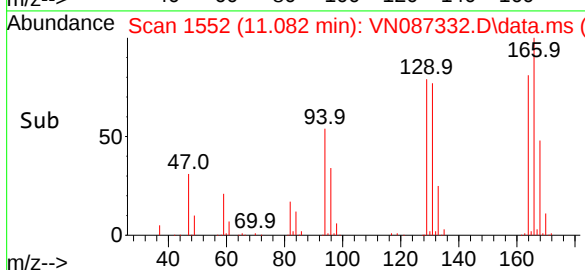
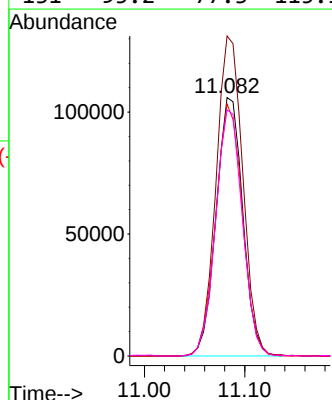
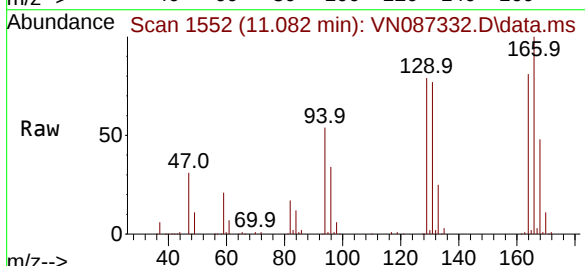
Ion Ratio Lower Upper

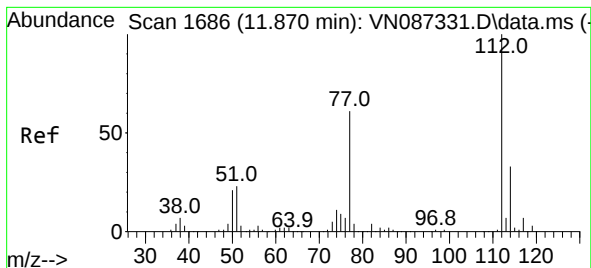
164 100

166 123.8 105.5 158.3

129 97.4 77.4 116.2

131 95.2 77.3 115.9





#65

Chlorobenzene

Concen: 97.289 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

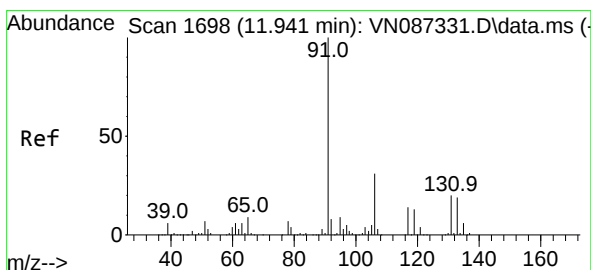
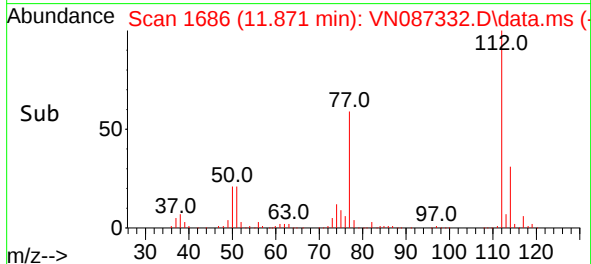
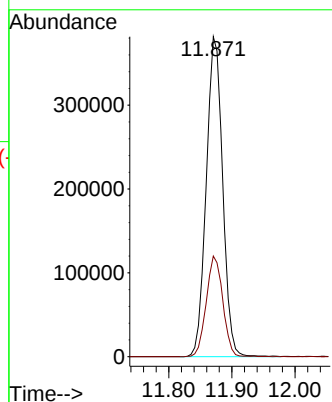
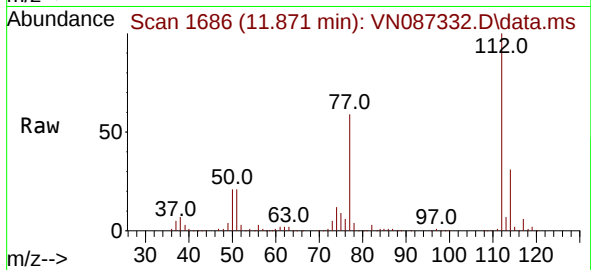
VSTDIC100

Tgt Ion:112 Resp: 687696

Ion Ratio Lower Upper

112 100

114 31.5 26.5 39.7



#66

1,1,1,2-Tetrachloroethane

Concen: 99.736 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

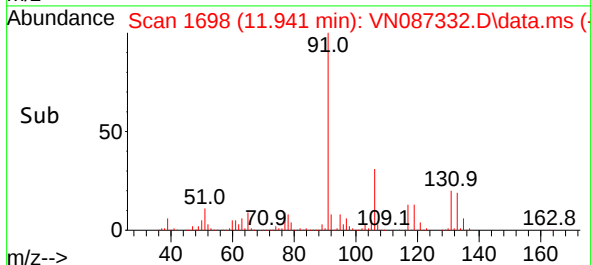
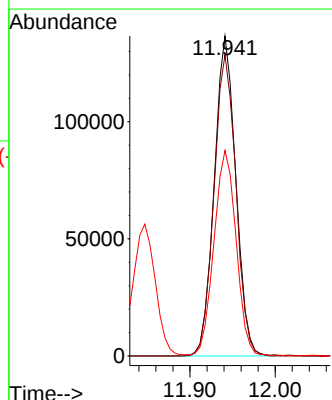
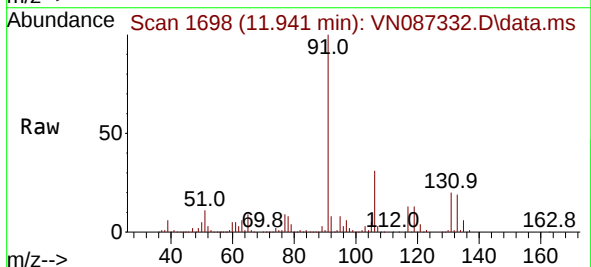
Tgt Ion:131 Resp: 239722

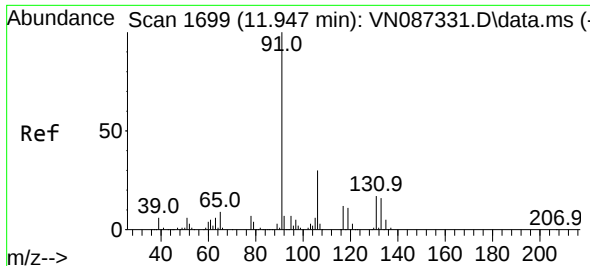
Ion Ratio Lower Upper

131 100

133 95.7 47.4 142.3

119 66.2 33.1 99.2

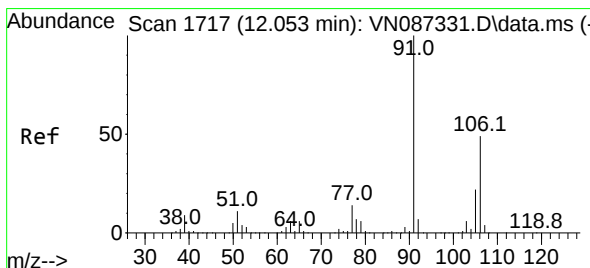
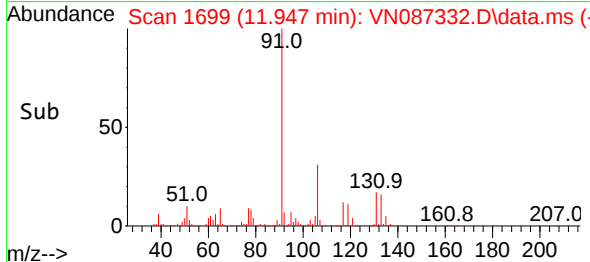
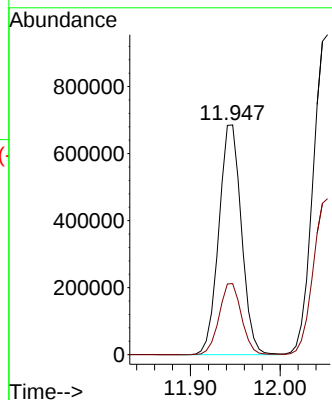
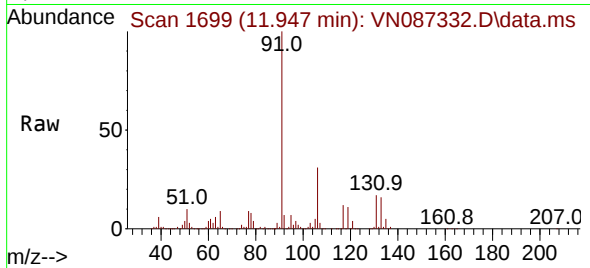




#67
Ethyl Benzene
Concen: 103.080 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

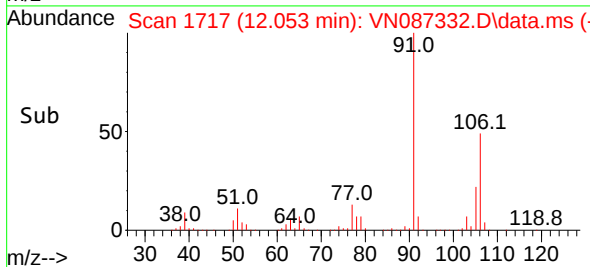
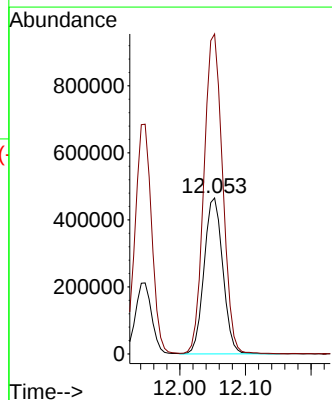
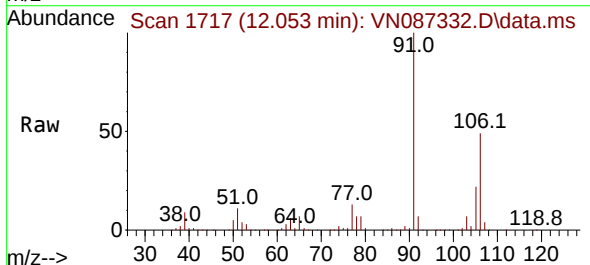
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

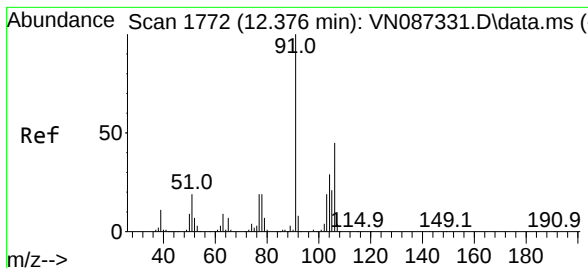
Tgt Ion: 91 Resp: 1199510
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5



#68
m/p-Xylenes
Concen: 212.065 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:106 Resp: 924069
Ion Ratio Lower Upper
106 100
91 204.6 162.0 243.0

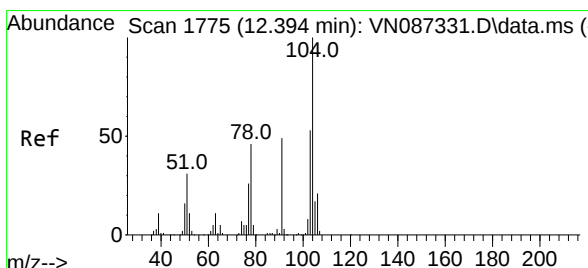
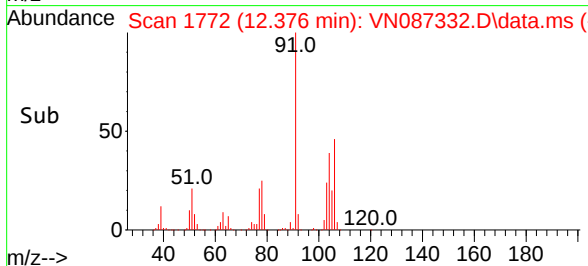
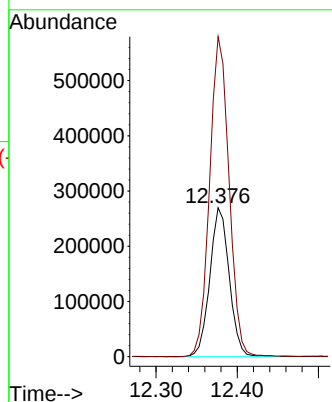
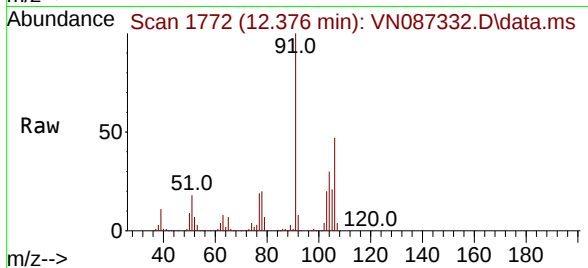




#69
o-Xylene
Concen: 107.413 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

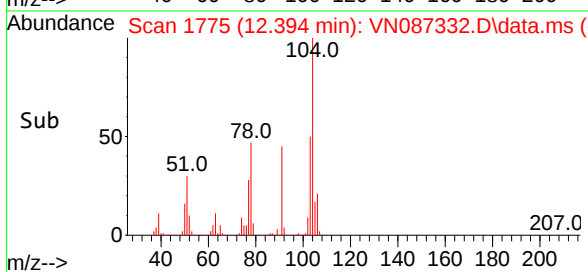
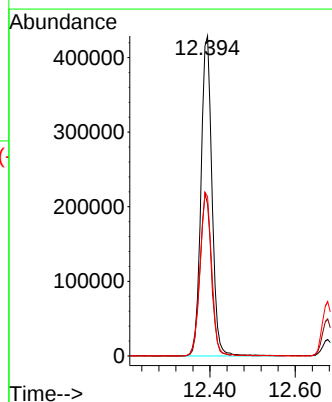
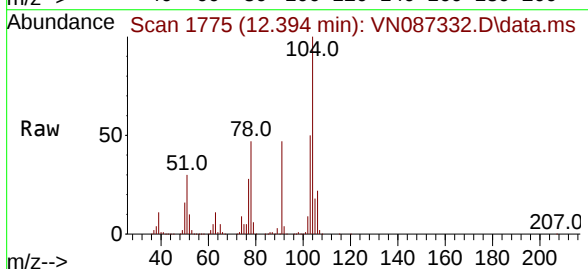
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

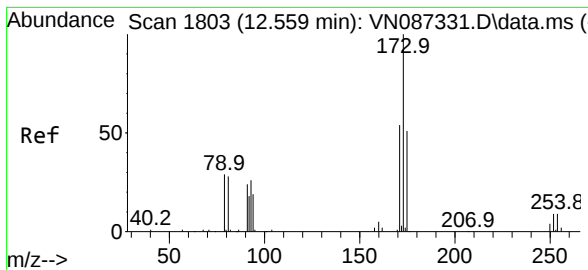
Tgt Ion:106 Resp: 447092
Ion Ratio Lower Upper
106 100
91 216.0 107.7 323.3



#70
Styrene
Concen: 109.464 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:104 Resp: 766471
Ion Ratio Lower Upper
104 100
78 53.0 41.0 61.6
103 54.0 43.9 65.9

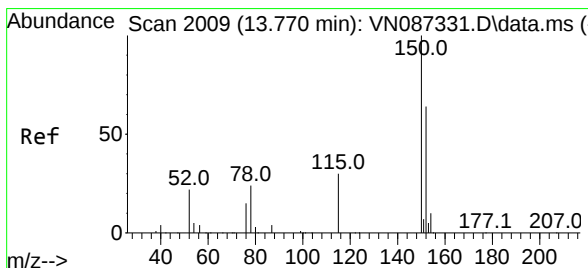
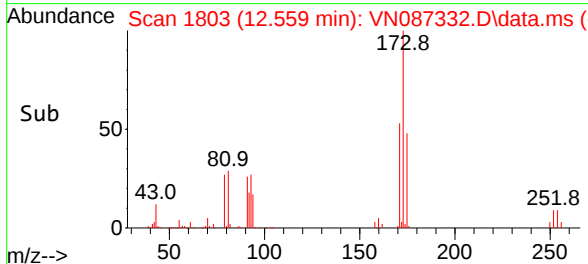
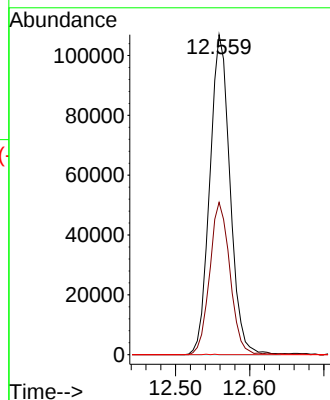
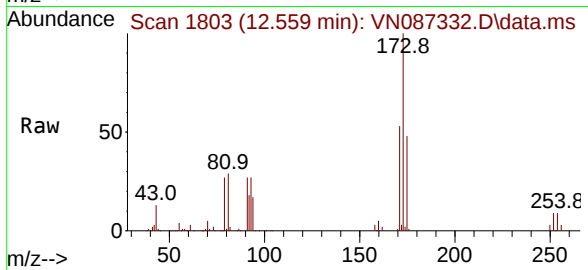




#71
Bromoform
Concen: 104.498 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

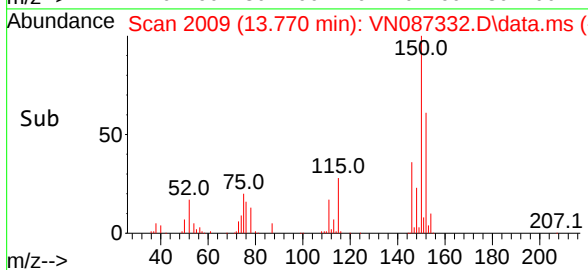
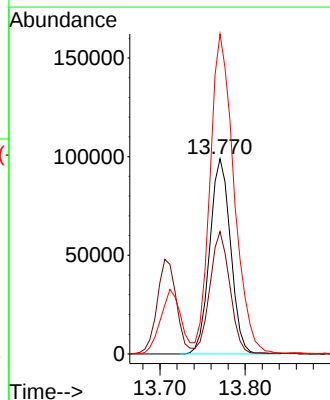
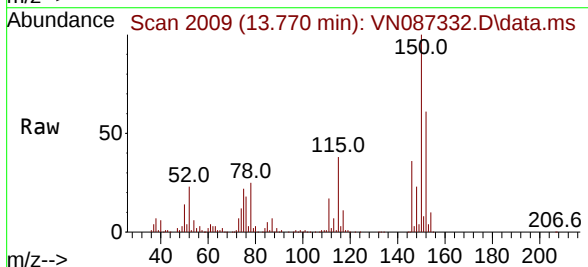
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

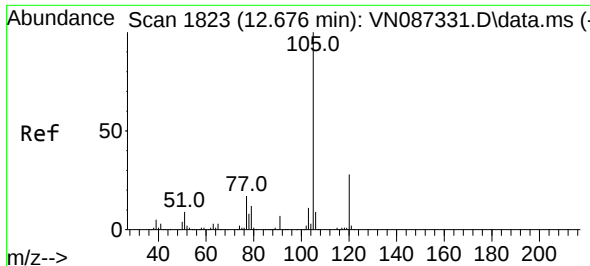
Tgt Ion:173 Resp: 202915
Ion Ratio Lower Upper
173 100
175 47.7 24.1 72.3
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:152 Resp: 168489
Ion Ratio Lower Upper
152 100
115 59.2 31.1 93.5
150 186.3 0.0 349.0

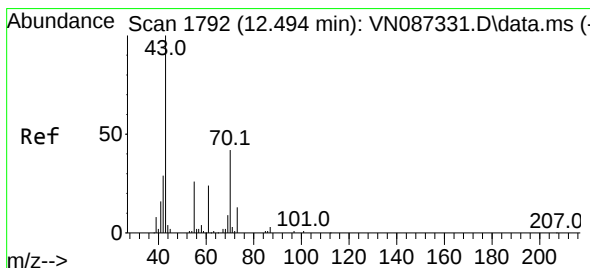
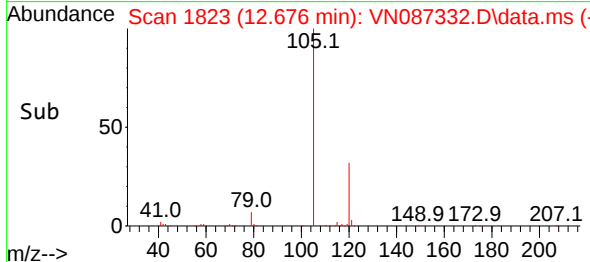
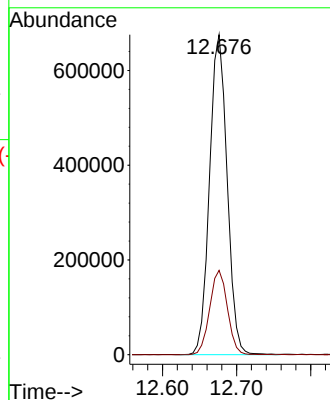
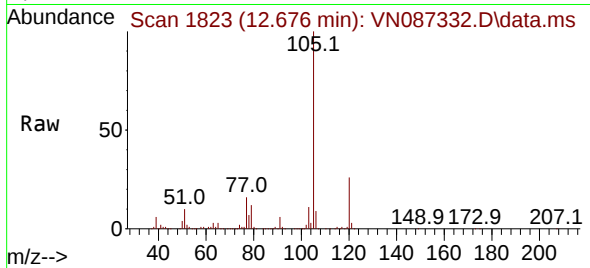




#73
Isopropylbenzene
Concen: 104.940 ug/l
RT: 12.676 min Scan# 1112821
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

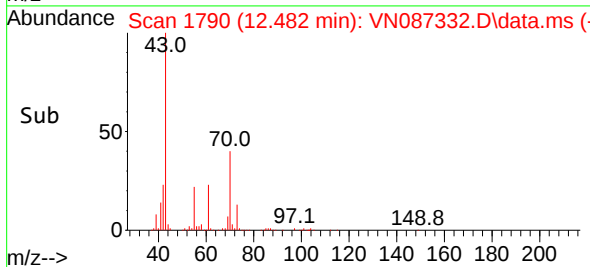
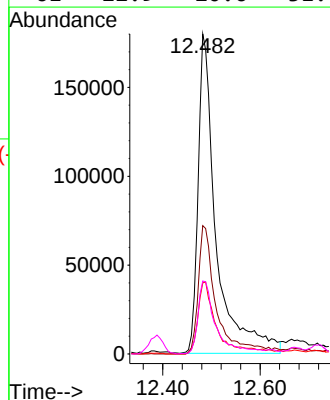
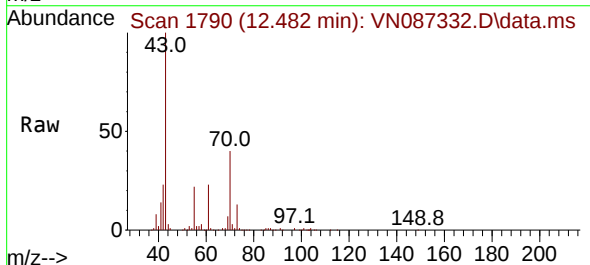
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

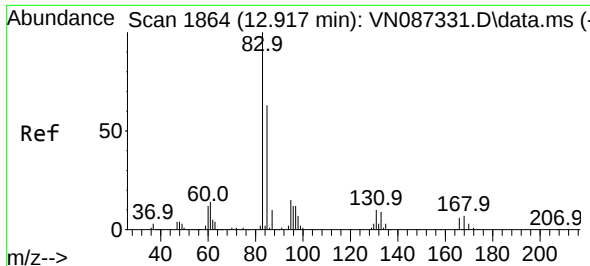
Tgt Ion:105 Resp: 1112821
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1



#74
N-ethyl acetate
Concen: 112.129 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.012 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 43 Resp: 464246
Ion Ratio Lower Upper
43 100
70 41.1 37.6 56.4
55 23.5 19.6 29.4
61 22.9 20.6 31.0

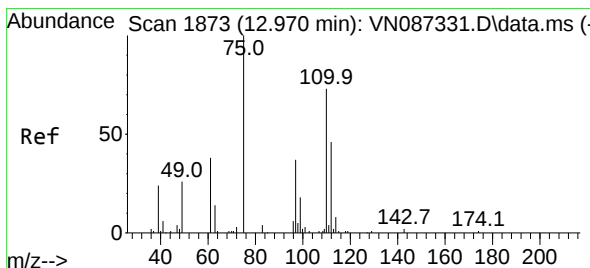
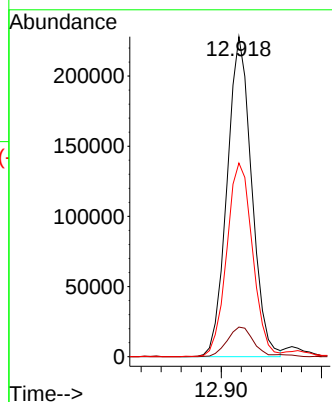
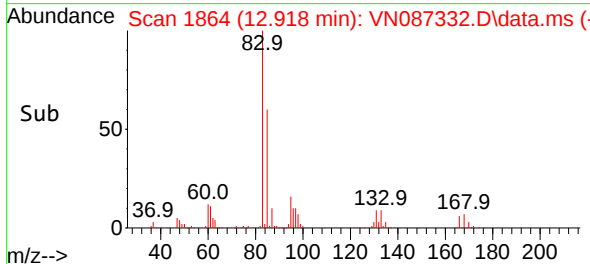
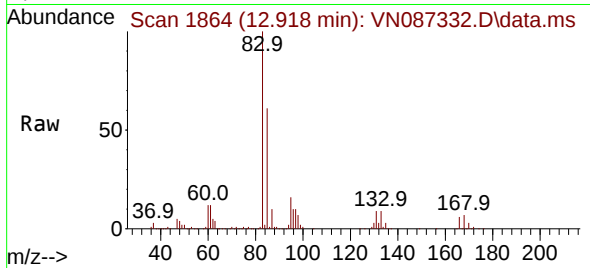




#75
1,1,2,2-Tetrachloroethane
Concen: 97.587 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

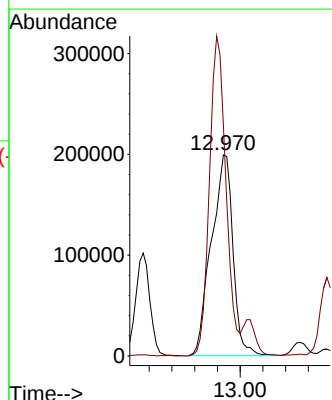
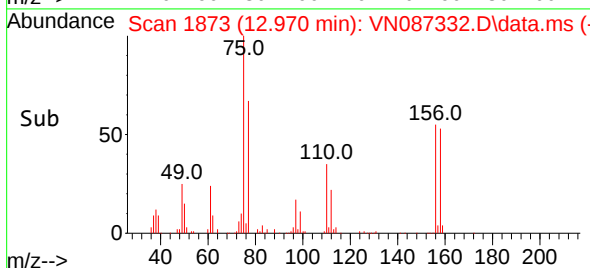
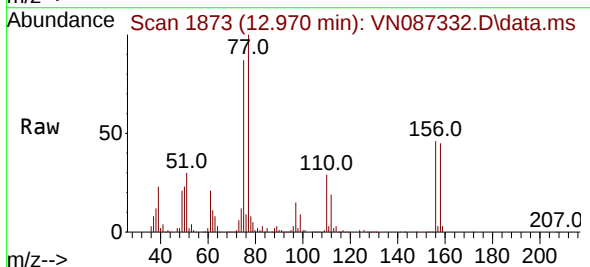
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

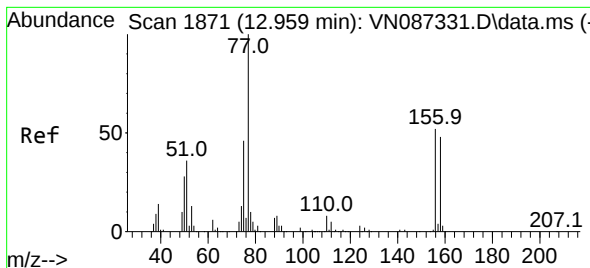
Tgt Ion: 83 Resp: 389392
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 63.5 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 140.726 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 75 Resp: 526041
Ion Ratio Lower Upper
75 100
77 121.9 94.5 283.6





#77

Bromobenzene

Concen: 101.662 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

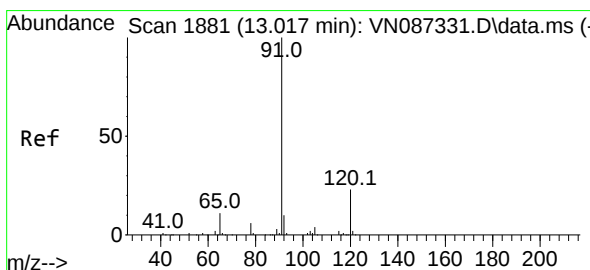
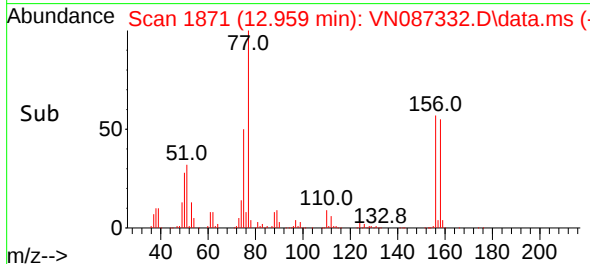
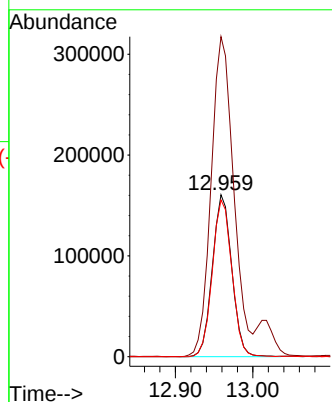
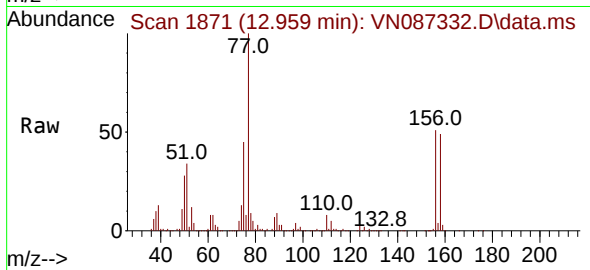
Tgt Ion:156 Resp: 279589

Ion Ratio Lower Upper

156 100

77 229.4 114.9 344.6

158 97.6 48.5 145.5



#78

n-propylbenzene

Concen: 103.771 ug/l

RT: 13.018 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VN087332.D

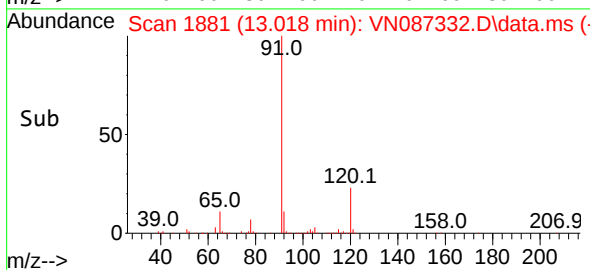
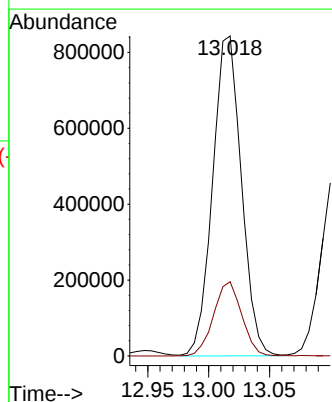
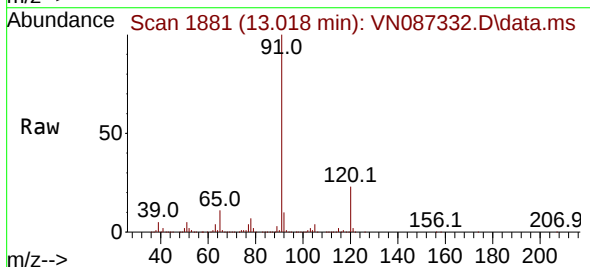
Acq: 16 Jul 2025 18:32

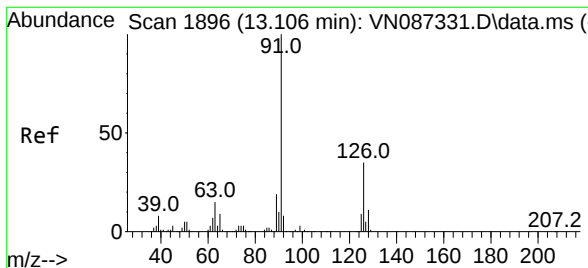
Tgt Ion: 91 Resp: 1384517

Ion Ratio Lower Upper

91 100

120 22.7 11.3 33.8





#79

2-Chlorotoluene

Concen: 102.452 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

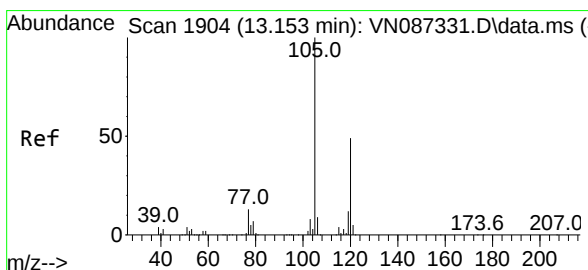
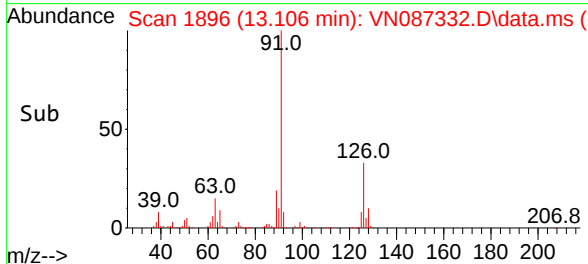
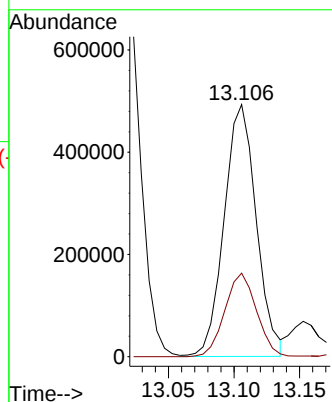
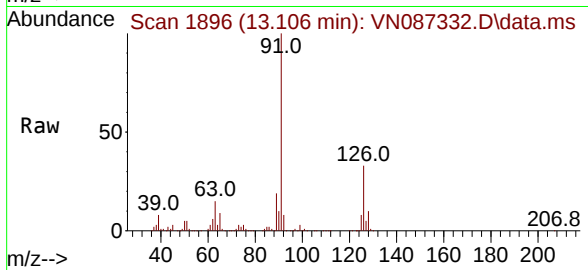
VSTDIC100

Tgt Ion: 91 Resp: 840073

Ion Ratio Lower Upper

91 100

126 32.8 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 104.383 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VN087332.D

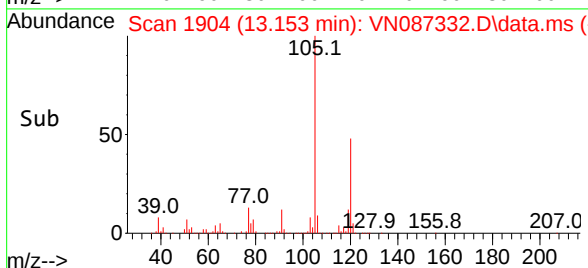
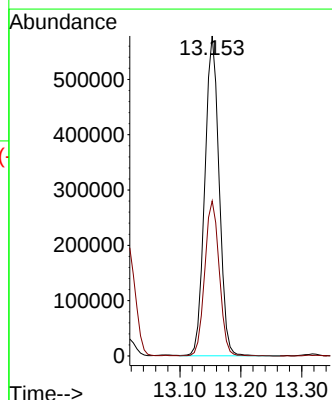
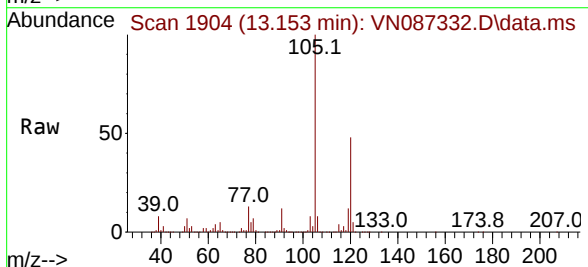
Acq: 16 Jul 2025 18:32

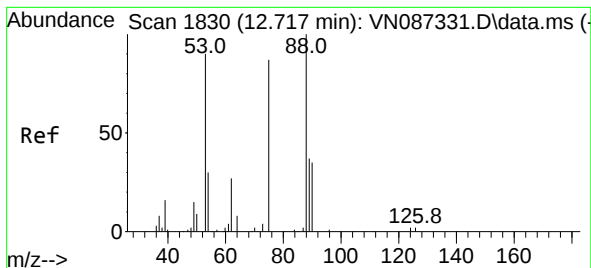
Tgt Ion:105 Resp: 943119

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8

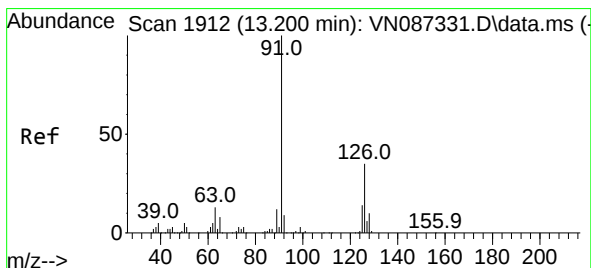
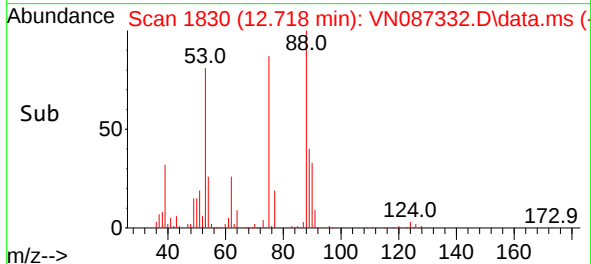
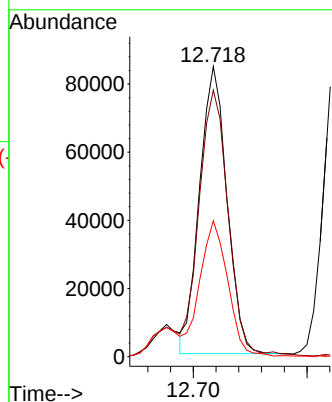
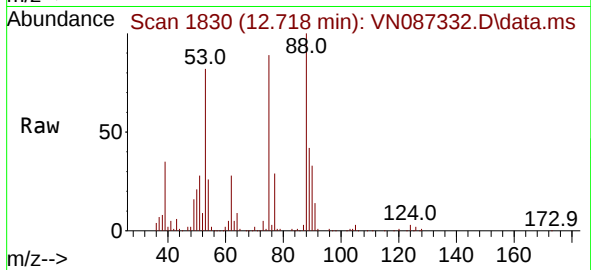




#81
trans-1,4-Dichloro-2-butene
Concen: 101.874 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

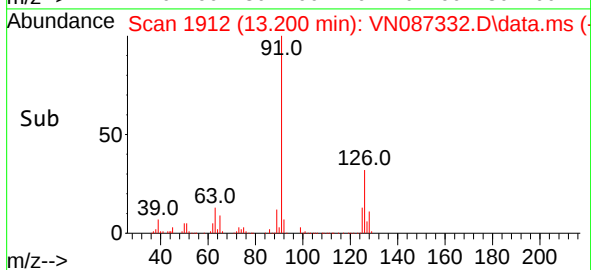
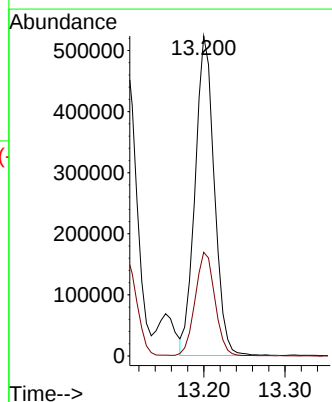
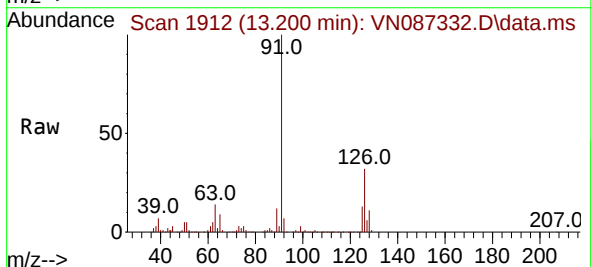
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

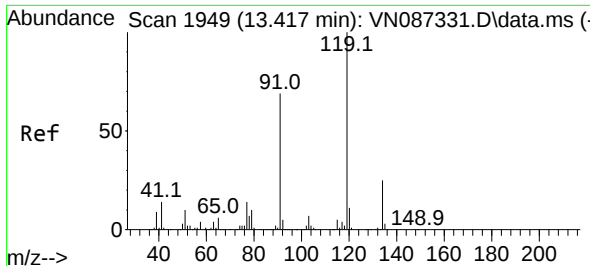
Tgt Ion: 75 Resp: 140673
Ion Ratio Lower Upper
75 100
53 110.2 83.5 125.3
89 49.1 38.4 57.6



#82
4-Chlorotoluene
Concen: 100.734 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion: 91 Resp: 859965
Ion Ratio Lower Upper
91 100
126 33.8 16.6 49.7

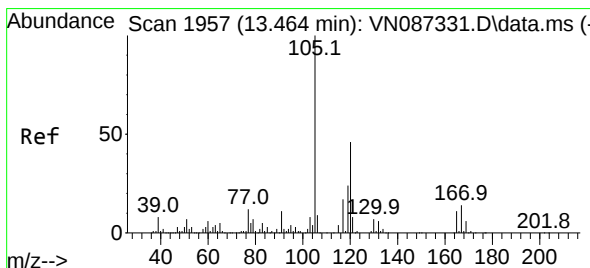
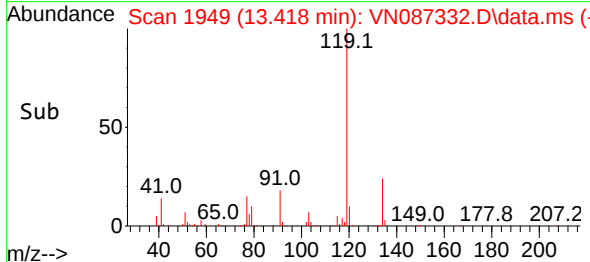
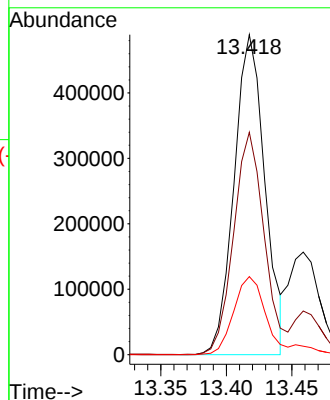
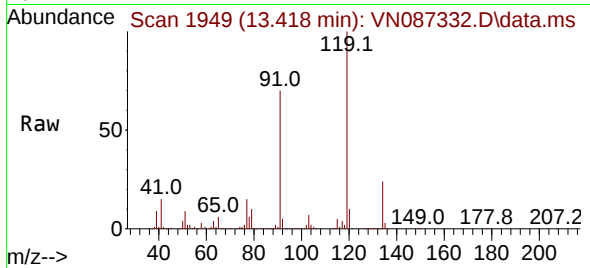




#83
 tert-Butylbenzene
 Concen: 106.106 ug/l
 RT: 13.418 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VN087332.D
 Acq: 16 Jul 2025 18:32

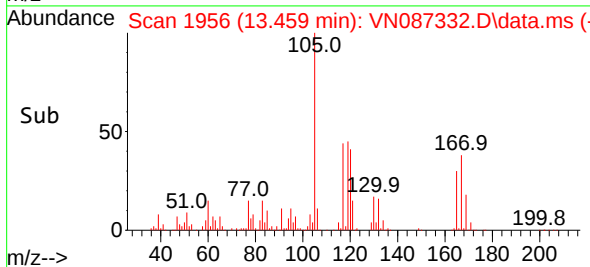
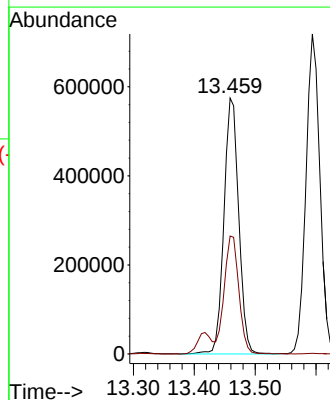
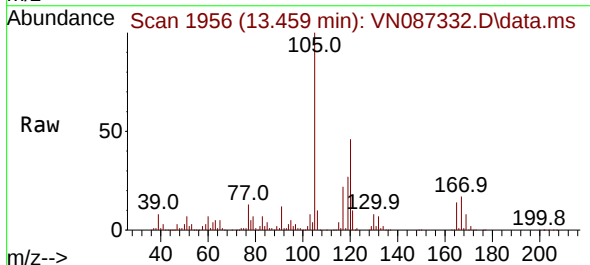
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

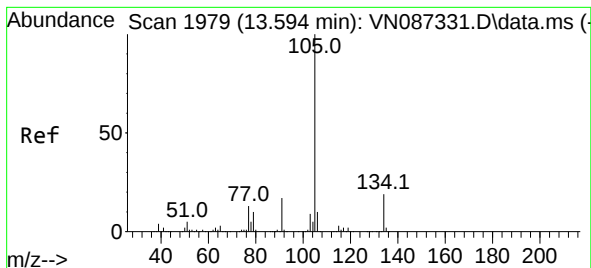
Tgt Ion:119 Resp: 800700
 Ion Ratio Lower Upper
 119 100
 91 69.4 35.0 105.1
 134 24.9 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 104.898 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN087332.D
 Acq: 16 Jul 2025 18:32

Tgt Ion:105 Resp: 967878
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 100.410 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

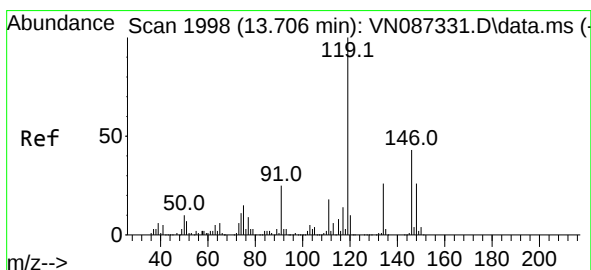
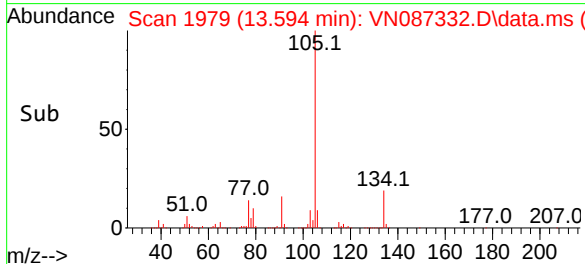
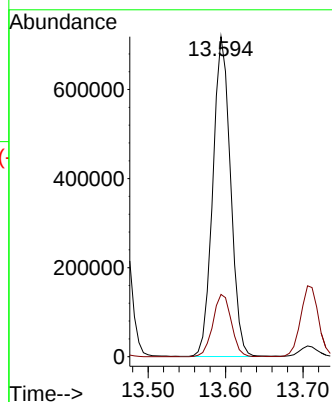
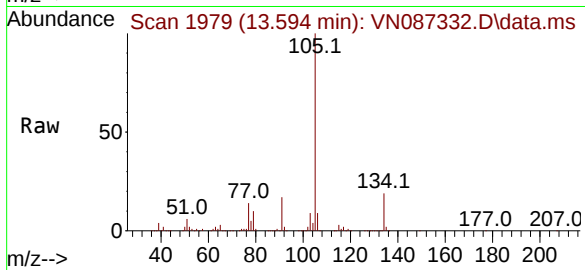
VSTDIC100

Tgt Ion:105 Resp: 1141320

Ion Ratio Lower Upper

105 100

134 20.3 9.8 29.4



#86

p-Isopropyltoluene

Concen: 107.037 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

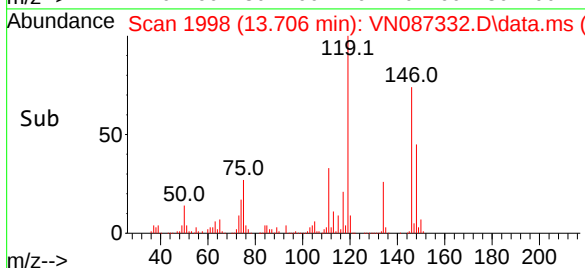
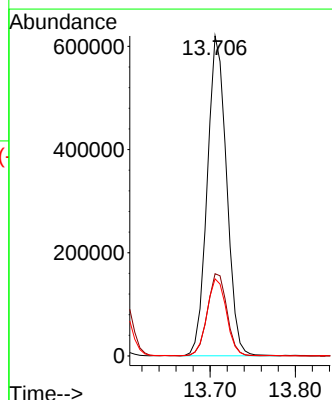
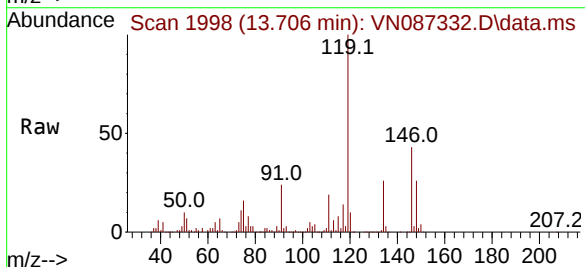
Tgt Ion:119 Resp: 975014

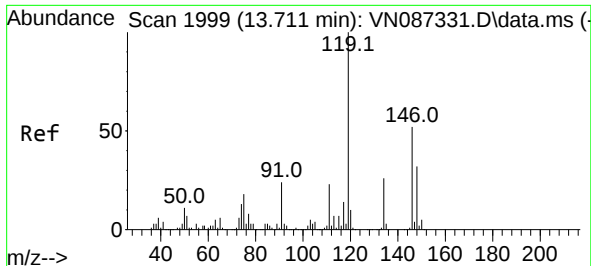
Ion Ratio Lower Upper

119 100

134 26.0 13.5 40.5

91 24.5 12.2 36.6

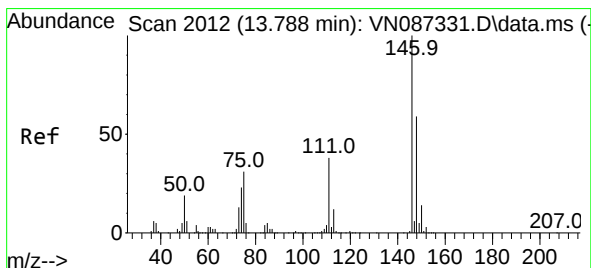
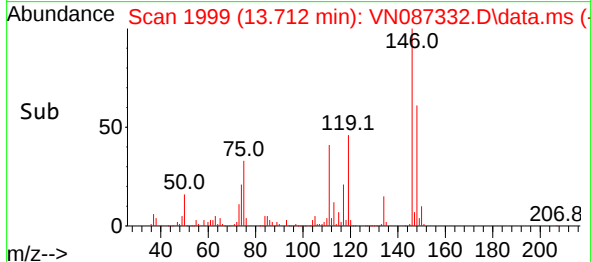
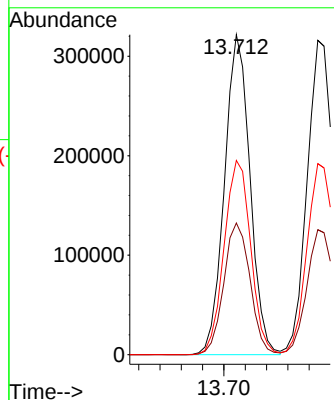
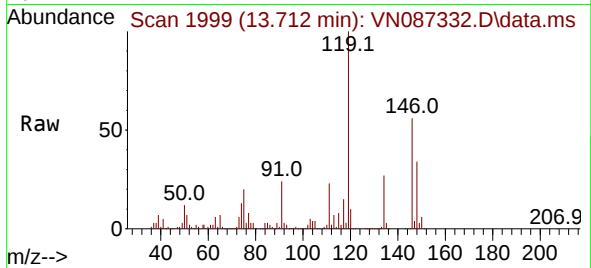




#87
1,3-Dichlorobenzene
Concen: 99.151 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

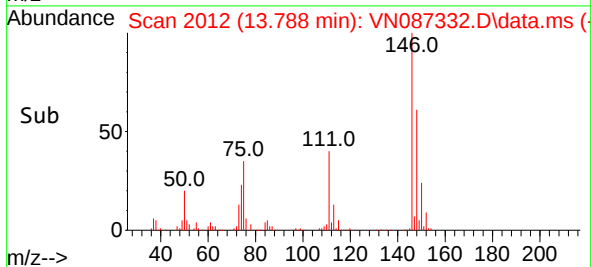
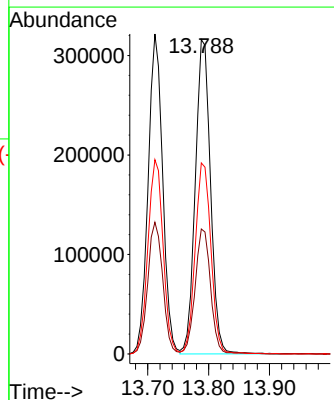
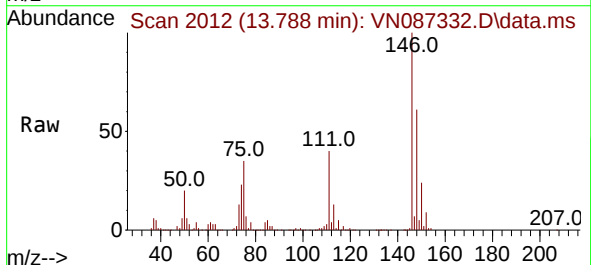
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

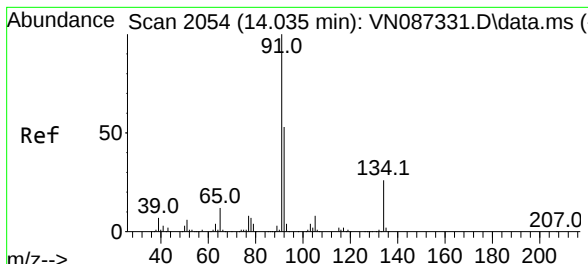
Tgt Ion:146 Resp: 535172
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 63.2 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 95.097 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087332.D
Acq: 16 Jul 2025 18:32

Tgt Ion:146 Resp: 548212
Ion Ratio Lower Upper
146 100
111 40.6 19.6 58.7
148 62.7 31.4 94.0

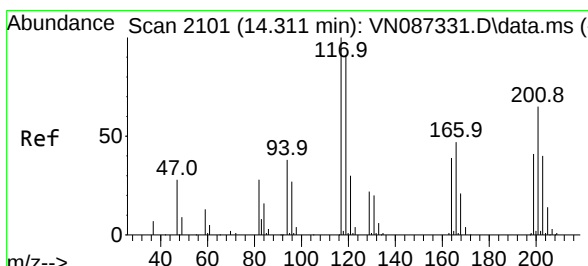
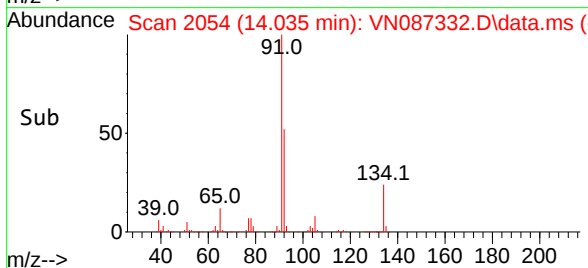
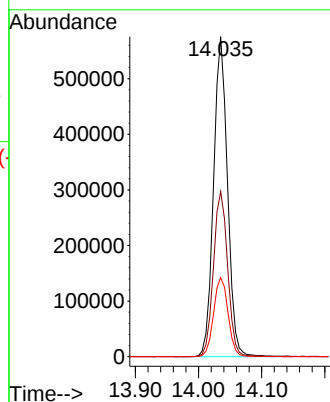
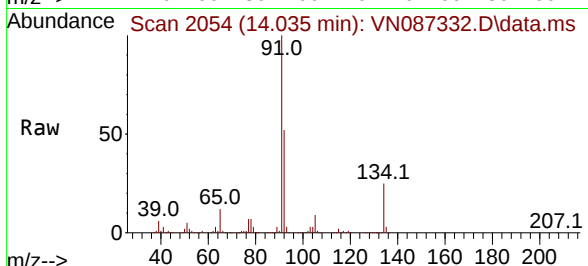




#89
 n-Butylbenzene
 Concen: 101.260 ug/l
 RT: 14.035 min Scan# 2054
 Delta R.T. 0.000 min
 Lab File: VN087332.D
 Acq: 16 Jul 2025 18:32

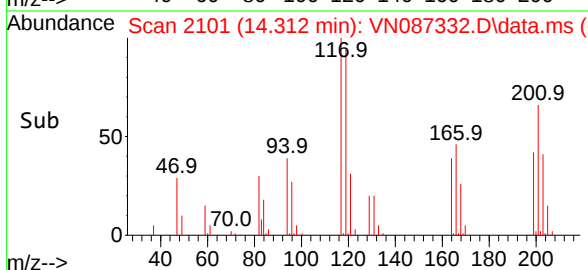
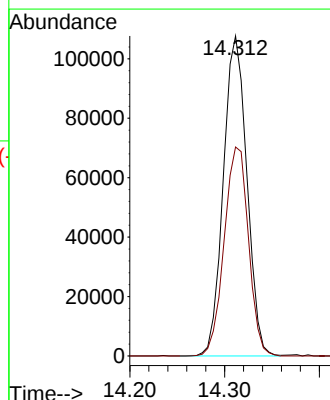
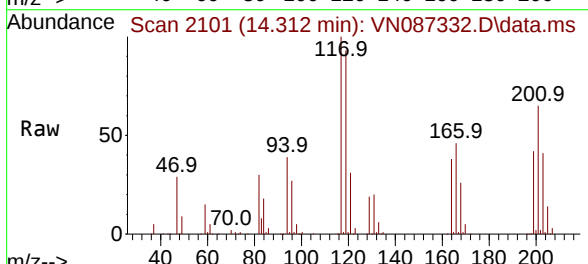
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

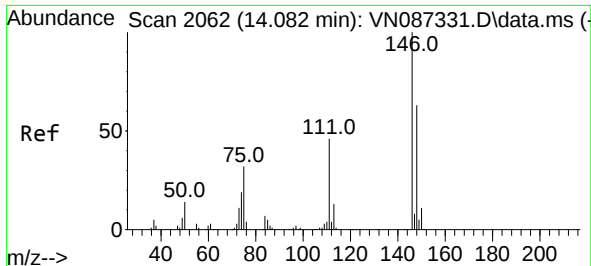
Tgt Ion:	91	Resp:	880763
Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.2	78.6
134	25.7	12.4	37.2



#90
 Hexachloroethane
 Concen: 96.358 ug/l
 RT: 14.312 min Scan# 2101
 Delta R.T. 0.000 min
 Lab File: VN087332.D
 Acq: 16 Jul 2025 18:32

Tgt Ion:	117	Resp:	185973
Ion	Ratio	Lower	Upper
117	100		
201	67.5	32.8	98.4

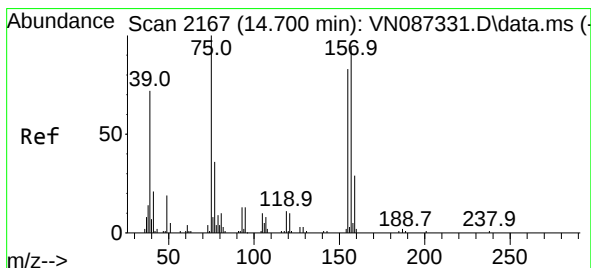
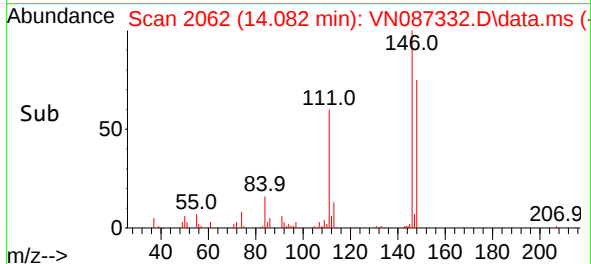
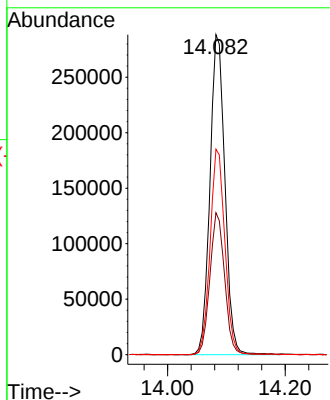
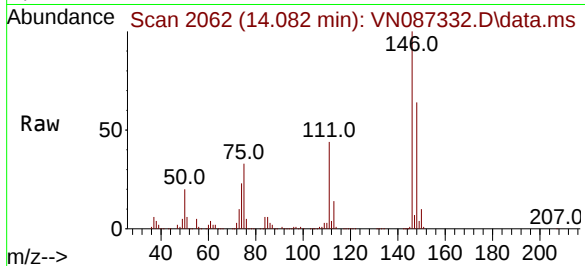




#91
 1,2-Dichlorobenzene
 Concen: 99.523 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. 0.000 min
 Lab File: VN087332.D
 Acq: 16 Jul 2025 18:32

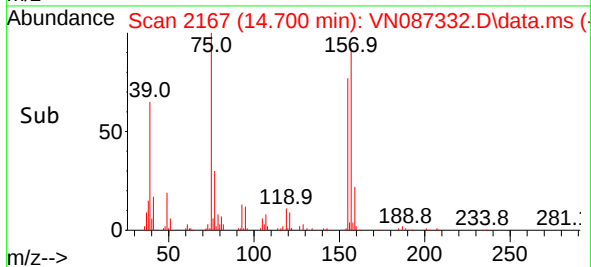
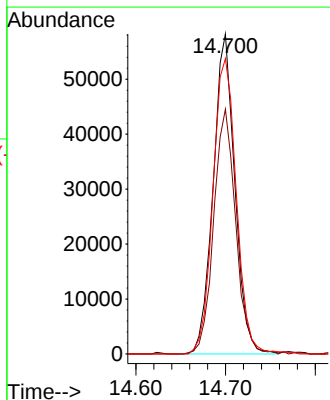
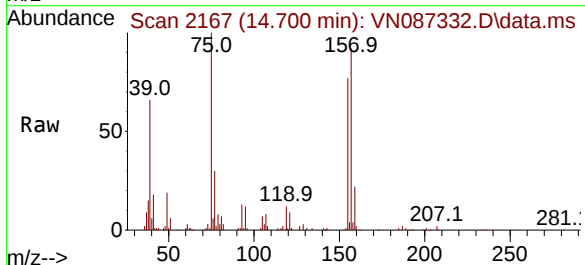
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

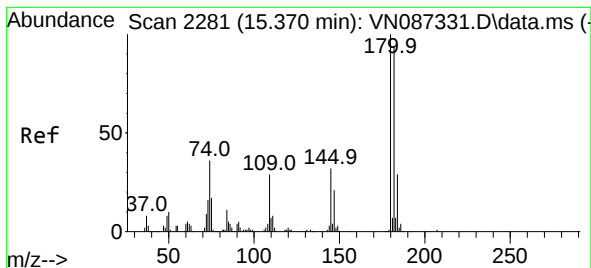
Tgt Ion:146 Resp: 508902
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.0 66.0
 148 63.6 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 93.137 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN087332.D
 Acq: 16 Jul 2025 18:32

Tgt Ion: 75 Resp: 97572
 Ion Ratio Lower Upper
 75 100
 155 78.0 37.3 111.8
 157 99.6 46.2 138.6





#93

1,2,4-Trichlorobenzene

Concen: 103.357 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

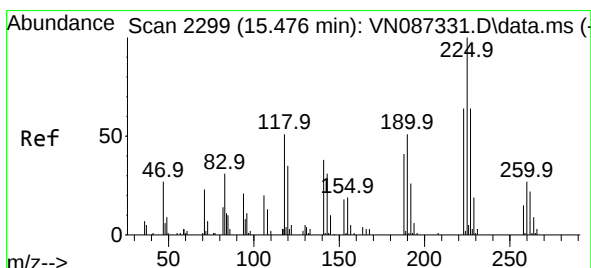
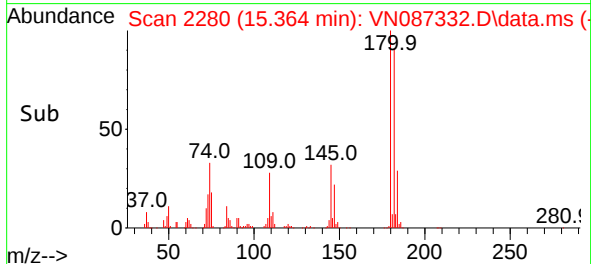
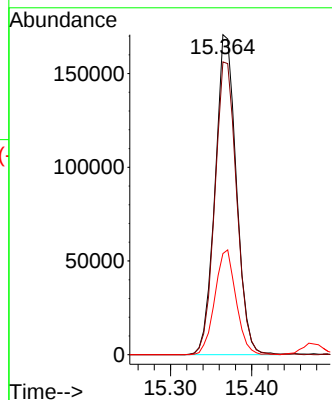
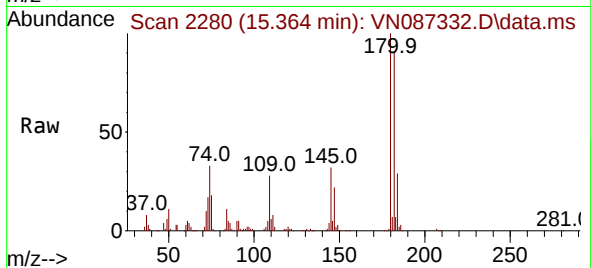
Tgt Ion:180 Resp: 310448

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.8

145 32.7 15.4 46.4



#94

Hexachlorobutadiene

Concen: 95.360 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

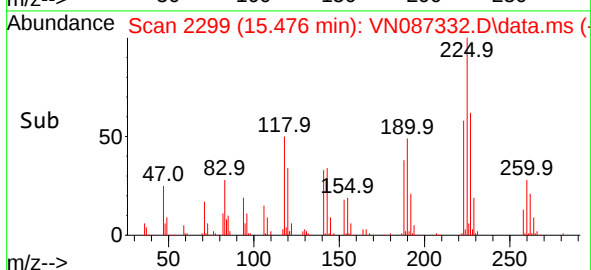
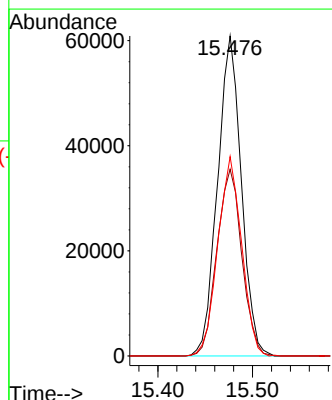
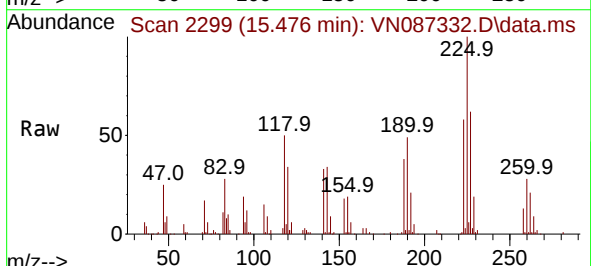
Tgt Ion:225 Resp: 106429

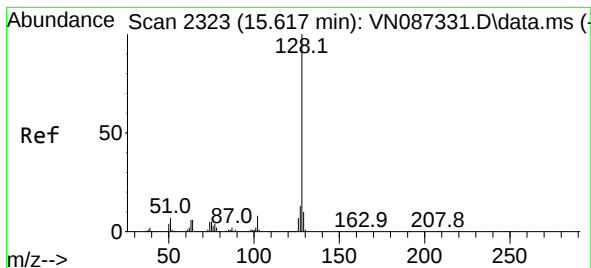
Ion Ratio Lower Upper

225 100

223 61.0 32.1 96.3

227 62.4 31.3 93.9





#95

Naphthalene

Concen: 109.289 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

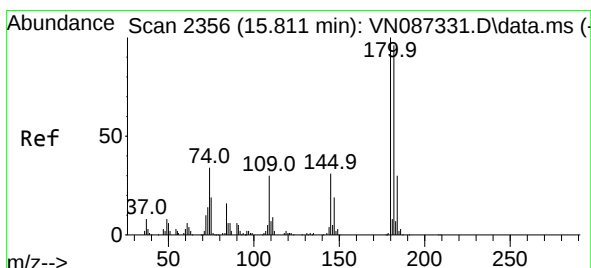
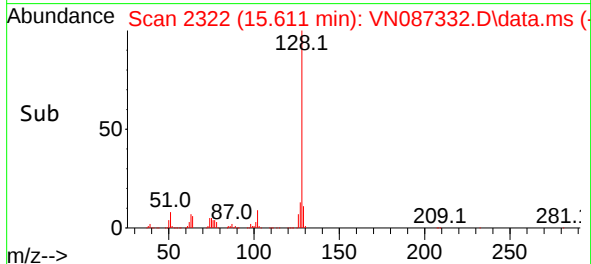
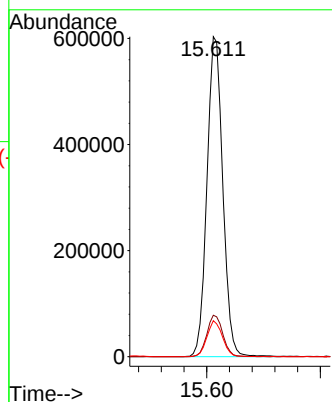
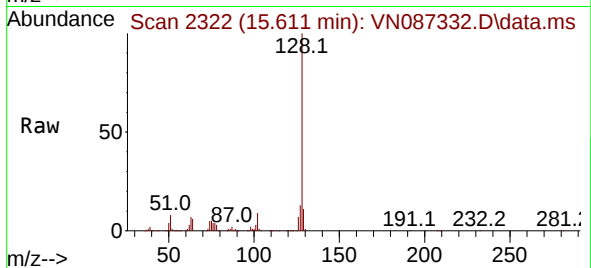
Tgt Ion:128 Resp: 1162930

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 102.519 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087332.D

Acq: 16 Jul 2025 18:32

Tgt Ion:180 Resp: 308888

Ion Ratio Lower Upper

180 100

182 96.2 47.1 141.4

145 34.2 16.9 50.6

