

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063025\
 Data File : VN087242.D
 Acq On : 30 Jun 2025 14:30
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 01 02:54:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 02:39:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	140023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	224947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	178130	101.362	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 202.720%#	
35) Dibromofluoromethane	8.177	113	150169	104.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 208.520%#	
50) Toluene-d8	10.565	98	613147	109.213	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 218.420%#	
62) 4-Bromofluorobenzene	12.847	95	220554	110.411	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 220.820%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	142337	104.455	ug/l	100
3) Chloromethane	2.395	50	112454	101.630	ug/l	97
4) Vinyl Chloride	2.553	62	139421	102.488	ug/l	99
5) Bromomethane	2.971	94	122914	99.014	ug/l	96
6) Chloroethane	3.147	64	107326	99.603	ug/l	97
7) Trichlorofluoromethane	3.524	101	229731	97.321	ug/l	97
8) Diethyl Ether	3.983	74	78710	104.484	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.400	101	136104	99.309	ug/l	99
10) Methyl Iodide	4.612	142	155087	114.042	ug/l	98
11) Tert butyl alcohol	5.547	59	156477	488.564	ug/l	100
12) 1,1-Dichloroethene	4.365	96	130582	100.293	ug/l	98
13) Acrolein	4.200	56	116332	524.420	ug/l	98
14) Allyl chloride	5.047	41	164053	102.811	ug/l	99
15) Acrylonitrile	5.736	53	401033	504.012	ug/l	99
16) Acetone	4.441	43	318207	473.614	ug/l	97
17) Carbon Disulfide	4.736	76	369523	94.595	ug/l	98
18) Methyl Acetate	5.041	43	152371	99.065	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	469578	102.906	ug/l	98
20) Methylene Chloride	5.294	84	142327	95.627	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	154052	97.917	ug/l	97
22) Diisopropyl ether	6.683	45	410415	107.425	ug/l	99
23) Vinyl Acetate	6.618	43	1941122	549.382	ug/l	98
24) 1,1-Dichloroethane	6.583	63	250943	100.251	ug/l	99
25) 2-Butanone	7.494	43	545457	519.499	ug/l	100
26) 2,2-Dichloropropane	7.500	77	240475	100.396	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	183793	101.157	ug/l	99
28) Bromochloromethane	7.824	49	113265	102.515	ug/l	98
29) Tetrahydrofuran	7.847	42	368677	544.902	ug/l	99
30) Chloroform	7.971	83	278788	100.483	ug/l	95
31) Cyclohexane	8.265	56	226194	94.510	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	251529	97.346	ug/l	98
36) 1,1-Dichloropropene	8.377	75	206454	105.403	ug/l	100
37) Ethyl Acetate	7.571	43	220517	104.729	ug/l	99
38) Carbon Tetrachloride	8.371	117	230551	103.877	ug/l	97
39) Methylcyclohexane	9.606	83	252386	108.199	ug/l	97
40) Benzene	8.612	78	621487	102.416	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	109937	109.199	ug/l	99
42) 1,2-Dichloroethane	8.677	62	211540	104.824	ug/l	100
43) Isopropyl Acetate	8.694	43	356245	109.097	ug/l	99
44) Trichloroethene	9.359	130	163911	101.654	ug/l	97
45) 1,2-Dichloropropane	9.624	63	140013	105.824	ug/l	95
46) Dibromomethane	9.712	93	114930	102.109	ug/l	99
47) Bromodichloromethane	9.888	83	218457	101.765	ug/l	98
48) Methyl methacrylate	9.682	41	154943	112.584	ug/l	99
49) 1,4-Dioxane	9.700	88	55855	1932.760	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	1161117	581.166	ug/l	98
52) Toluene	10.629	92	430256	108.111	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	255930	111.155	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	254432	108.459	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	157393	104.693	ug/l	99
56) Ethyl methacrylate	10.876	69	252974	114.851	ug/l	97
57) 1,3-Dichloropropane	11.165	76	257910	105.111	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	651832	559.949	ug/l	98
59) 2-Hexanone	11.200	43	822906	586.928	ug/l	96
60) Dibromochloromethane	11.359	129	191065	107.811	ug/l	99
61) 1,2-Dibromoethane	11.470	107	175515	108.533	ug/l	99
64) Tetrachloroethene	11.106	164	146461	102.448	ug/l	97
65) Chlorobenzene	11.888	112	485134	100.836	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	168975	101.715	ug/l	99
67) Ethyl Benzene	11.965	91	844081	108.422	ug/l	98
68) m/p-Xylenes	12.070	106	675274	217.101	ug/l	99
69) o-Xylene	12.394	106	322141	110.716	ug/l	99
70) Styrene	12.412	104	562835	113.823	ug/l	99
71) Bromoform	12.576	173	139662	108.970	ug/l #	99
73) Isopropylbenzene	12.694	105	824817	108.899	ug/l	99
74) N-amyl acetate	12.506	43	261839	102.193	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	252353	101.292	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	348094	154.407	ug/l	68
77) Bromobenzene	12.976	156	206307	104.345	ug/l	96
78) n-propylbenzene	13.035	91	990721	108.287	ug/l	99
79) 2-Chlorotoluene	13.123	91	570319	104.743	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	688975	108.826	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	101531	106.663	ug/l	96
82) 4-Chlorotoluene	13.217	91	608108	106.689	ug/l	98
83) tert-Butylbenzene	13.435	119	587629	105.942	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	702592	110.786	ug/l	99
85) sec-Butylbenzene	13.611	105	854334	108.662	ug/l	99
86) p-Isopropyltoluene	13.723	119	736941	109.045	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	403426	102.457	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	394932	96.060	ug/l	99
89) n-Butylbenzene	14.053	91	635021	106.723	ug/l	99
90) Hexachloroethane	14.329	117	127720	102.100	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	369767	100.413	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	60505	101.059	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	220115	101.080	ug/l	99
94) Hexachlorobutadiene	15.494	225	61751	89.269	ug/l	98
95) Naphthalene	15.635	128	821381	109.024	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	215640	101.643	ug/l	99

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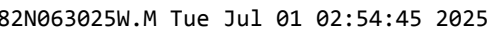
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MSVOA_N
ClientSampleId :
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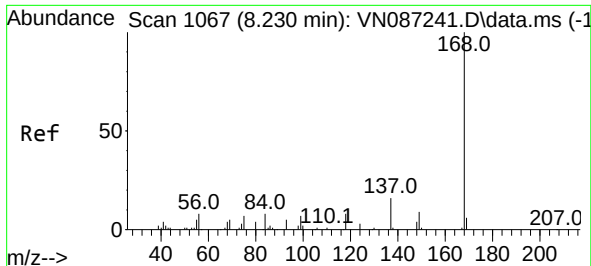
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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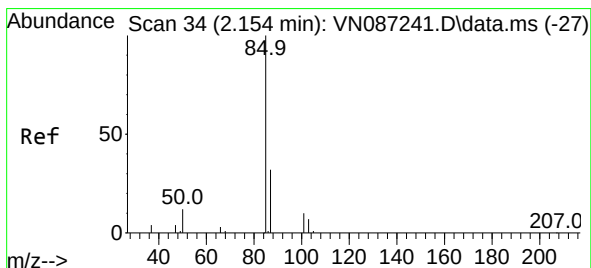
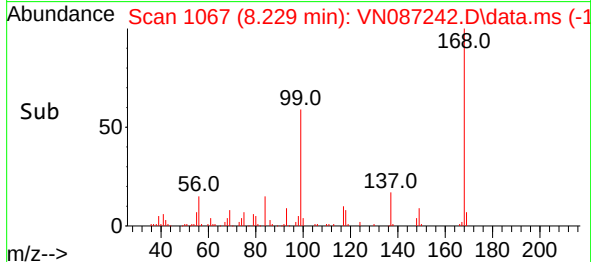
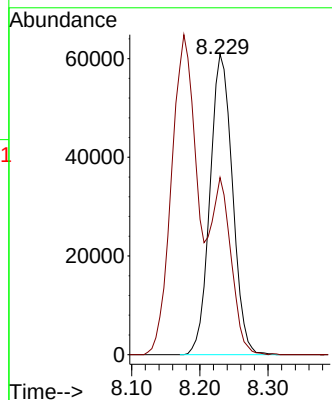
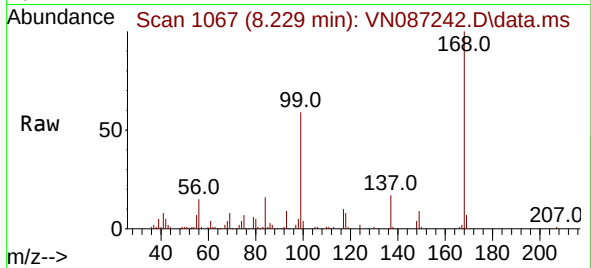




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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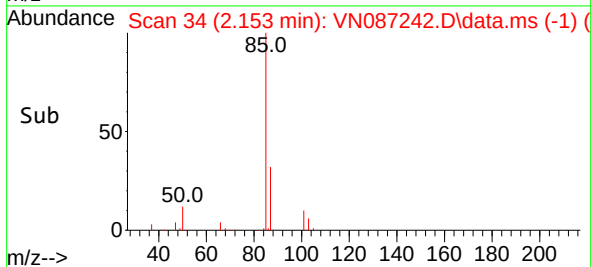
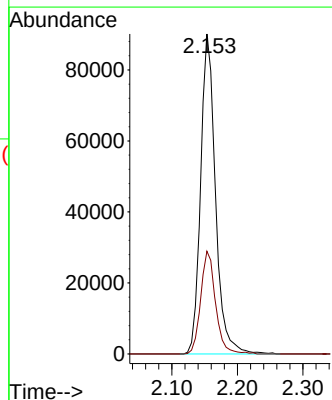
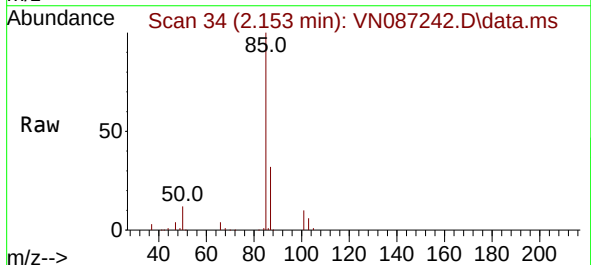
Instrument :
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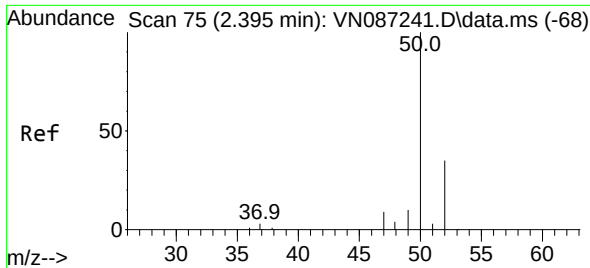
Tgt Ion:168 Resp: 140023
Ion Ratio Lower Upper
168 100
99 59.0 42.6 64.0



#2
Dichlorodifluoromethane
Concen: 104.455 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 85 Resp: 142337
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.3

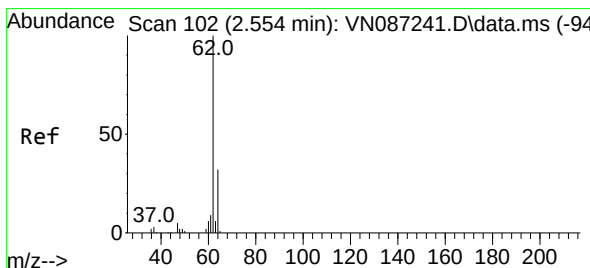
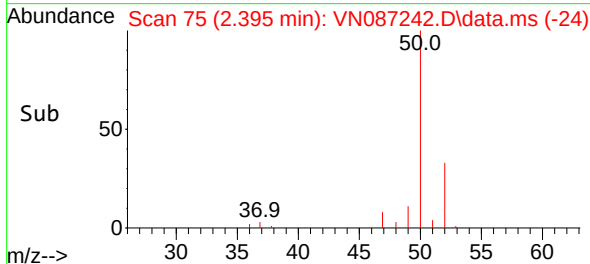
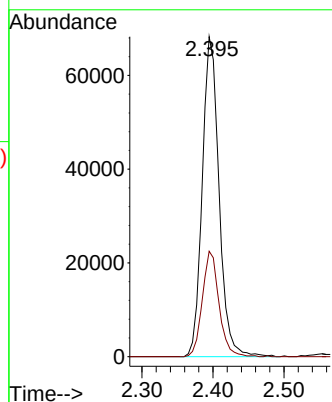
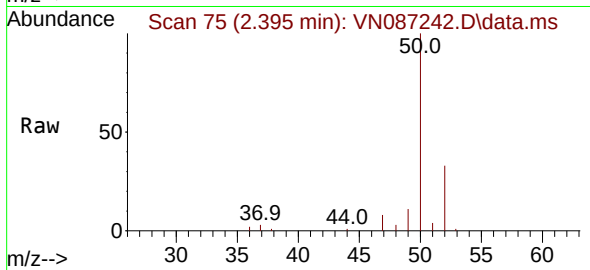




#3
Chloromethane
Concen: 101.630 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087242.D
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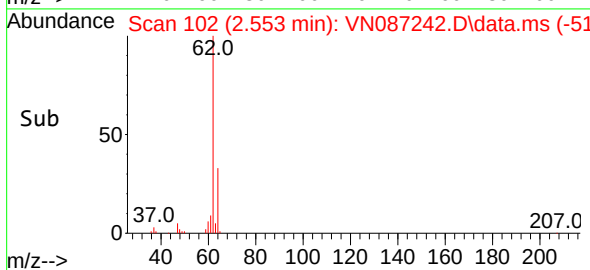
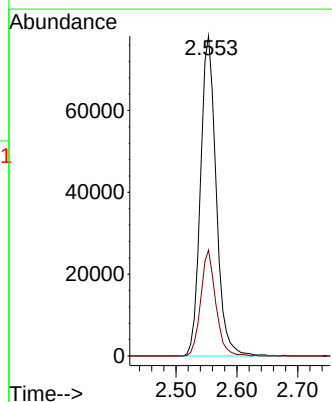
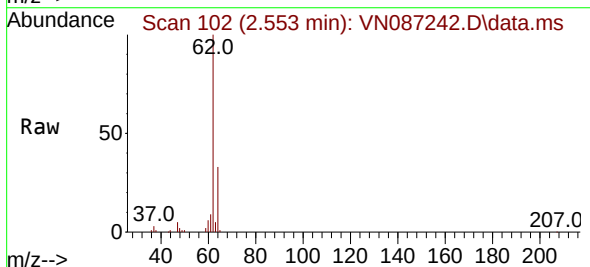
Instrument :
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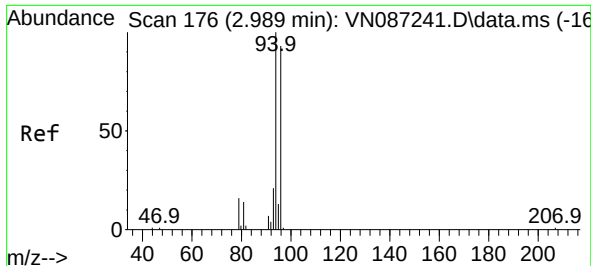
Tgt Ion: 50 Resp: 112454
Ion Ratio Lower Upper
50 100
52 33.0 27.8 41.8



#4
Vinyl Chloride
Concen: 102.488 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 62 Resp: 139421
Ion Ratio Lower Upper
62 100
64 33.1 26.0 39.0

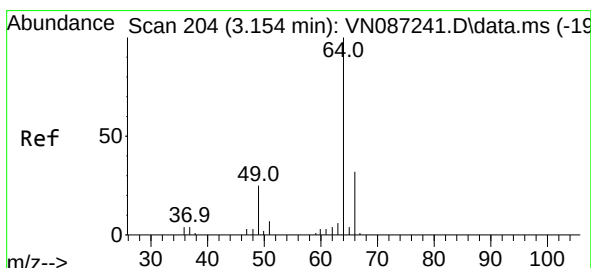
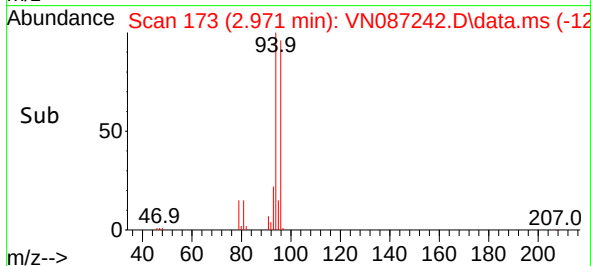
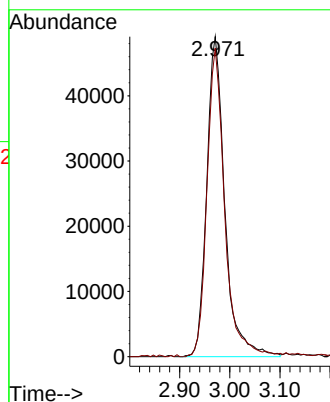
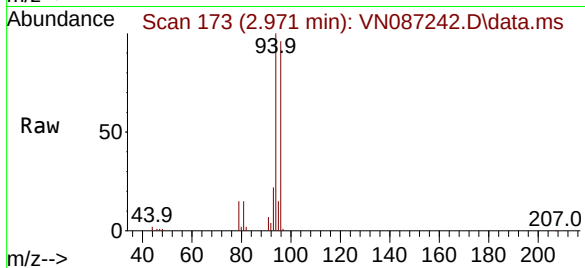




#5
Bromomethane
Concen: 99.014 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

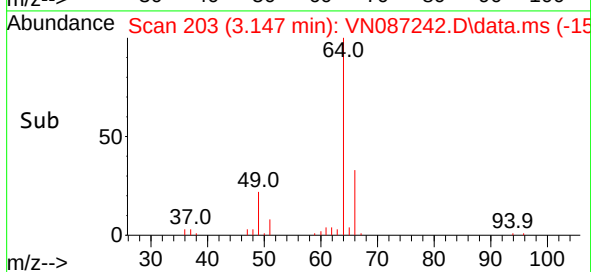
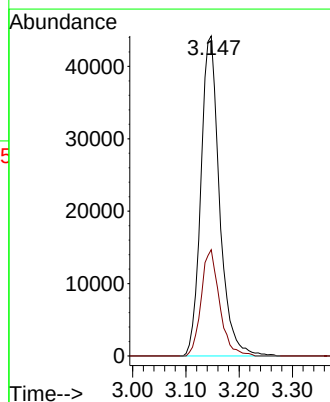
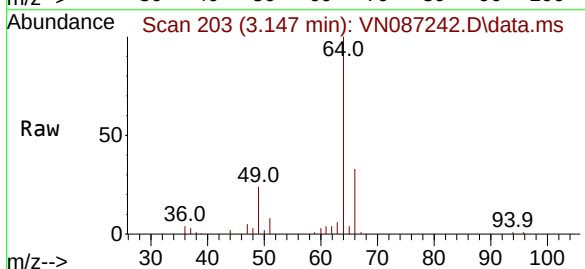
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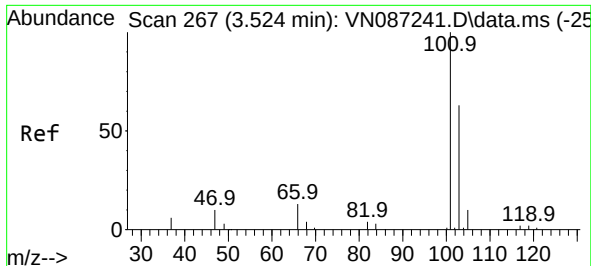
Tgt Ion: 94 Resp: 122914
Ion Ratio Lower Upper
94 100
96 96.4 74.3 111.5



#6
Chloroethane
Concen: 99.603 ug/l
RT: 3.147 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 64 Resp: 107326
Ion Ratio Lower Upper
64 100
66 33.2 25.3 37.9

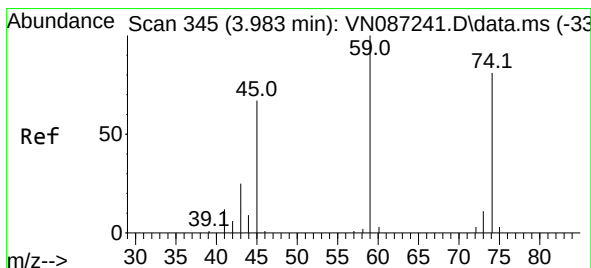
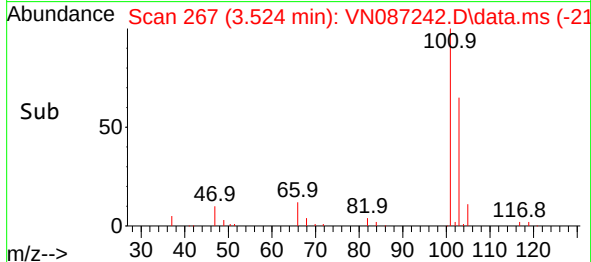
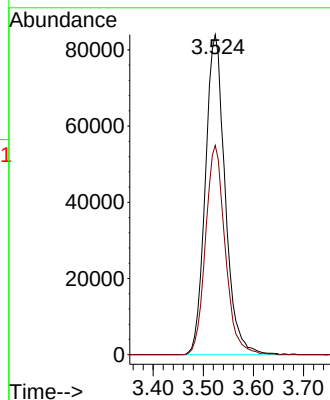
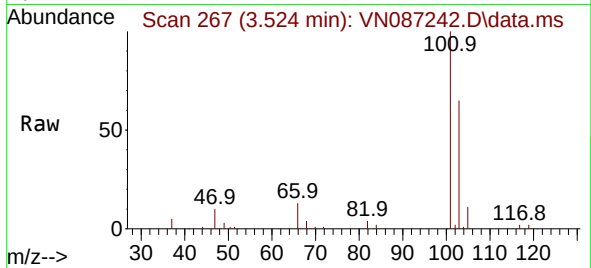




#7
 Trichlorofluoromethane
 Concen: 97.321 ug/l
 RT: 3.524 min Scan# 267
 Delta R.T. -0.000 min
 Lab File: VN087242.D
 Acq: 30 Jun 2025 14:30

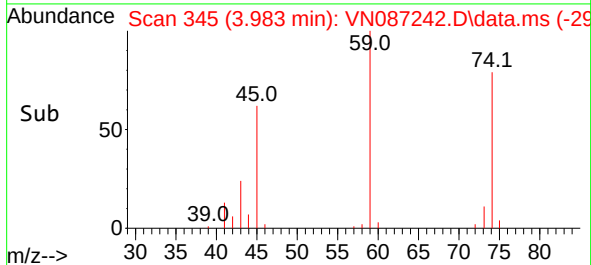
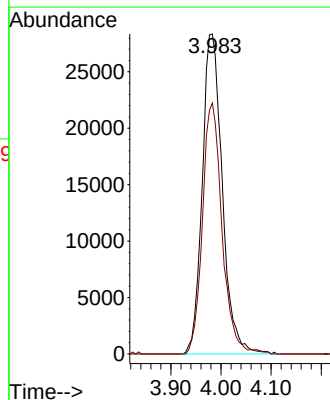
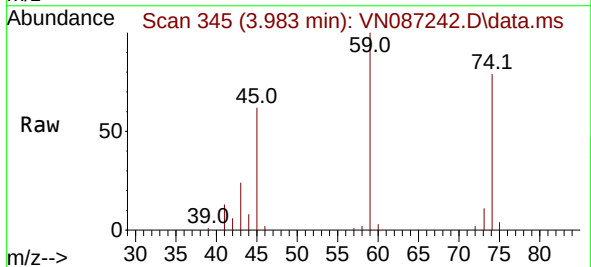
Instrument :
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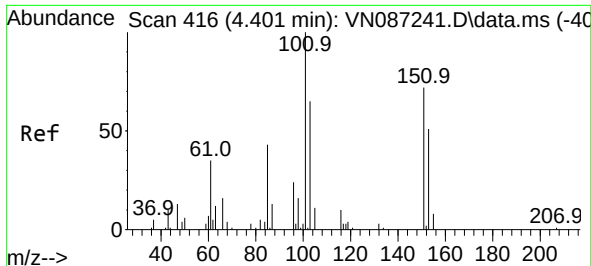
Tgt Ion:101 Resp: 229731
 Ion Ratio Lower Upper
 101 100
 103 65.4 50.5 75.7



#8
 Diethyl Ether
 Concen: 104.484 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 78710
 Ion Ratio Lower Upper
 74 100
 45 76.5 39.4 118.1

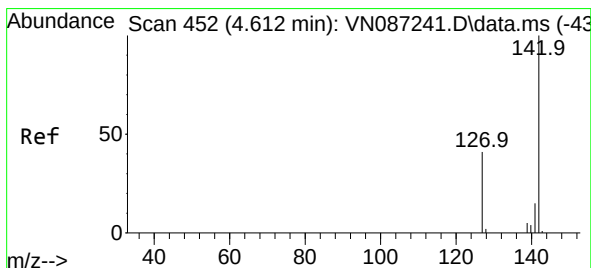
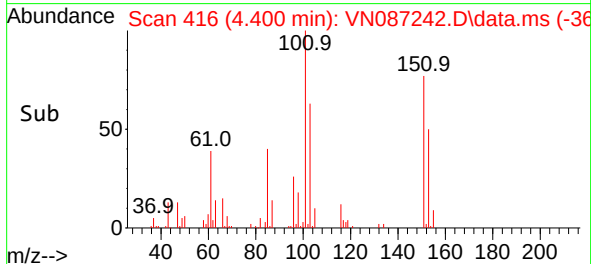
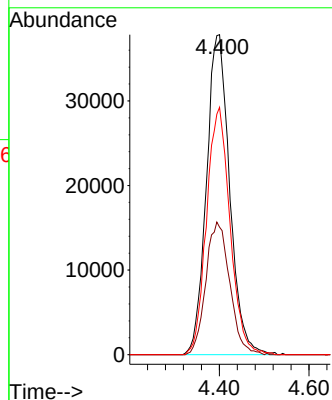
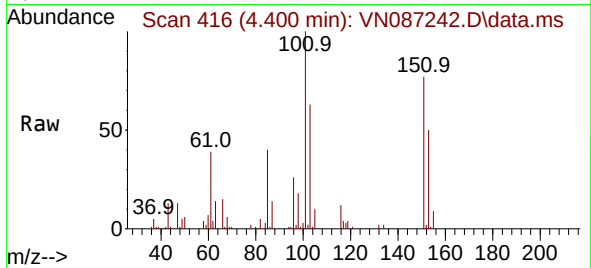




#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.309 ug/l
RT: 4.400 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

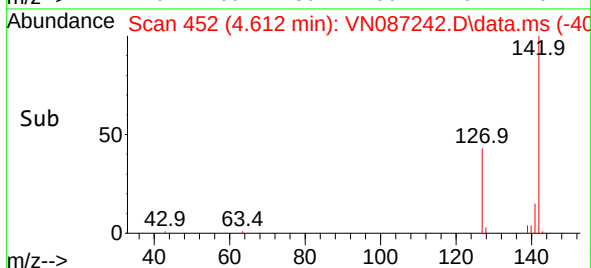
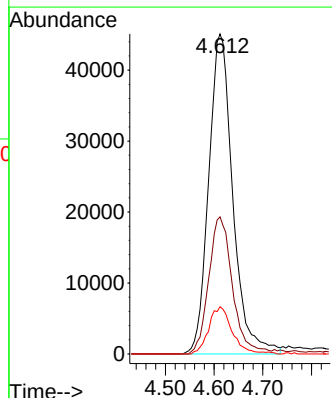
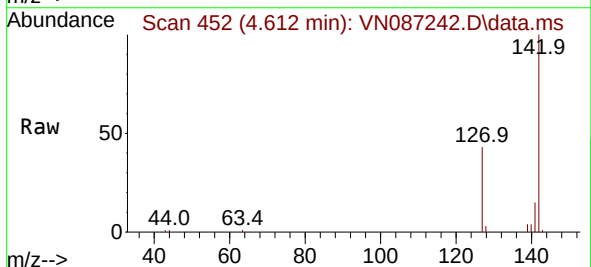
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

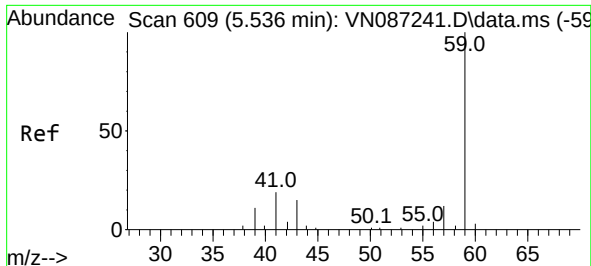
Tgt Ion:101 Resp: 136104
Ion Ratio Lower Upper
101 100
85 42.6 34.4 51.6
151 78.1 63.8 95.8



#10
Methyl Iodide
Concen: 114.042 ug/l
RT: 4.612 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion:142 Resp: 155087
Ion Ratio Lower Upper
142 100
127 42.9 32.8 49.2
141 14.7 11.6 17.4

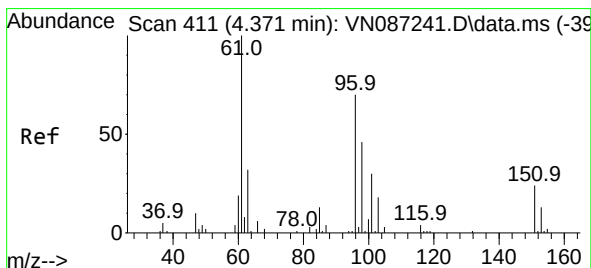
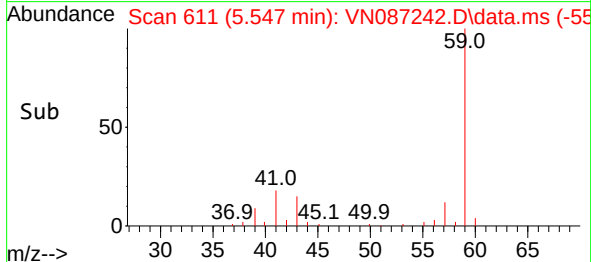
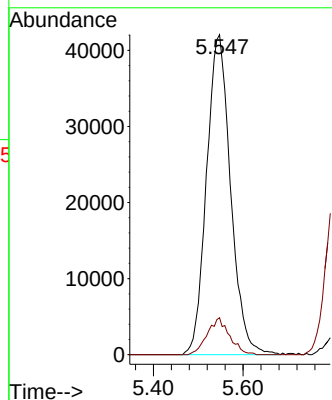
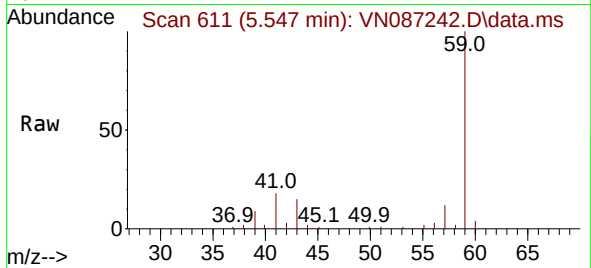




#11
Tert butyl alcohol
Concen: 488.564 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

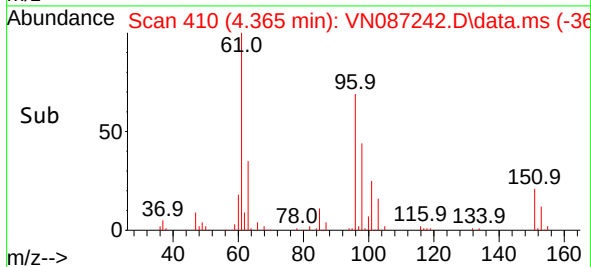
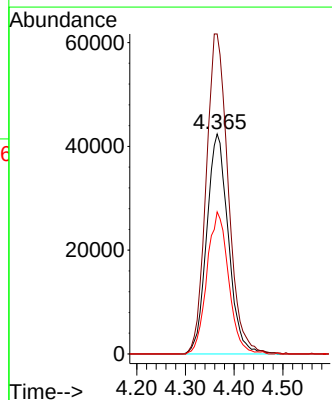
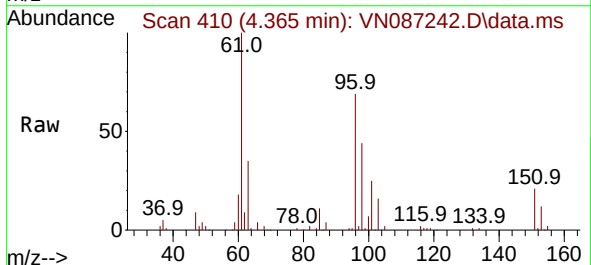
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

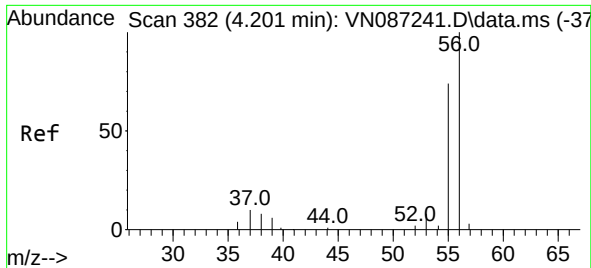
Tgt Ion: 59 Resp: 156477
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#12
1,1-Dichloroethene
Concen: 100.293 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 96 Resp: 130582
Ion Ratio Lower Upper
96 100
61 145.4 114.4 171.6
98 64.6 53.0 79.6





#13

Acrolein

Concen: 524.420 ug/l

RT: 4.200 min Scan# 382

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

Instrument :

MSVOA_N

ClientSampleId :

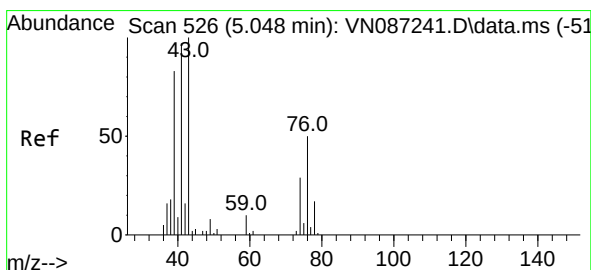
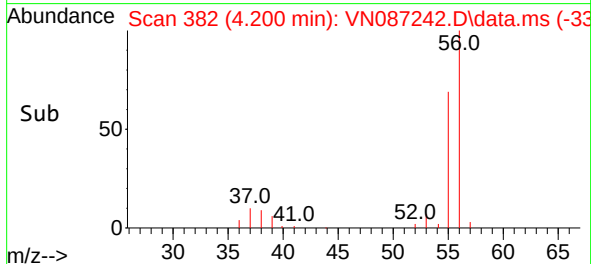
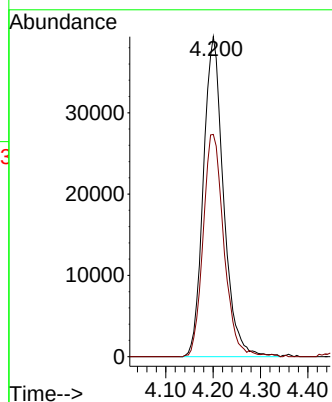
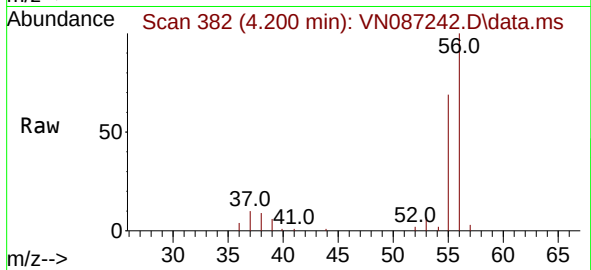
VSTDICC100

Tgt Ion: 56 Resp: 116332

Ion Ratio Lower Upper

56 100

55 71.4 58.6 88.0



#14

Allyl chloride

Concen: 102.811 ug/l

RT: 5.047 min Scan# 526

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

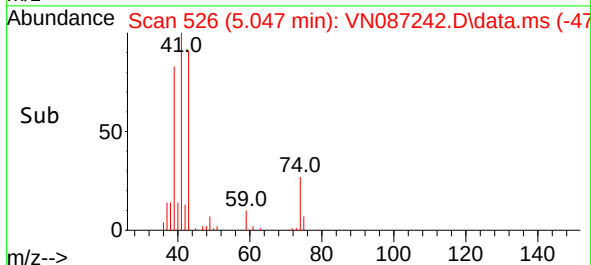
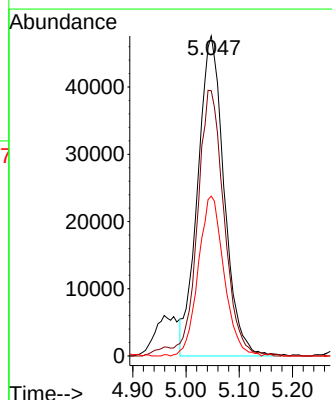
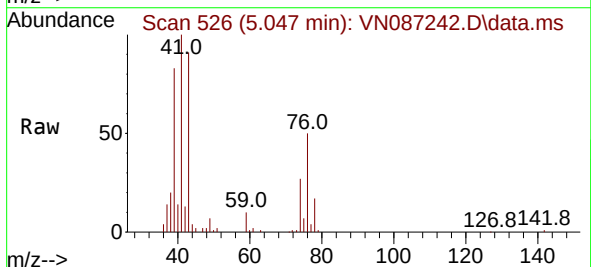
Tgt Ion: 41 Resp: 164053

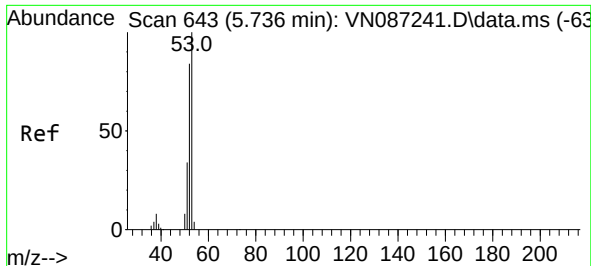
Ion Ratio Lower Upper

41 100

39 81.8 66.3 99.5

76 48.5 38.6 58.0

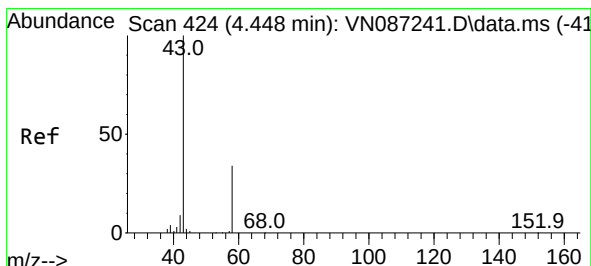
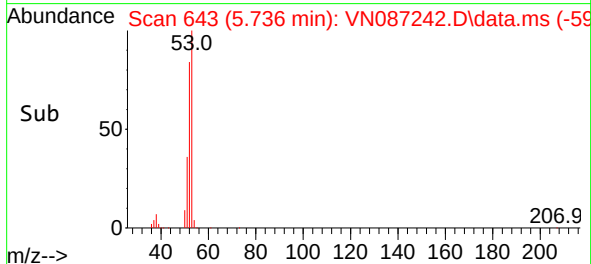
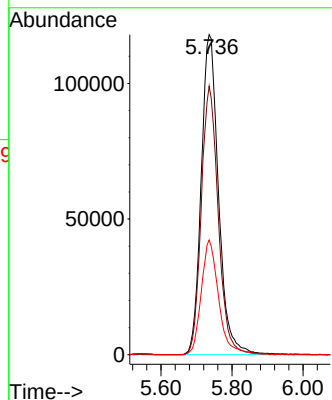
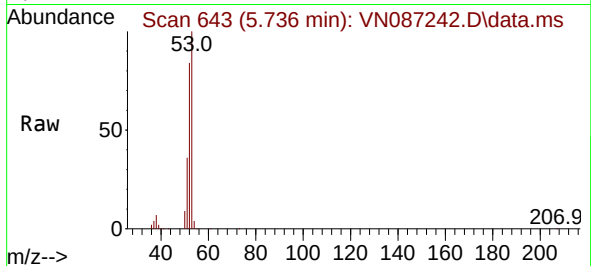




#15
Acrylonitrile
Concen: 504.012 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

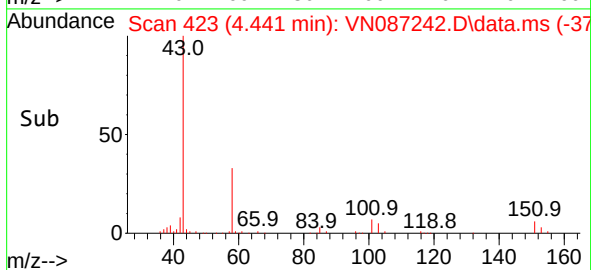
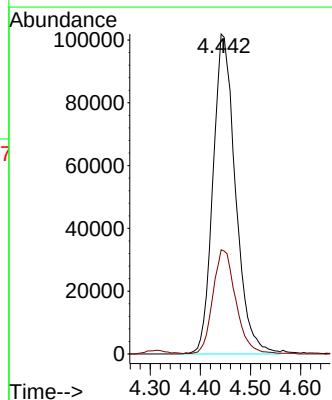
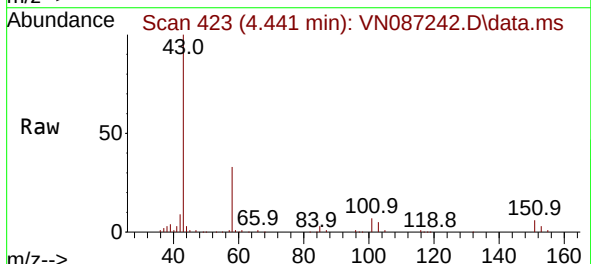
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

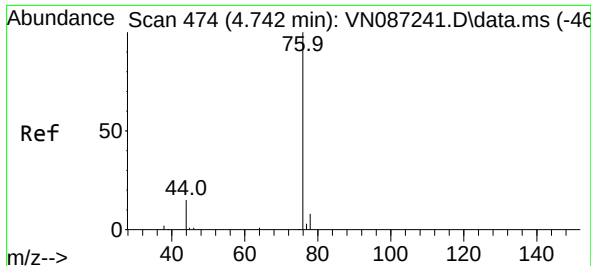
Tgt Ion: 53 Resp: 401033
Ion Ratio Lower Upper
53 100
52 82.1 66.5 99.7
51 36.0 29.1 43.7



#16
Acetone
Concen: 473.614 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 43 Resp: 318207
Ion Ratio Lower Upper
43 100
58 32.3 27.1 40.7

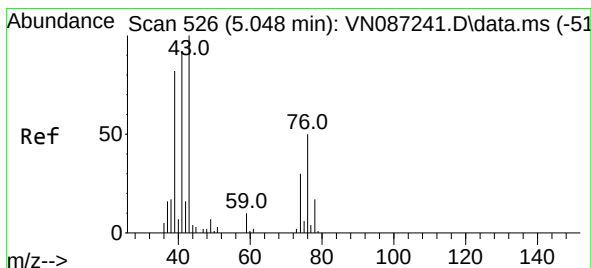
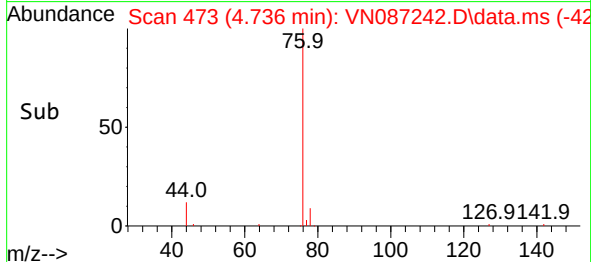
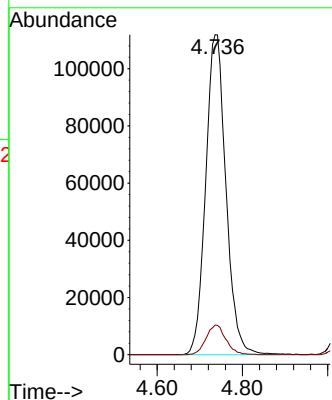
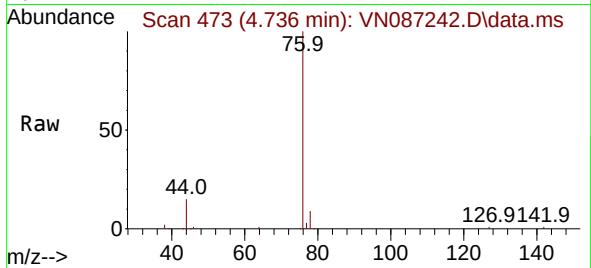




#17
Carbon Disulfide
Concen: 94.595 ug/l
RT: 4.736 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

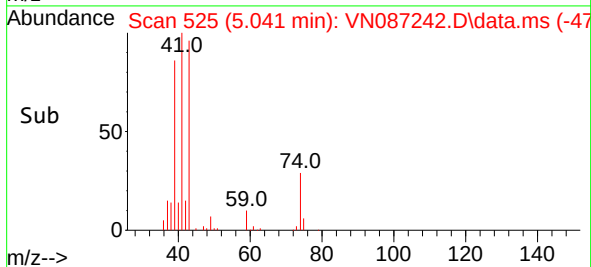
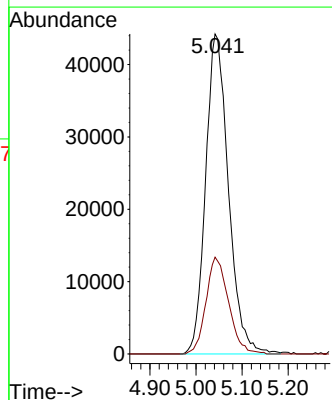
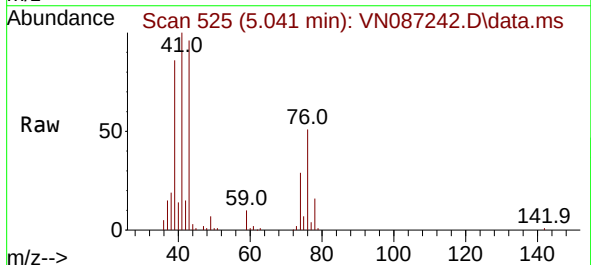
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

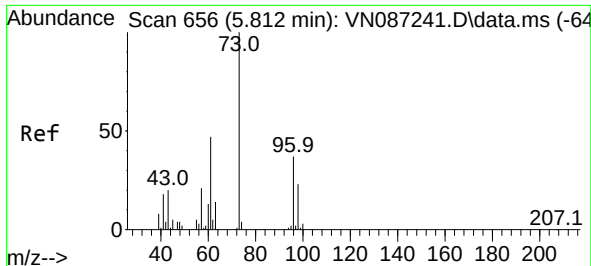
Tgt Ion: 76 Resp: 369523
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 99.065 ug/l
RT: 5.041 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 43 Resp: 152371
Ion Ratio Lower Upper
43 100
74 29.9 23.8 35.6

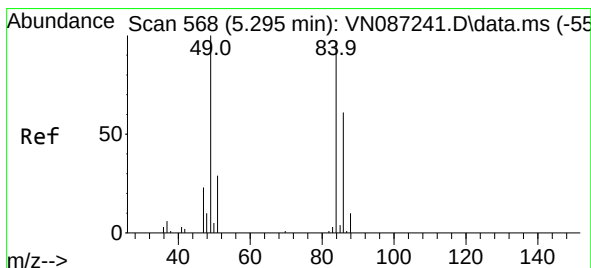
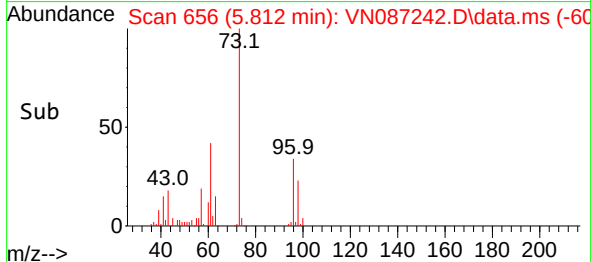
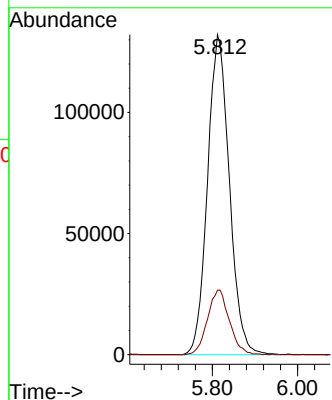
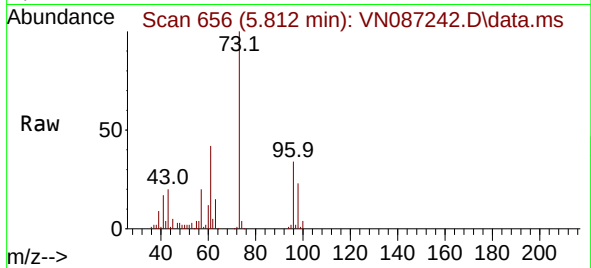




#19
Methyl tert-butyl Ether
Concen: 102.906 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

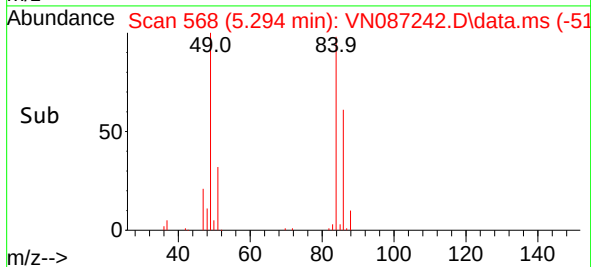
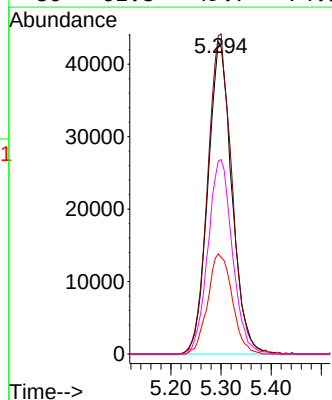
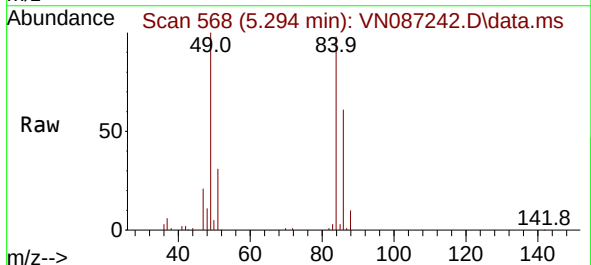
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

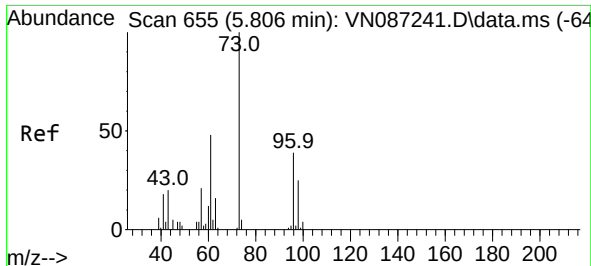
Tgt Ion: 73 Resp: 469578
Ion Ratio Lower Upper
73 100
57 20.1 16.7 25.1



#20
Methylene Chloride
Concen: 95.627 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 84 Resp: 142327
Ion Ratio Lower Upper
84 100
49 101.9 82.1 123.1
51 32.1 23.5 35.3
86 61.8 49.7 74.5

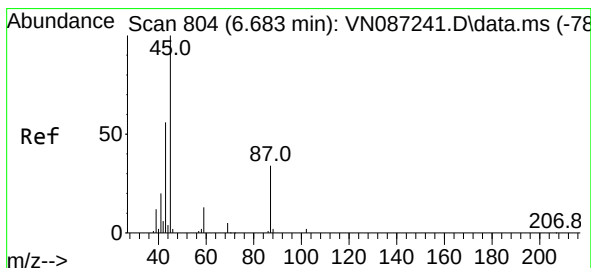
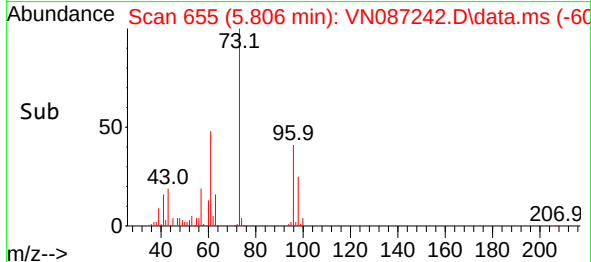
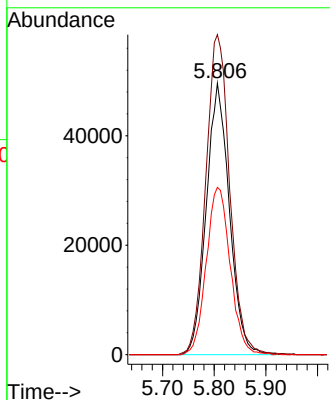
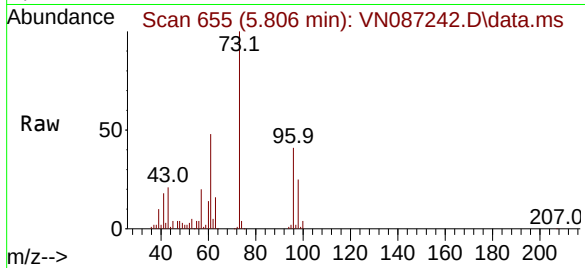




#21
trans-1,2-Dichloroethene
Concen: 97.917 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

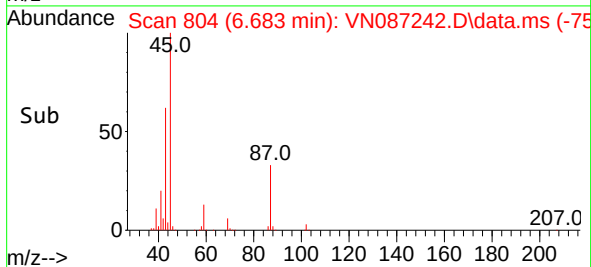
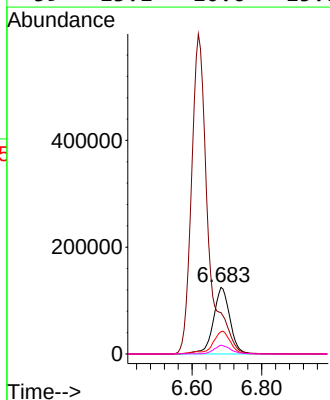
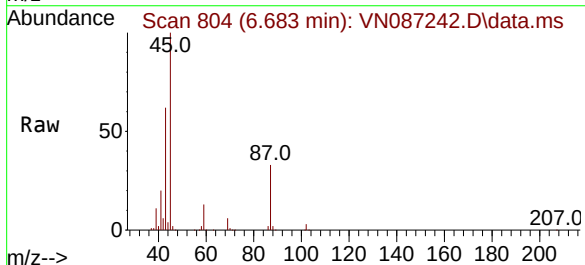
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

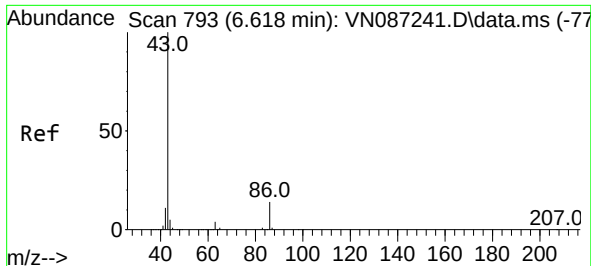
Tgt Ion: 96 Resp: 154052
Ion Ratio Lower Upper
96 100
61 117.9 98.2 147.2
98 61.7 50.0 75.0



#22
Diisopropyl ether
Concen: 107.425 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 45 Resp: 410415
Ion Ratio Lower Upper
45 100
43 61.8 50.1 75.1
87 33.5 27.5 41.3
59 13.1 10.6 15.8

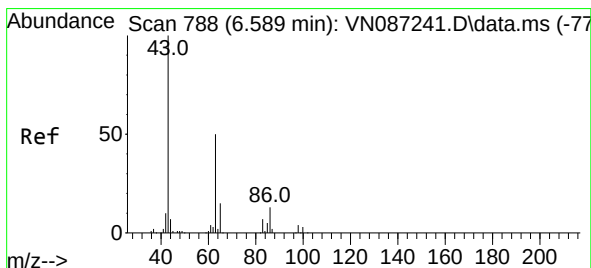
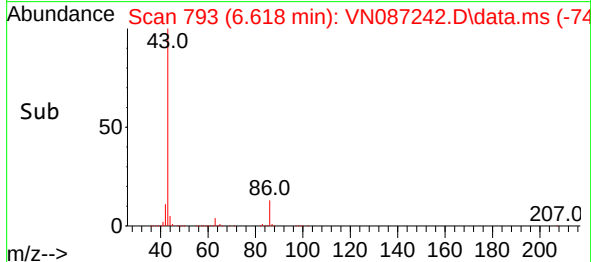
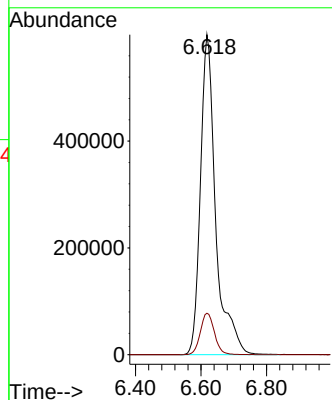
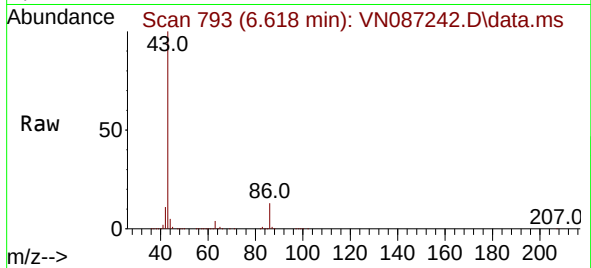




#23
 Vinyl Acetate
 Concen: 549.382 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087242.D
 Acq: 30 Jun 2025 14:30

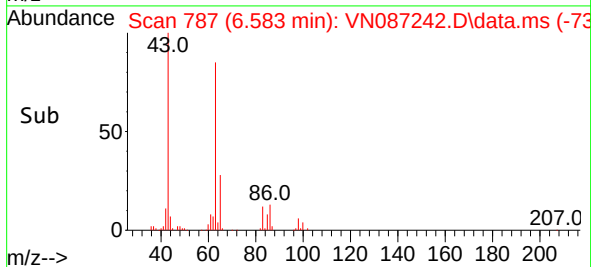
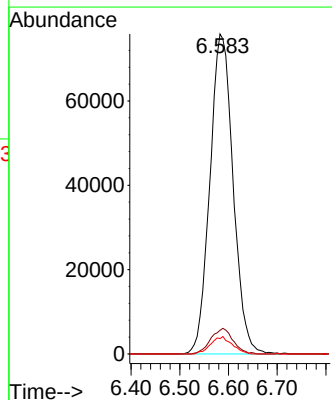
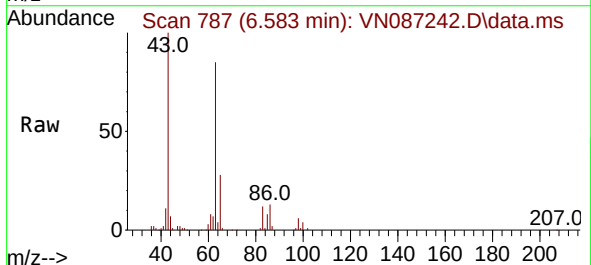
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

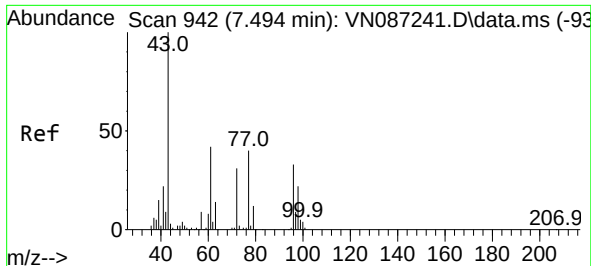
Tgt Ion: 43 Resp: 1941122
 Ion Ratio Lower Upper
 43 100
 86 13.0 11.0 16.4



#24
 1,1-Dichloroethane
 Concen: 100.251 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.006 min
 Lab File: VN087242.D
 Acq: 30 Jun 2025 14:30

Tgt Ion: 63 Resp: 250943
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.6
 100 4.8 2.7 8.1

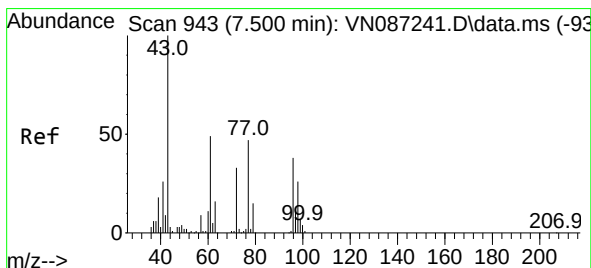
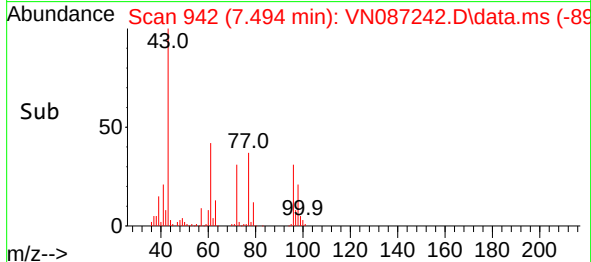
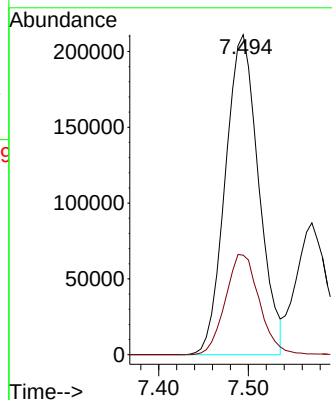
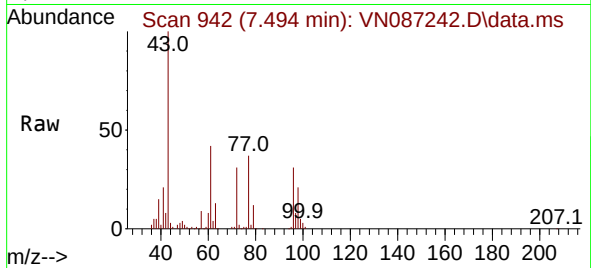




#25
2-Butanone
Concen: 519.499 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

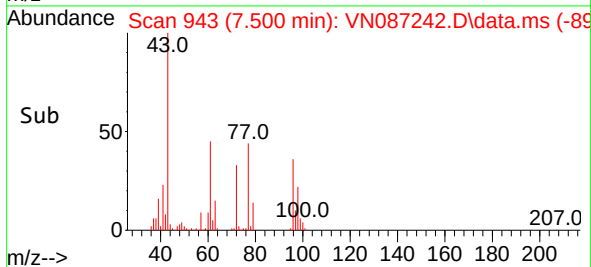
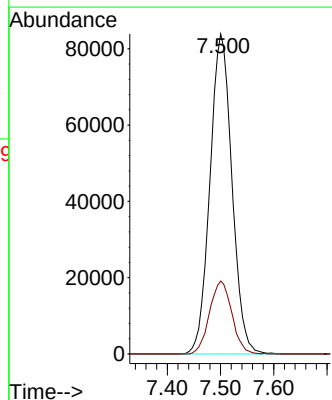
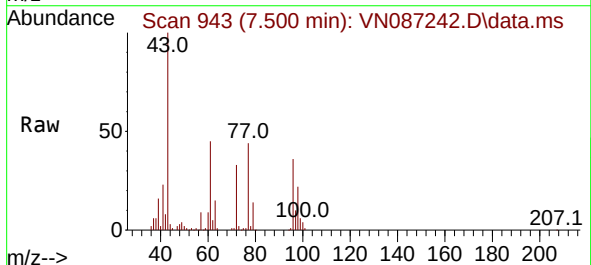
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

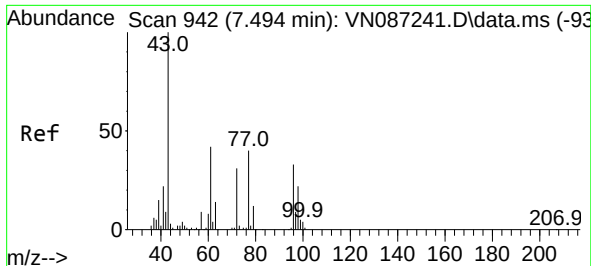
Tgt Ion: 43 Resp: 545457
Ion Ratio Lower Upper
43 100
72 31.1 24.8 37.2



#26
2,2-Dichloropropane
Concen: 100.396 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 77 Resp: 240475
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.3

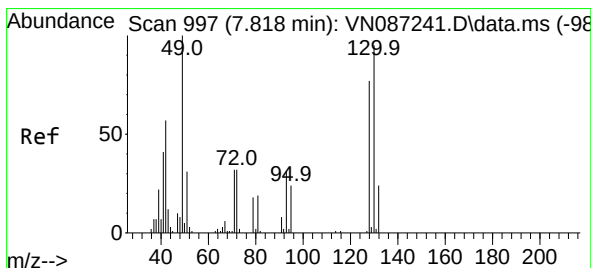
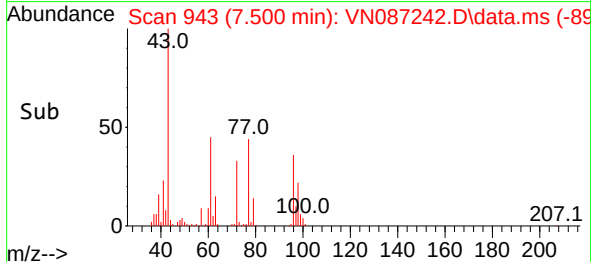
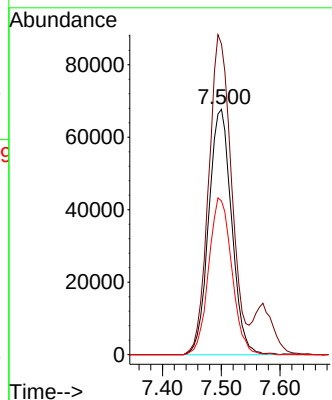
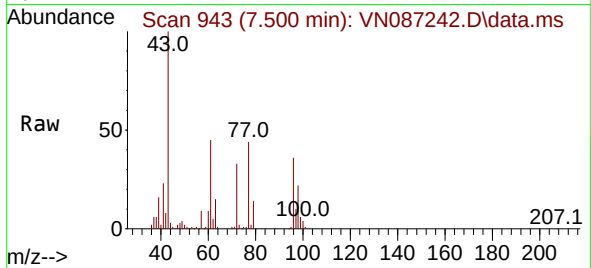




#27
 cis-1,2-Dichloroethene
 Concen: 101.157 ug/l
 RT: 7.500 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN087242.D
 Acq: 30 Jun 2025 14:30

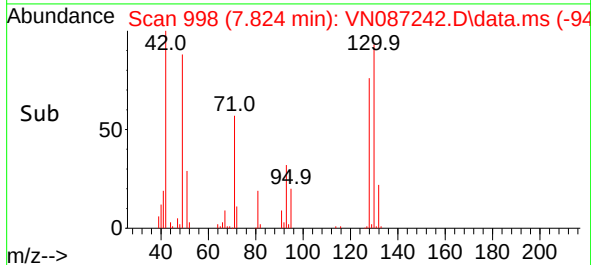
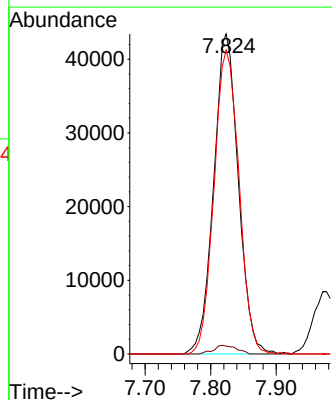
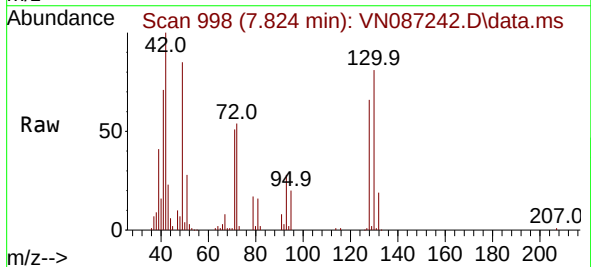
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

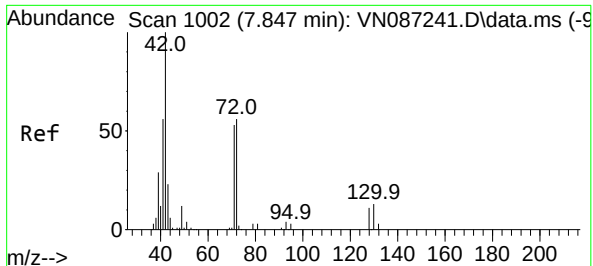
Tgt Ion: 96 Resp: 183793
 Ion Ratio Lower Upper
 96 100
 61 129.9 0.0 258.8
 98 64.4 0.0 130.8



#28
 Bromochloromethane
 Concen: 102.515 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN087242.D
 Acq: 30 Jun 2025 14:30

Tgt Ion: 49 Resp: 113265
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 96.0 78.4 117.6





#29

Tetrahydrofuran

Concen: 544.902 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

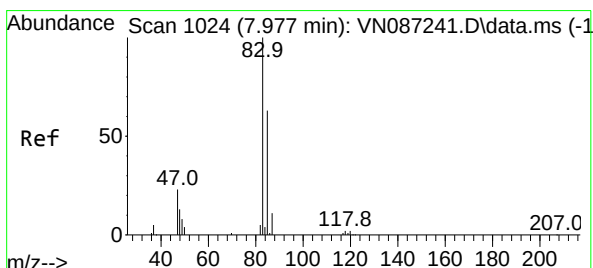
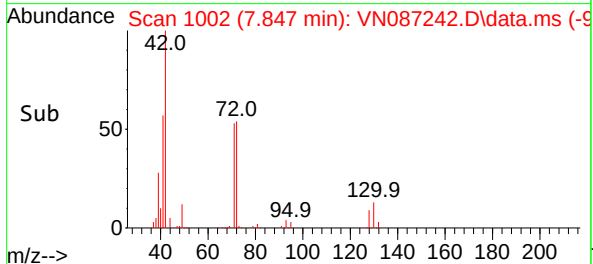
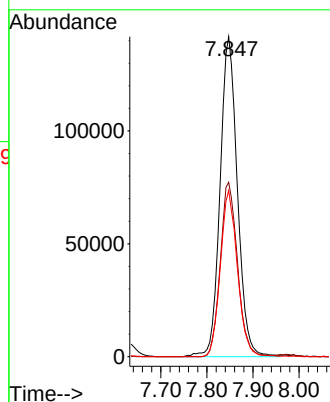
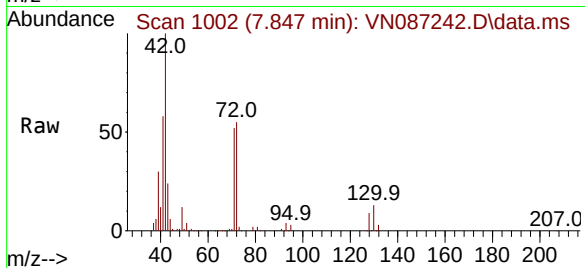
Tgt Ion: 42 Resp: 368677

Ion Ratio Lower Upper

42 100

72 54.2 44.2 66.4

71 51.1 41.1 61.7



#30

Chloroform

Concen: 100.483 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN087242.D

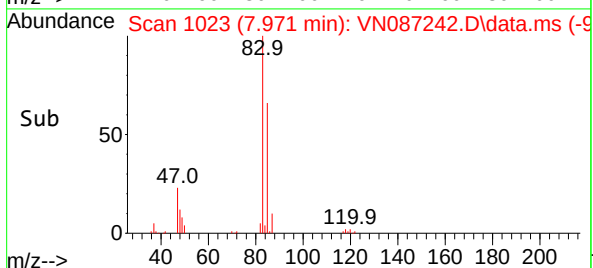
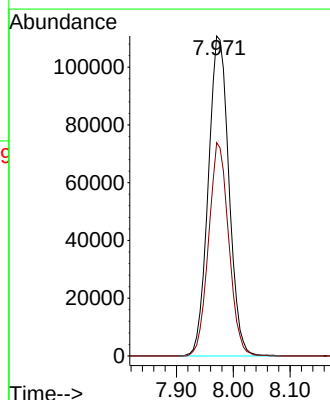
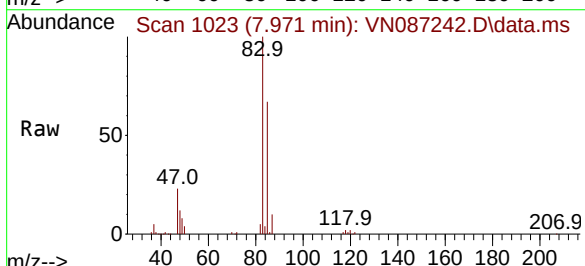
Acq: 30 Jun 2025 14:30

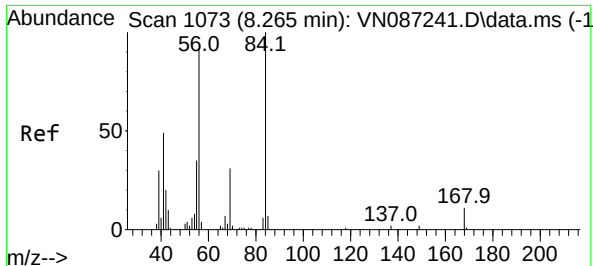
Tgt Ion: 83 Resp: 278788

Ion Ratio Lower Upper

83 100

85 66.7 50.3 75.5

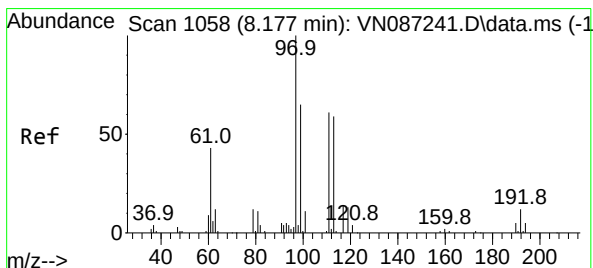
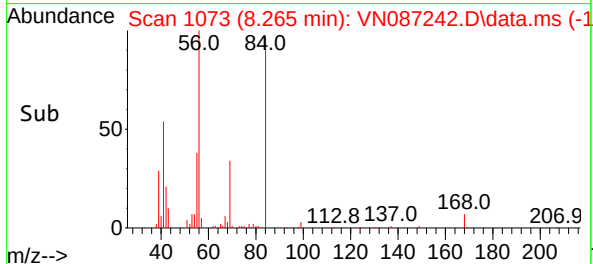
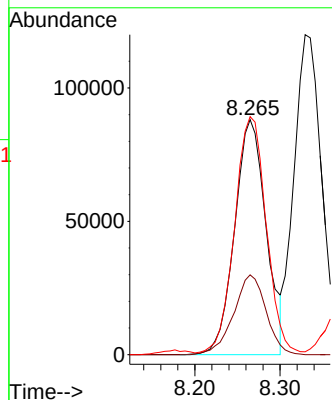
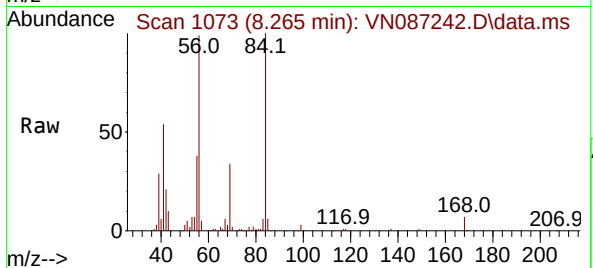




#31
Cyclohexane
Concen: 94.510 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

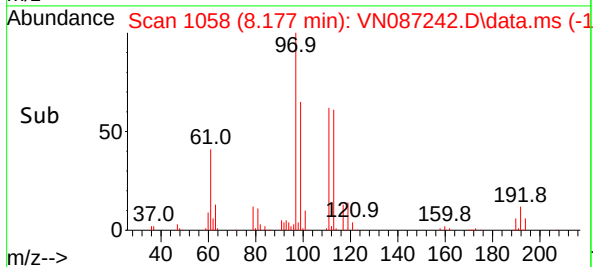
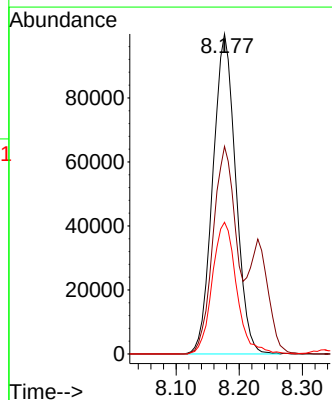
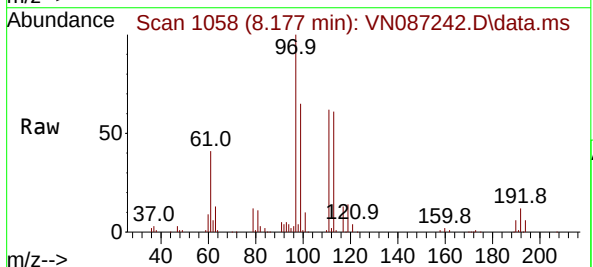
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

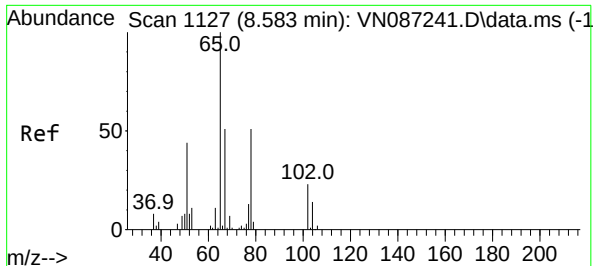
Tgt Ion: 56 Resp: 226194
Ion Ratio Lower Upper
56 100
69 33.9 27.0 40.6
84 99.9 86.2 129.4



#32
1,1,1-Trichloroethane
Concen: 97.346 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 97 Resp: 251529
Ion Ratio Lower Upper
97 100
99 64.9 49.5 74.3
61 43.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 101.362 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

Instrument :

MSVOA_N

ClientSampleId :

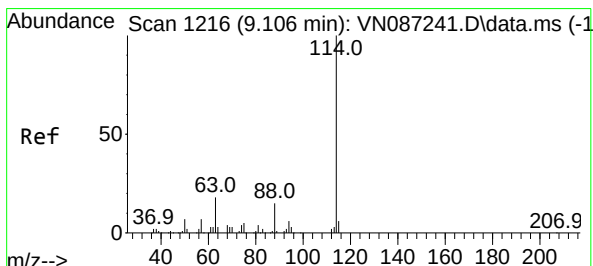
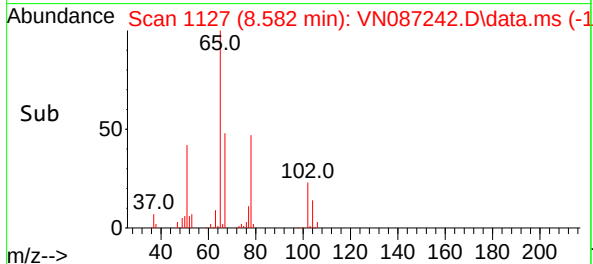
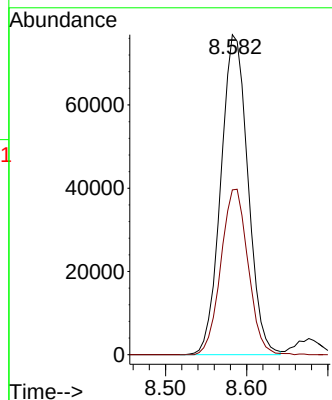
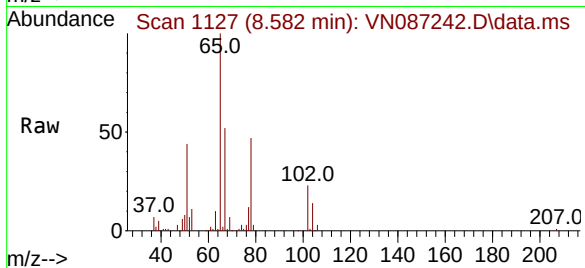
VSTDIC100

Tgt Ion: 65 Resp: 178130

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

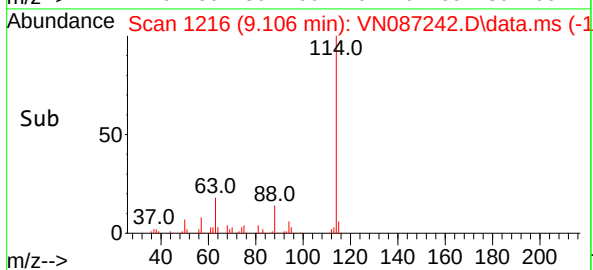
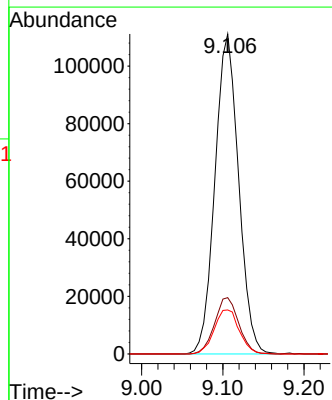
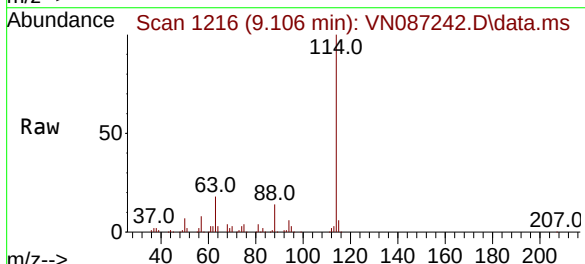
Tgt Ion: 114 Resp: 224947

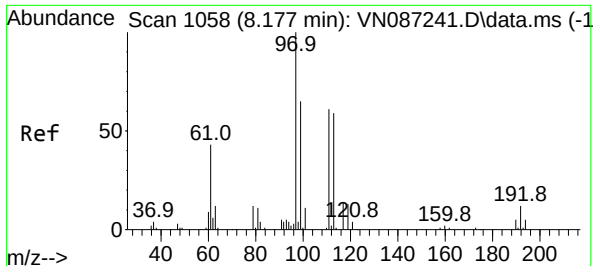
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

88 13.8 0.0 29.6





#35

Dibromofluoromethane

Concen: 104.259 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

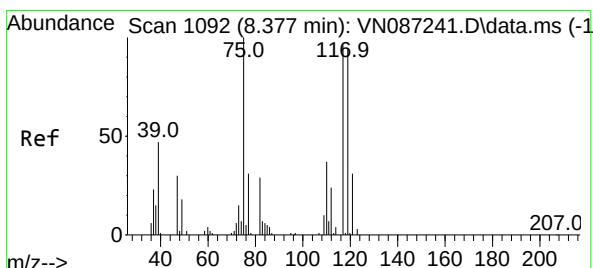
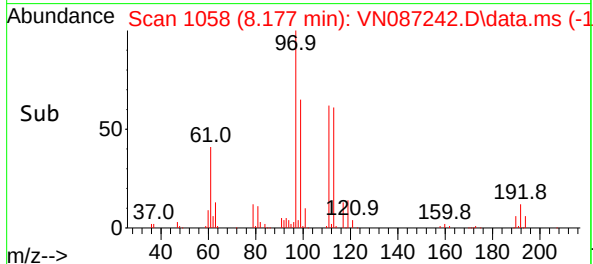
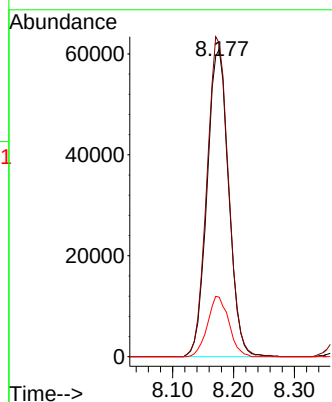
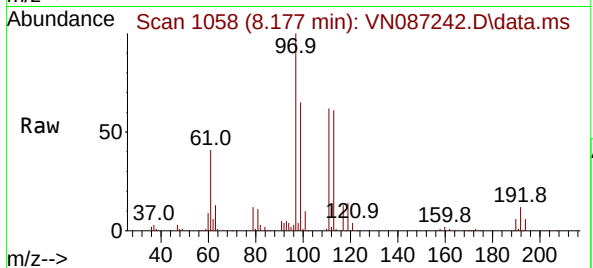
Tgt Ion:113 Resp: 150169

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.2

192 19.4 15.1 22.7



#36

1,1-Dichloropropene

Concen: 105.403 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

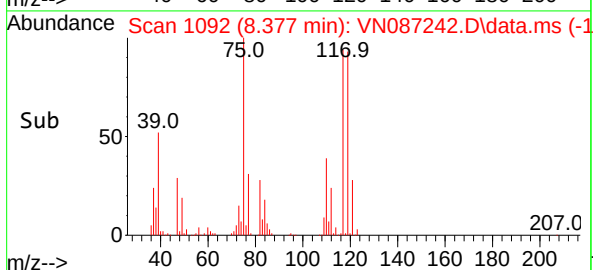
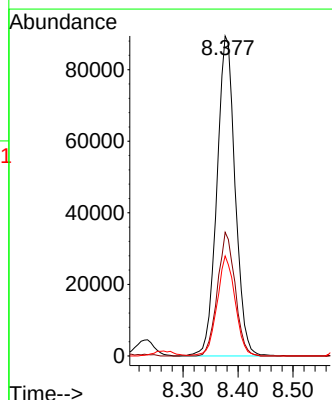
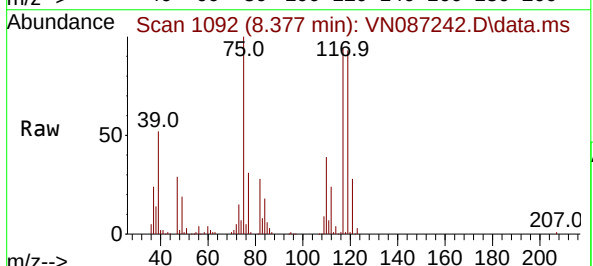
Tgt Ion: 75 Resp: 206454

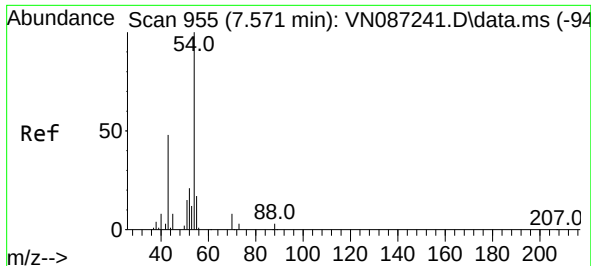
Ion Ratio Lower Upper

75 100

110 37.4 18.7 56.1

77 30.8 24.5 36.7

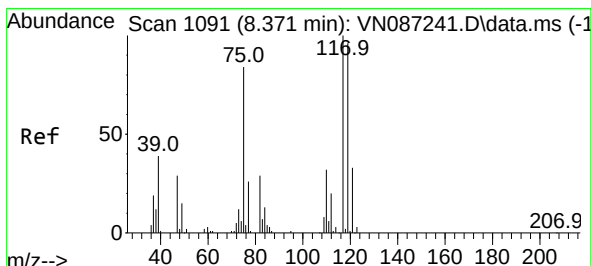
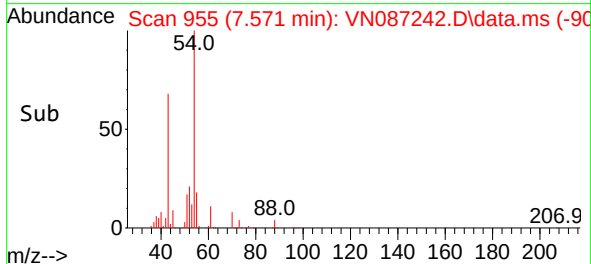
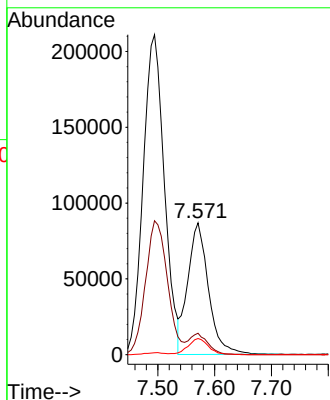
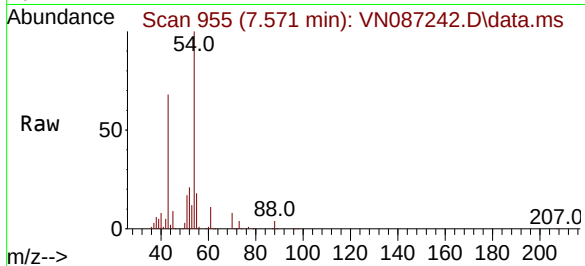




#37
Ethyl Acetate
Concen: 104.729 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

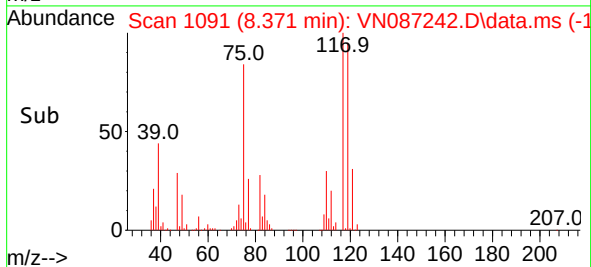
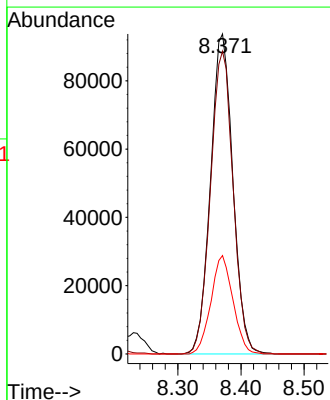
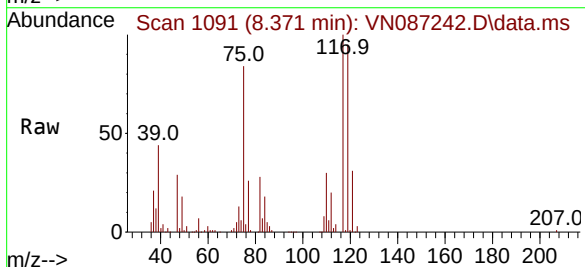
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

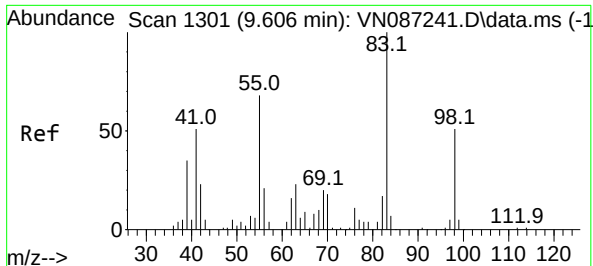
Tgt Ion: 43 Resp: 220517
Ion Ratio Lower Upper
43 100
61 14.6 11.3 16.9
70 12.1 9.9 14.9



#38
Carbon Tetrachloride
Concen: 103.877 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 117 Resp: 230551
Ion Ratio Lower Upper
117 100
119 94.6 77.2 115.8
121 30.7 26.6 39.8





#39

Methylcyclohexane

Concen: 108.199 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

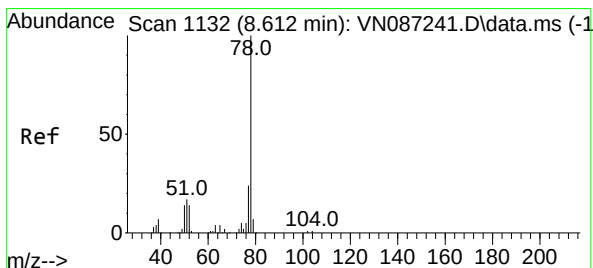
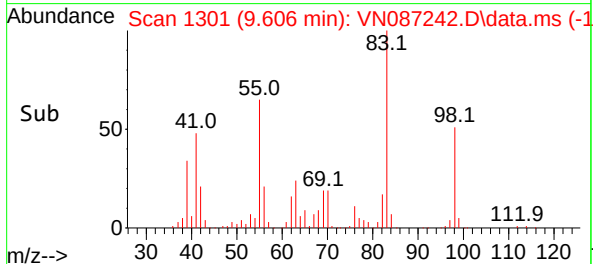
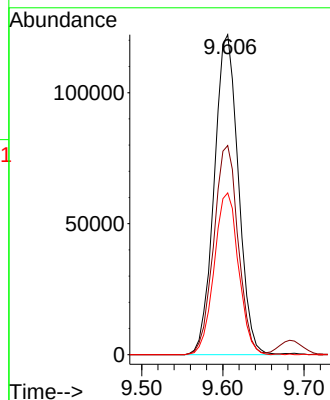
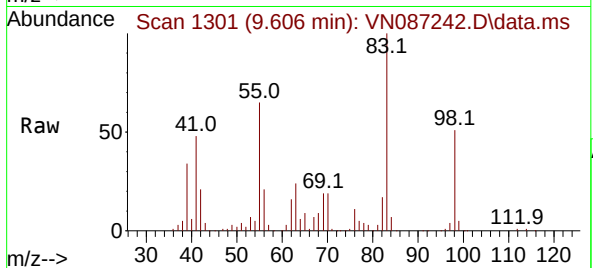
Tgt Ion: 83 Resp: 252386

Ion Ratio Lower Upper

83 100

55 65.3 54.6 81.8

98 50.6 41.2 61.8



#40

Benzene

Concen: 102.416 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087242.D

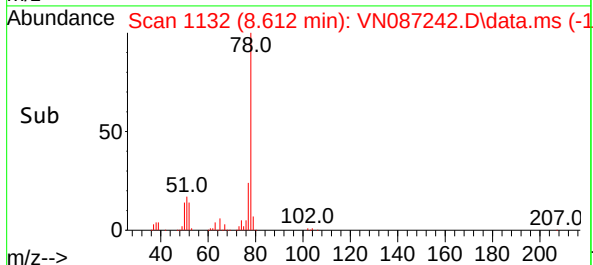
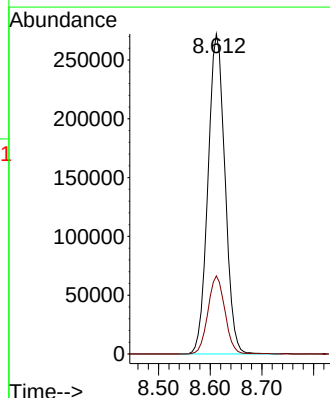
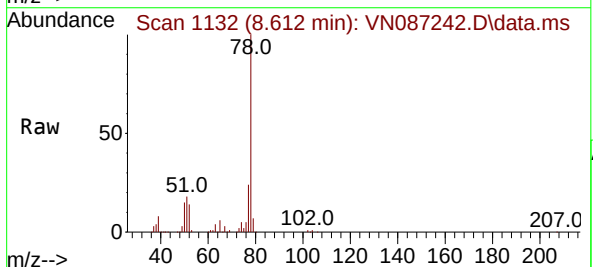
Acq: 30 Jun 2025 14:30

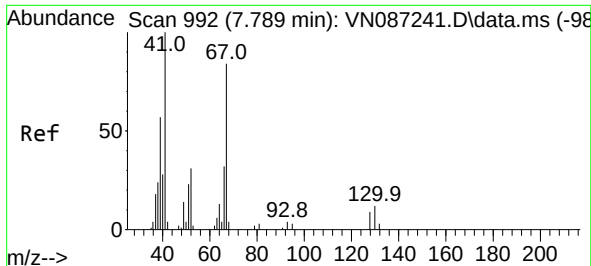
Tgt Ion: 78 Resp: 621487

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3



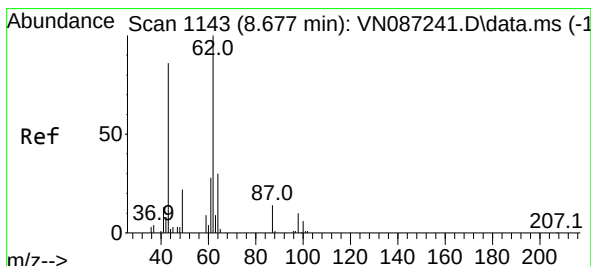
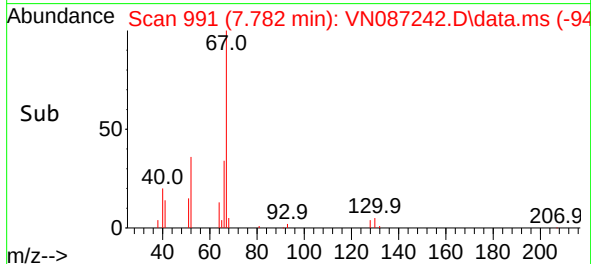
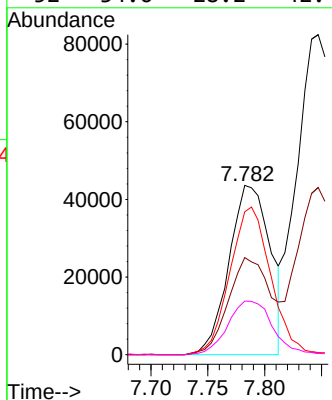
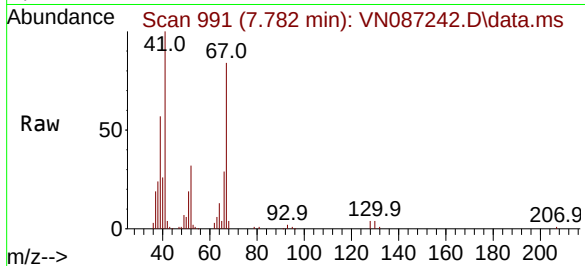


#41
Methacrylonitrile
Concen: 109.199 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 109937

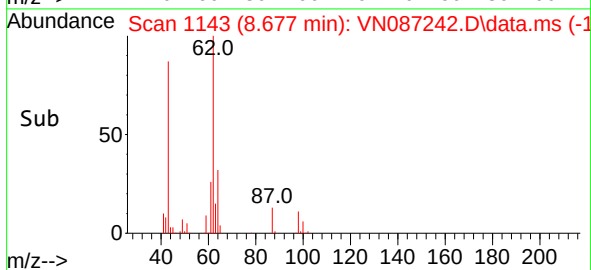
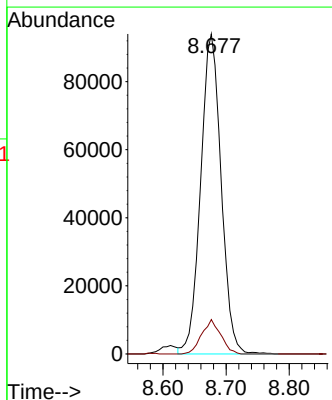
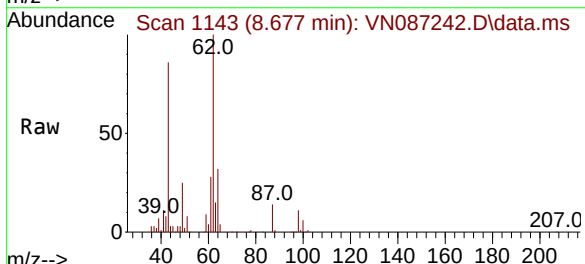
Ion	Ratio	Lower	Upper
41	100		
39	57.9	46.4	69.6
67	87.2	70.8	106.2
52	34.6	28.2	42.4

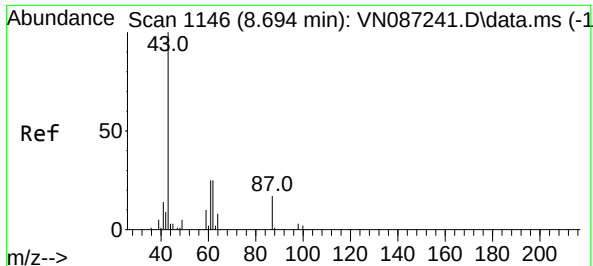


#42
1,2-Dichloroethane
Concen: 104.824 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 62 Resp: 211540

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8

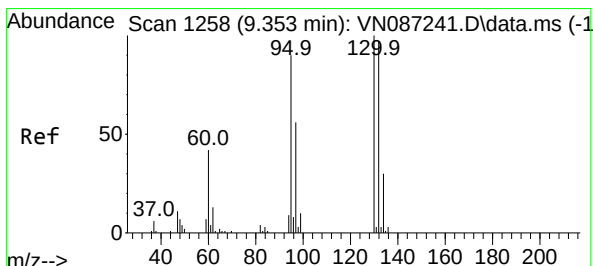
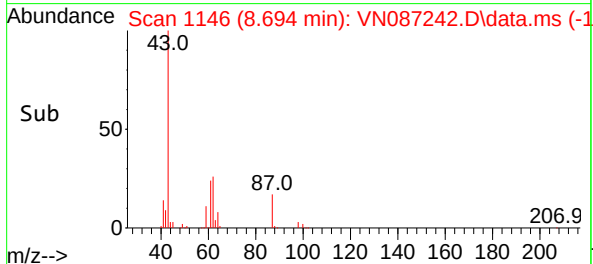
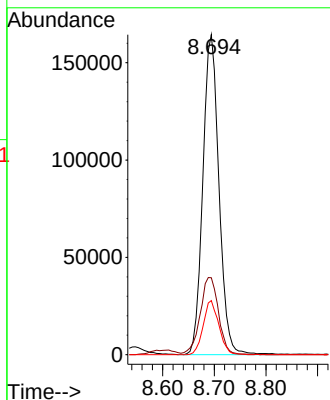
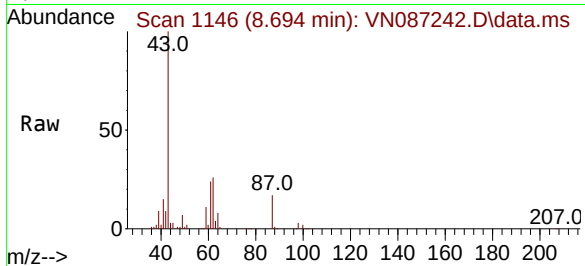




#43
Isopropyl Acetate
Concen: 109.097 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

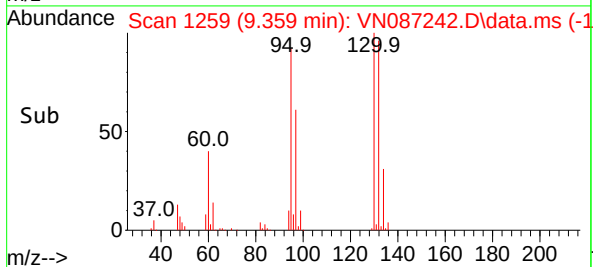
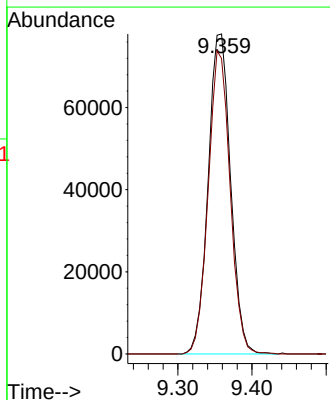
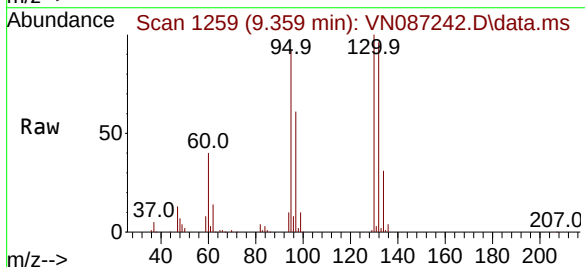
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

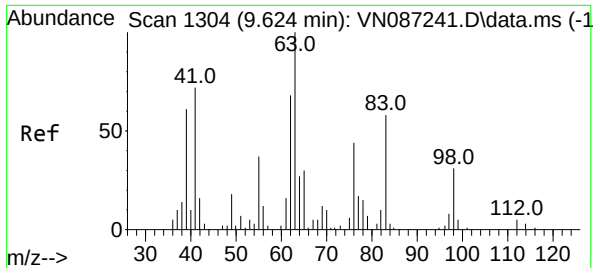
Tgt Ion: 43 Resp: 356245
Ion Ratio Lower Upper
43 100
61 27.5 22.4 33.6
87 16.4 12.8 19.2



#44
Trichloroethene
Concen: 101.654 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion:130 Resp: 163911
Ion Ratio Lower Upper
130 100
95 92.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 105.824 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

Instrument :

MSVOA_N

ClientSampleId :

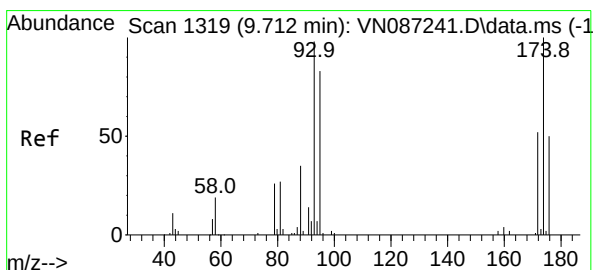
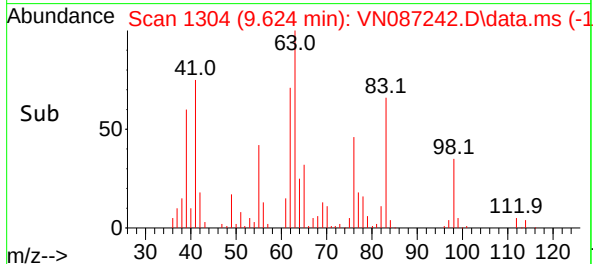
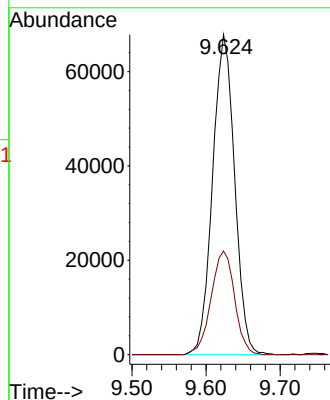
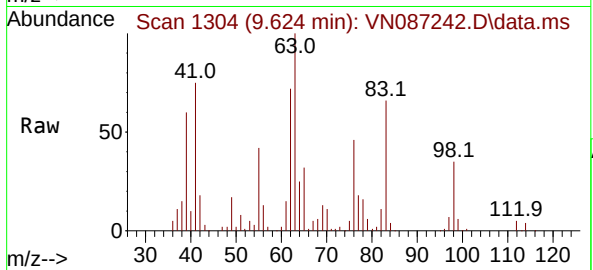
VSTDIC100

Tgt Ion: 63 Resp: 140013

Ion Ratio Lower Upper

63 100

65 32.4 23.8 35.8



#46

Dibromomethane

Concen: 102.109 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

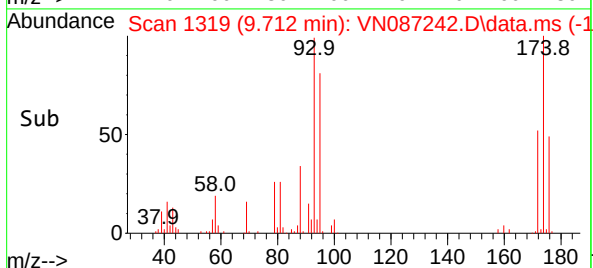
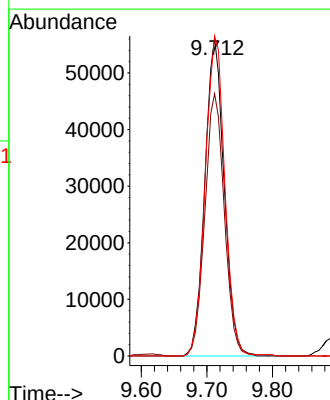
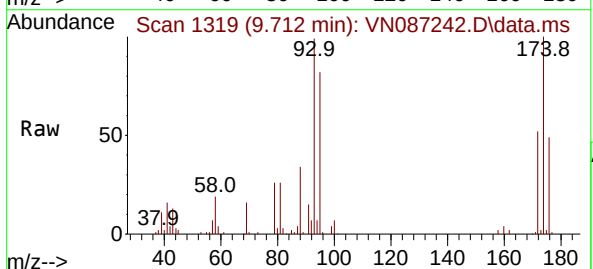
Tgt Ion: 93 Resp: 114930

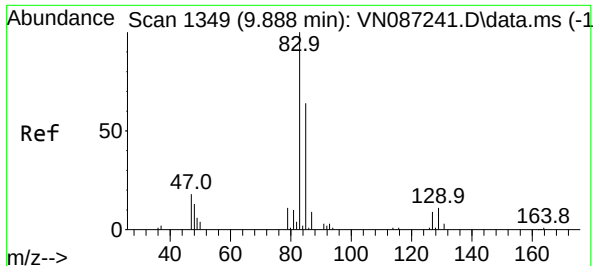
Ion Ratio Lower Upper

93 100

95 83.4 66.1 99.1

174 101.8 81.8 122.6

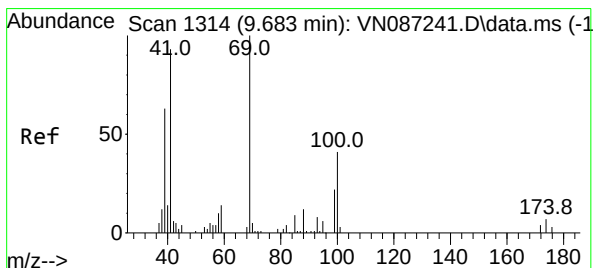
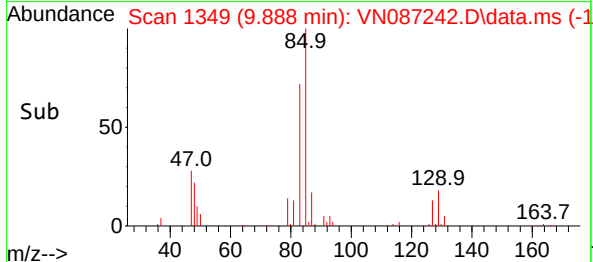
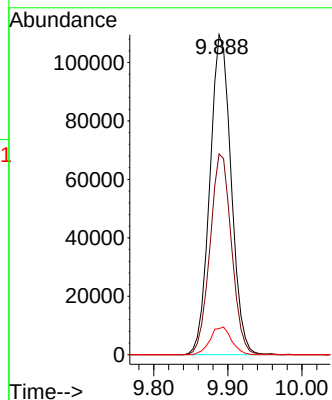
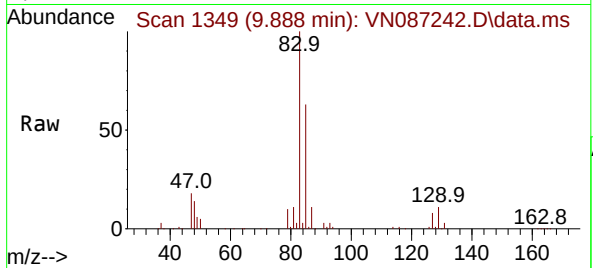




#47
Bromodichloromethane
Concen: 101.765 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

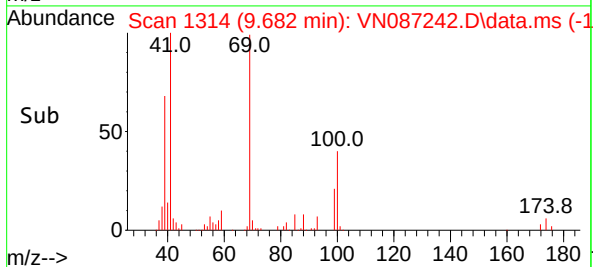
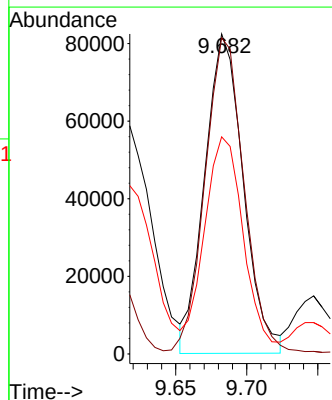
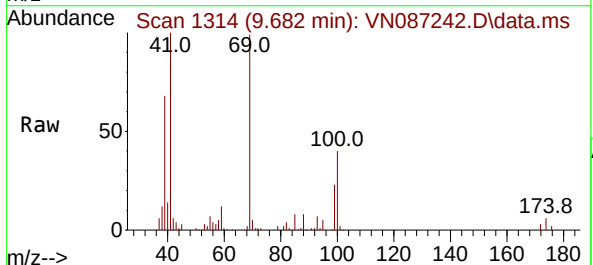
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

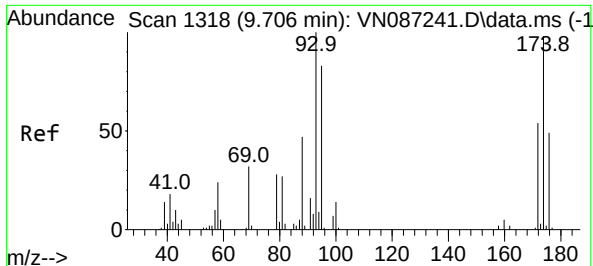
Tgt Ion: 83 Resp: 218457
Ion Ratio Lower Upper
83 100
85 62.8 51.2 76.8
127 8.1 7.0 10.4



#48
Methyl methacrylate
Concen: 112.584 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 41 Resp: 154943
Ion Ratio Lower Upper
41 100
69 100.9 81.4 122.2
39 69.7 56.9 85.3





#49

1,4-Dioxane

Concen: 1932.760 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

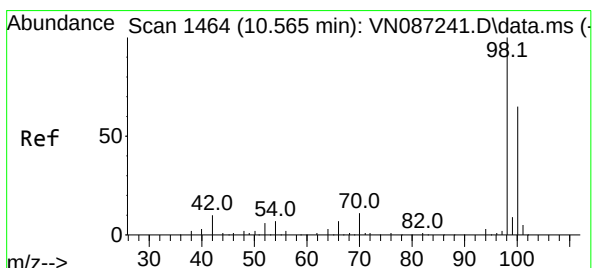
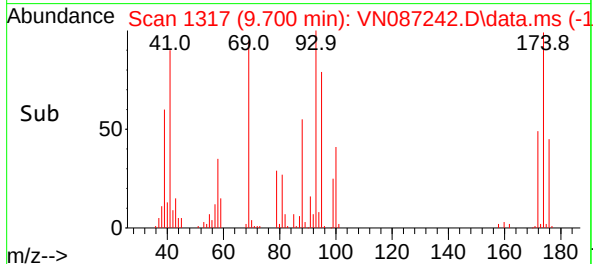
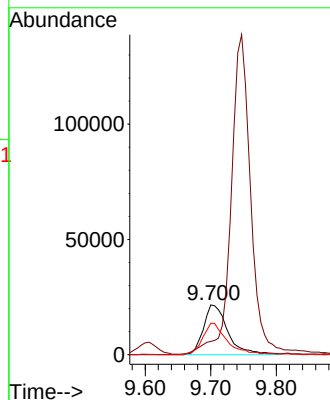
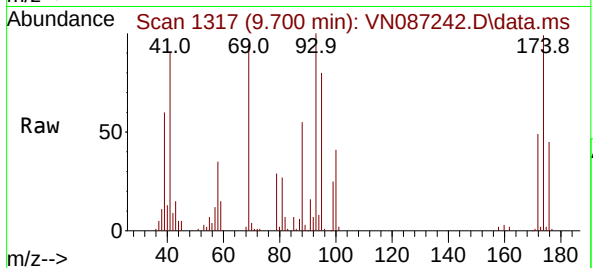
Tgt Ion: 88 Resp: 55855

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 63.0 47.8 71.8



#50

Toluene-d8

Concen: 109.213 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN087242.D

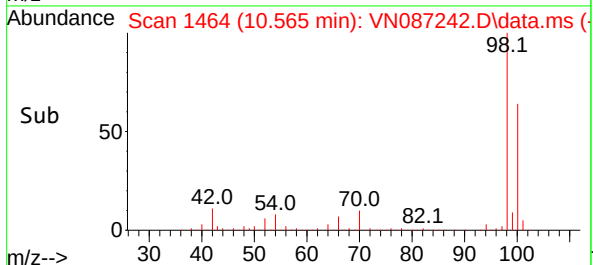
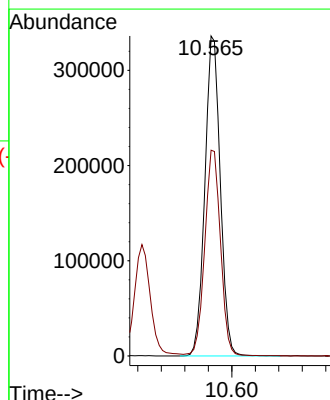
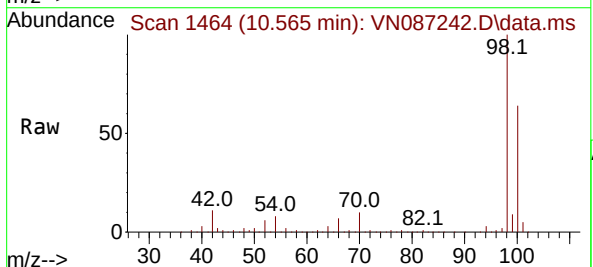
Acq: 30 Jun 2025 14:30

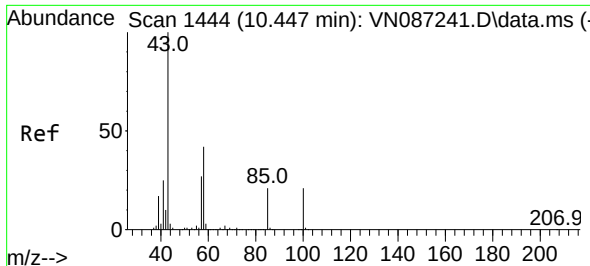
Tgt Ion: 98 Resp: 613147

Ion Ratio Lower Upper

98 100

100 65.9 52.1 78.1

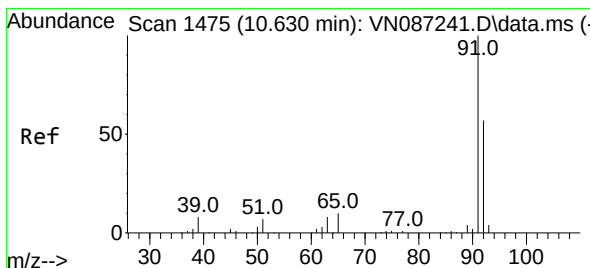
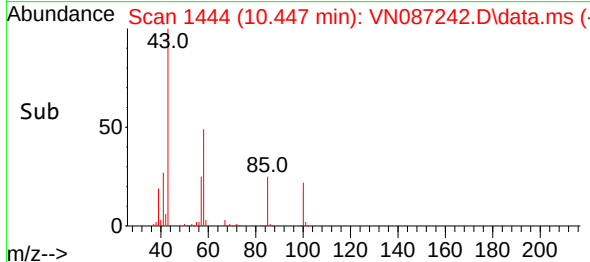
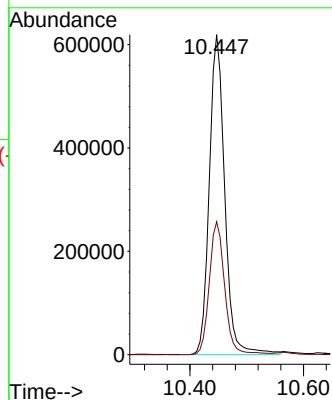
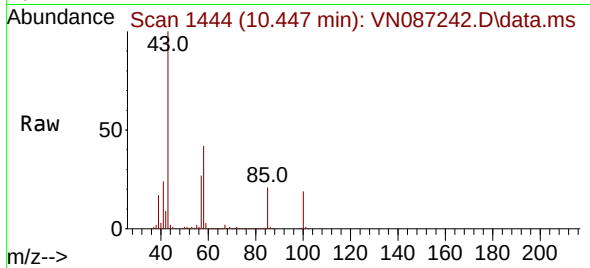




#51
4-Methyl-2-Pentanone
Concen: 581.166 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

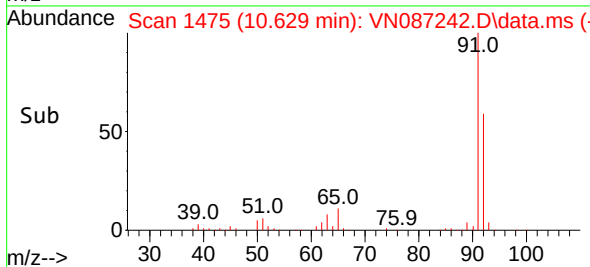
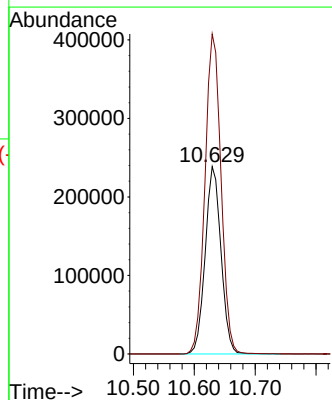
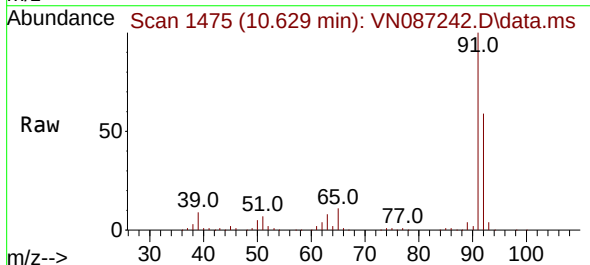
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

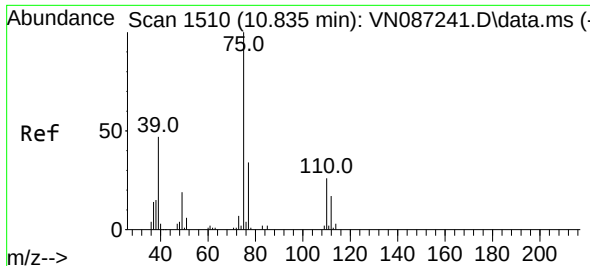
Tgt Ion: 43 Resp: 1161117
Ion Ratio Lower Upper
43 100
58 41.6 34.2 51.2



#52
Toluene
Concen: 108.111 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 92 Resp: 430256
Ion Ratio Lower Upper
92 100
91 173.7 137.8 206.6

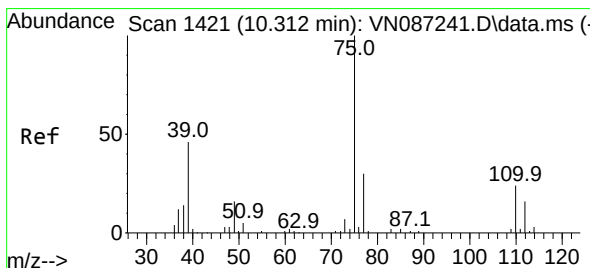
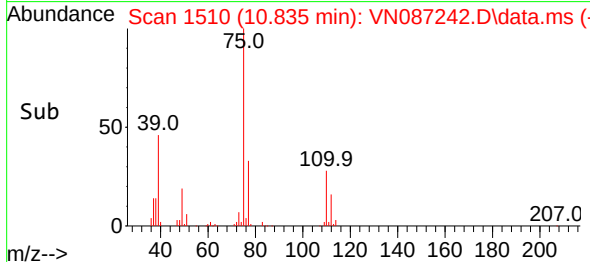
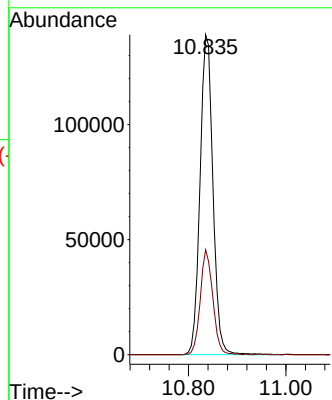
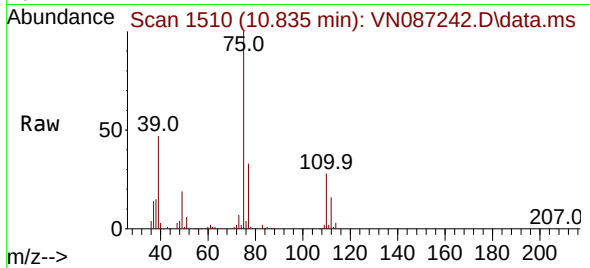




#53
t-1,3-Dichloropropene
Concen: 111.155 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

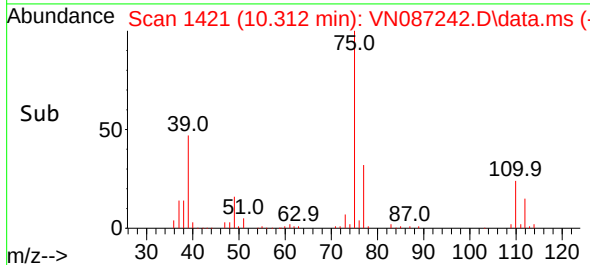
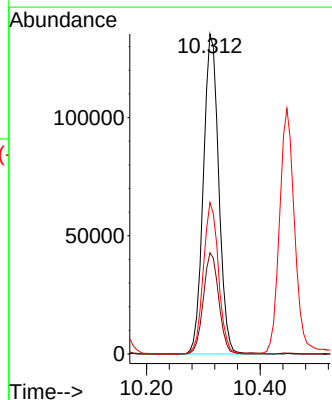
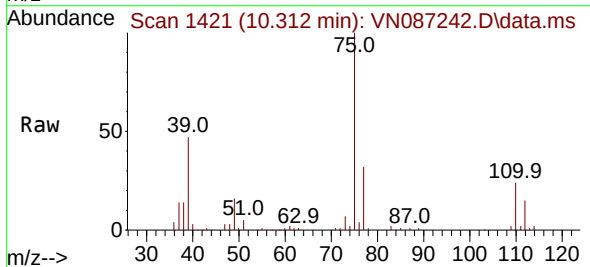
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

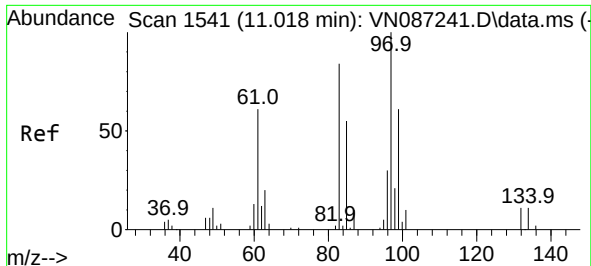
Tgt Ion: 75 Resp: 255930
Ion Ratio Lower Upper
75 100
77 32.8 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 108.459 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 75 Resp: 254432
Ion Ratio Lower Upper
75 100
77 31.6 24.1 36.1
39 47.2 36.7 55.1

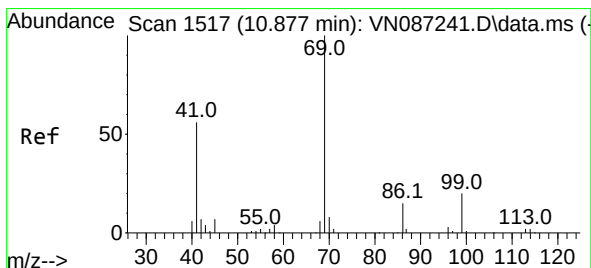
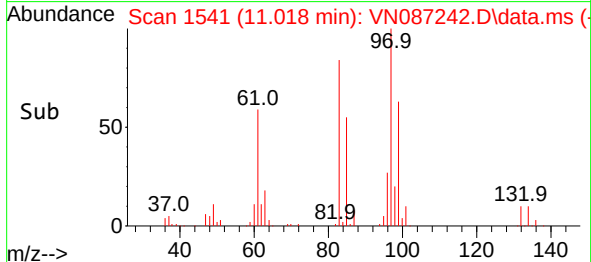
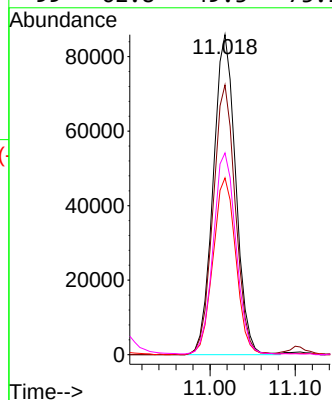
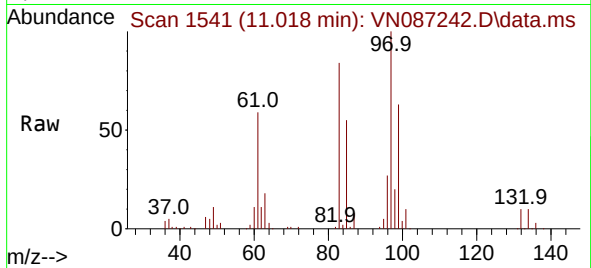




#55
 1,1,2-Trichloroethane
 Concen: 104.693 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN087242.D
 Acq: 30 Jun 2025 14:30

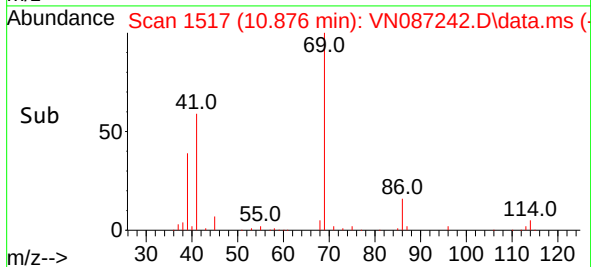
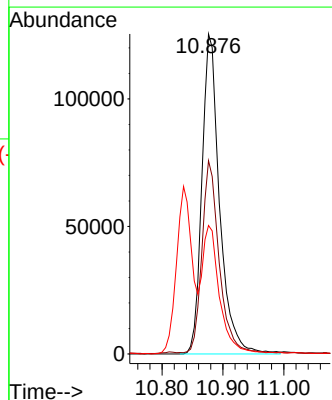
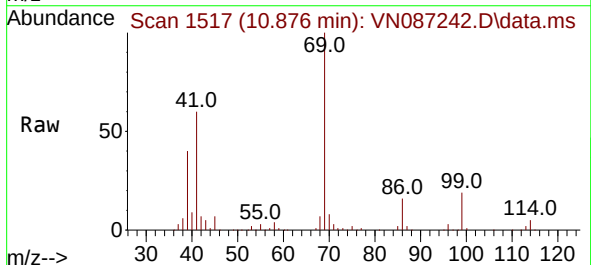
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

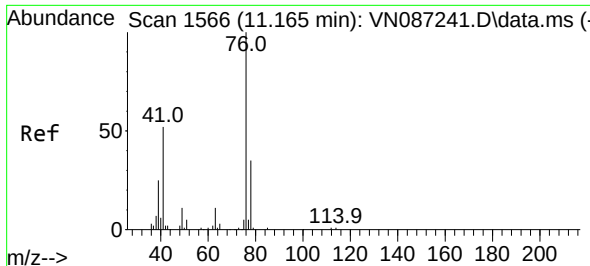
Tgt Ion:	97	Resp:	157393
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.4	101.2
85	55.2	43.6	65.4
99	62.8	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 114.851 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. -0.001 min
 Lab File: VN087242.D
 Acq: 30 Jun 2025 14:30

Tgt Ion:	69	Resp:	252974
Ion	Ratio	Lower	Upper
69	100		
41	58.0	44.2	66.4
39	38.7	29.5	44.3

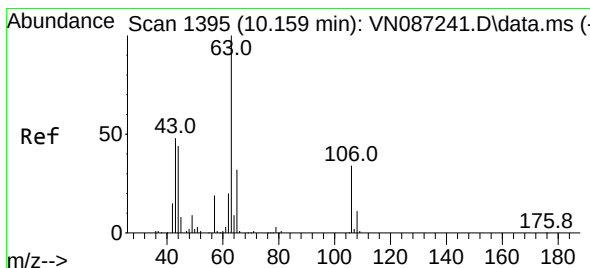
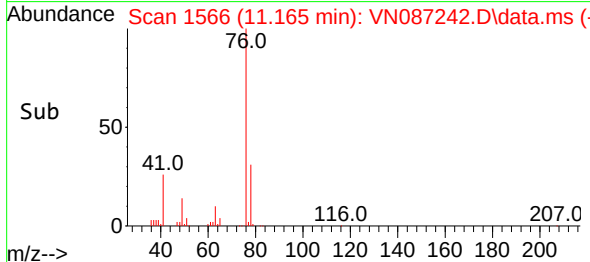
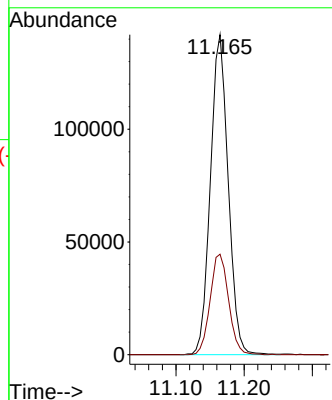
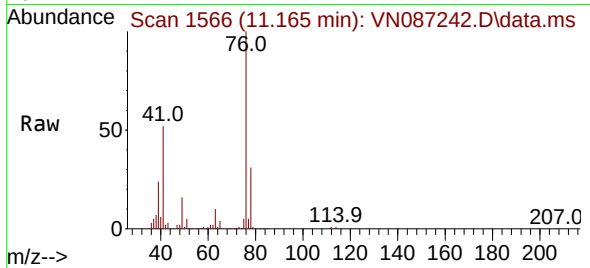




#57
1,3-Dichloropropane
Concen: 105.111 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

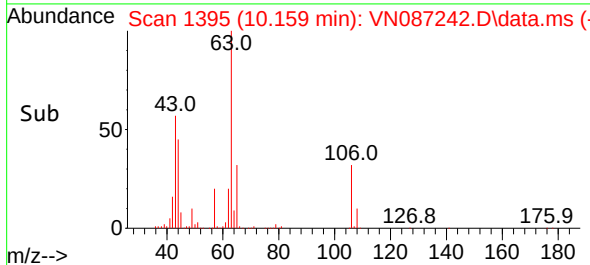
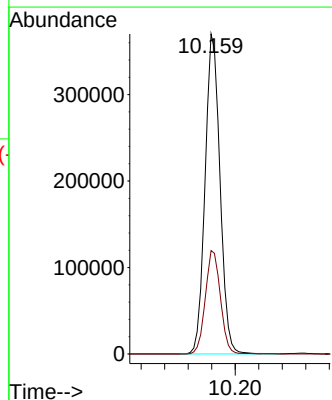
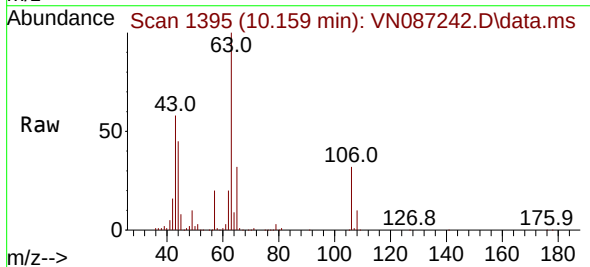
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

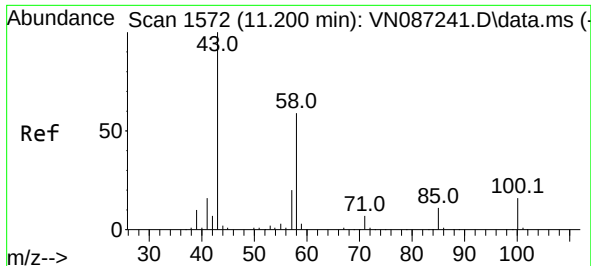
Tgt Ion: 76 Resp: 257910
Ion Ratio Lower Upper
76 100
78 32.6 27.1 40.7



#58
2-Chloroethyl Vinyl ether
Concen: 559.949 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 63 Resp: 651832
Ion Ratio Lower Upper
63 100
106 32.6 26.9 40.3

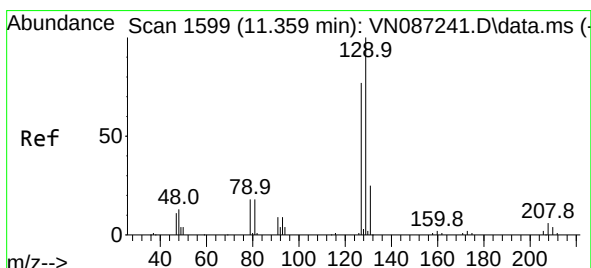
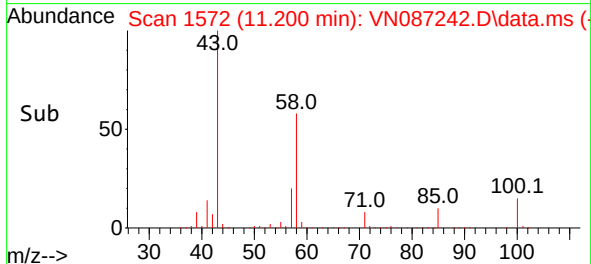
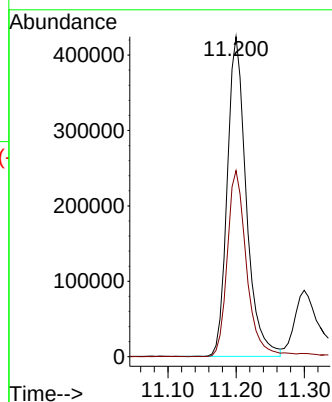
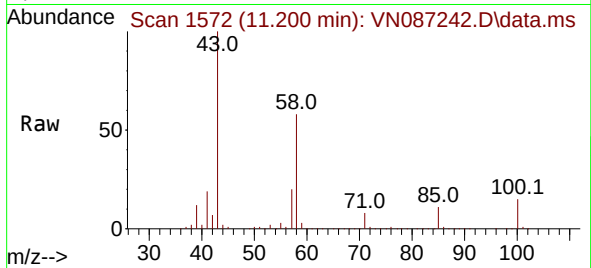




#59
2-Hexanone
Concen: 586.928 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

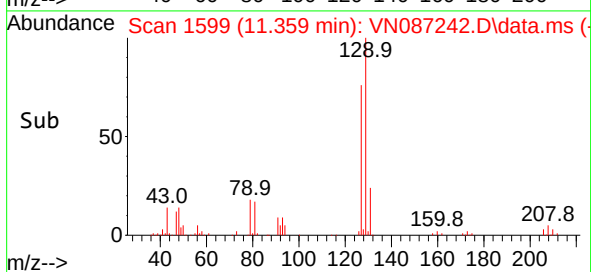
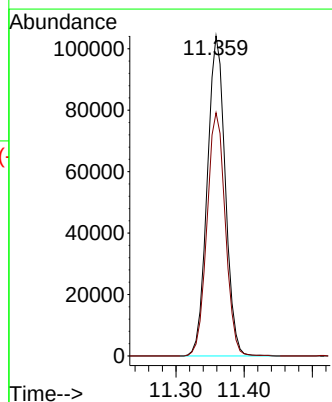
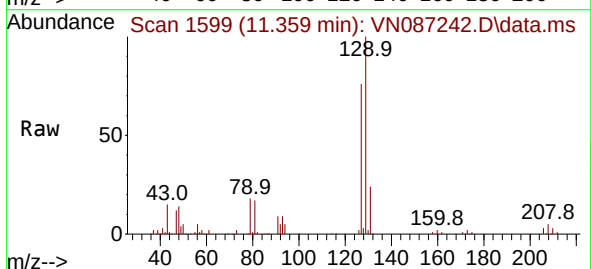
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

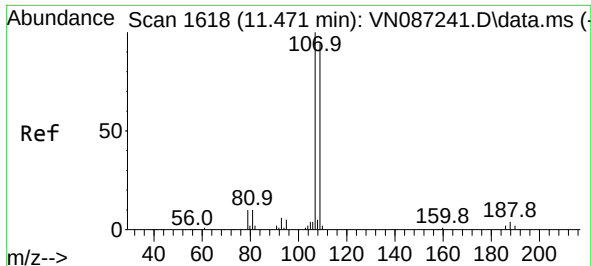
Tgt Ion: 43 Resp: 822906
Ion Ratio Lower Upper
43 100
58 59.2 31.1 93.3



#60
Dibromochloromethane
Concen: 107.811 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 129 Resp: 191065
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.9

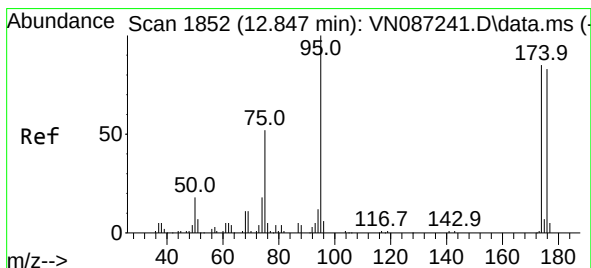
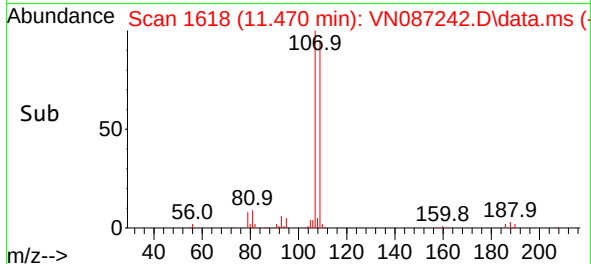
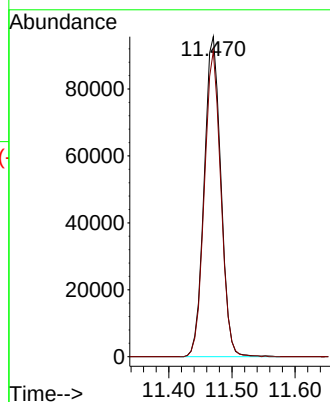
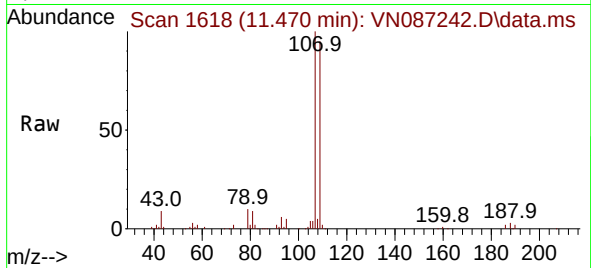




#61
1,2-Dibromoethane
Concen: 108.533 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

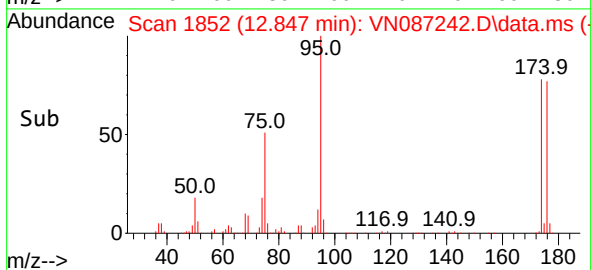
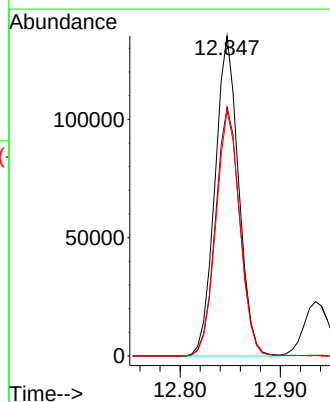
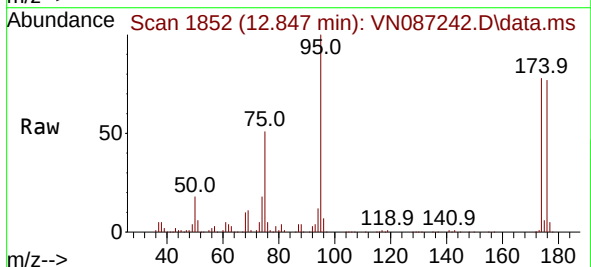
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

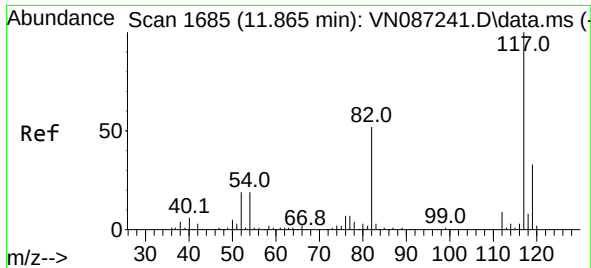
Tgt Ion:107 Resp: 175515
Ion Ratio Lower Upper
107 100
109 94.2 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 110.411 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 95 Resp: 220554
Ion Ratio Lower Upper
95 100
174 80.1 0.0 169.6
176 77.5 0.0 161.6

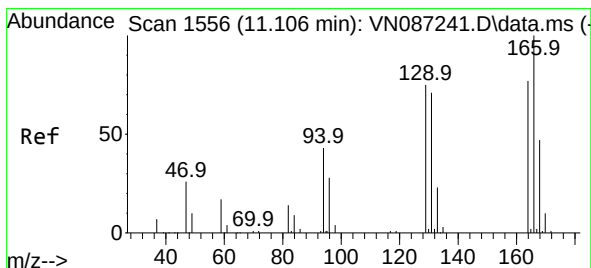
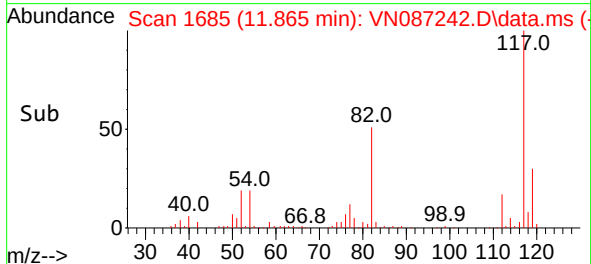
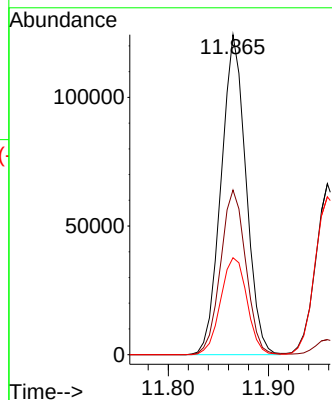
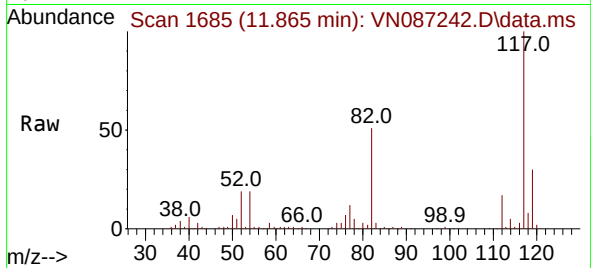




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

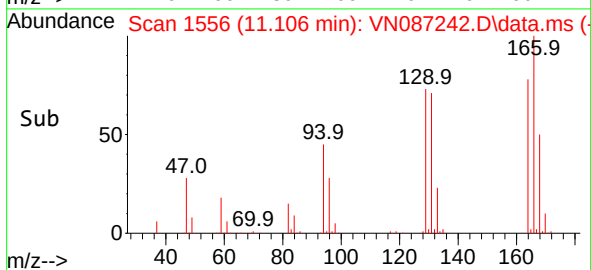
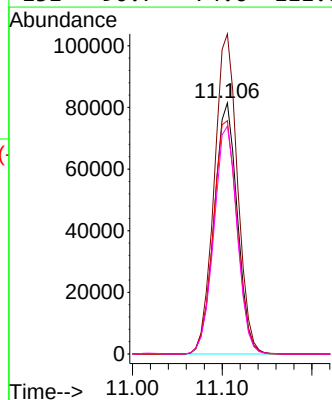
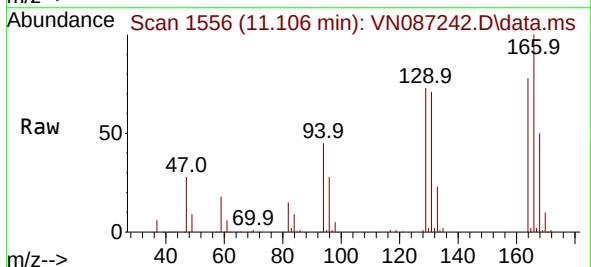
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

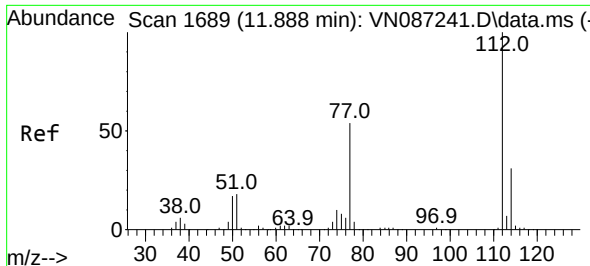
Tgt Ion:117 Resp: 214414
Ion Ratio Lower Upper
117 100
82 51.5 41.9 62.9
119 30.3 26.2 39.4



#64
Tetrachloroethene
Concen: 102.448 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion:164 Resp: 146461
Ion Ratio Lower Upper
164 100
166 127.5 104.3 156.5
129 92.9 78.5 117.7
131 90.7 74.6 111.8

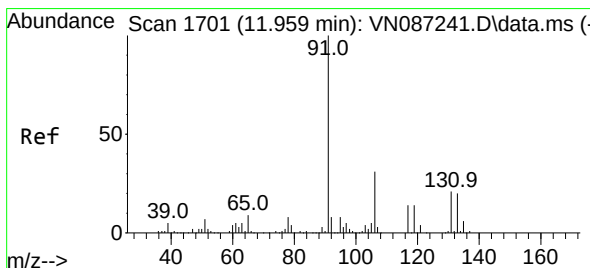
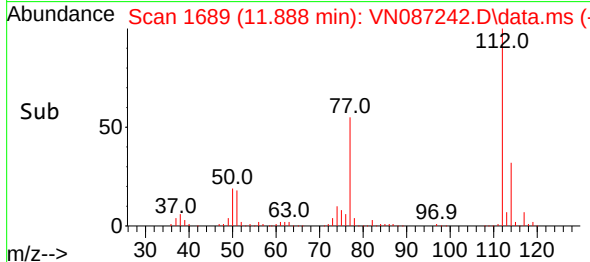
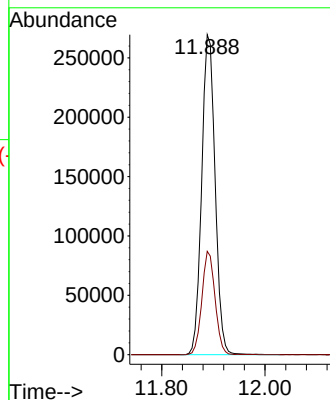
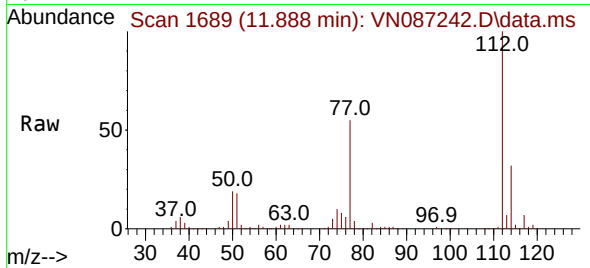




#65
Chlorobenzene
Concen: 100.836 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

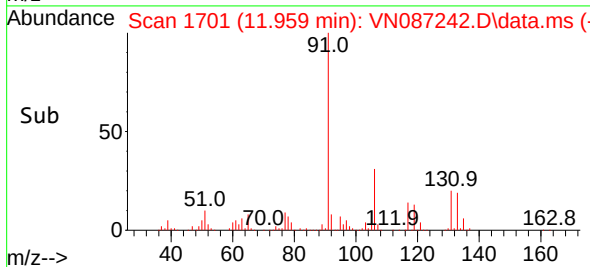
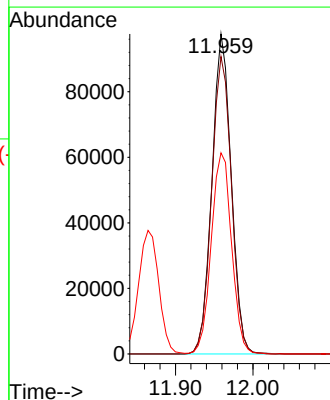
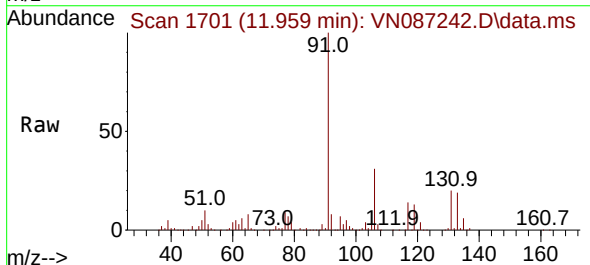
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

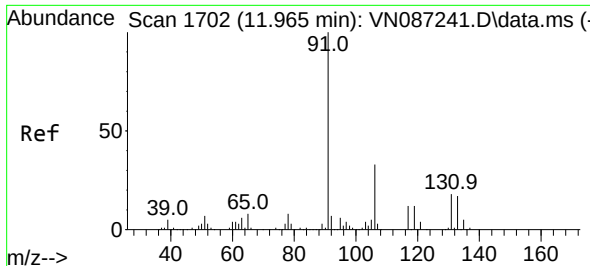
Tgt Ion:112 Resp: 485134
Ion Ratio Lower Upper
112 100
114 32.3 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 101.715 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion:131 Resp: 168975
Ion Ratio Lower Upper
131 100
133 95.5 47.2 141.6
119 66.2 32.4 97.2

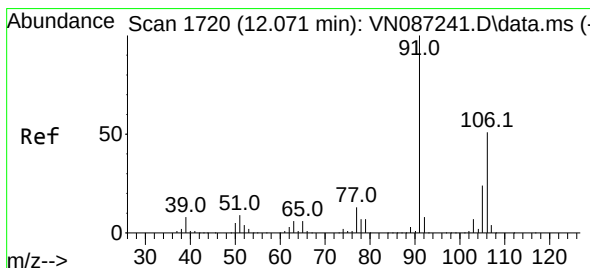
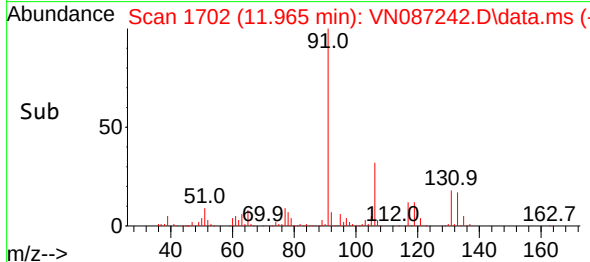
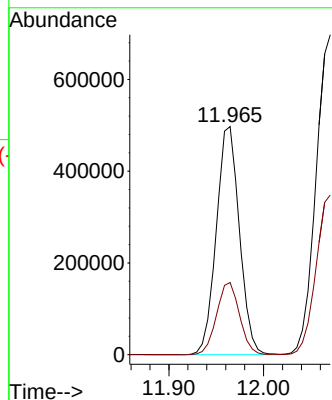
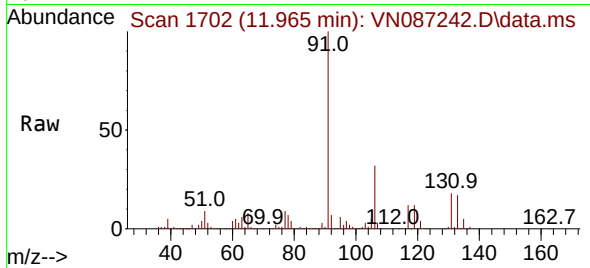




#67
Ethyl Benzene
Concen: 108.422 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

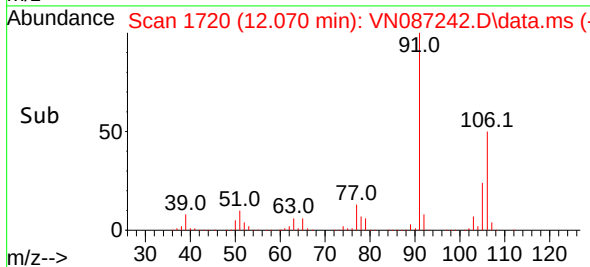
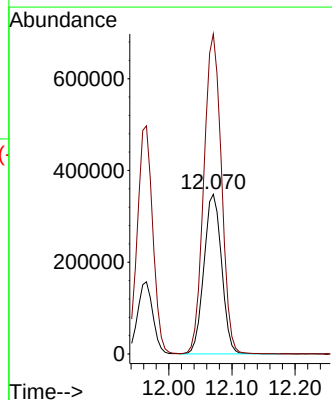
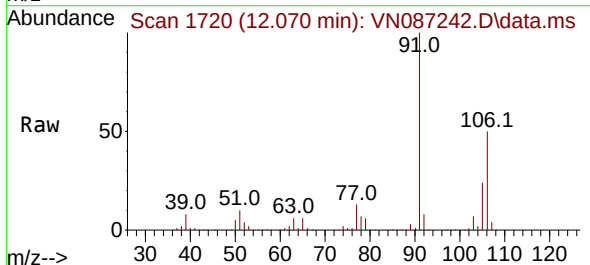
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

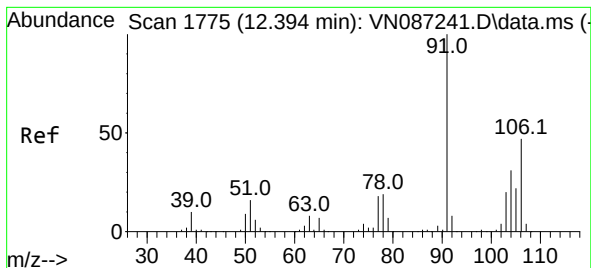
Tgt Ion: 91 Resp: 844081
Ion Ratio Lower Upper
91 100
106 31.6 26.2 39.4



#68
m/p-Xylenes
Concen: 217.101 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion:106 Resp: 675274
Ion Ratio Lower Upper
106 100
91 199.4 158.2 237.2





#69

o-Xylene

Concen: 110.716 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

Instrument :

MSVOA_N

ClientSampleId :

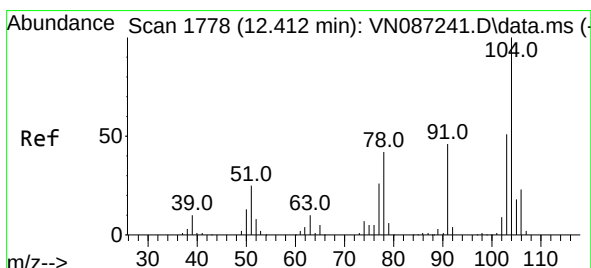
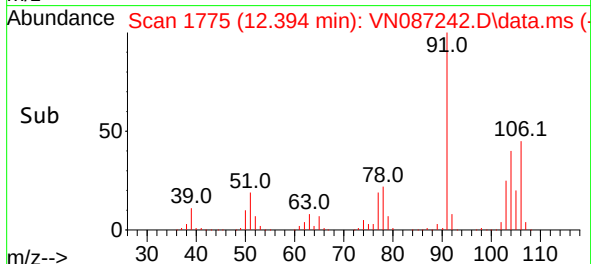
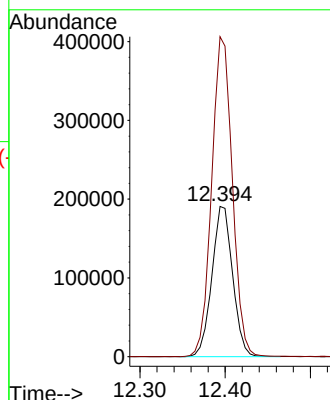
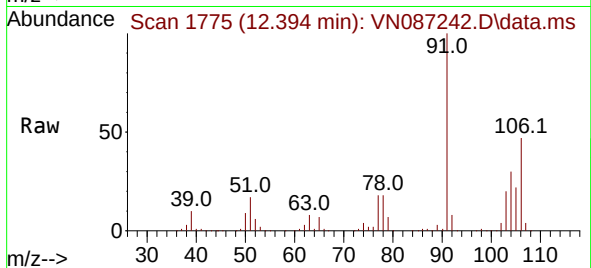
VSTDICC100

Tgt Ion:106 Resp: 322141

Ion Ratio Lower Upper

106 100

91 212.7 105.4 316.1



#70

Styrene

Concen: 113.823 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

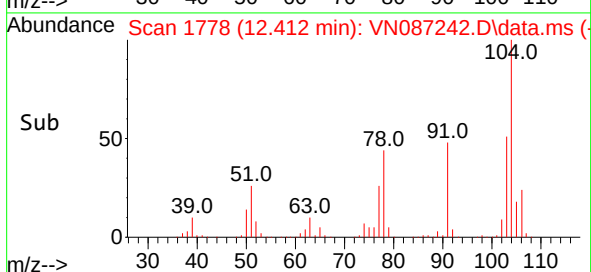
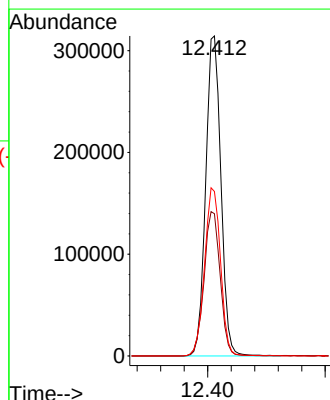
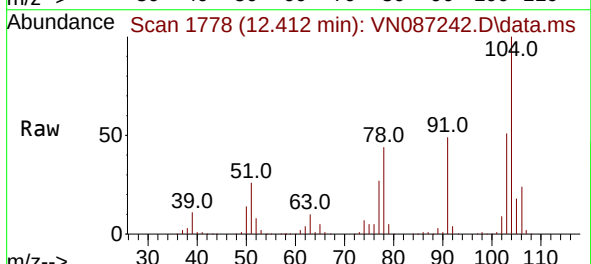
Tgt Ion:104 Resp: 562835

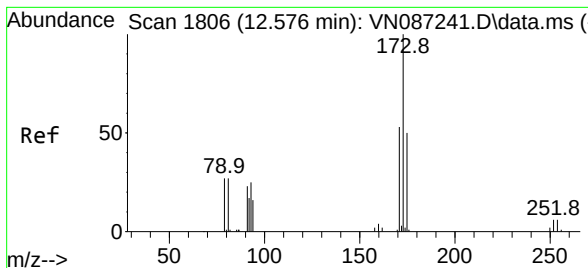
Ion Ratio Lower Upper

104 100

78 47.9 37.6 56.4

103 55.2 44.0 66.0





#71

Bromoform

Concen: 108.970 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

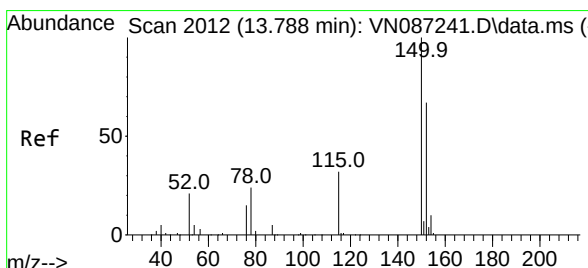
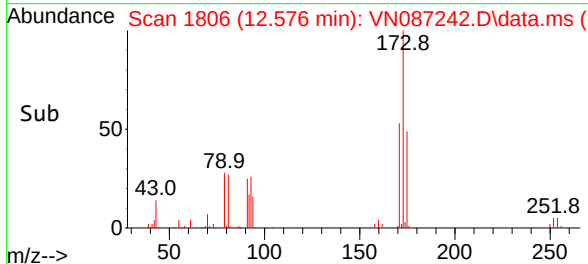
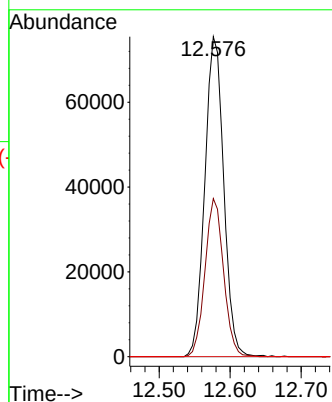
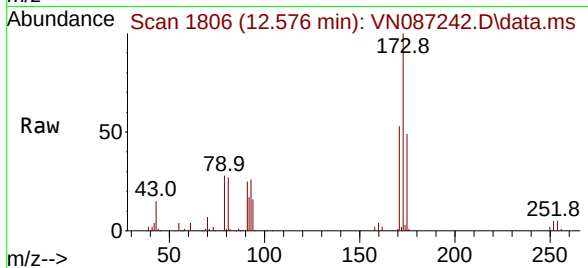
Tgt Ion:173 Resp: 139662

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

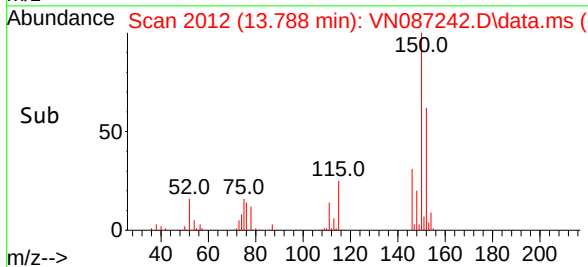
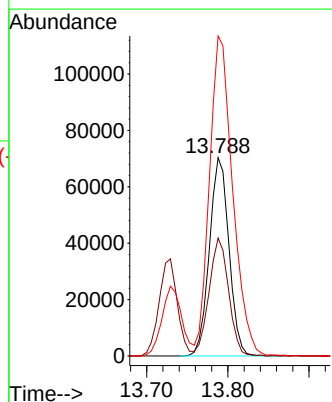
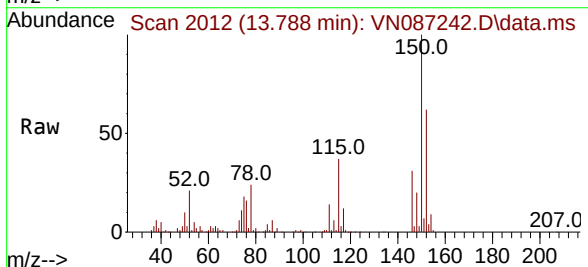
Tgt Ion:152 Resp: 117549

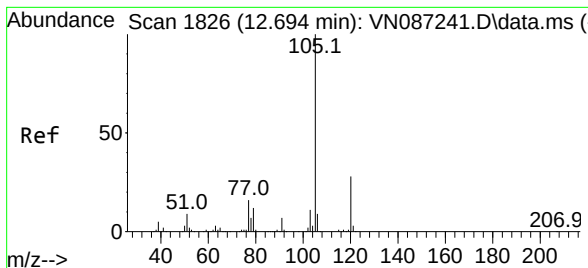
Ion Ratio Lower Upper

152 100

115 59.3 28.3 84.9

150 191.4 0.0 344.6





#73

Isopropylbenzene

Concen: 108.899 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

Instrument :

MSVOA_N

ClientSampleId :

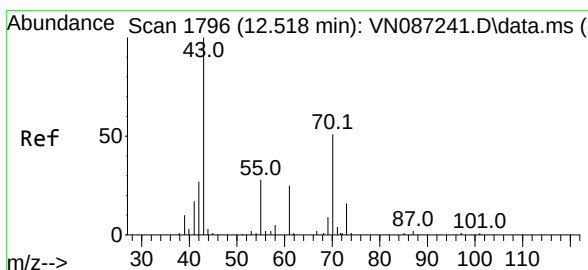
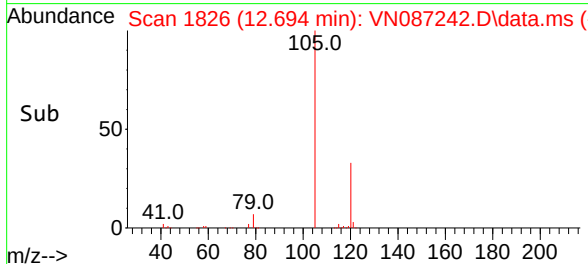
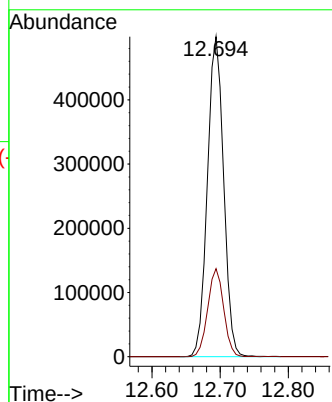
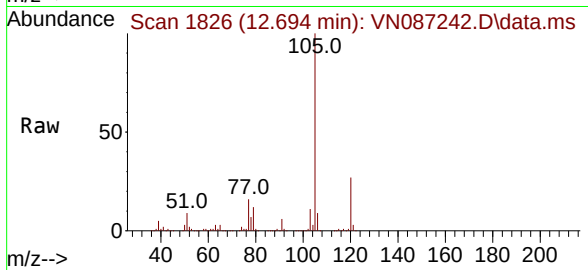
VSTDIC100

Tgt Ion:105 Resp: 824817

Ion Ratio Lower Upper

105 100

120 27.0 13.9 41.6



#74

N-ethyl acetate

Concen: 102.193 ug/l

RT: 12.506 min Scan# 1794

Delta R.T. -0.012 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

Tgt Ion: 43 Resp: 261839

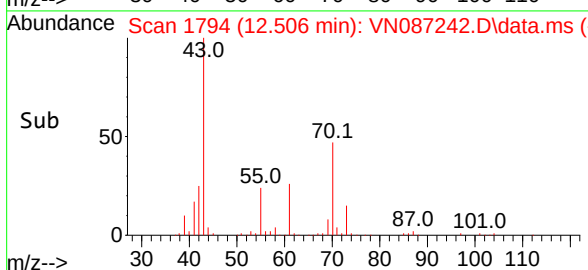
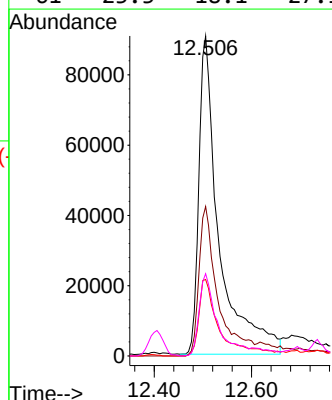
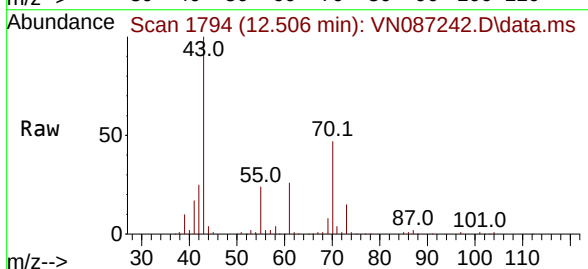
Ion Ratio Lower Upper

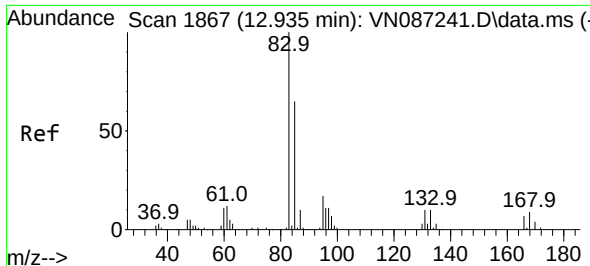
43 100

70 44.0 29.2 43.8

55 24.9 17.0 25.4

61 23.3 18.1 27.1

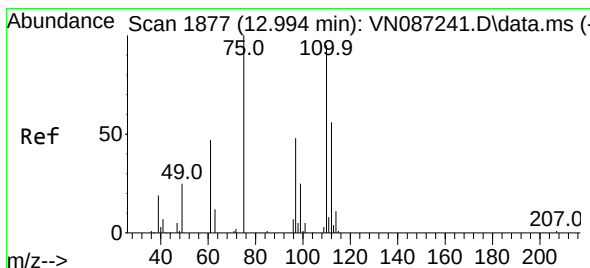
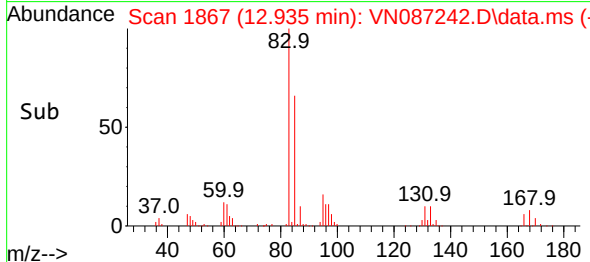
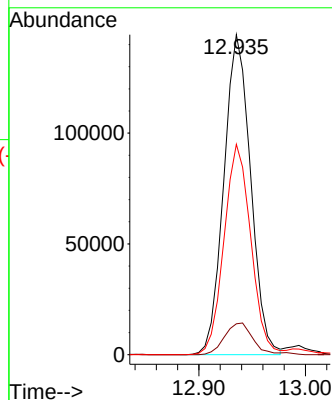
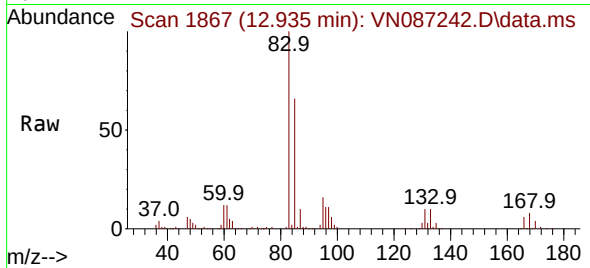




#75
 1,1,2,2-Tetrachloroethane
 Concen: 101.292 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN087242.D
 Acq: 30 Jun 2025 14:30

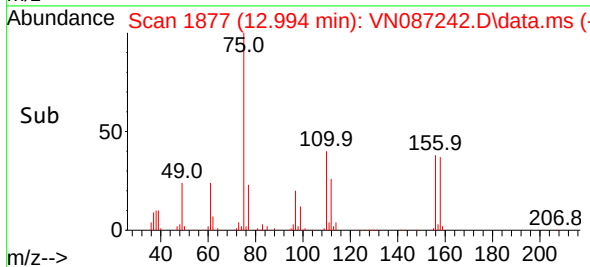
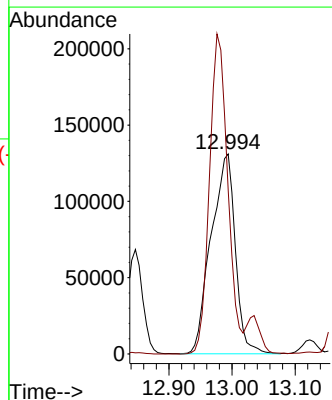
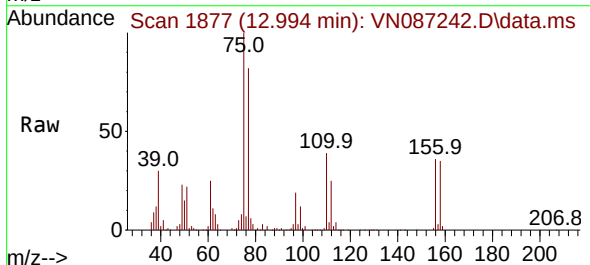
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

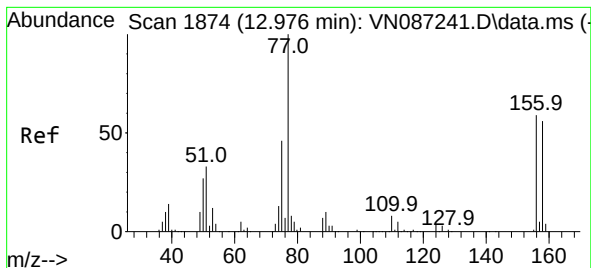
Tgt Ion: 83 Resp: 252353
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.3 15.9
 85 65.6 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 154.407 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN087242.D
 Acq: 30 Jun 2025 14:30

Tgt Ion: 75 Resp: 348094
 Ion Ratio Lower Upper
 75 100
 77 121.2 82.0 245.8





#77

Bromobenzene

Concen: 104.345 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN087242.D

Acq: 30 Jun 2025 14:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

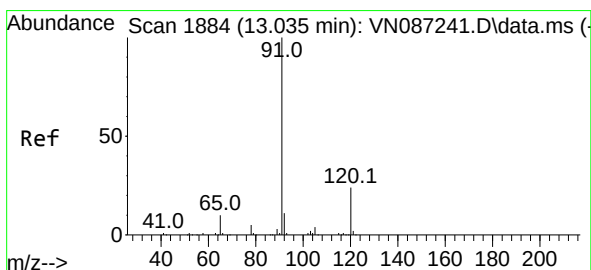
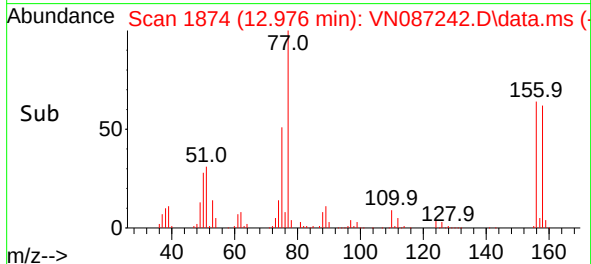
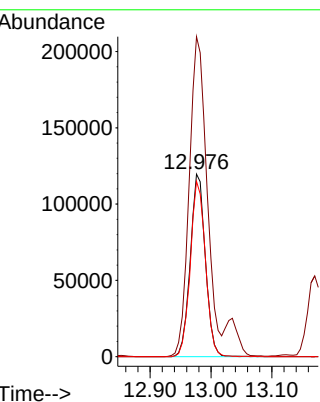
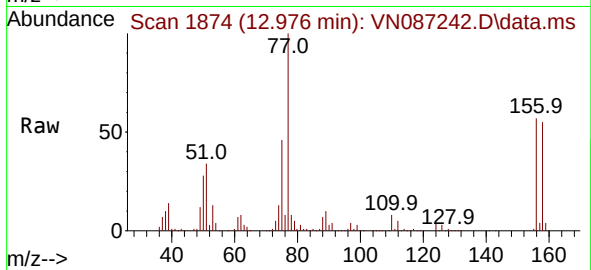
Tgt Ion:156 Resp: 206307

Ion Ratio Lower Upper

156 100

77 204.6 98.0 294.1

158 96.1 47.7 143.1



#78

n-propylbenzene

Concen: 108.287 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN087242.D

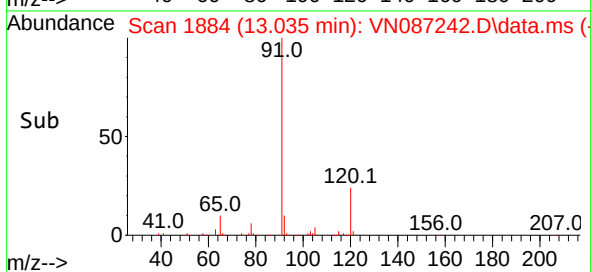
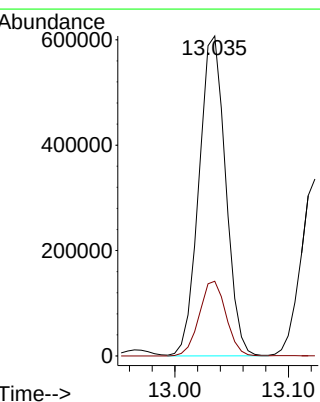
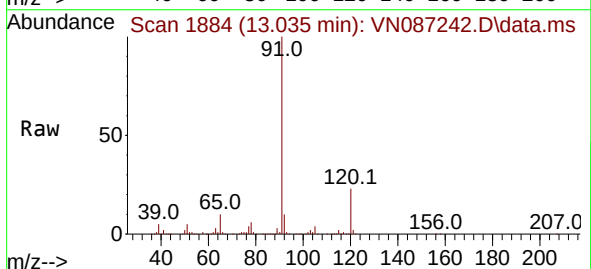
Acq: 30 Jun 2025 14:30

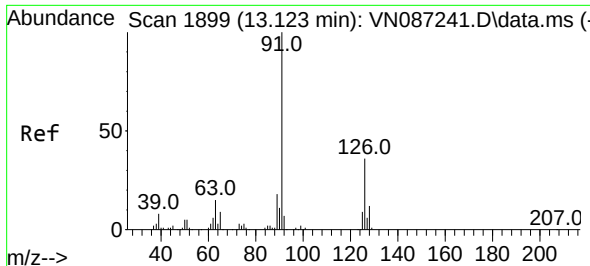
Tgt Ion: 91 Resp: 990721

Ion Ratio Lower Upper

91 100

120 23.4 12.0 36.0

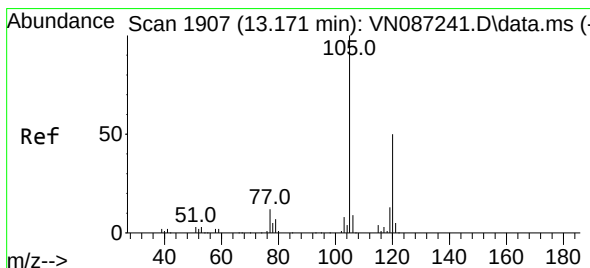
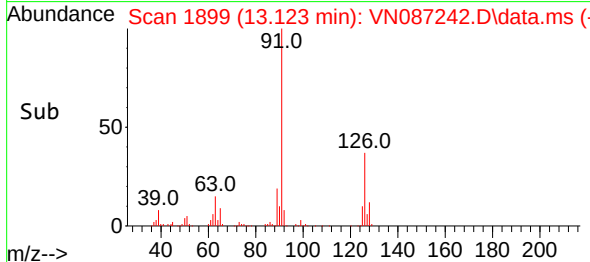
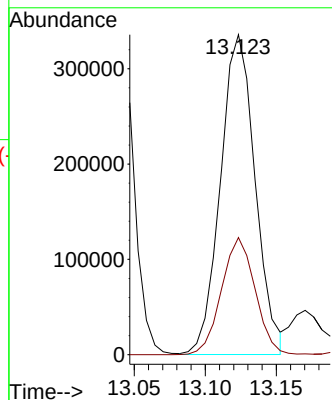
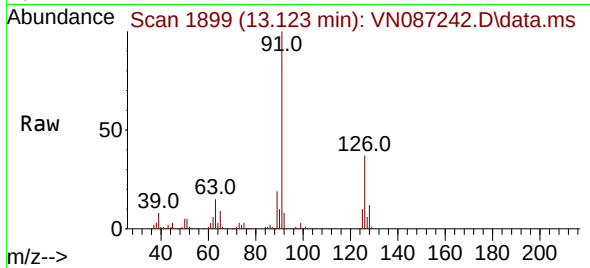




#79
2-Chlorotoluene
Concen: 104.743 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

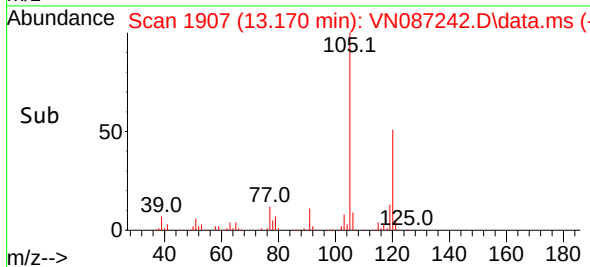
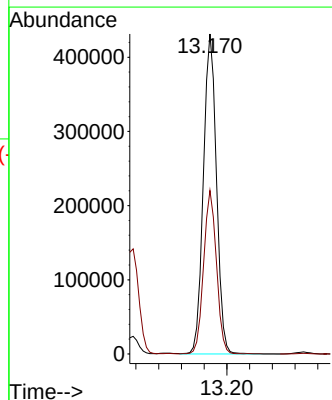
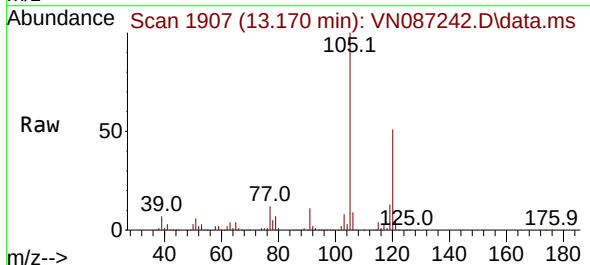
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

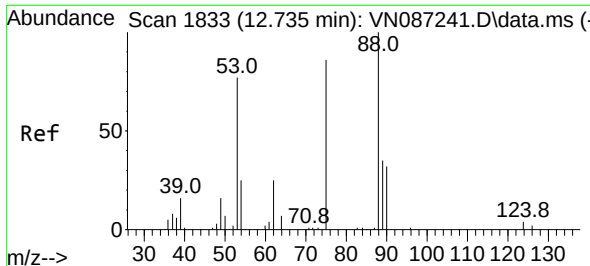
Tgt Ion: 91 Resp: 570319
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 108.826 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 105 Resp: 688975
Ion Ratio Lower Upper
105 100
120 49.8 25.3 75.8

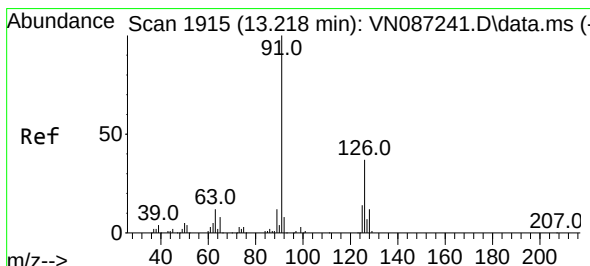
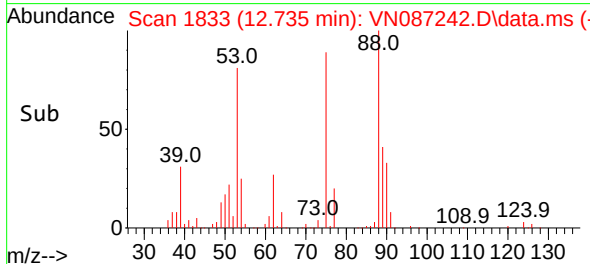
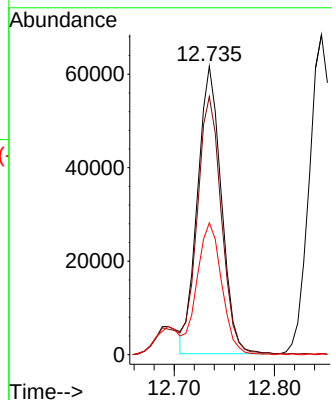
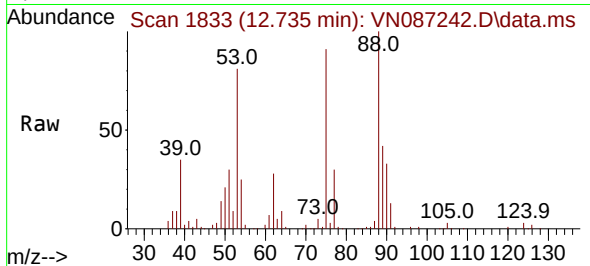




#81
trans-1,4-Dichloro-2-butene
Concen: 106.663 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

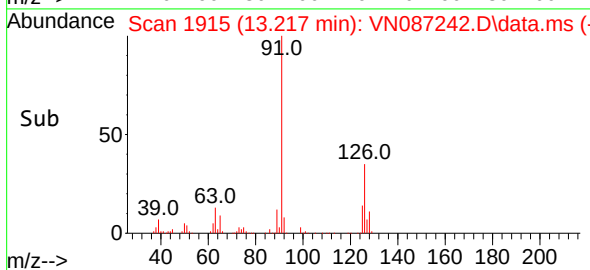
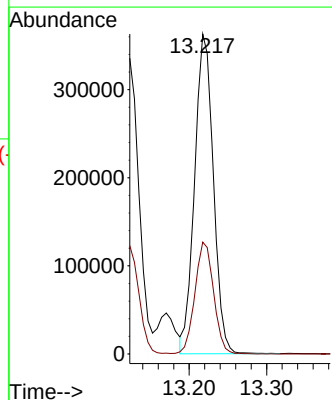
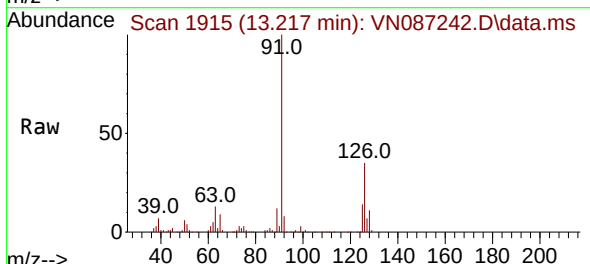
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

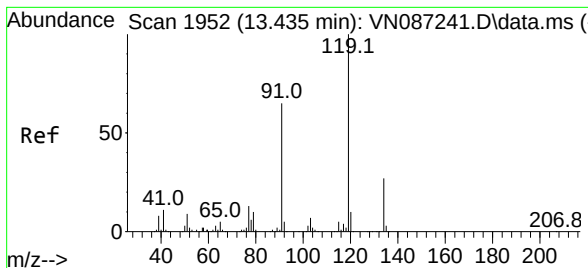
Tgt Ion: 75 Resp: 101531
Ion Ratio Lower Upper
75 100
53 91.1 70.6 105.8
89 48.1 36.1 54.1



#82
4-Chlorotoluene
Concen: 106.689 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.001 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 91 Resp: 608108
Ion Ratio Lower Upper
91 100
126 35.1 18.2 54.6

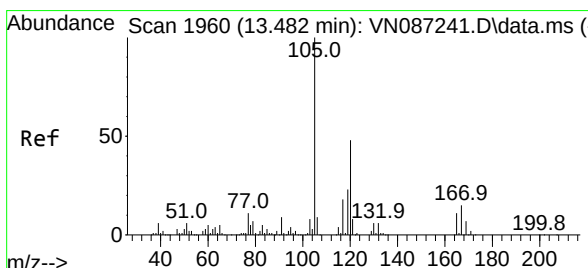
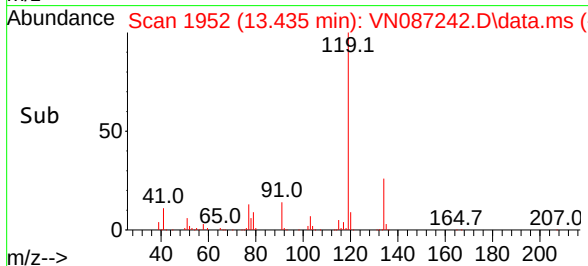
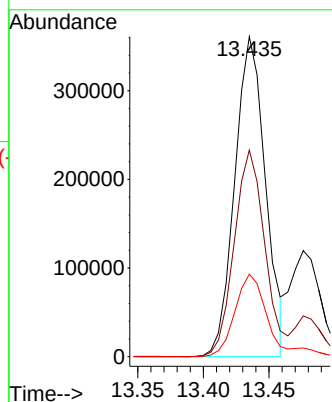
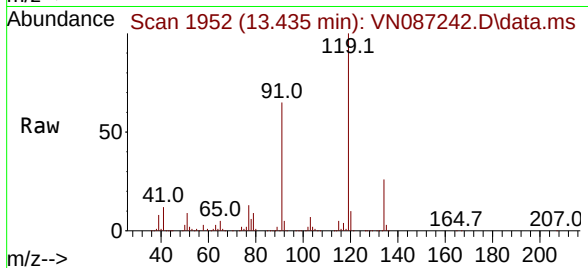




#83
 tert-Butylbenzene
 Concen: 105.942 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN087242.D
 Acq: 30 Jun 2025 14:30

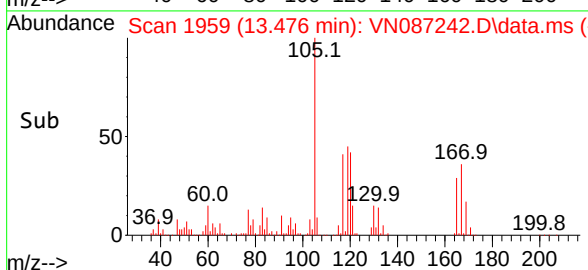
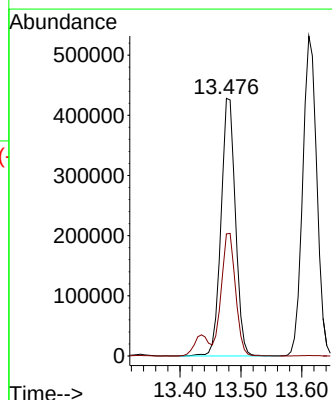
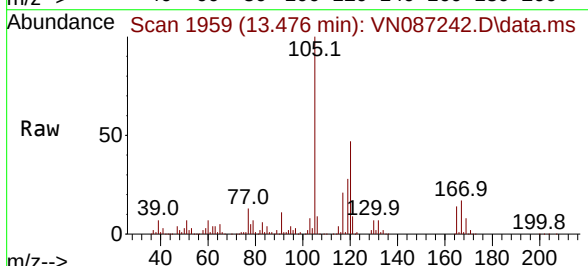
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

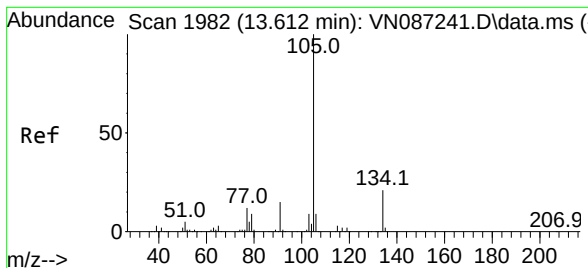
Tgt Ion:119 Resp: 587629
 Ion Ratio Lower Upper
 119 100
 91 64.7 32.5 97.4
 134 27.9 14.2 42.8



#84
 1,2,4-Trimethylbenzene
 Concen: 110.786 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.006 min
 Lab File: VN087242.D
 Acq: 30 Jun 2025 14:30

Tgt Ion:105 Resp: 702592
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.3 69.9

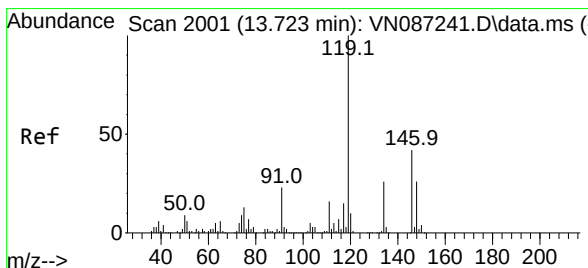
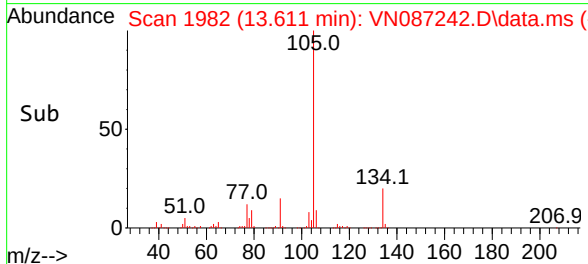
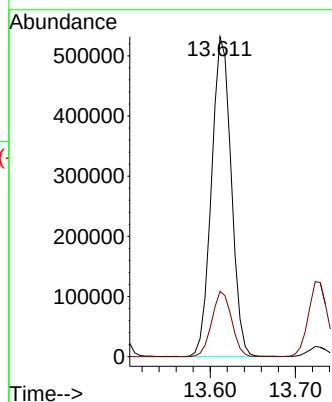
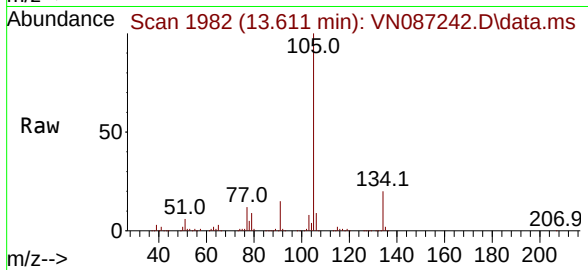




#85
 sec-Butylbenzene
 Concen: 108.662 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087242.D
 Acq: 30 Jun 2025 14:30

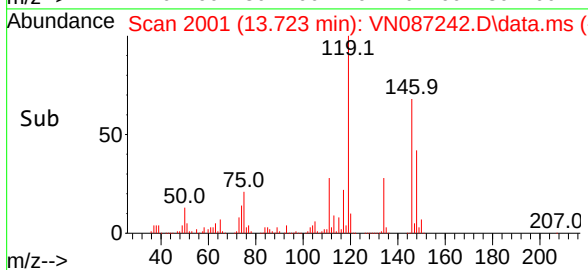
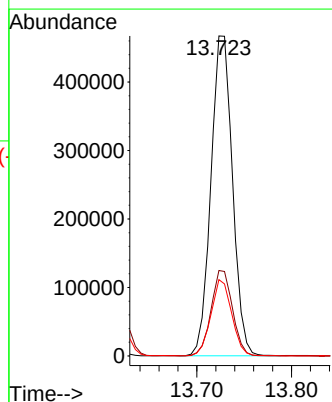
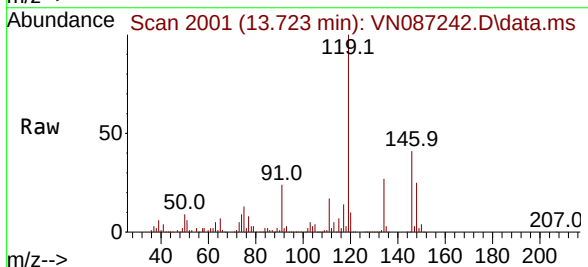
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

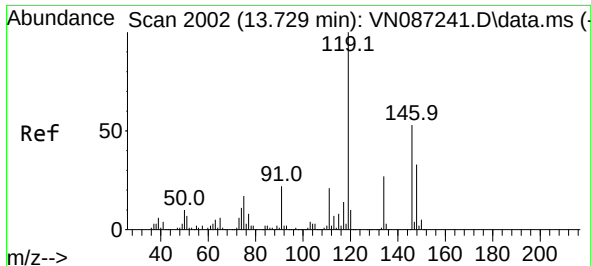
Tgt Ion:105 Resp: 854334
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 109.045 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN087242.D
 Acq: 30 Jun 2025 14:30

Tgt Ion:119 Resp: 736941
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 23.0 11.3 33.9

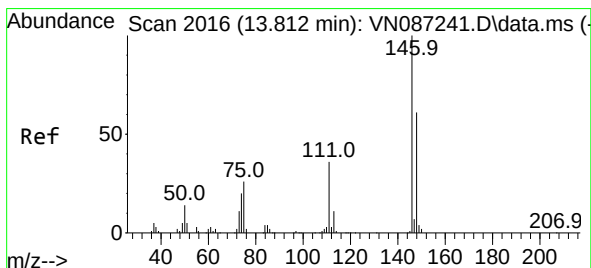
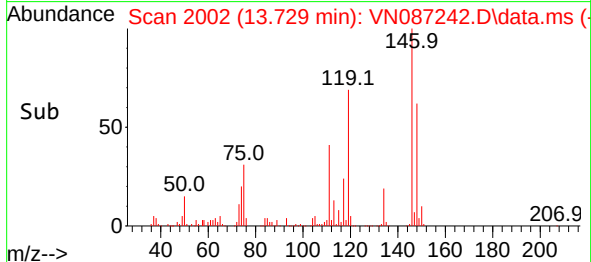
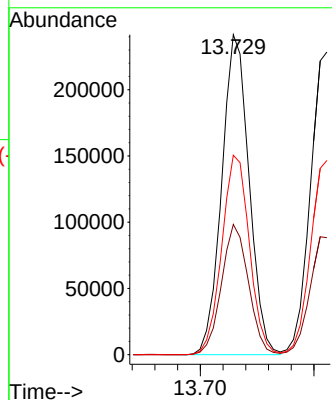
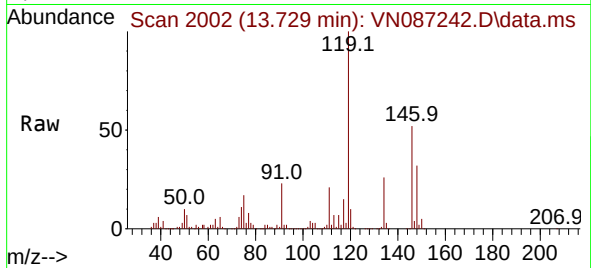




#87
1,3-Dichlorobenzene
Concen: 102.457 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

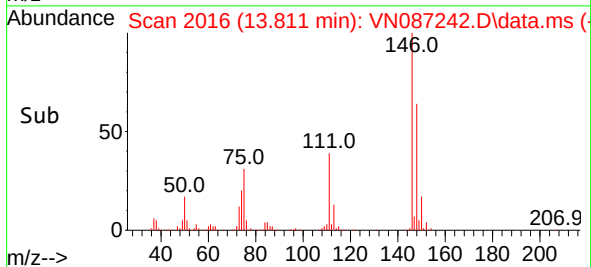
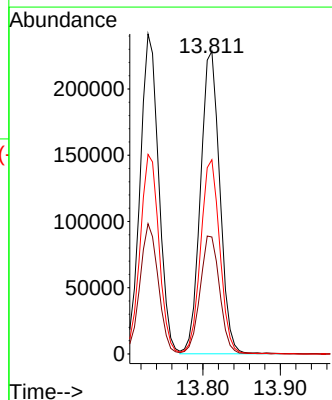
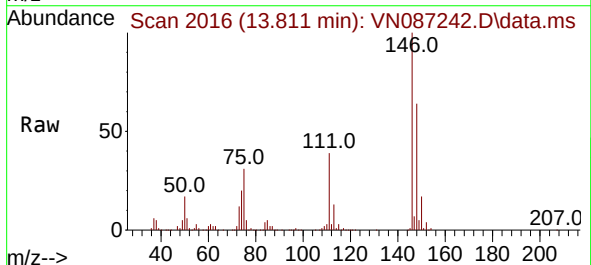
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

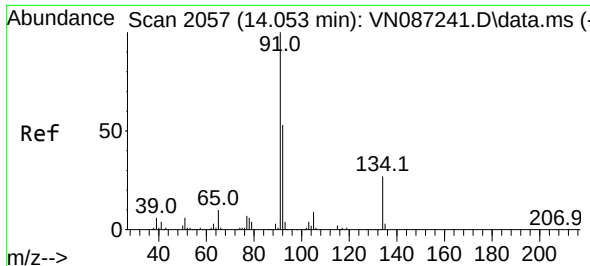
Tgt Ion:146 Resp: 403426
Ion Ratio Lower Upper
146 100
111 40.2 19.8 59.4
148 63.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 96.060 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion:146 Resp: 394932
Ion Ratio Lower Upper
146 100
111 39.0 19.1 57.5
148 63.8 31.8 95.3

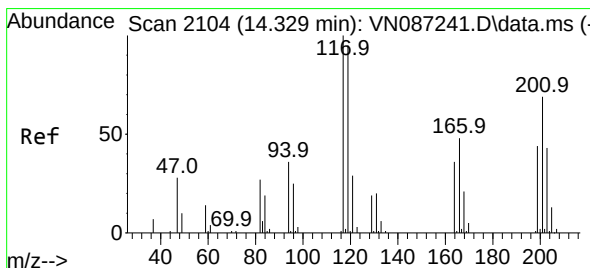
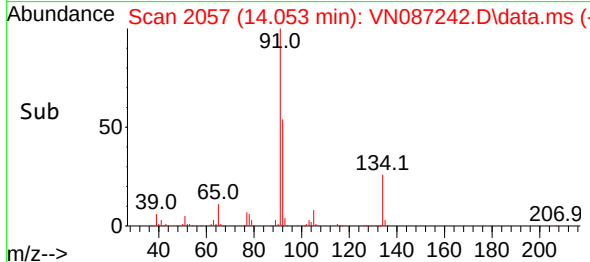
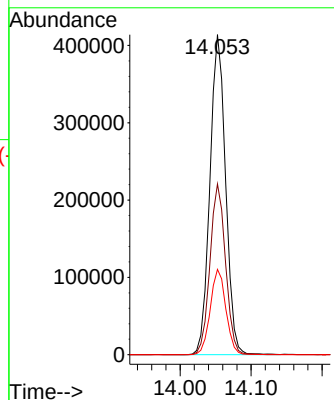
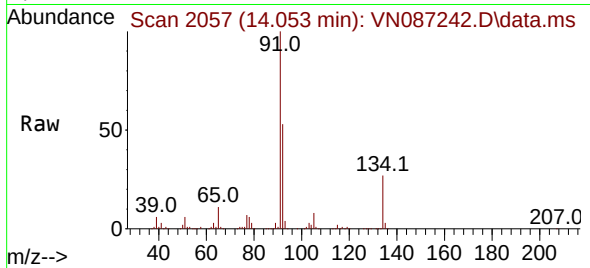




#89
n-Butylbenzene
Concen: 106.723 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

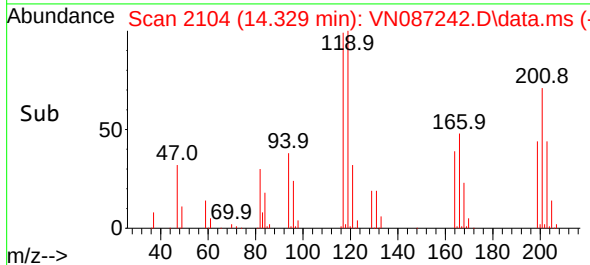
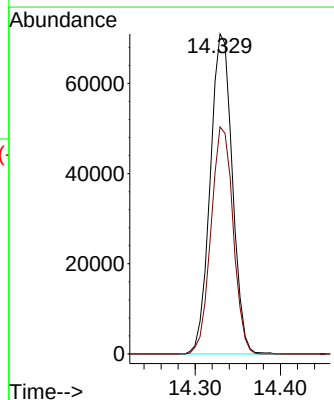
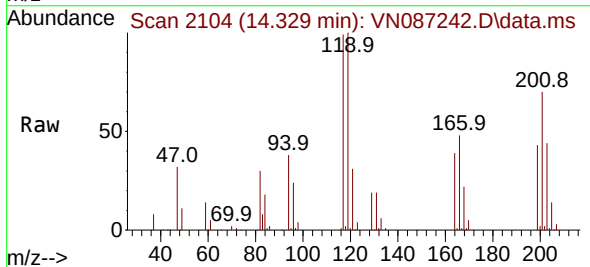
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

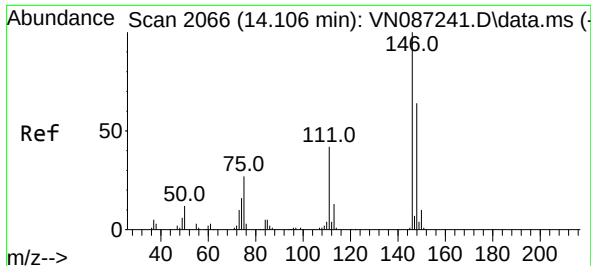
Tgt Ion: 91 Resp: 635021
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.0
134 26.5 13.7 41.1



#90
Hexachloroethane
Concen: 102.100 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 117 Resp: 127720
Ion Ratio Lower Upper
117 100
201 70.9 35.8 107.4

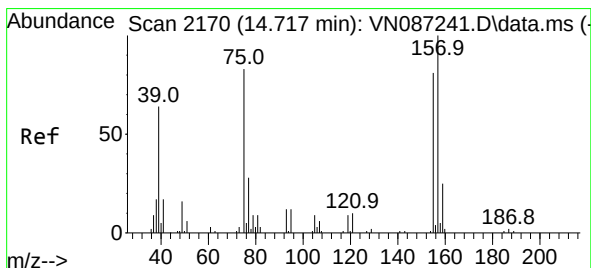
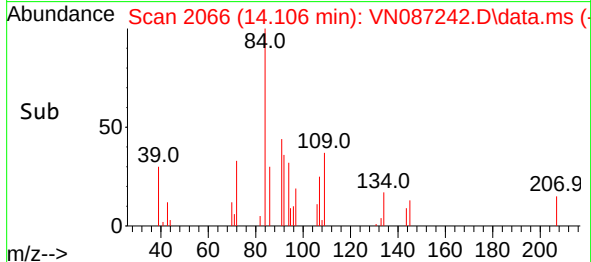
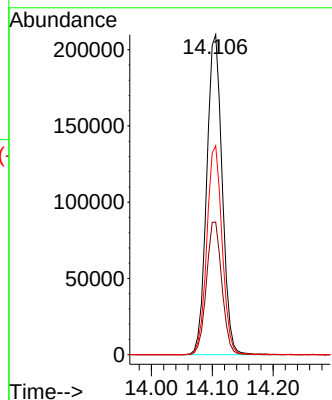
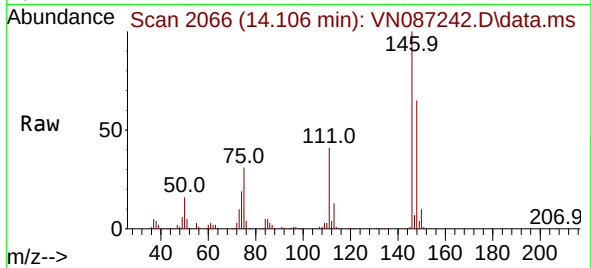




#91
1,2-Dichlorobenzene
Concen: 100.413 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

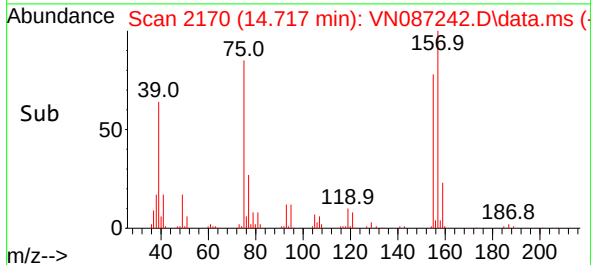
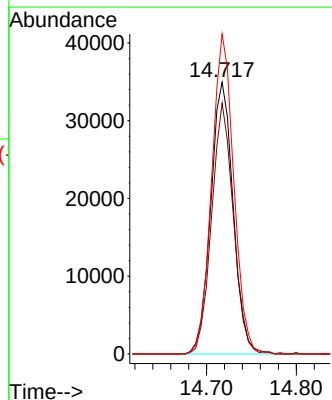
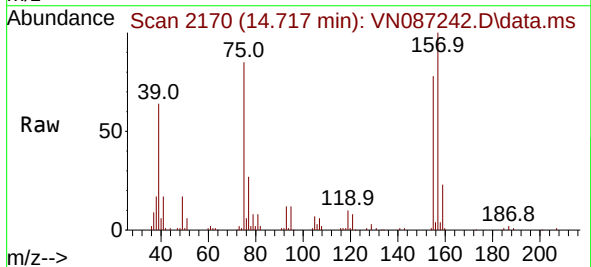
Instrument :
MSVOA_N
ClientSampleId :
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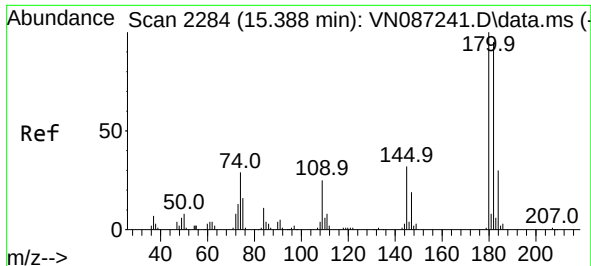
Tgt Ion:146 Resp: 369767
Ion Ratio Lower Upper
146 100
111 41.5 20.5 61.6
148 64.6 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 101.059 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion: 75 Resp: 60505
Ion Ratio Lower Upper
75 100
155 89.8 46.8 140.3
157 116.4 58.1 174.4

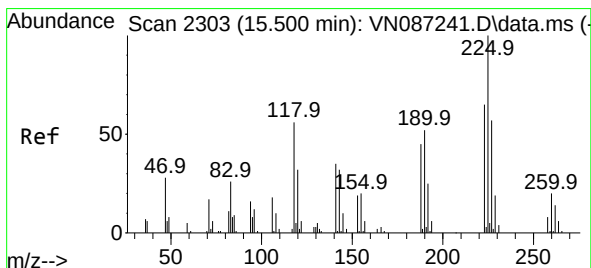
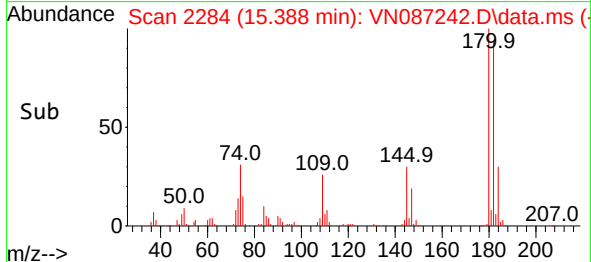
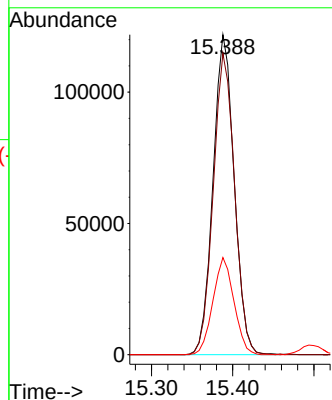
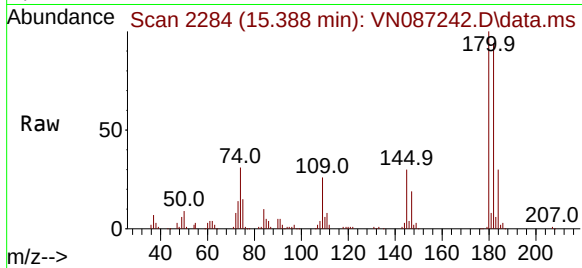




#93
 1,2,4-Trichlorobenzene
 Concen: 101.080 ug/l
 RT: 15.388 min Scan# 2115
 Delta R.T. -0.000 min
 Lab File: VN087242.D
 Acq: 30 Jun 2025 14:30

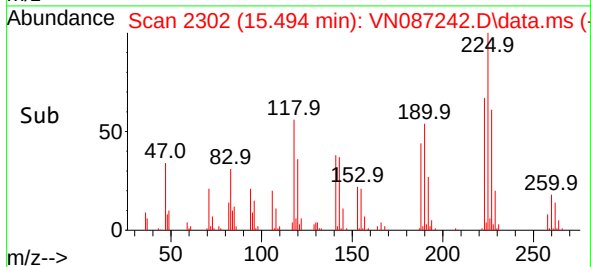
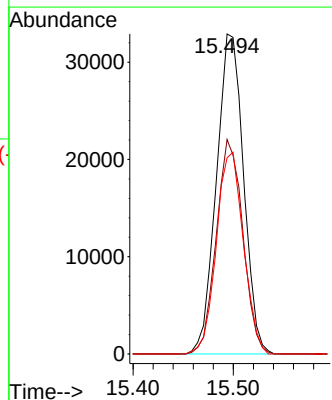
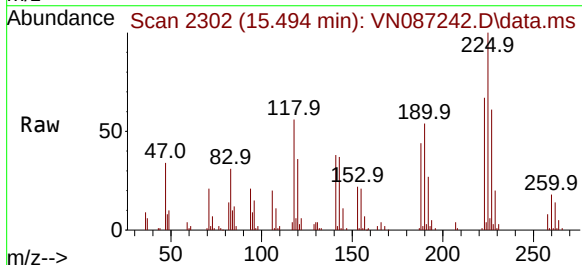
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

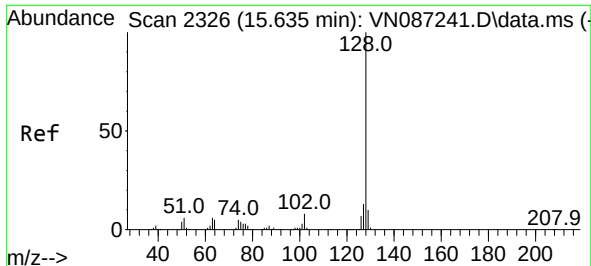
Tgt Ion:180 Resp: 220115
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.0 144.0
 145 30.3 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 89.269 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN087242.D
 Acq: 30 Jun 2025 14:30

Tgt Ion:225 Resp: 61751
 Ion Ratio Lower Upper
 225 100
 223 65.5 33.5 100.4
 227 62.9 30.9 92.7

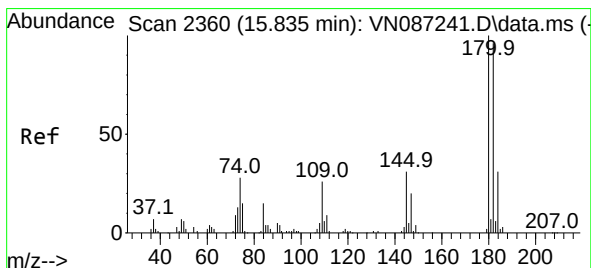
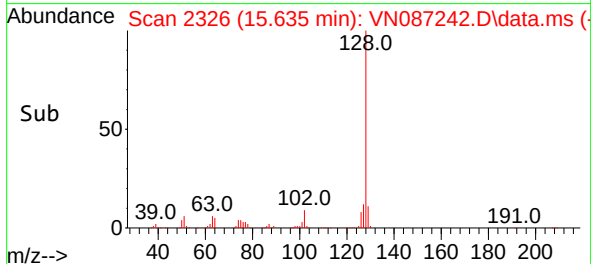
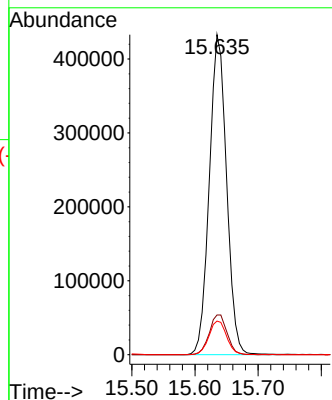
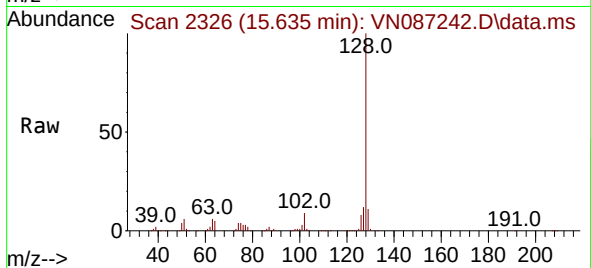




#95
Naphthalene
Concen: 109.024 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 821381
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 101.643 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087242.D
Acq: 30 Jun 2025 14:30

Tgt Ion:180 Resp: 215640
Ion Ratio Lower Upper
180 100
182 95.2 47.7 143.1
145 32.4 15.7 47.1

