

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087202.D
 Acq On : 26 Jun 2025 18:18
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 27 05:22:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	189074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	343180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	282734	103.910	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 207.820%#	
35) Dibromofluoromethane	8.171	113	222340	100.212	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 200.420%#	
50) Toluene-d8	10.565	98	907457	98.891	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 197.780%#	
62) 4-Bromofluorobenzene	12.847	95	313813	98.556	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 197.120%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	231259	97.606	ug/l	98
3) Chloromethane	2.395	50	222774	96.294	ug/l	96
4) Vinyl Chloride	2.553	62	244389	97.761	ug/l	100
5) Bromomethane	2.977	94	119492	89.067	ug/l	98
6) Chloroethane	3.147	64	117955	90.298	ug/l	98
7) Trichlorofluoromethane	3.524	101	279728	93.969	ug/l	98
8) Diethyl Ether	3.983	74	102174	77.162	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	199196	97.089	ug/l	99
10) Methyl Iodide	4.618	142	197516	106.575	ug/l	96
11) Tert butyl alcohol	5.536	59	249160	415.599	ug/l	99
12) 1,1-Dichloroethene	4.365	96	203525	91.762	ug/l	94
13) Acrolein	4.200	56	219814	444.689	ug/l	100
14) Allyl chloride	5.047	41	346927	98.514	ug/l	98
15) Acrylonitrile	5.736	53	755049	490.544	ug/l	99
16) Acetone	4.447	43	621040	503.506	ug/l	98
17) Carbon Disulfide	4.736	76	602301	98.728	ug/l	100
18) Methyl Acetate	5.047	43	320646	98.650	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	736860	96.454	ug/l	99
20) Methylene Chloride	5.294	84	209621	89.900	ug/l	93
21) trans-1,2-Dichloroethene	5.806	96	224446	91.243	ug/l	98
22) Diisopropyl ether	6.683	45	777048	98.380	ug/l	98
23) Vinyl Acetate	6.618	43	3535866	500.607	ug/l	99
24) 1,1-Dichloroethane	6.583	63	452441	96.988	ug/l	100
25) 2-Butanone	7.488	43	1069886	518.629	ug/l	100
26) 2,2-Dichloropropane	7.500	77	371089	100.073	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	288207	100.768	ug/l	99
28) Bromochloromethane	7.824	49	213748	104.230	ug/l	99
29) Tetrahydrofuran	7.841	42	703671	520.262	ug/l	99
30) Chloroform	7.971	83	429252	97.552	ug/l	99
31) Cyclohexane	8.265	56	413264	98.104	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	369535	97.750	ug/l	98
36) 1,1-Dichloropropene	8.377	75	327699	100.837	ug/l	99
37) Ethyl Acetate	7.571	43	410211	100.307	ug/l	99
38) Carbon Tetrachloride	8.371	117	313156	98.942	ug/l	98
39) Methylcyclohexane	9.600	83	390485	98.482	ug/l	98
40) Benzene	8.612	78	1018983	101.480	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	220179	103.520	ug/l	99
42) 1,2-Dichloroethane	8.671	62	323063	98.967	ug/l	98
43) Isopropyl Acetate	8.694	43	627098	104.961	ug/l	98
44) Trichloroethene	9.353	130	229067	95.279	ug/l	98
45) 1,2-Dichloropropane	9.624	63	242812	93.814	ug/l	99
46) Dibromomethane	9.712	93	169948	96.892	ug/l	100
47) Bromodichloromethane	9.888	83	343370	97.474	ug/l	99
48) Methyl methacrylate	9.682	41	294217	101.856	ug/l	98
49) 1,4-Dioxane	9.700	88	85107	2004.641	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	1964664	492.637	ug/l	99
52) Toluene	10.629	92	632561	98.540	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	391177	99.590	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	415729	99.474	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	233977	96.374	ug/l	97
56) Ethyl methacrylate	10.876	69	409710	100.670	ug/l	99
57) 1,3-Dichloropropane	11.165	76	417372	97.306	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1158769	529.046	ug/l	98
59) 2-Hexanone	11.200	43	1356383	510.308	ug/l	97
60) Dibromochloromethane	11.359	129	258980	98.087	ug/l	99
61) 1,2-Dibromoethane	11.470	107	248616	96.877	ug/l	98
64) Tetrachloroethene	11.100	164	196864	102.793	ug/l	98
65) Chlorobenzene	11.888	112	686925	98.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	222133	100.199	ug/l	99
67) Ethyl Benzene	11.959	91	1198963	103.579	ug/l	98
68) m/p-Xylenes	12.070	106	937003	211.557	ug/l	98
69) o-Xylene	12.394	106	446273	110.841	ug/l	97
70) Styrene	12.412	104	762764	110.374	ug/l	99
71) Bromoform	12.576	173	171779	104.408	ug/l #	100
73) Isopropylbenzene	12.694	105	1110817	110.356	ug/l	100
74) N-amyl acetate	12.506	43	394633	106.101	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	367954	101.494	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	508963	145.501	ug/l	63
77) Bromobenzene	12.976	156	260023	106.292	ug/l	98
78) n-propylbenzene	13.035	91	1349217	108.828	ug/l	100
79) 2-Chlorotoluene	13.123	91	792357	102.667	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	913429	109.924	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	159408	107.845	ug/l	89
82) 4-Chlorotoluene	13.217	91	816172	106.080	ug/l	100
83) tert-Butylbenzene	13.435	119	772423	108.215	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	920480	109.167	ug/l	100
85) sec-Butylbenzene	13.611	105	1126759	107.147	ug/l	99
86) p-Isopropyltoluene	13.723	119	943846	109.433	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	503280	102.237	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	505455	99.865	ug/l	100
89) n-Butylbenzene	14.053	91	835367	104.247	ug/l	99
90) Hexachloroethane	14.329	117	173255	103.803	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	469960	101.366	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	85807	103.683	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	271823	105.314	ug/l	98
94) Hexachlorobutadiene	15.494	225	80252	98.563	ug/l	99
95) Naphthalene	15.635	128	1097397	112.071	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	262741	103.099	ug/l	99

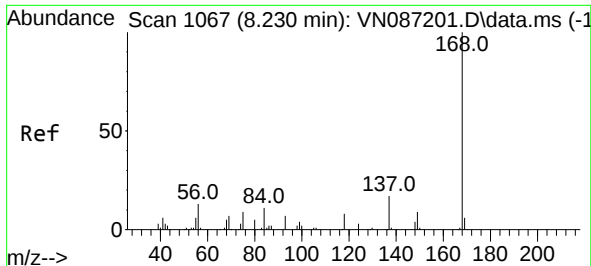
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QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

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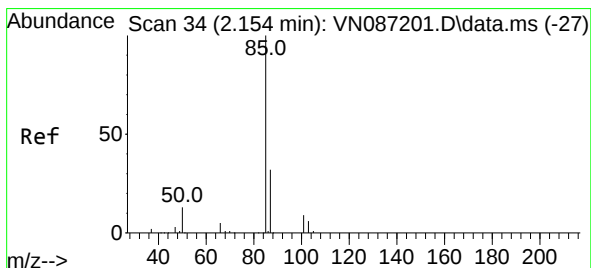
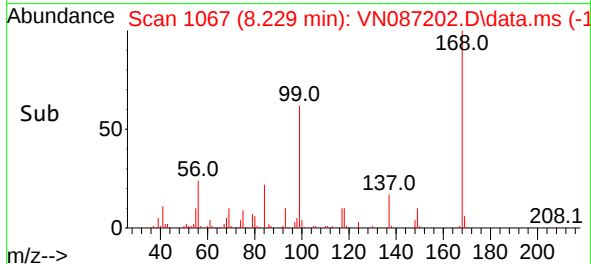
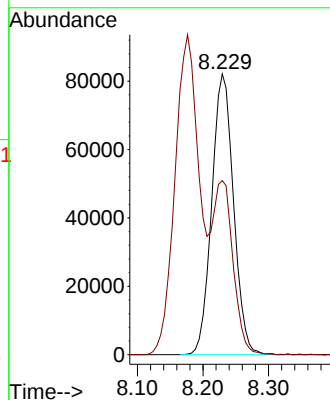
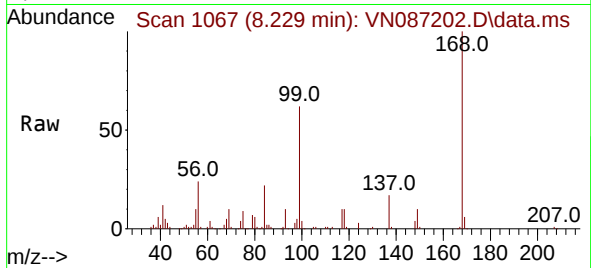
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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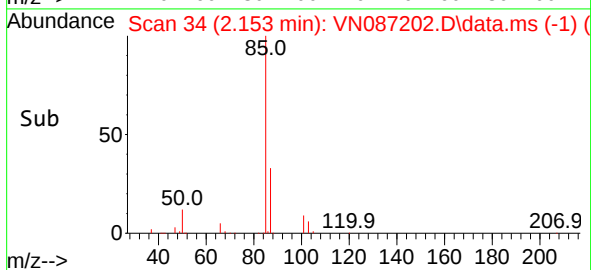
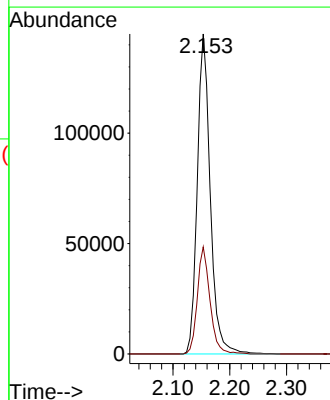
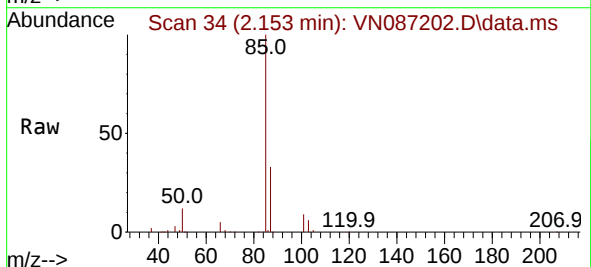
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ClientSampleId :
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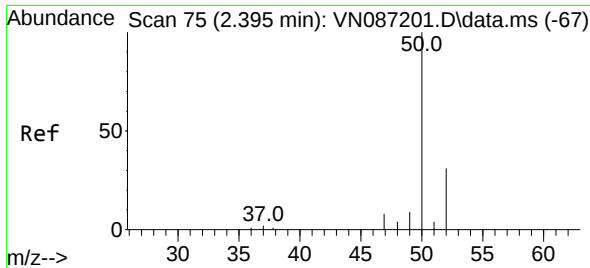
Tgt Ion:168 Resp: 189074
Ion Ratio Lower Upper
168 100
99 61.8 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 97.606 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 85 Resp: 231259
Ion Ratio Lower Upper
85 100
87 33.5 16.1 48.3

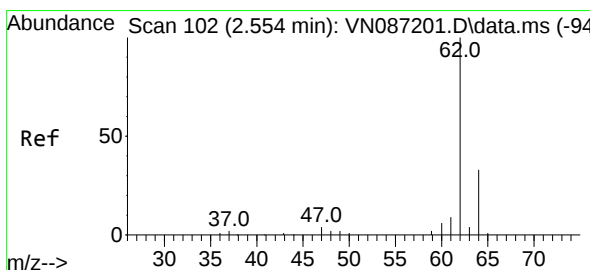
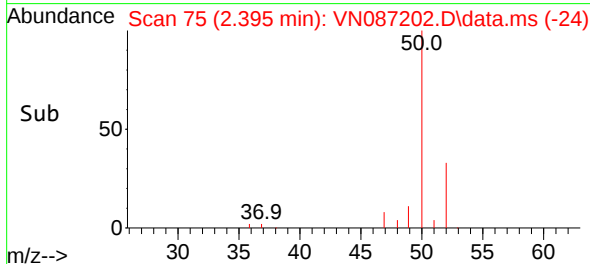
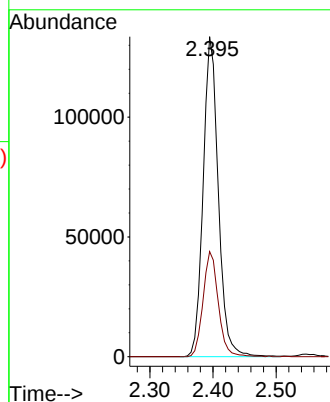
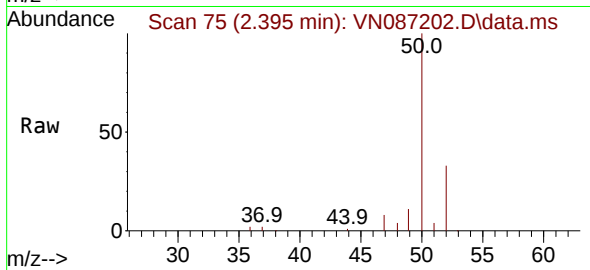




#3
Chloromethane
Concen: 96.294 ug/l
RT: 2.395 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

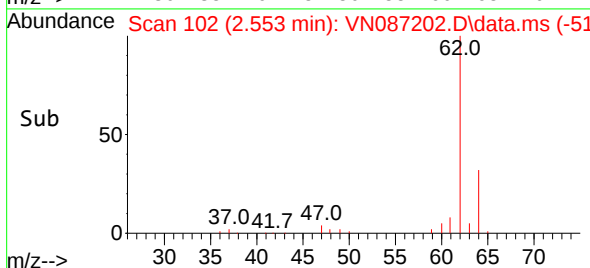
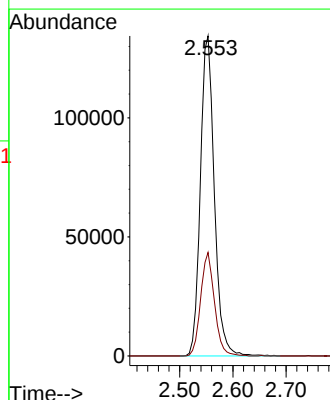
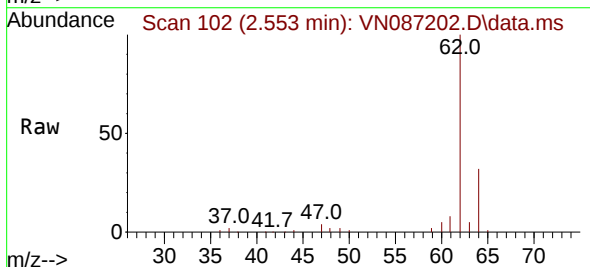
Instrument :
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ClientSampleId :
VSTDICC100

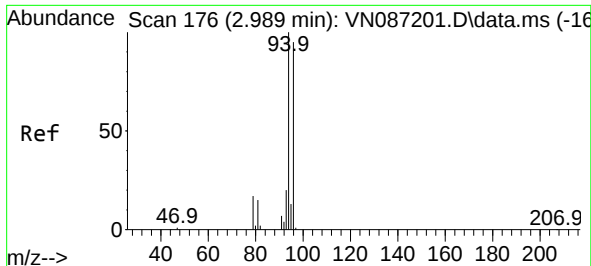
Tgt Ion: 50 Resp: 222774
Ion Ratio Lower Upper
50 100
52 32.9 24.6 36.8



#4
Vinyl Chloride
Concen: 97.761 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 62 Resp: 244389
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0

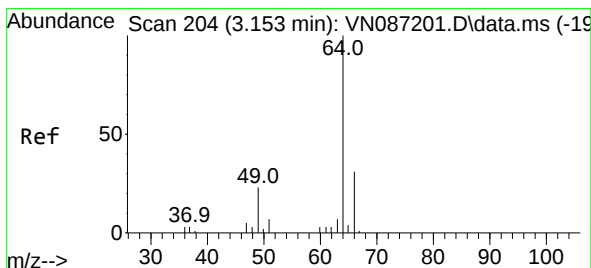
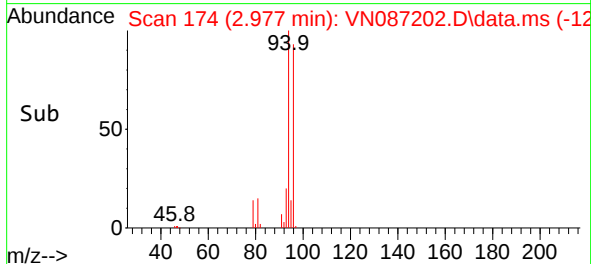
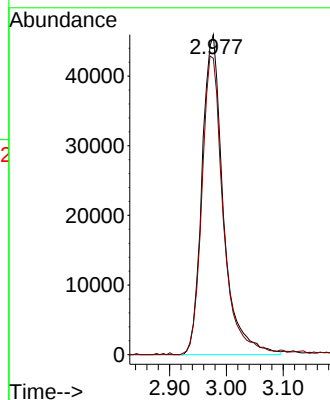
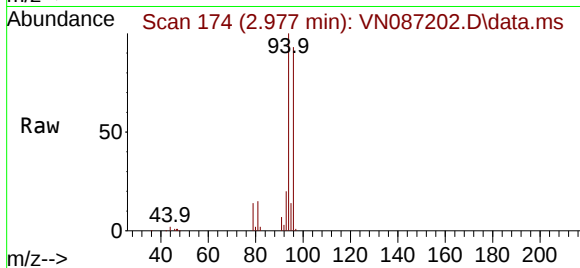




#5
Bromomethane
Concen: 89.067 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087202.D
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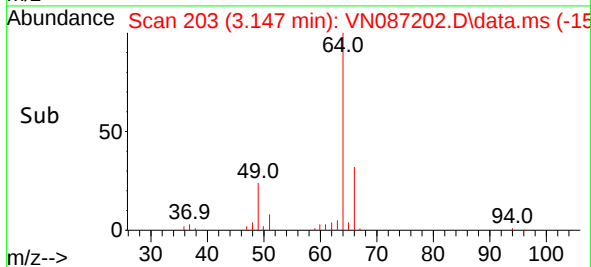
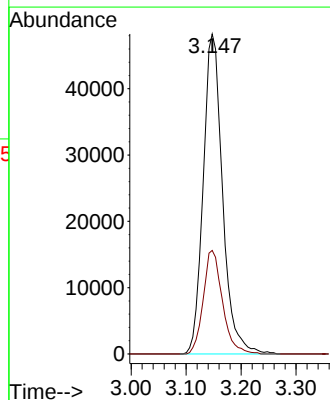
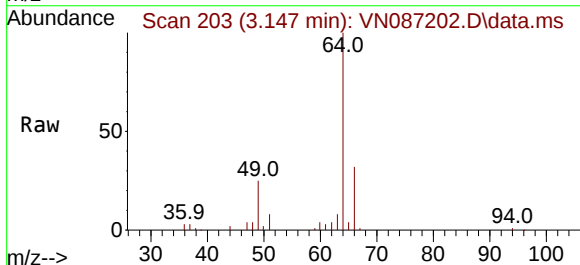
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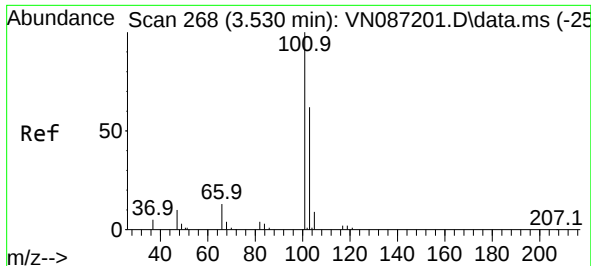
Tgt Ion: 94 Resp: 119492
Ion Ratio Lower Upper
94 100
96 92.6 75.7 113.5



#6
Chloroethane
Concen: 90.298 ug/l
RT: 3.147 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 64 Resp: 117955
Ion Ratio Lower Upper
64 100
66 32.4 25.0 37.4

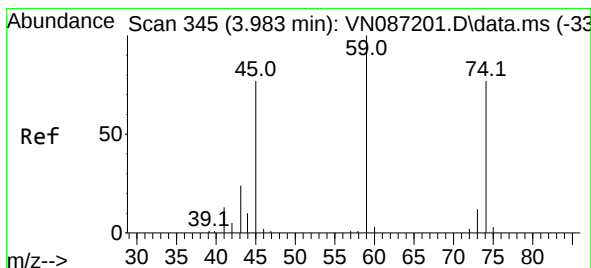
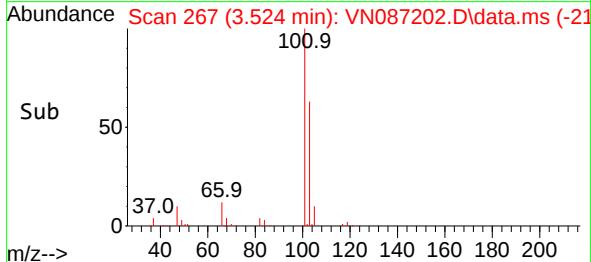
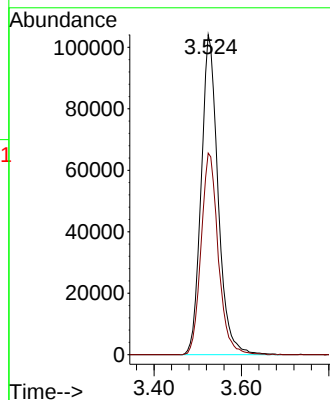
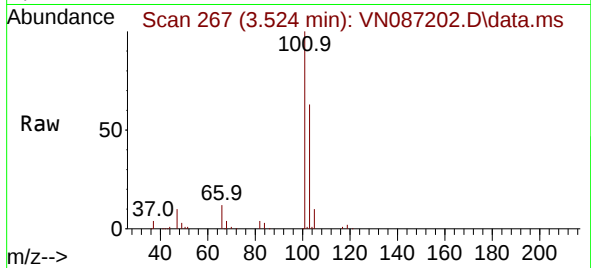




#7
 Trichlorofluoromethane
 Concen: 93.969 ug/l
 RT: 3.524 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN087202.D
 Acq: 26 Jun 2025 18:18

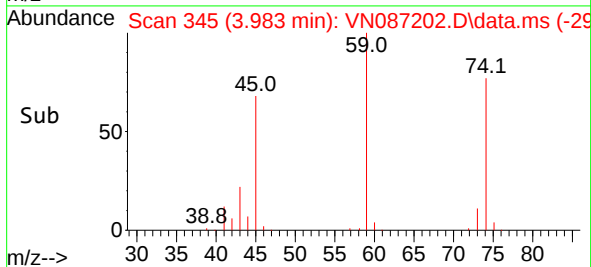
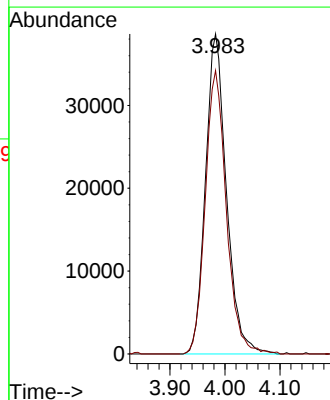
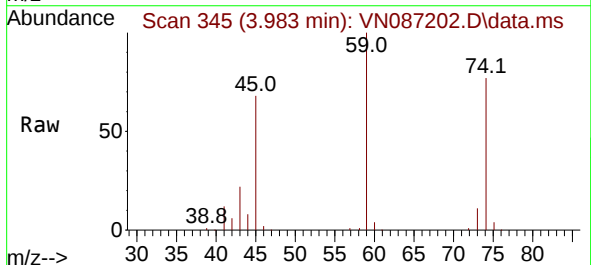
Instrument :
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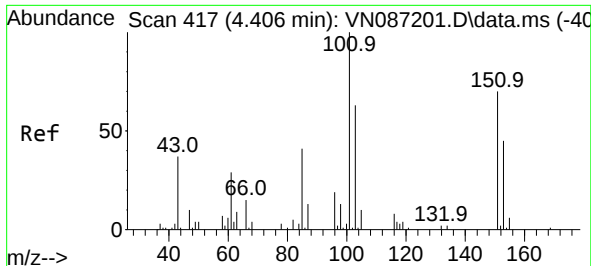
Tgt Ion:101 Resp: 279728
 Ion Ratio Lower Upper
 101 100
 103 63.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 77.162 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087202.D
 Acq: 26 Jun 2025 18:18

Tgt Ion: 74 Resp: 102174
 Ion Ratio Lower Upper
 74 100
 45 89.2 47.0 141.2

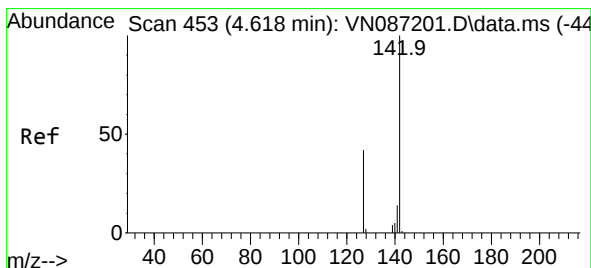
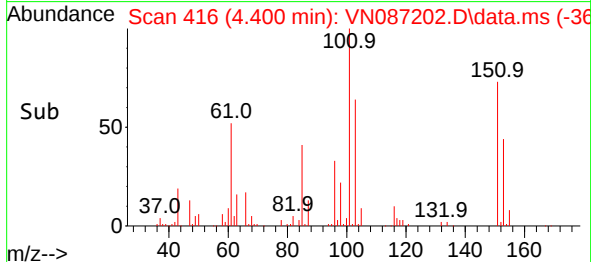
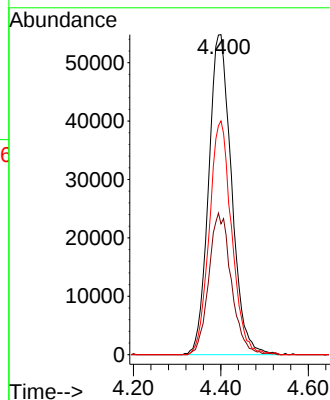
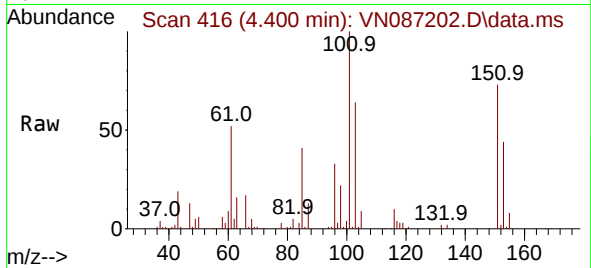




#9
1,1,2-Trichlorotrifluoroethane
Concen: 97.089 ug/l
RT: 4.400 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN087202.D
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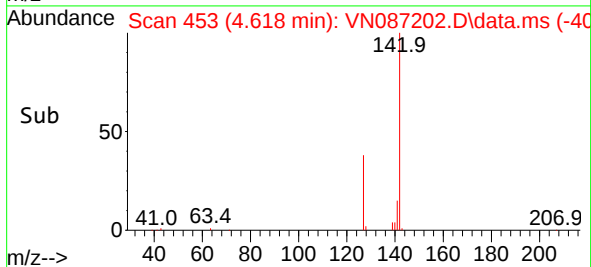
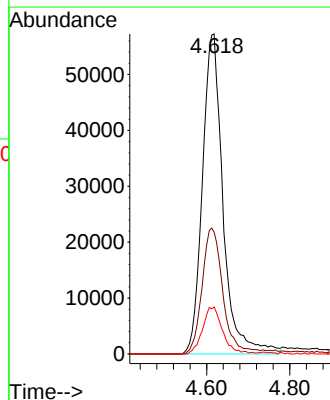
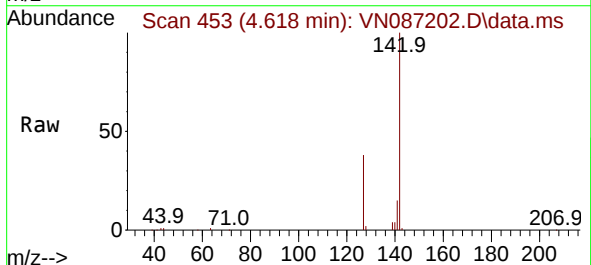
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

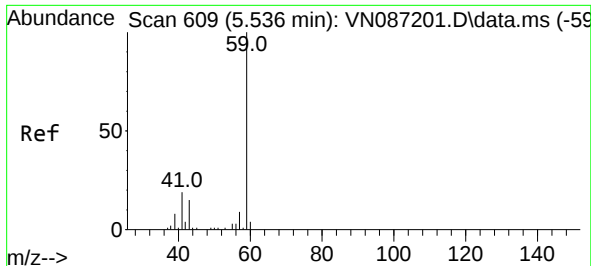
Tgt Ion:101 Resp: 199196
Ion Ratio Lower Upper
101 100
85 43.6 34.3 51.5
151 71.4 57.3 85.9



#10
Methyl Iodide
Concen: 106.575 ug/l
RT: 4.618 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion:142 Resp: 197516
Ion Ratio Lower Upper
142 100
127 38.1 33.3 49.9
141 14.7 11.4 17.0

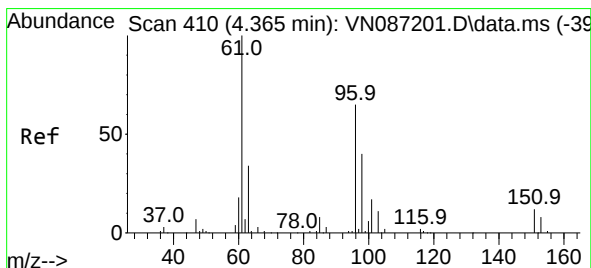
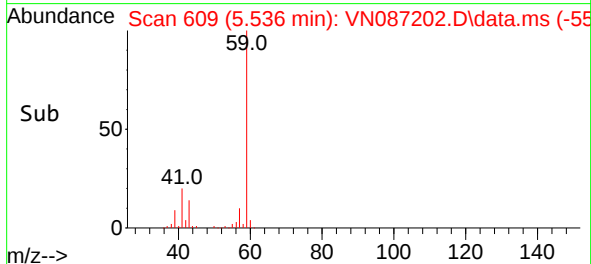
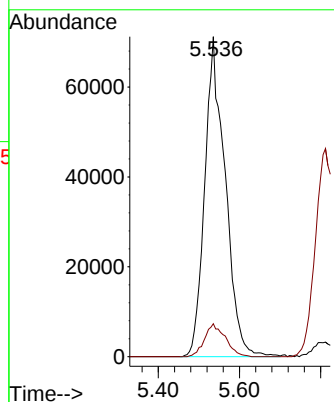
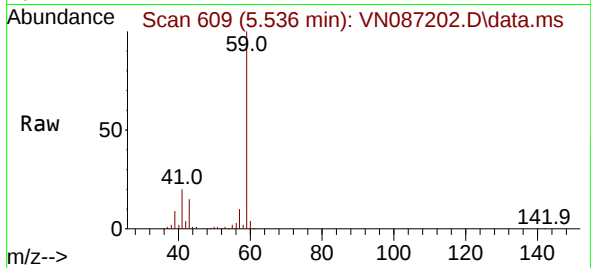




#11
Tert butyl alcohol
Concen: 415.599 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

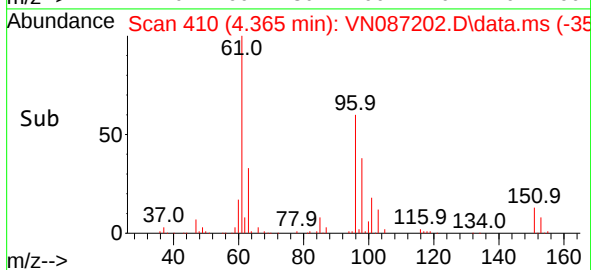
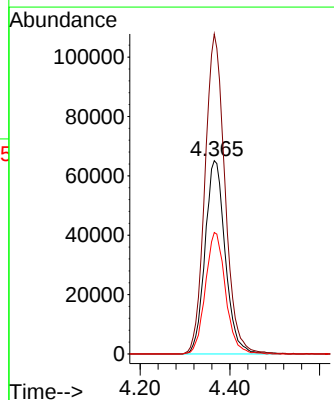
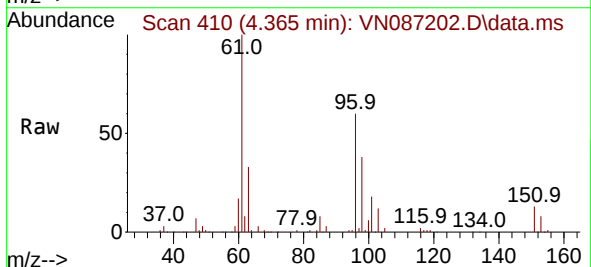
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

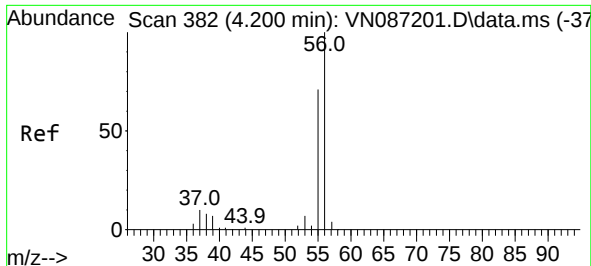
Tgt Ion: 59 Resp: 249160
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 91.762 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 96 Resp: 203525
Ion Ratio Lower Upper
96 100
61 165.5 123.5 185.3
98 62.8 49.5 74.3

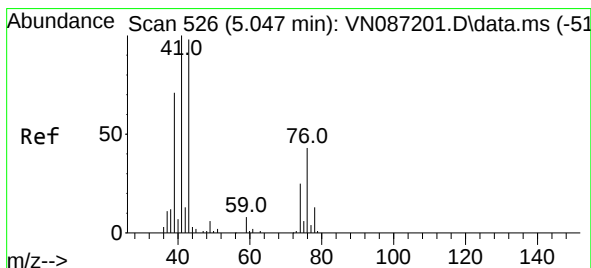
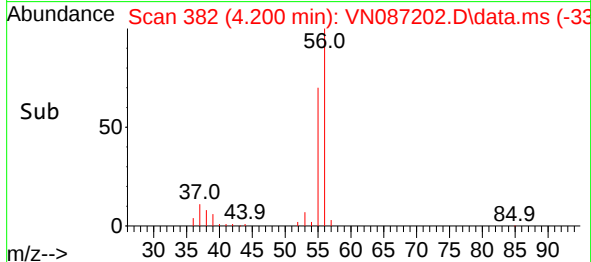
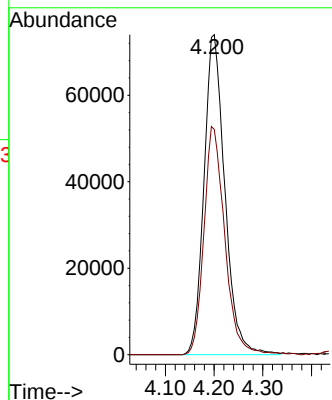
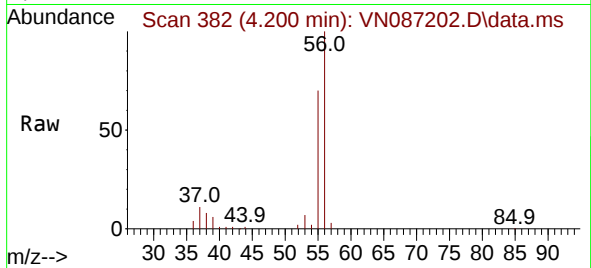




#13
Acrolein
Concen: 444.689 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

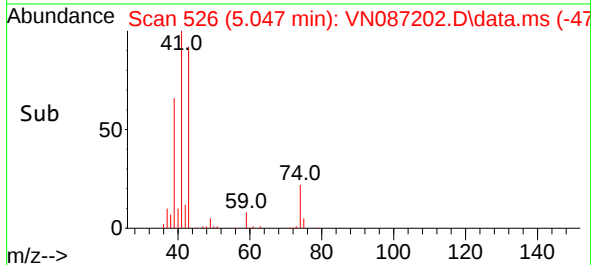
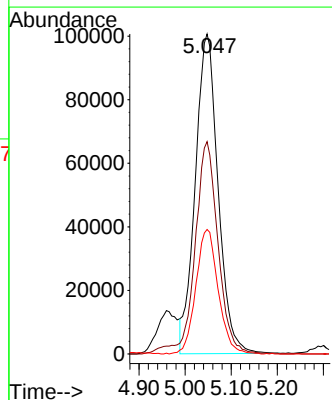
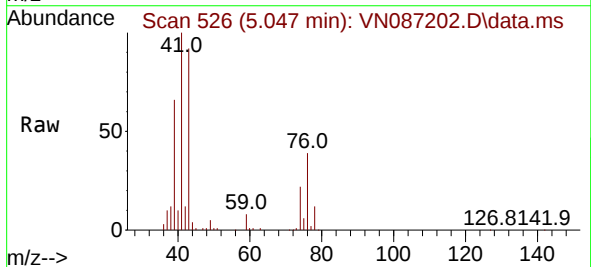
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

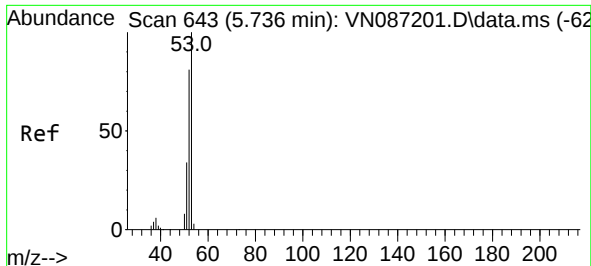
Tgt Ion: 56 Resp: 219814
Ion Ratio Lower Upper
56 100
55 71.3 56.8 85.2



#14
Allyl chloride
Concen: 98.514 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 41 Resp: 346927
Ion Ratio Lower Upper
41 100
39 67.3 55.0 82.6
76 38.1 31.3 46.9

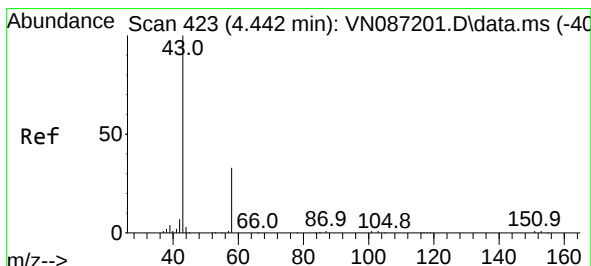
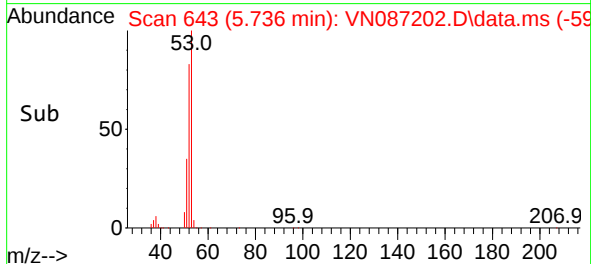
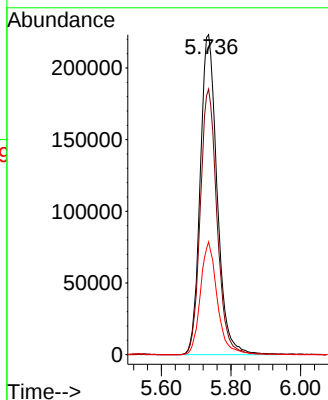
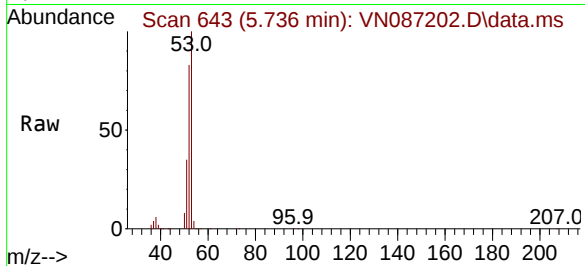




#15
Acrylonitrile
Concen: 490.544 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

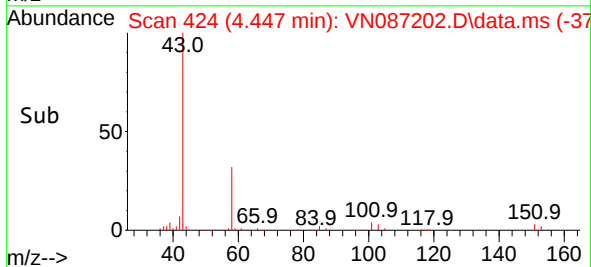
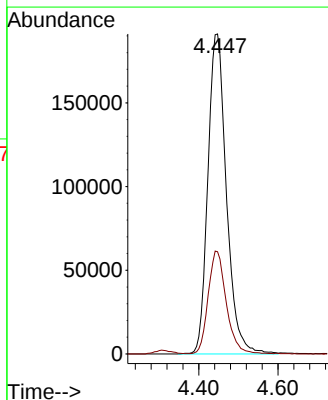
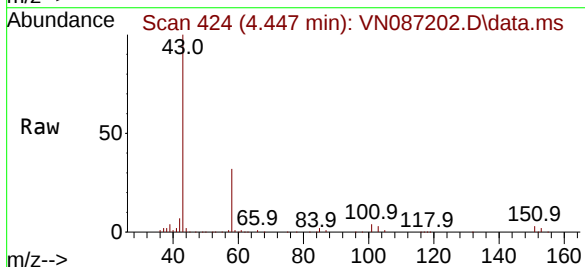
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

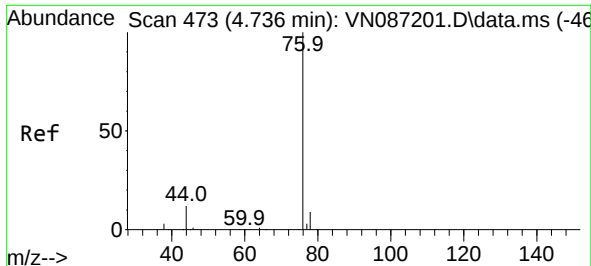
Tgt Ion: 53 Resp: 755049
Ion Ratio Lower Upper
53 100
52 82.0 65.0 97.6
51 35.0 27.8 41.6



#16
Acetone
Concen: 503.506 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 43 Resp: 621040
Ion Ratio Lower Upper
43 100
58 31.8 26.5 39.7

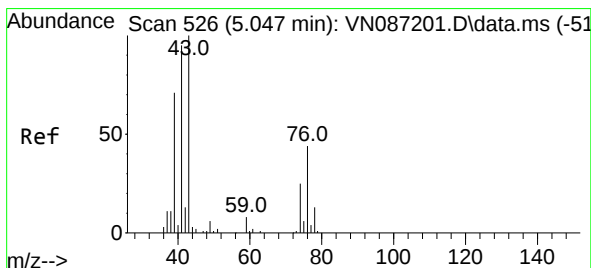
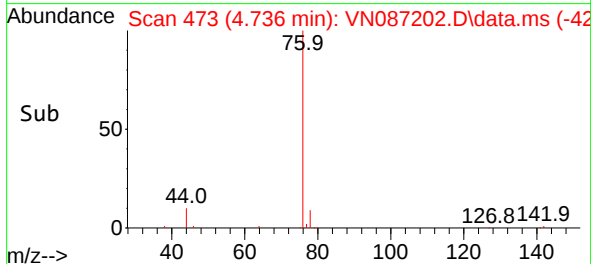
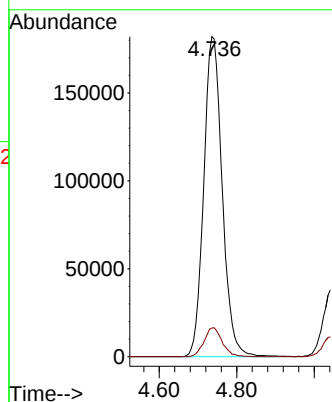
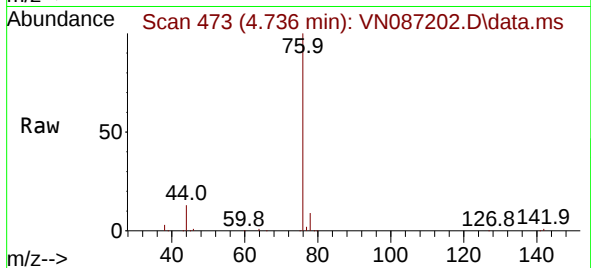




#17
Carbon Disulfide
Concen: 98.728 ug/l
RT: 4.736 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

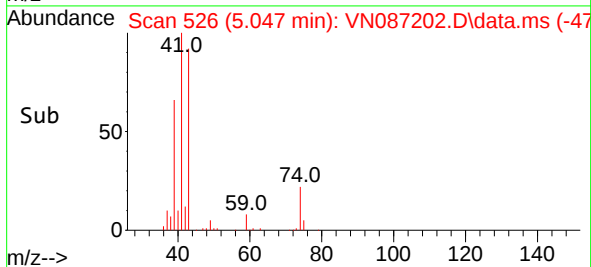
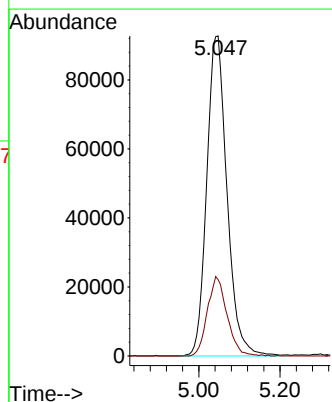
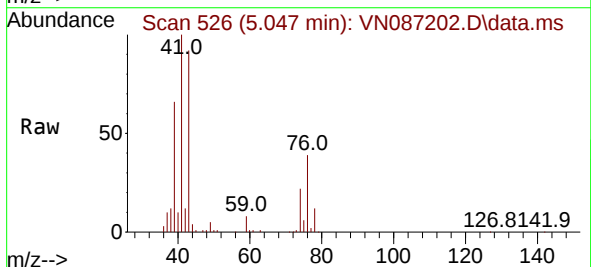
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

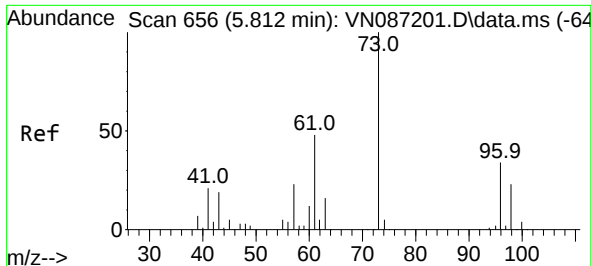
Tgt Ion: 76 Resp: 602301
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 98.650 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 43 Resp: 320646
Ion Ratio Lower Upper
43 100
74 24.0 19.4 29.2

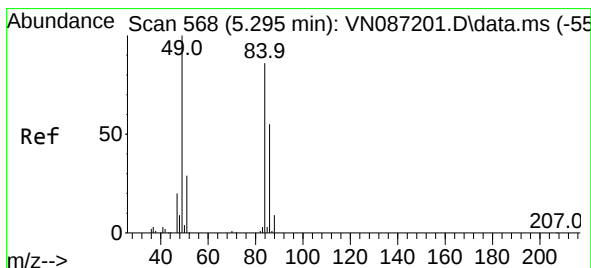
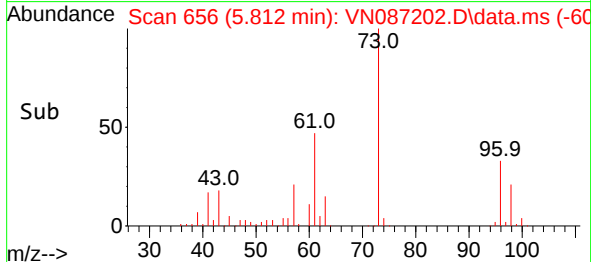
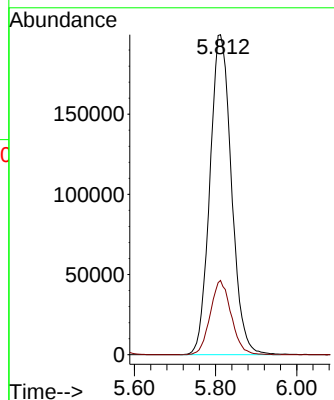
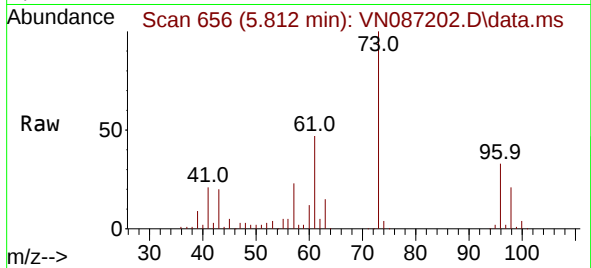




#19
Methyl tert-butyl Ether
Concen: 96.454 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

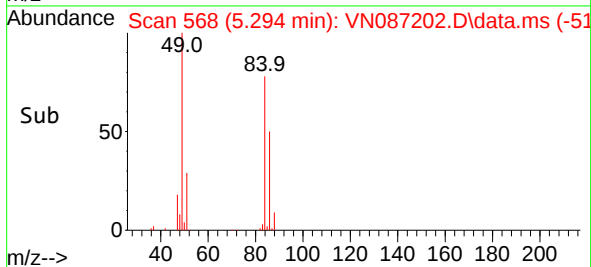
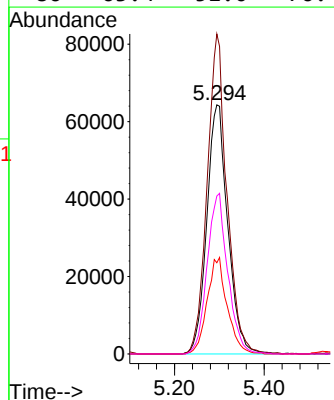
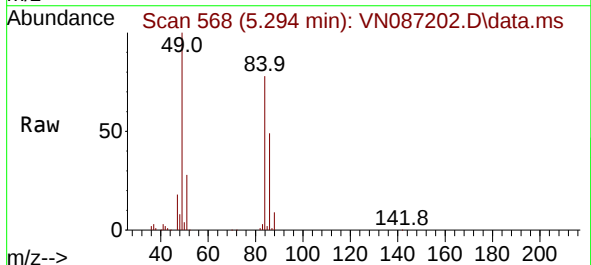
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

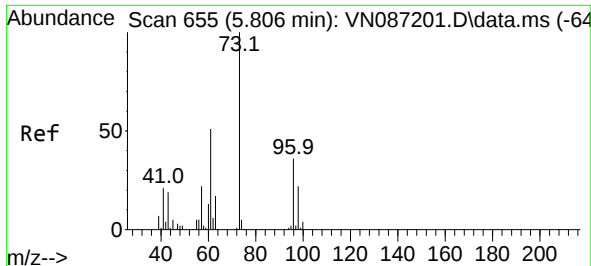
Tgt Ion: 73 Resp: 736860
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.4



#20
Methylene Chloride
Concen: 89.900 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.001 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 84 Resp: 209621
Ion Ratio Lower Upper
84 100
49 128.4 93.0 139.6
51 36.6 27.2 40.8
86 63.4 51.0 76.4

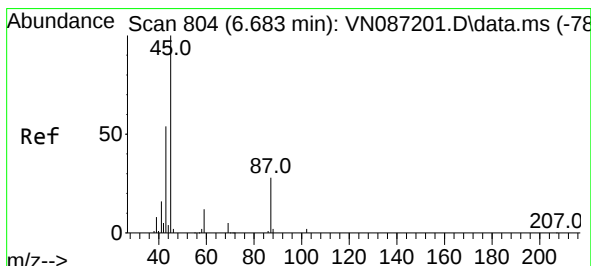
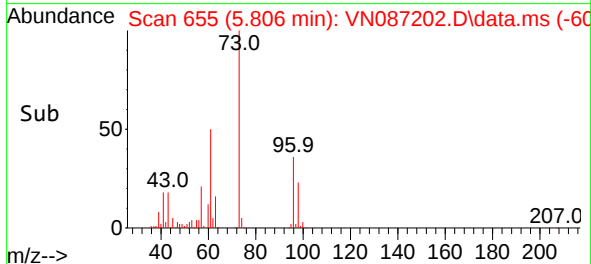
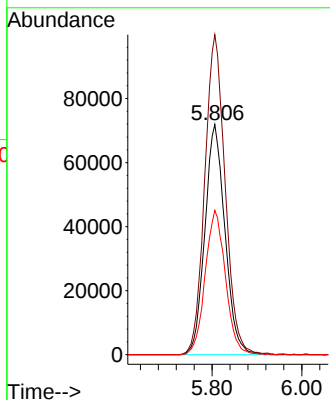
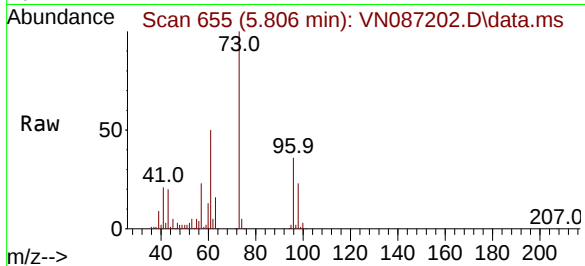




#21
trans-1,2-Dichloroethene
Concen: 91.243 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

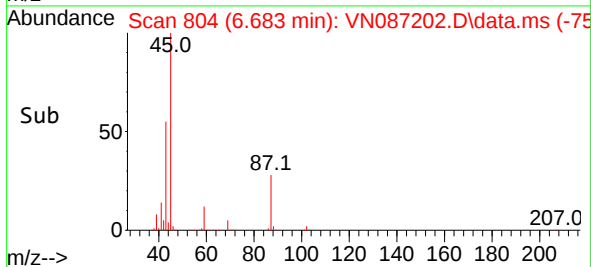
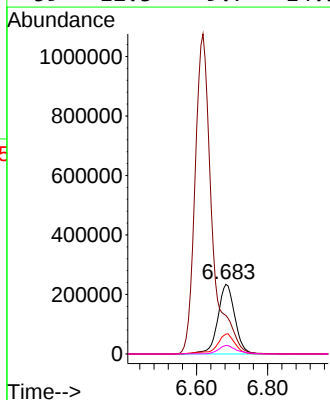
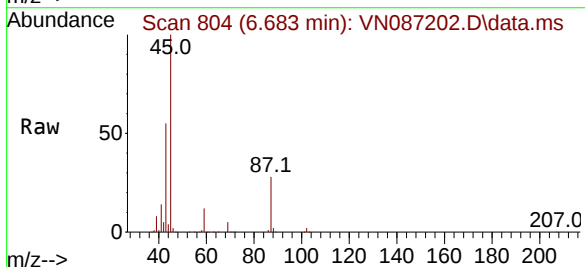
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

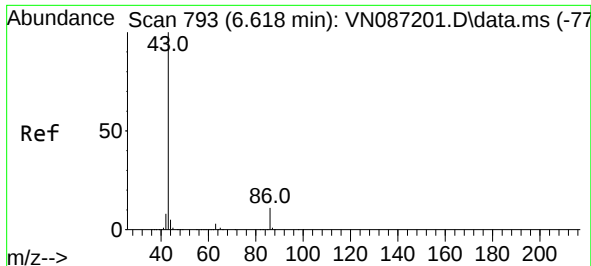
Tgt Ion: 96 Resp: 224446
Ion Ratio Lower Upper
96 100
61 139.0 113.8 170.8
98 62.7 50.4 75.6



#22
Diisopropyl ether
Concen: 98.380 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 45 Resp: 777048
Ion Ratio Lower Upper
45 100
43 55.1 45.8 68.6
87 28.4 22.7 34.1
59 12.3 9.7 14.5

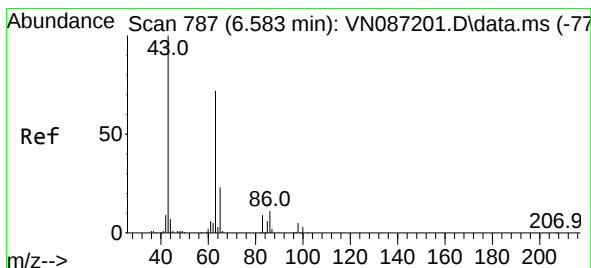
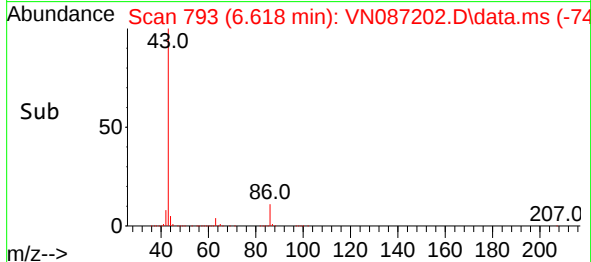
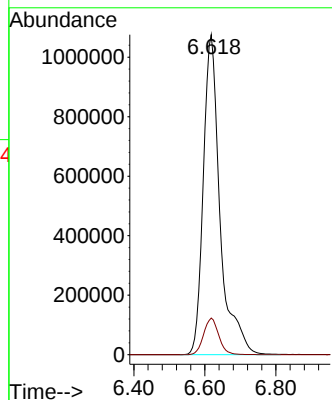
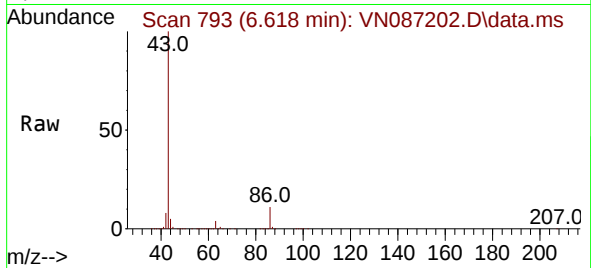




#23
 Vinyl Acetate
 Concen: 500.607 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087202.D
 Acq: 26 Jun 2025 18:18

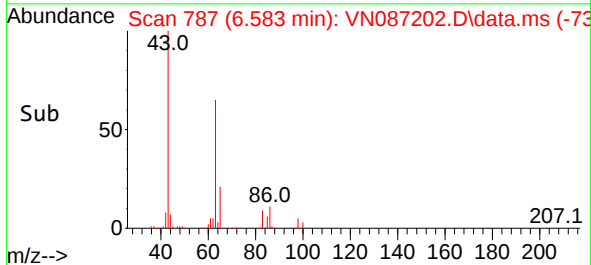
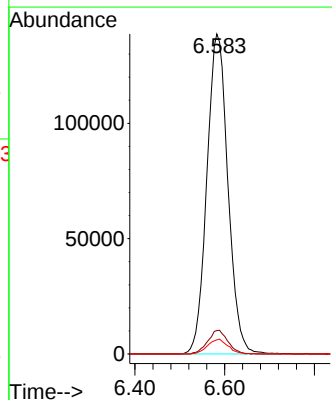
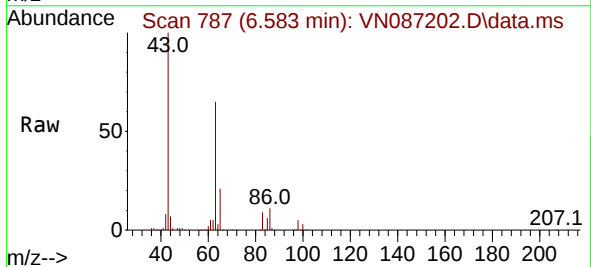
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

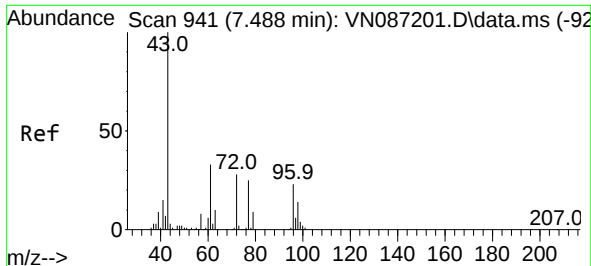
Tgt Ion: 43 Resp: 3535866
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 96.988 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087202.D
 Acq: 26 Jun 2025 18:18

Tgt Ion: 63 Resp: 452441
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.4 2.1 6.5

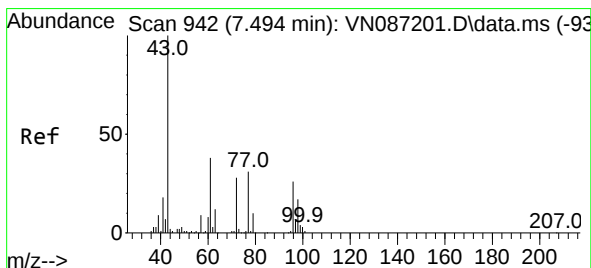
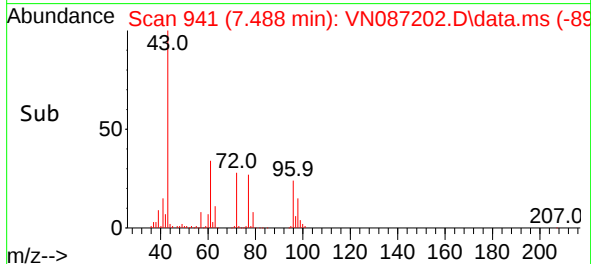
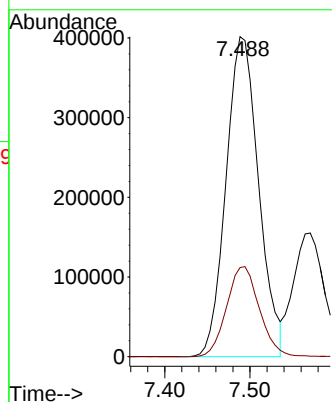
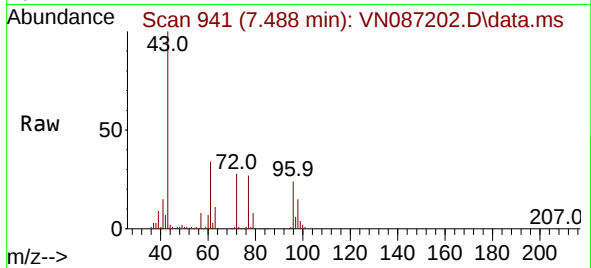




#25
2-Butanone
Concen: 518.629 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

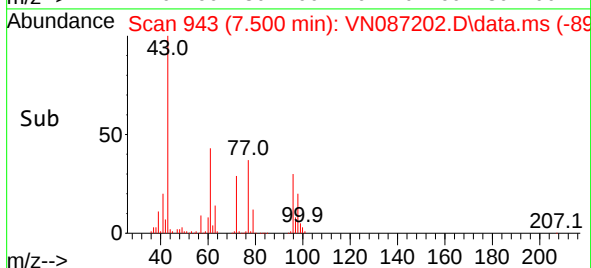
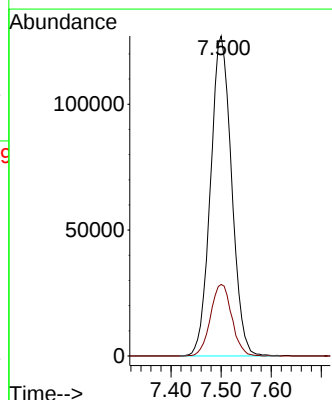
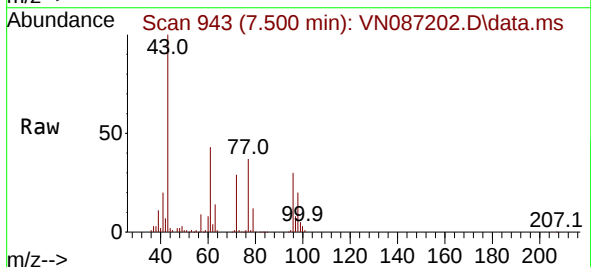
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

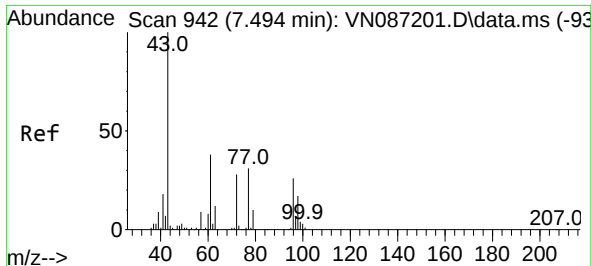
Tgt Ion: 43 Resp: 1069886
Ion Ratio Lower Upper
43 100
72 27.8 22.2 33.2



#26
2,2-Dichloropropane
Concen: 100.073 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 77 Resp: 371089
Ion Ratio Lower Upper
77 100
97 22.5 11.8 35.3



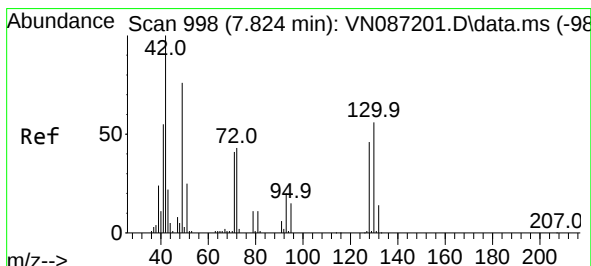
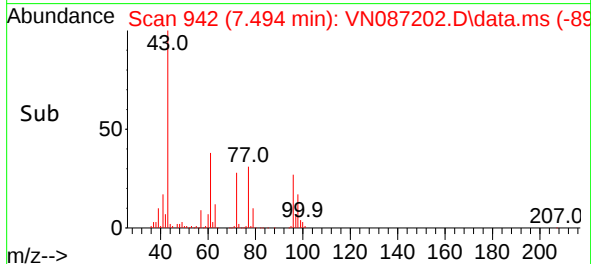
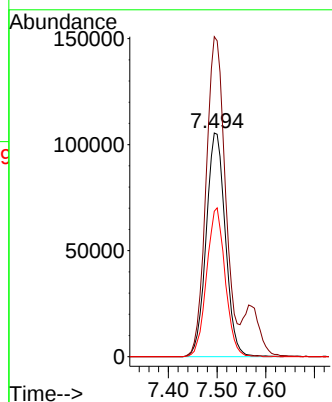
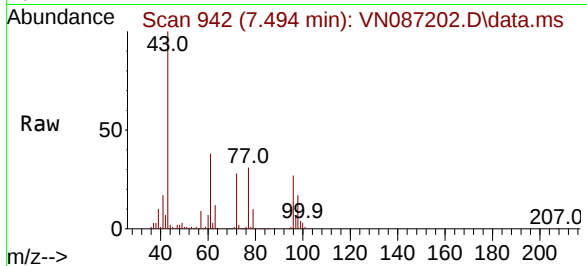


#27
 cis-1,2-Dichloroethene
 Concen: 100.768 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN087202.D
 Acq: 26 Jun 2025 18:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 288207

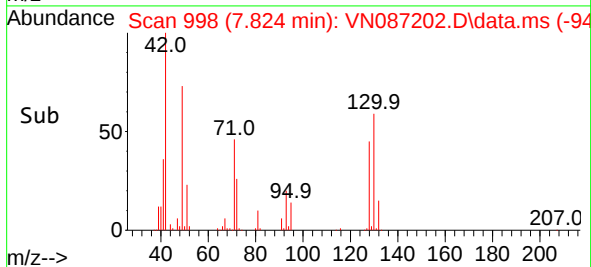
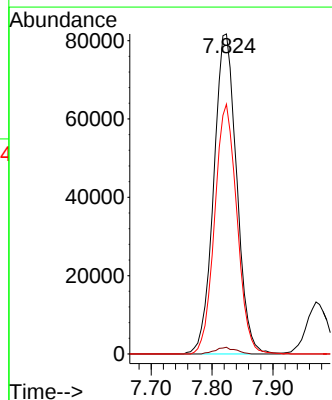
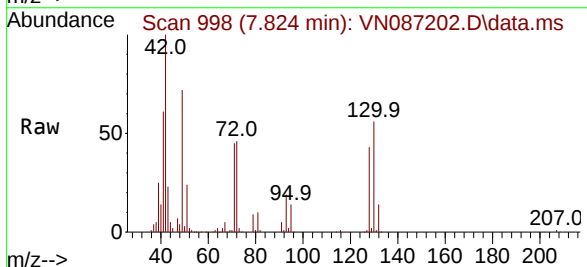
Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	290.4
98	64.4	0.0	126.8

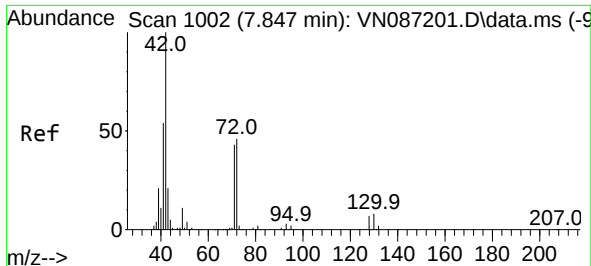


#28
 Bromochloromethane
 Concen: 104.230 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087202.D
 Acq: 26 Jun 2025 18:18

Tgt Ion: 49 Resp: 213748

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	75.7	60.0	90.0





#29

Tetrahydrofuran

Concen: 520.262 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

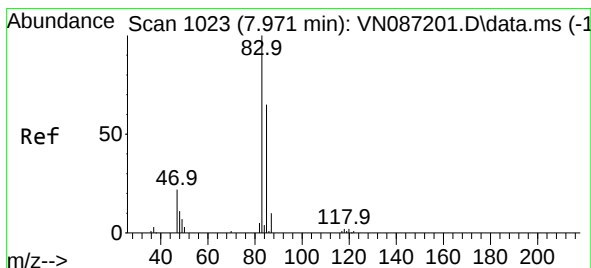
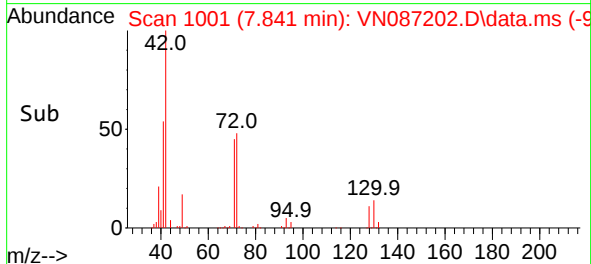
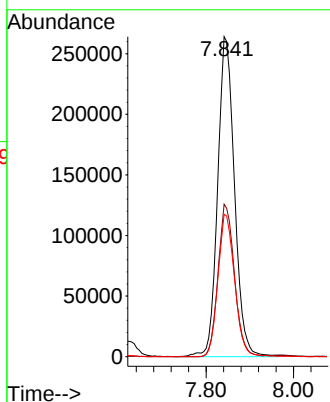
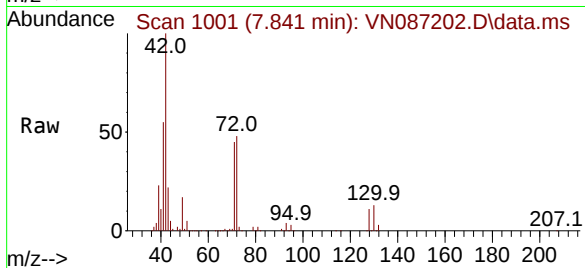
Tgt Ion: 42 Resp: 703671

Ion Ratio Lower Upper

42 100

72 46.6 36.9 55.3

71 44.0 35.0 52.4



#30

Chloroform

Concen: 97.552 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN087202.D

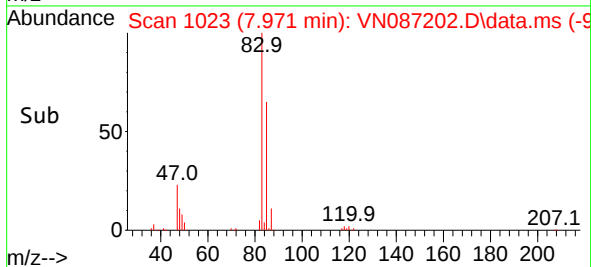
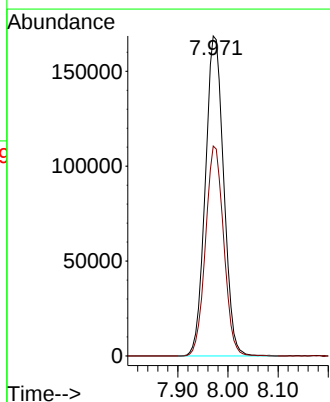
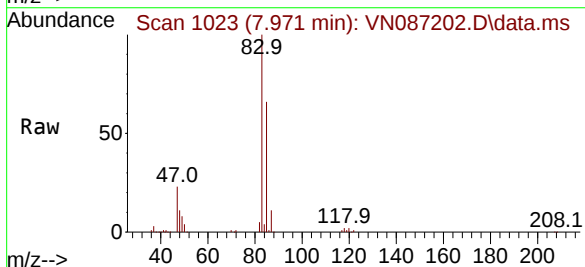
Acq: 26 Jun 2025 18:18

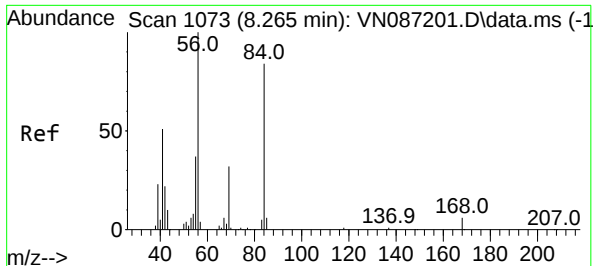
Tgt Ion: 83 Resp: 429252

Ion Ratio Lower Upper

83 100

85 65.6 52.0 78.0

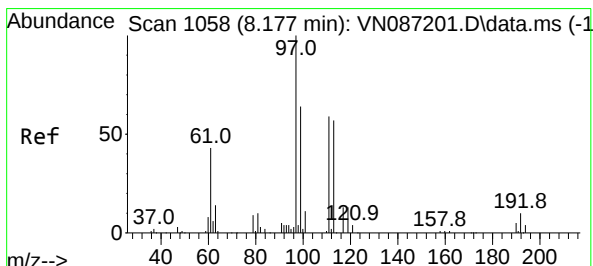
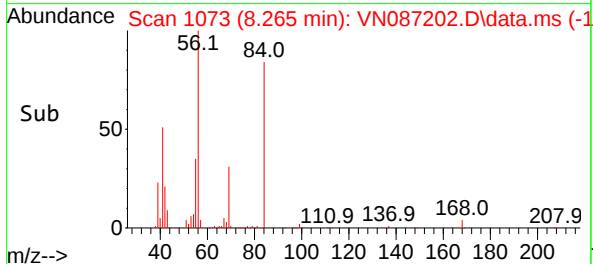
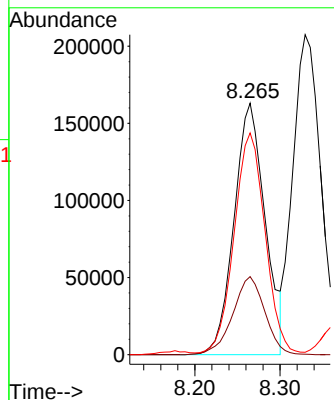
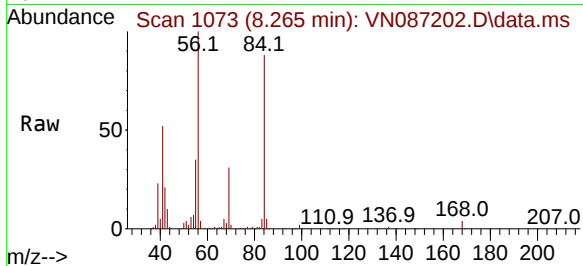




#31
Cyclohexane
Concen: 98.104 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

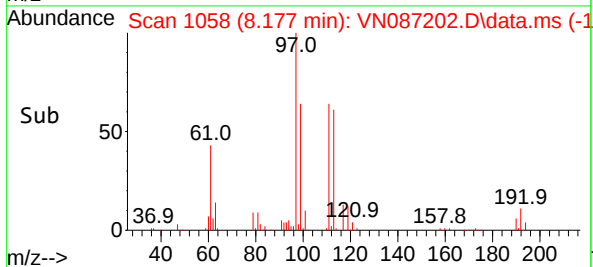
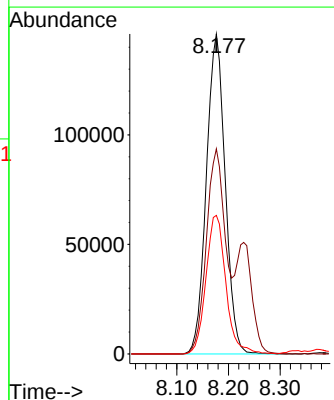
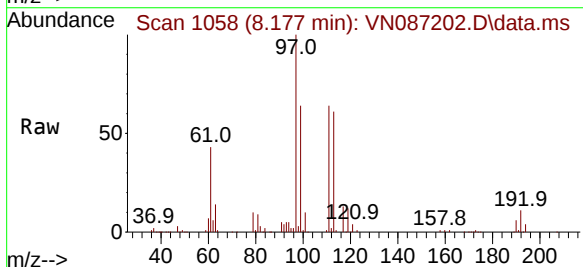
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

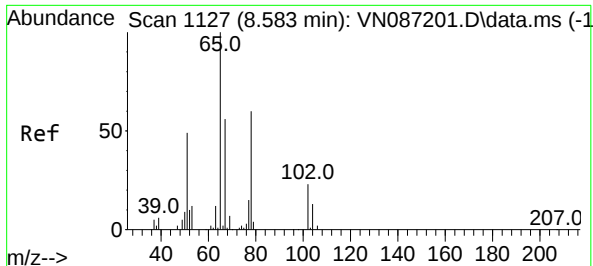
Tgt Ion: 56 Resp: 413264
Ion Ratio Lower Upper
56 100
69 31.1 25.3 37.9
84 87.0 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 97.750 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 97 Resp: 369535
Ion Ratio Lower Upper
97 100
99 64.7 49.9 74.9
61 45.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 103.910 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

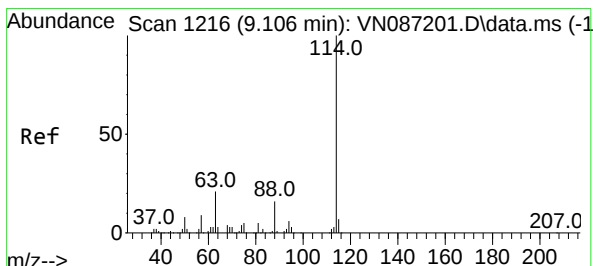
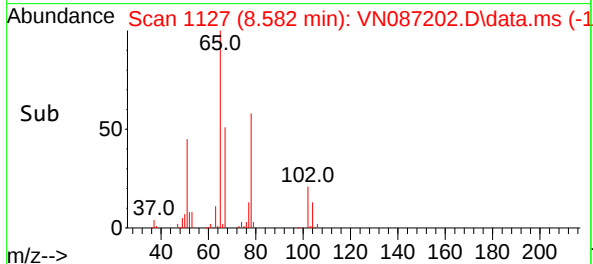
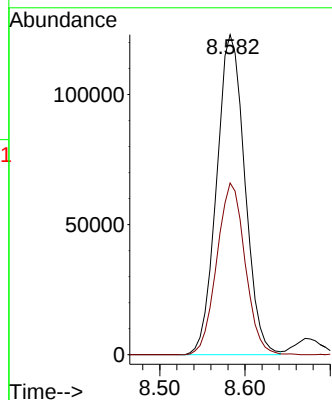
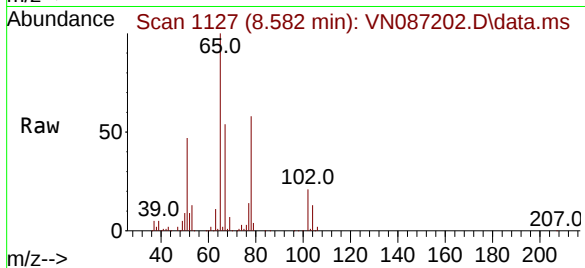
VSTDIC100

Tgt Ion: 65 Resp: 282734

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

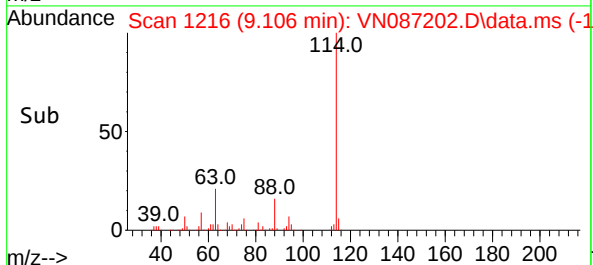
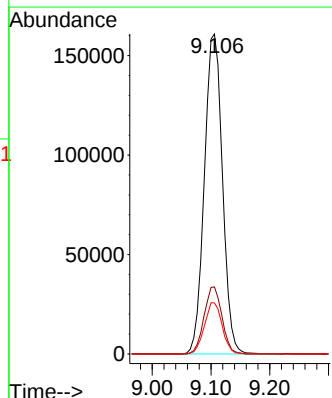
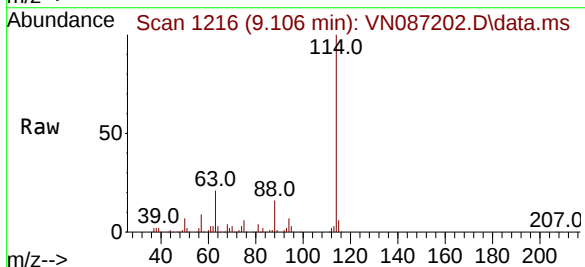
Tgt Ion: 114 Resp: 343180

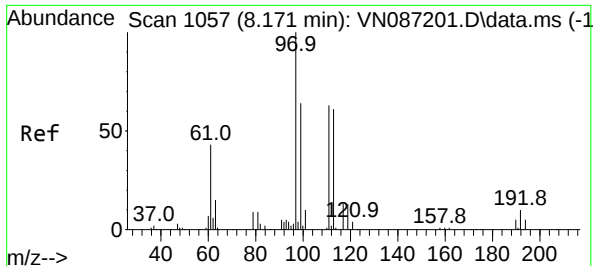
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.0

88 16.0 0.0 32.0

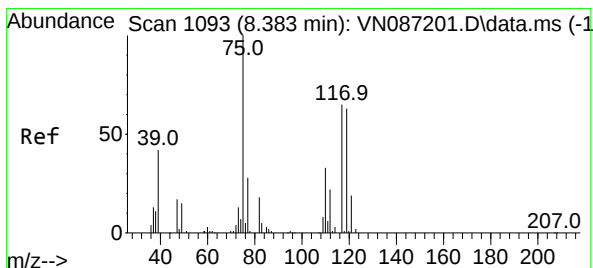
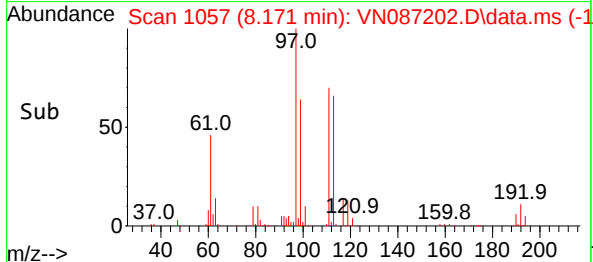
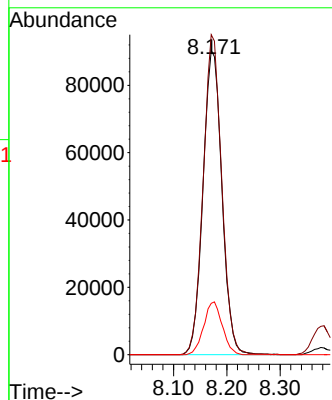
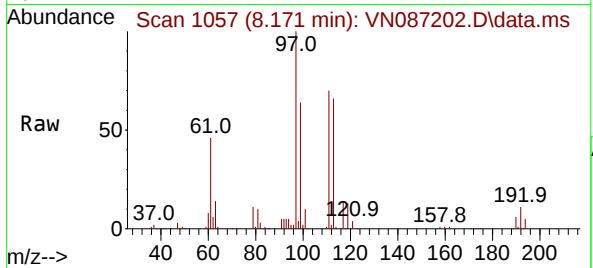




#35
Dibromofluoromethane
Concen: 100.212 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

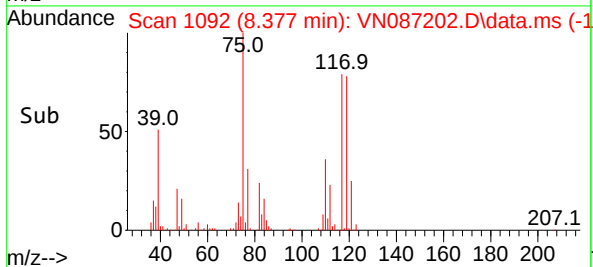
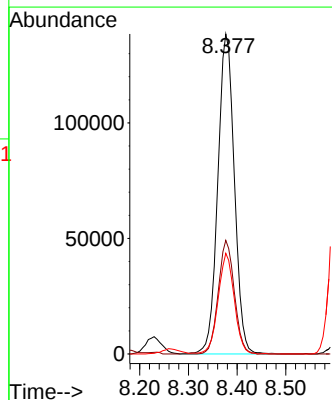
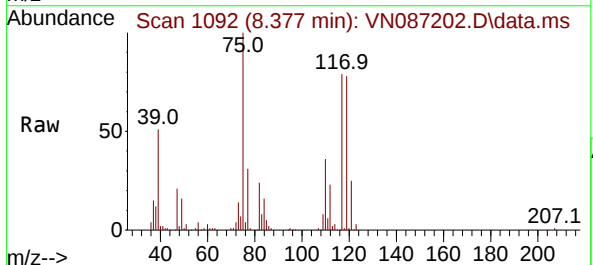
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

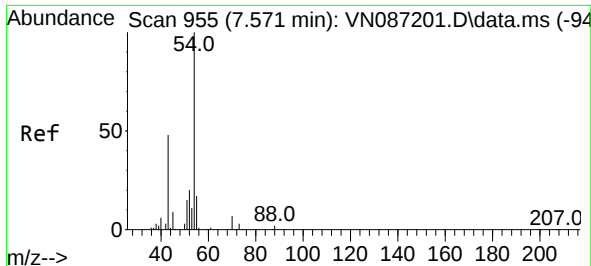
Tgt Ion:113 Resp: 222340
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 17.0 13.5 20.3



#36
1,1-Dichloropropene
Concen: 100.837 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 75 Resp: 327699
Ion Ratio Lower Upper
75 100
110 34.4 16.9 50.6
77 30.6 24.7 37.1

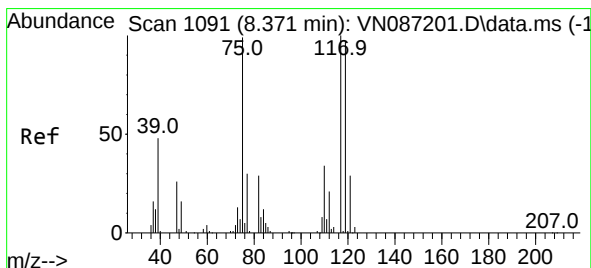
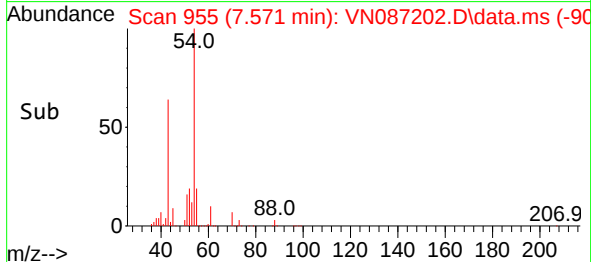
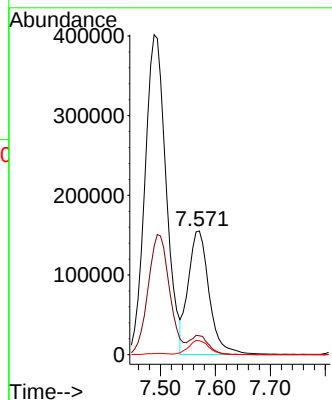
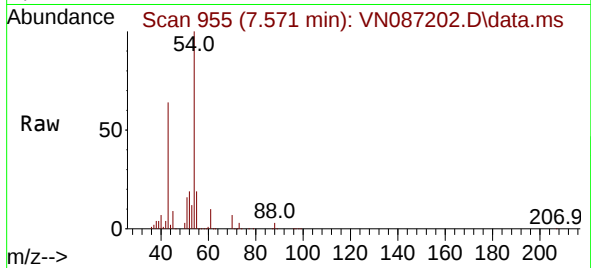




#37
Ethyl Acetate
Concen: 100.307 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

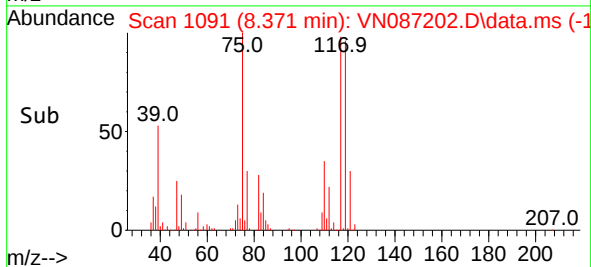
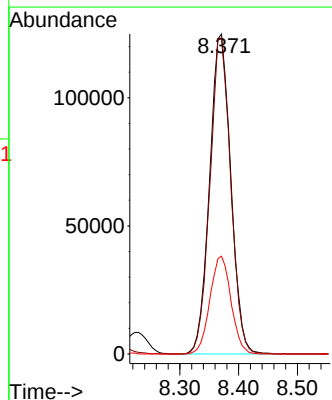
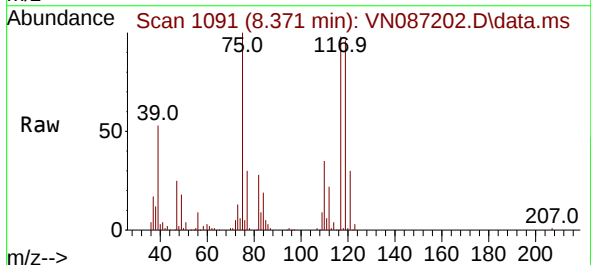
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

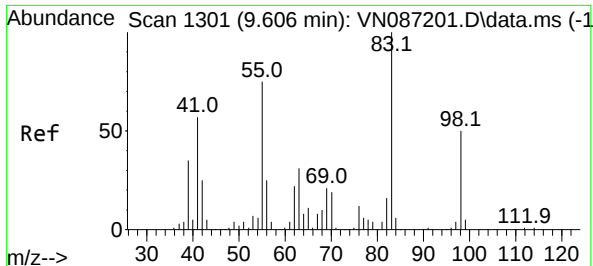
Tgt Ion: 43 Resp: 410211
Ion Ratio Lower Upper
43 100
61 13.8 10.8 16.2
70 11.4 8.9 13.3



#38
Carbon Tetrachloride
Concen: 98.942 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 117 Resp: 313156
Ion Ratio Lower Upper
117 100
119 98.7 77.4 116.0
121 30.6 23.2 34.8





#39

Methylcyclohexane

Concen: 98.482 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

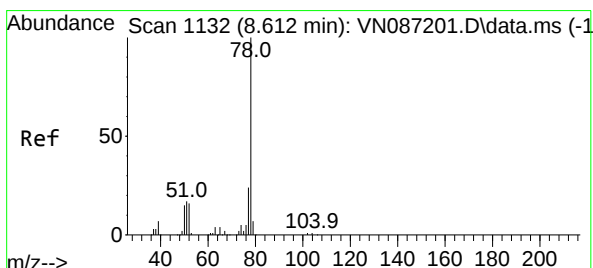
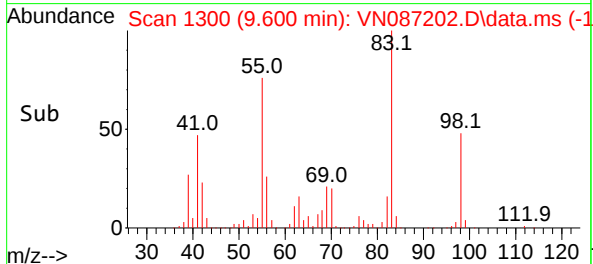
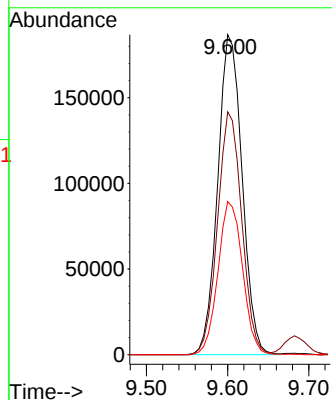
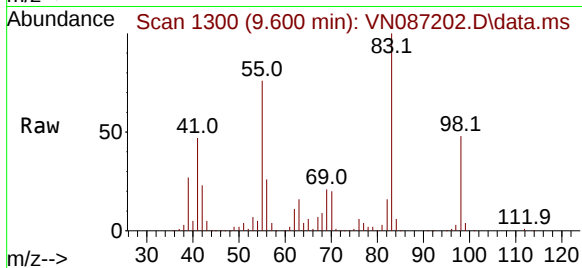
Tgt Ion: 83 Resp: 390485

Ion Ratio Lower Upper

83 100

55 75.9 59.8 89.8

98 47.9 39.8 59.8



#40

Benzene

Concen: 101.480 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087202.D

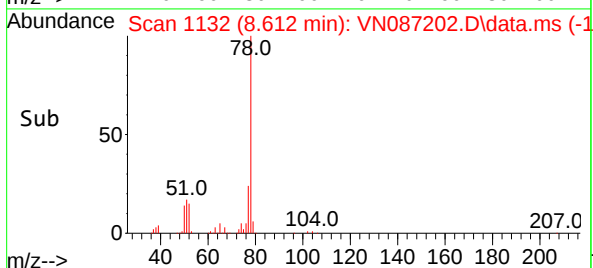
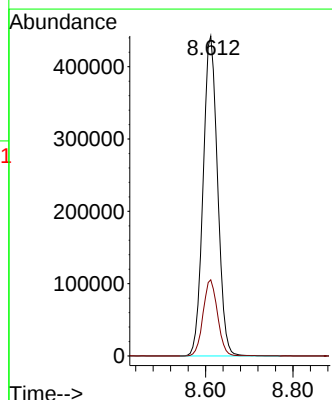
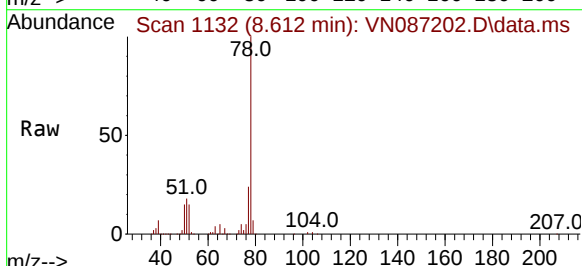
Acq: 26 Jun 2025 18:18

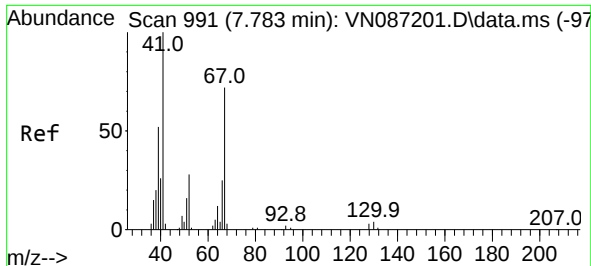
Tgt Ion: 78 Resp: 1018983

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6



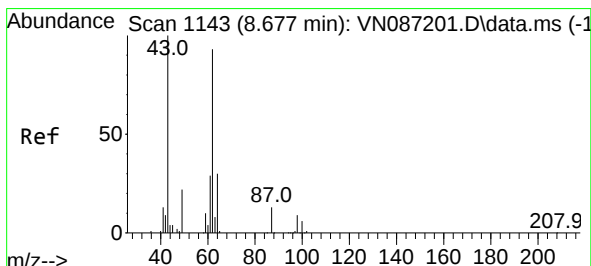
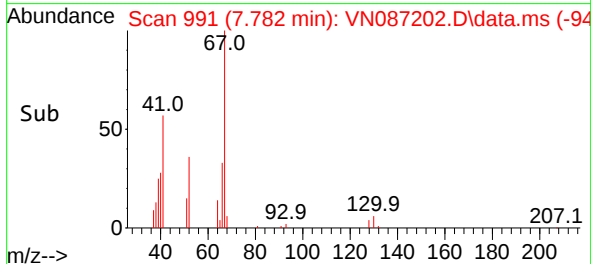
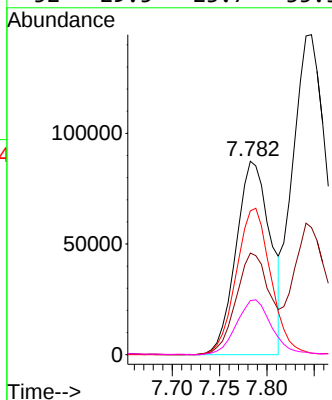
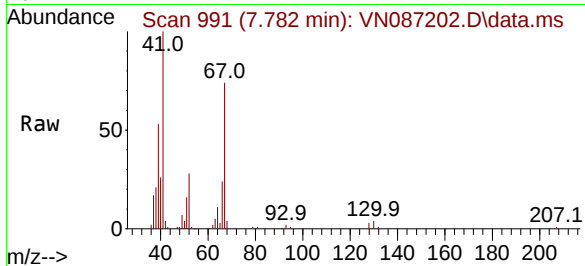


#41
Methacrylonitrile
Concen: 103.520 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 220179

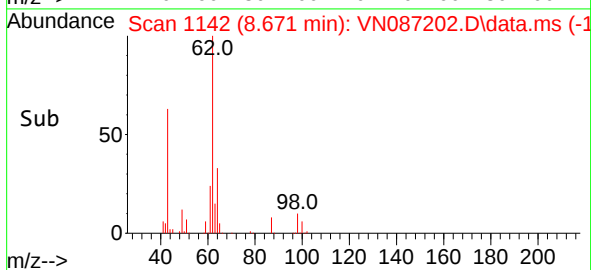
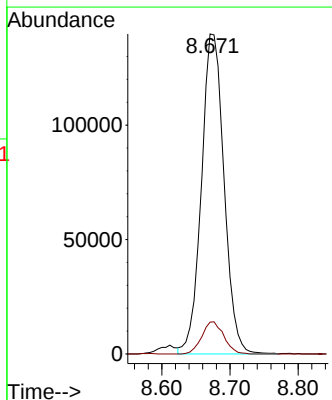
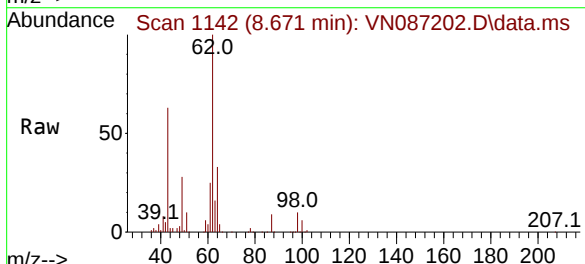
Ion	Ratio	Lower	Upper
41	100		
39	51.8	41.3	61.9
67	76.9	60.2	90.2
52	29.5	23.7	35.5

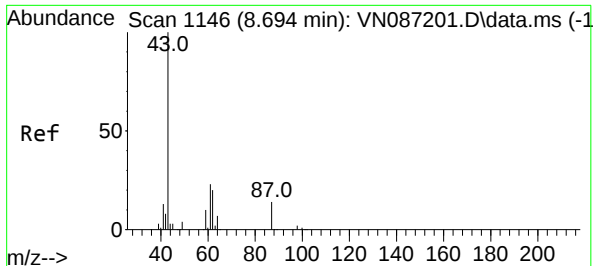


#42
1,2-Dichloroethane
Concen: 98.967 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 62 Resp: 323063

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.4

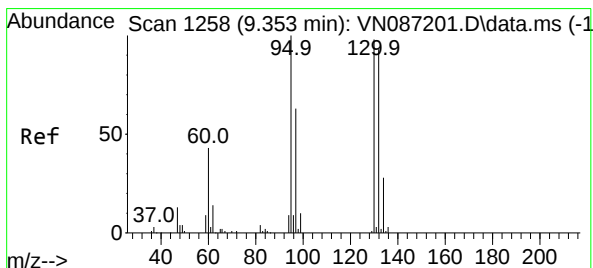
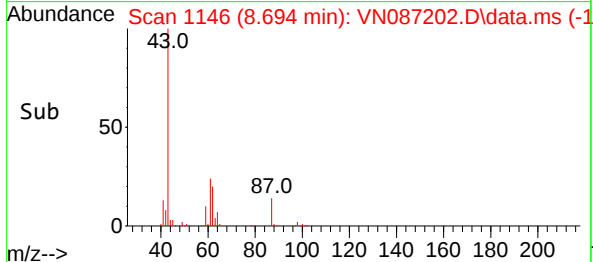
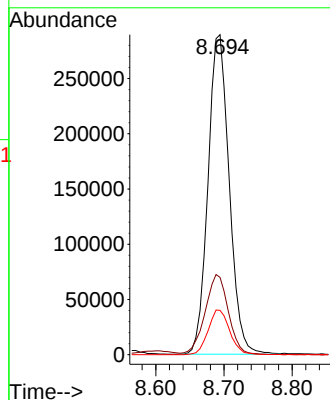
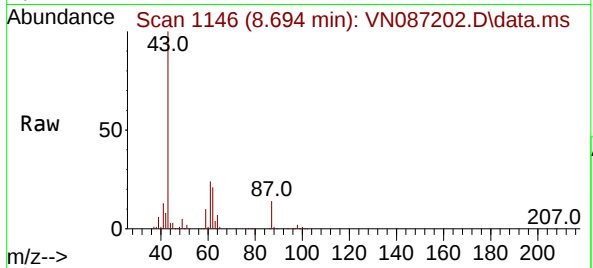




#43
Isopropyl Acetate
Concen: 104.961 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

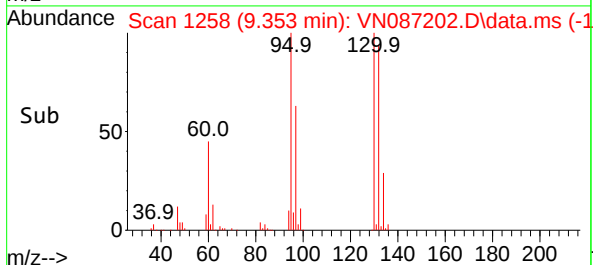
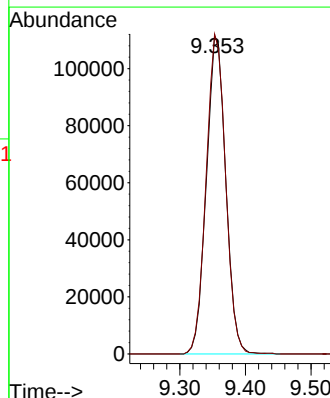
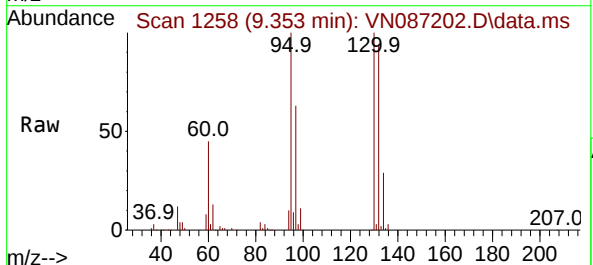
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

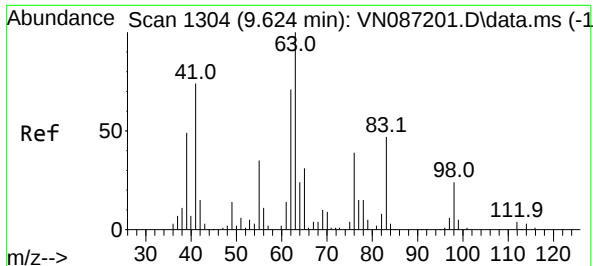
Tgt Ion: 43 Resp: 627098
Ion Ratio Lower Upper
43 100
61 27.6 21.0 31.6
87 14.3 11.0 16.6



#44
Trichloroethene
Concen: 95.279 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion:130 Resp: 229067
Ion Ratio Lower Upper
130 100
95 100.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 93.814 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

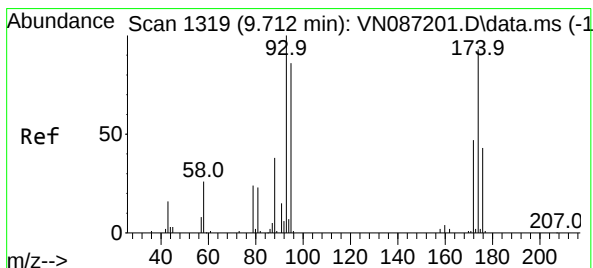
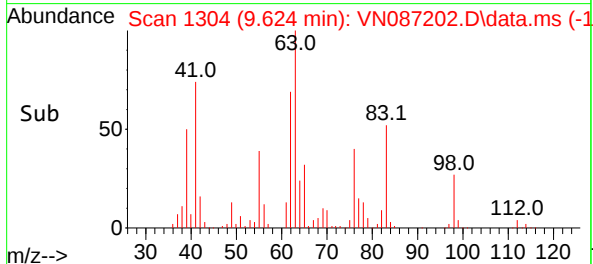
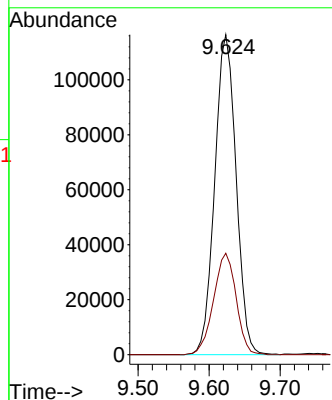
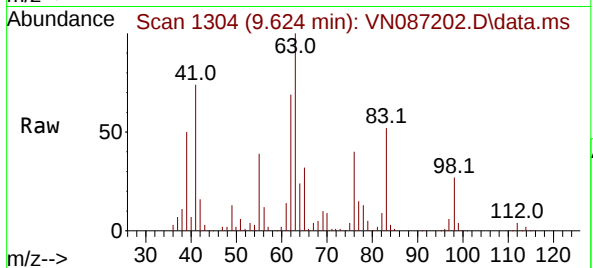
VSTDIC100

Tgt Ion: 63 Resp: 242812

Ion Ratio Lower Upper

63 100

65 31.7 24.7 37.1



#46

Dibromomethane

Concen: 96.892 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

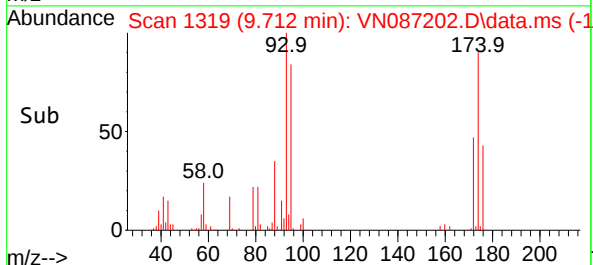
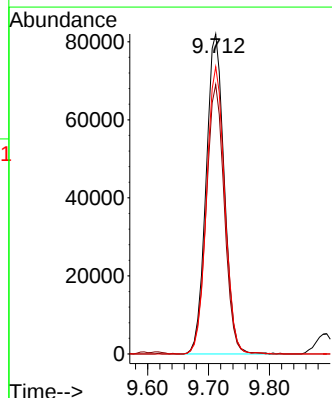
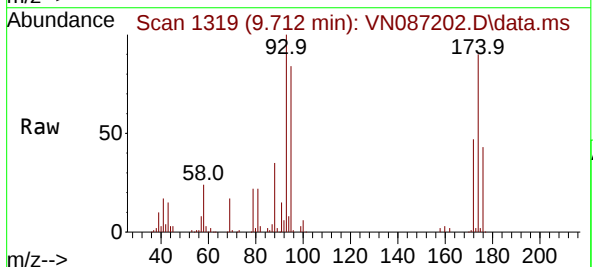
Tgt Ion: 93 Resp: 169948

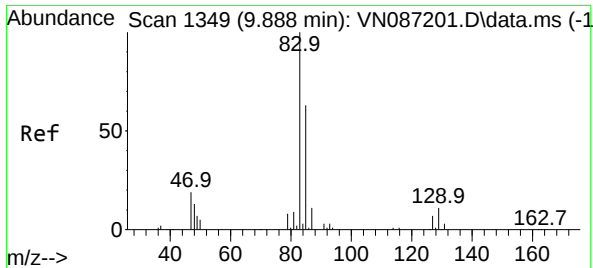
Ion Ratio Lower Upper

93 100

95 83.9 67.4 101.2

174 89.9 72.3 108.5

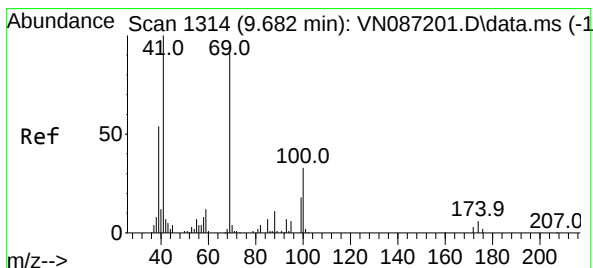
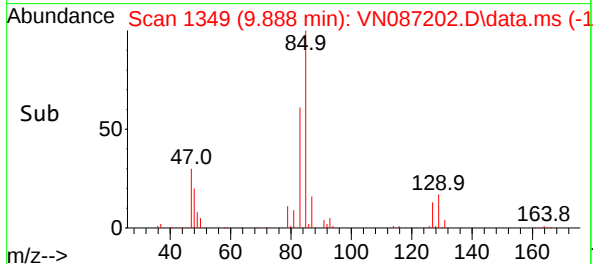
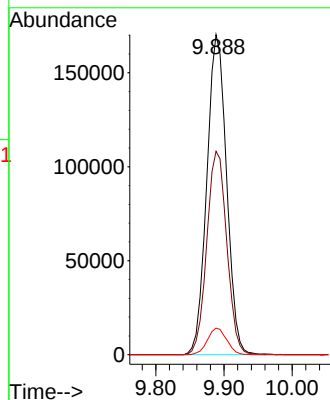
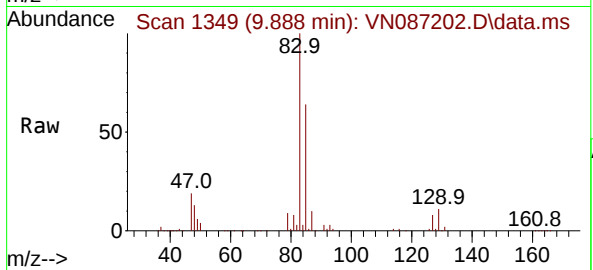




#47
Bromodichloromethane
Concen: 97.474 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

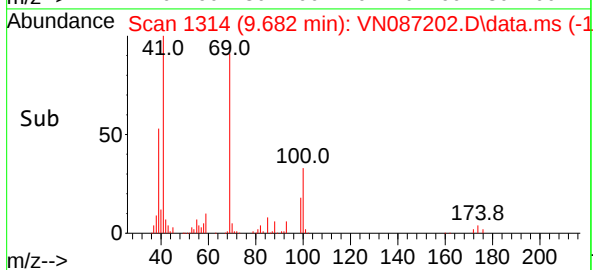
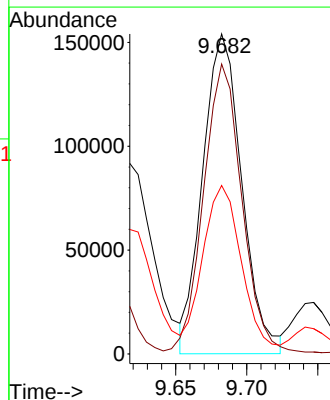
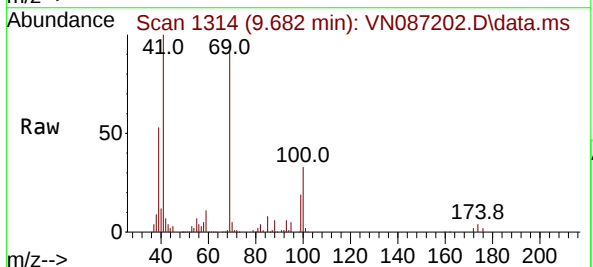
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

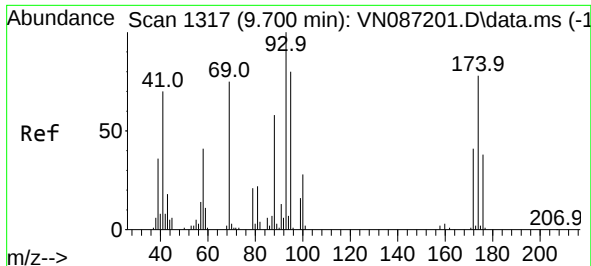
Tgt Ion: 83 Resp: 343370
Ion Ratio Lower Upper
83 100
85 63.5 50.0 75.0
127 8.3 6.0 9.0



#48
Methyl methacrylate
Concen: 101.856 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 41 Resp: 294217
Ion Ratio Lower Upper
41 100
69 89.4 69.9 104.9
39 53.0 43.8 65.6





#49

1,4-Dioxane

Concen: 2004.641 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

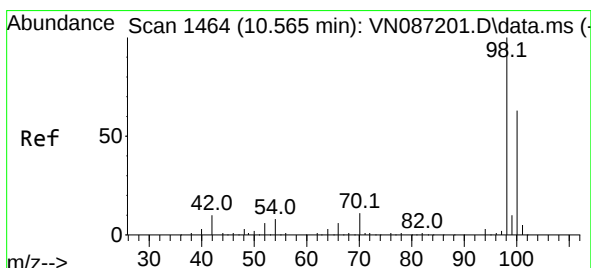
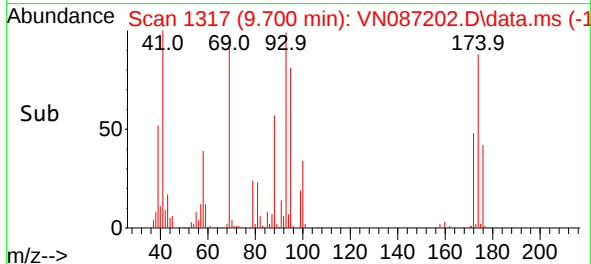
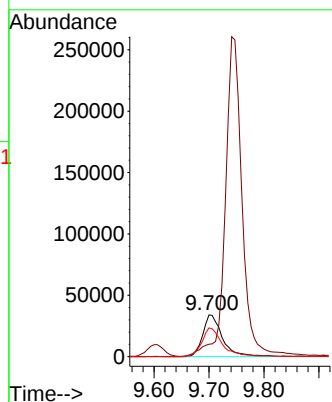
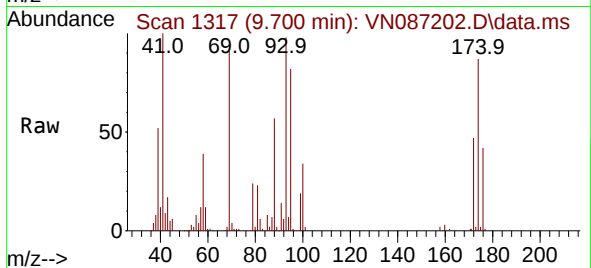
Tgt Ion: 88 Resp: 85107

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.7 59.2 88.8



#50

Toluene-d8

Concen: 98.891 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN087202.D

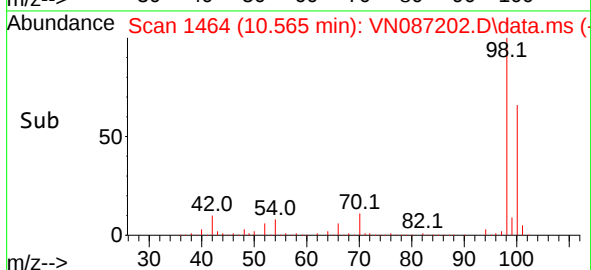
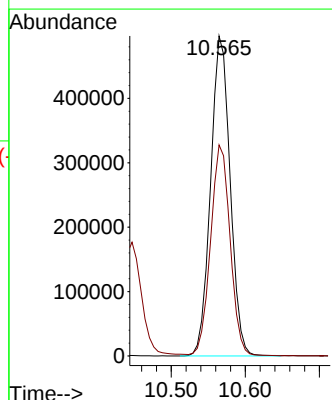
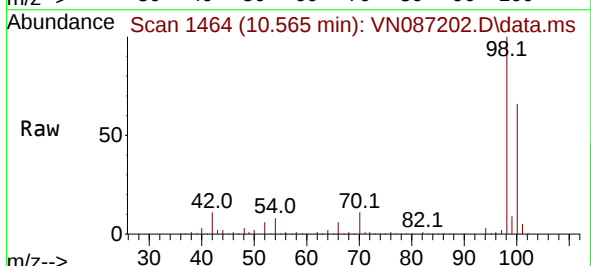
Acq: 26 Jun 2025 18:18

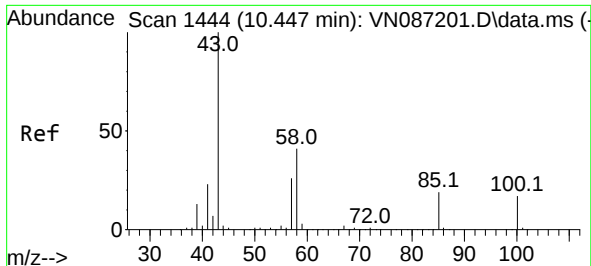
Tgt Ion: 98 Resp: 907457

Ion Ratio Lower Upper

98 100

100 66.2 52.7 79.1

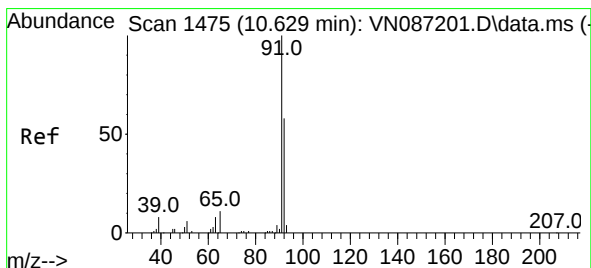
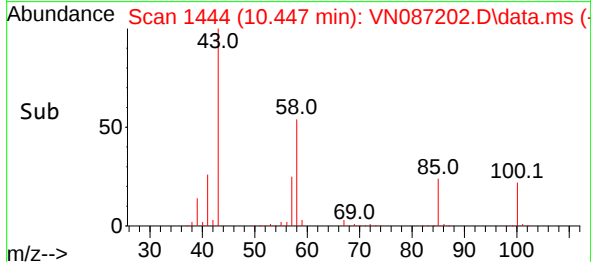
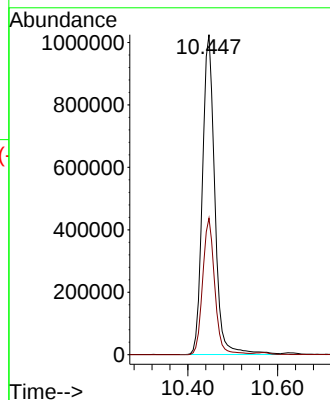
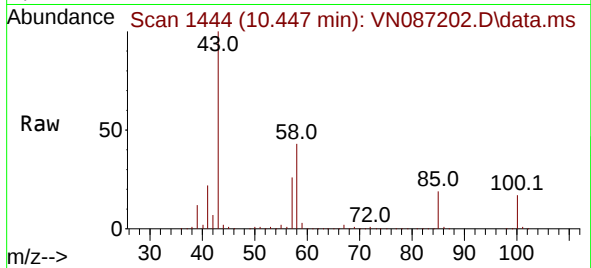




#51
4-Methyl-2-Pentanone
Concen: 492.637 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

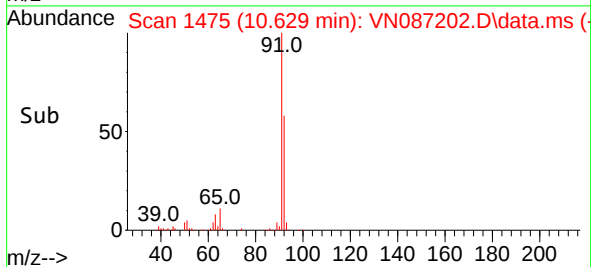
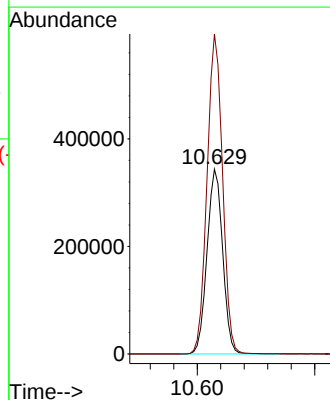
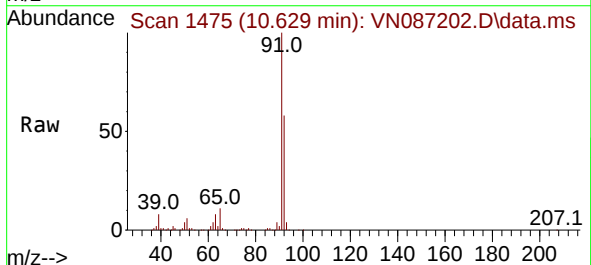
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

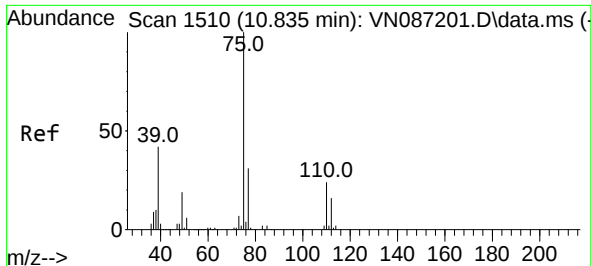
Tgt Ion: 43 Resp: 1964664
Ion Ratio Lower Upper
43 100
58 41.6 32.6 48.8



#52
Toluene
Concen: 98.540 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 92 Resp: 632561
Ion Ratio Lower Upper
92 100
91 171.6 138.2 207.2

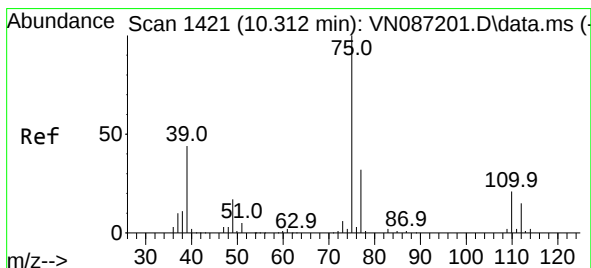
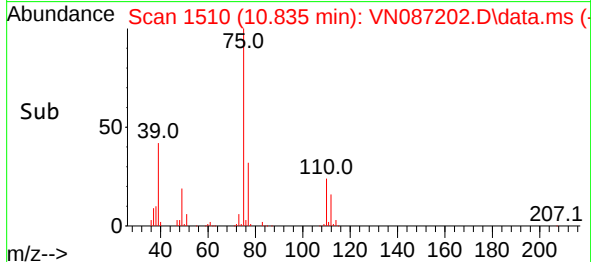
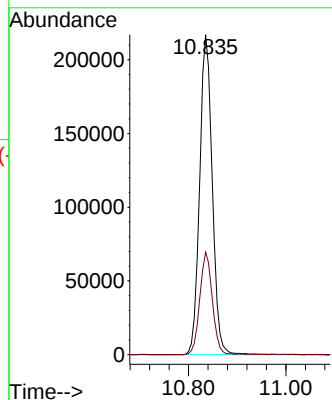
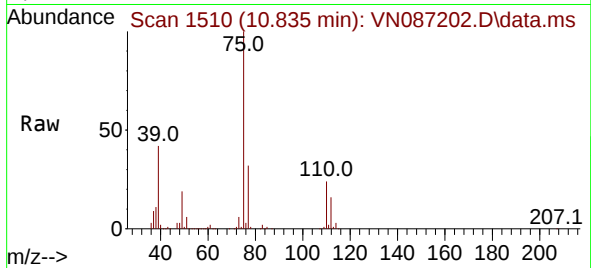




#53
t-1,3-Dichloropropene
Concen: 99.590 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

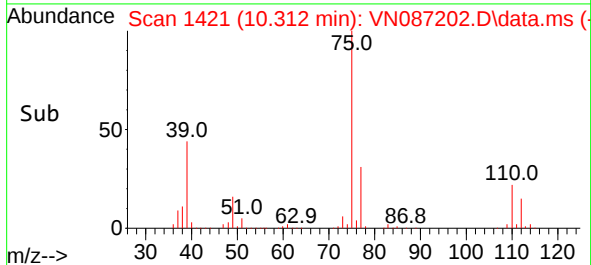
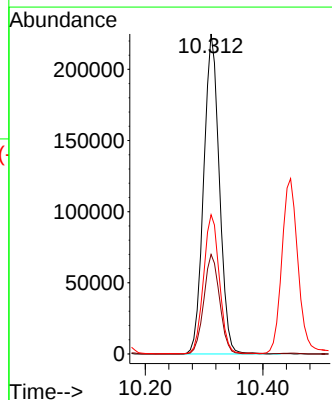
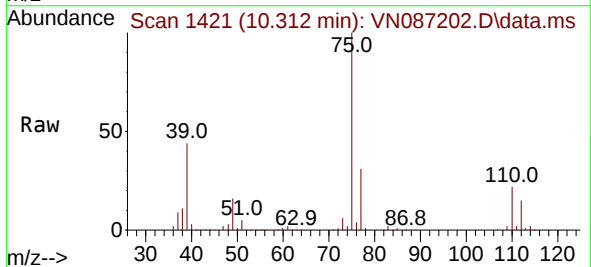
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

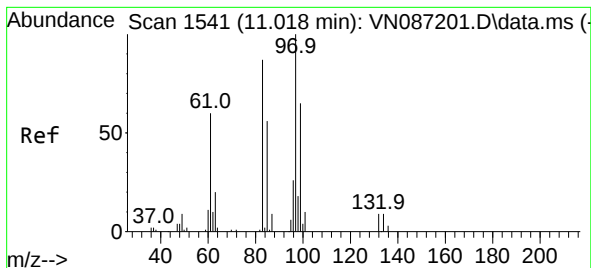
Tgt Ion: 75 Resp: 391177
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 99.474 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 75 Resp: 415729
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2
39 43.4 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 96.374 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 233977

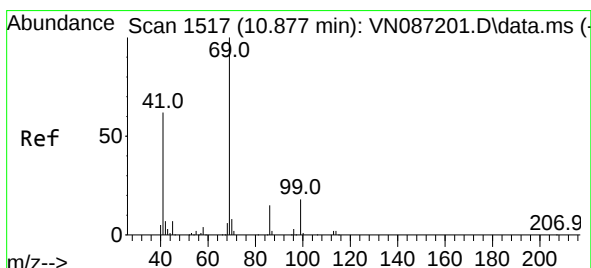
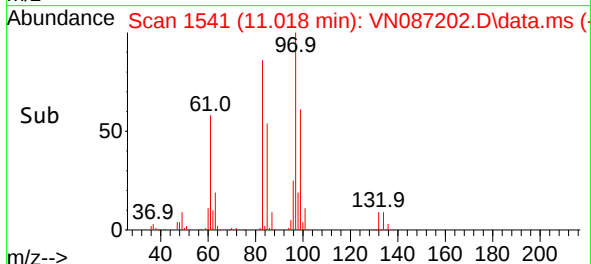
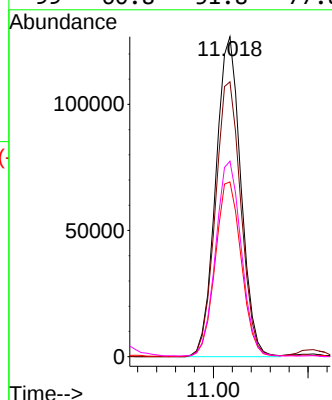
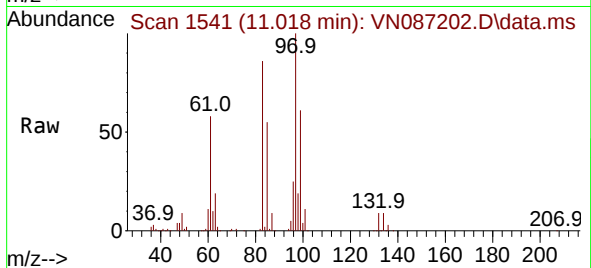
Ion Ratio Lower Upper

97 100

83 85.9 69.5 104.3

85 54.6 44.7 67.1

99 60.8 51.8 77.8



#56

Ethyl methacrylate

Concen: 100.670 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.001 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

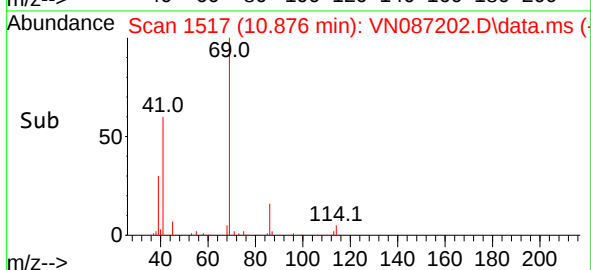
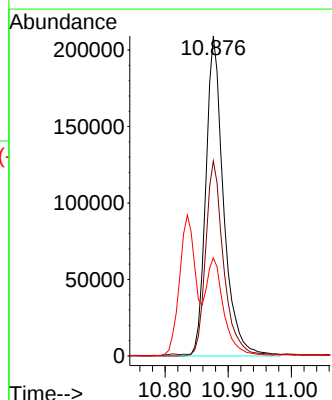
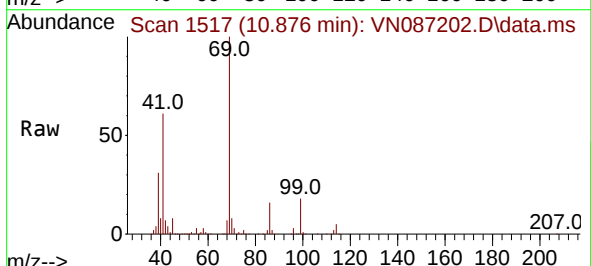
Tgt Ion: 69 Resp: 409710

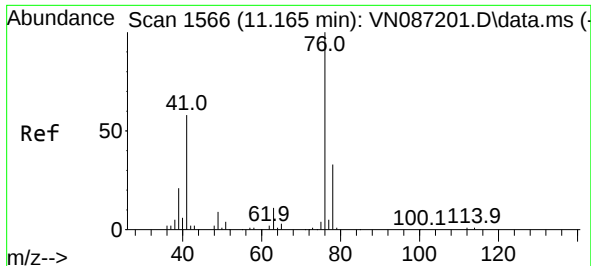
Ion Ratio Lower Upper

69 100

41 61.0 48.4 72.6

39 29.2 24.1 36.1

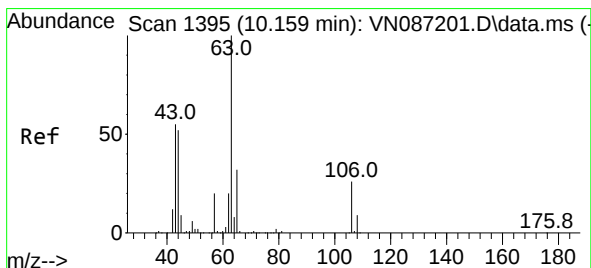
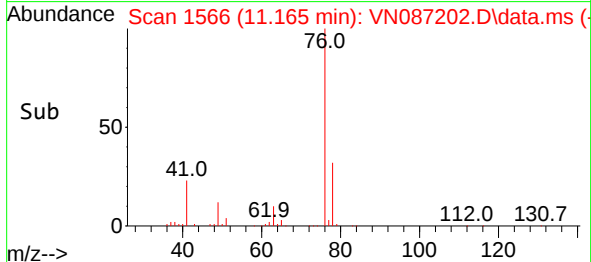
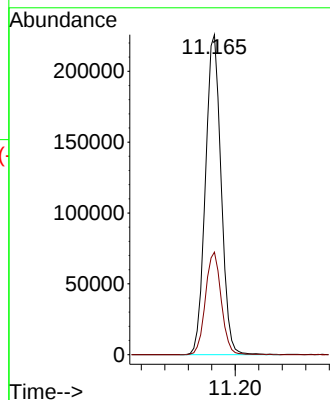
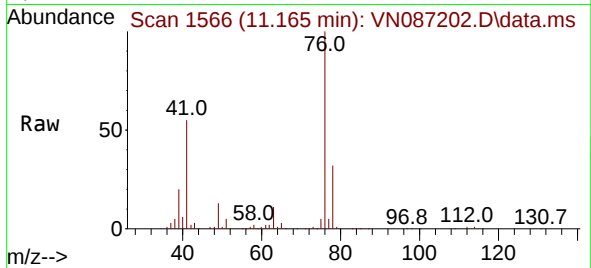




#57
1,3-Dichloropropane
Concen: 97.306 ug/l
RT: 11.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

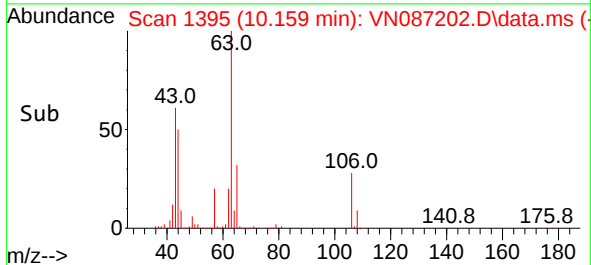
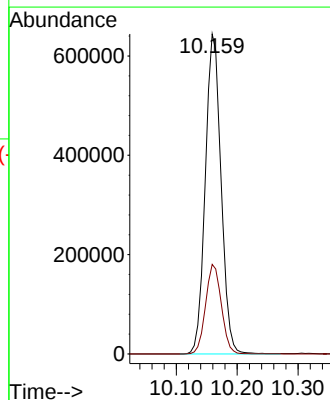
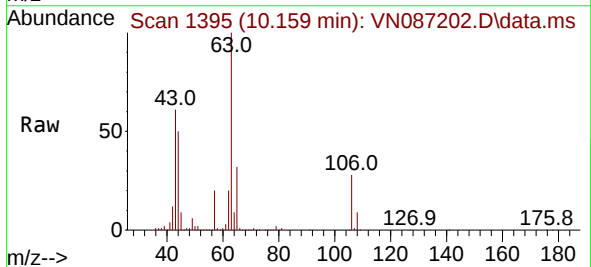
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

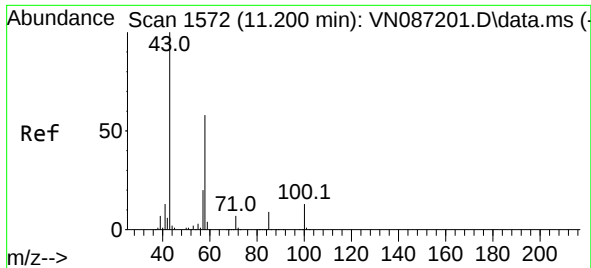
Tgt Ion: 76 Resp: 417372
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 529.046 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 63 Resp: 1158769
Ion Ratio Lower Upper
63 100
106 28.0 21.7 32.5

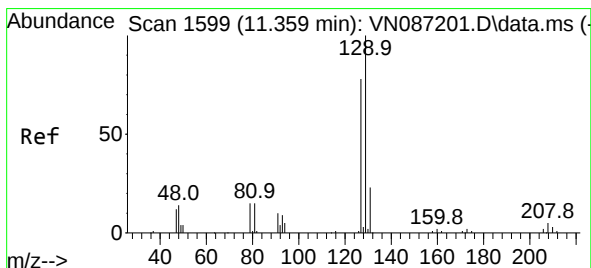
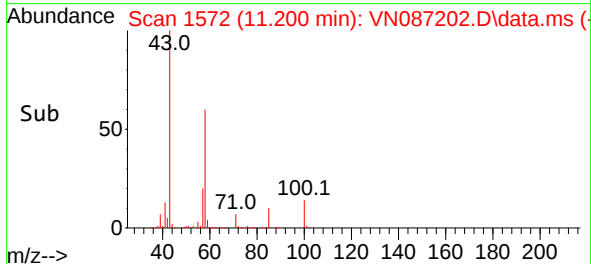
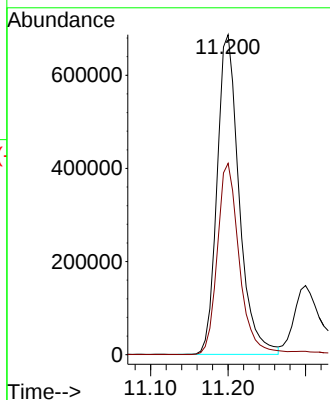
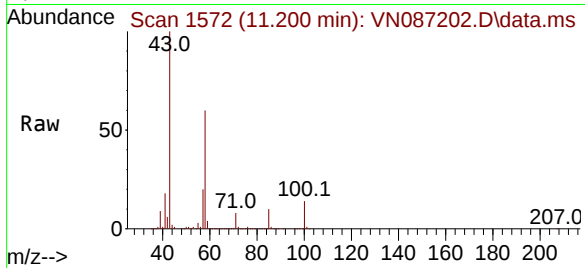




#59
2-Hexanone
Concen: 510.308 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

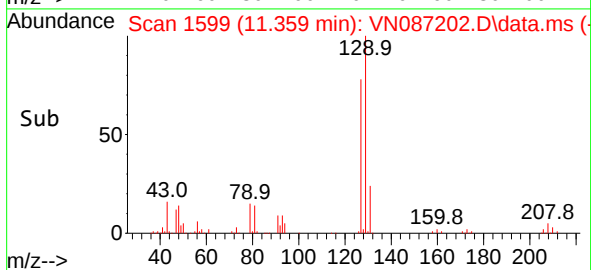
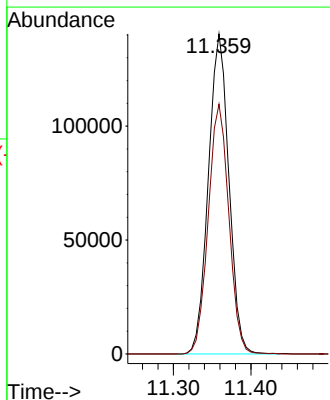
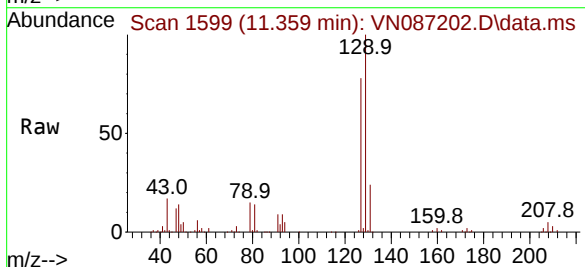
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

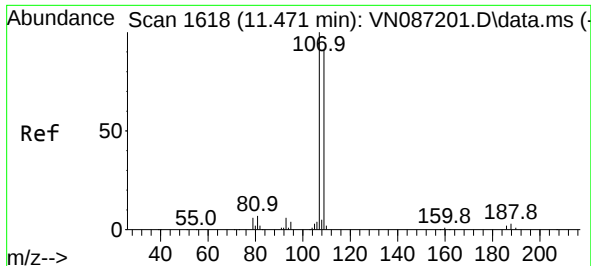
Tgt Ion: 43 Resp: 1356383
Ion Ratio Lower Upper
43 100
58 59.8 31.1 93.3



#60
Dibromochloromethane
Concen: 98.087 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion:129 Resp: 258980
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.6

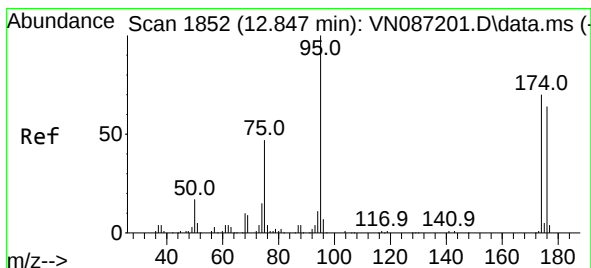
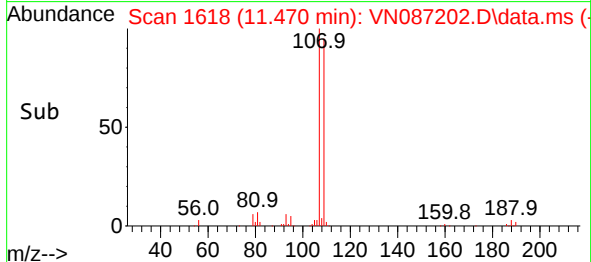
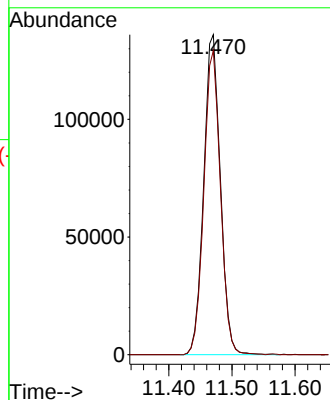
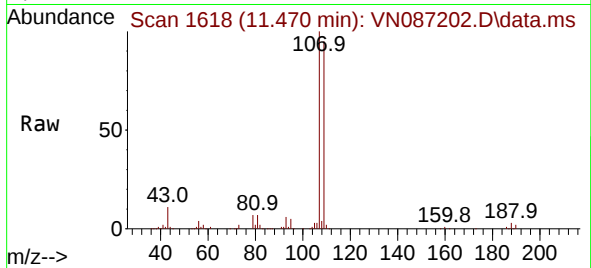




#61
1,2-Dibromoethane
Concen: 96.877 ug/l
RT: 11.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

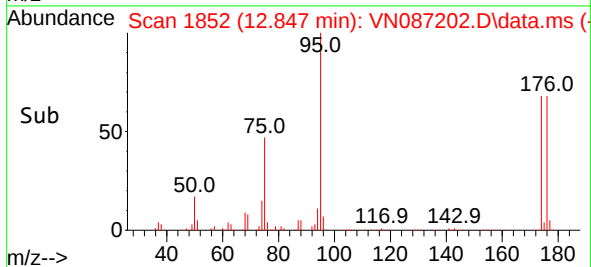
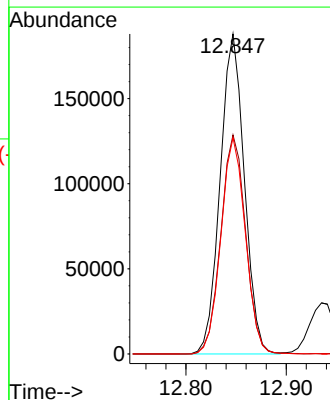
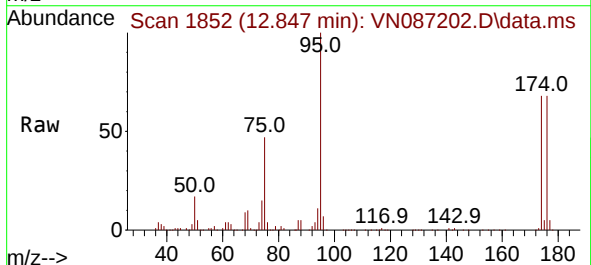
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

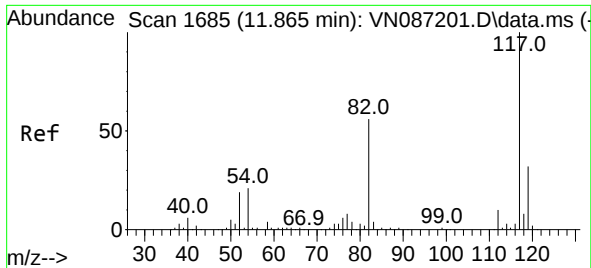
Tgt Ion:107 Resp: 248616
Ion Ratio Lower Upper
107 100
109 94.7 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 98.556 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 95 Resp: 313813
Ion Ratio Lower Upper
95 100
174 70.2 0.0 142.2
176 68.4 0.0 134.8

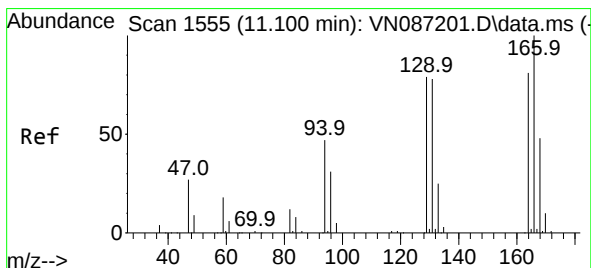
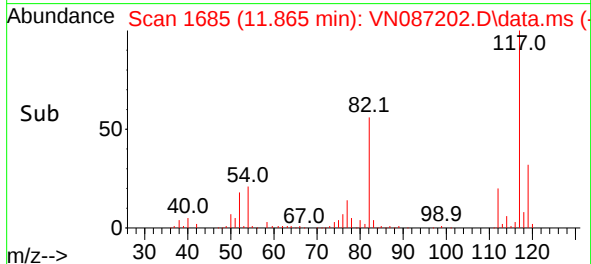
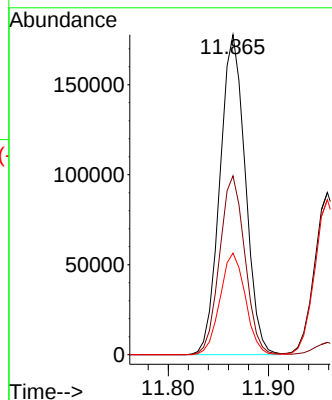
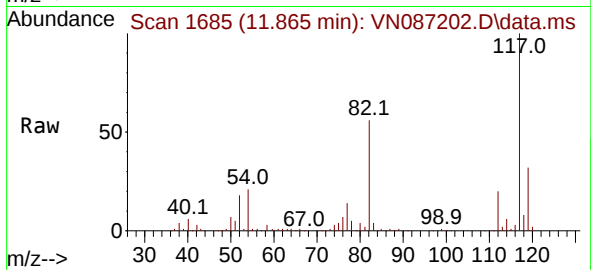




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

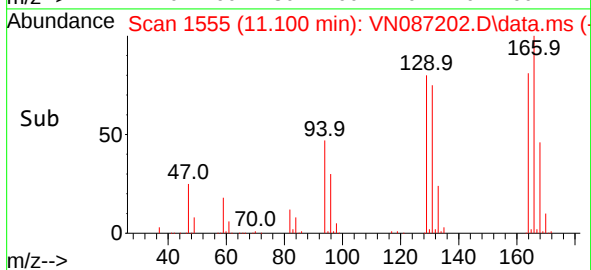
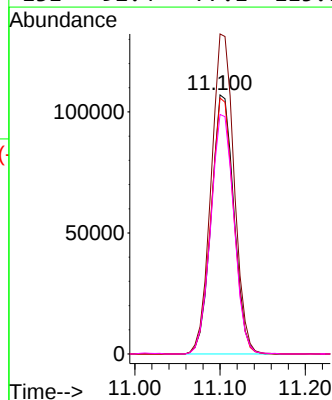
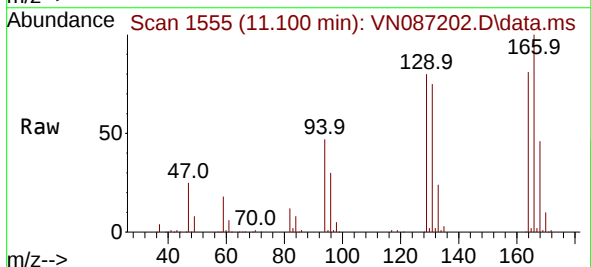
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

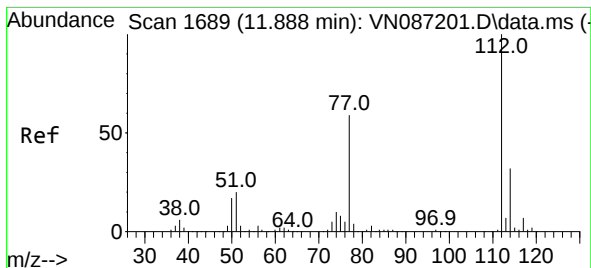
Tgt Ion:117 Resp: 312910
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 31.8 25.9 38.9



#64
Tetrachloroethene
Concen: 102.793 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion:164 Resp: 196864
Ion Ratio Lower Upper
164 100
166 123.5 98.8 148.2
129 98.8 78.3 117.5
131 92.4 77.1 115.7

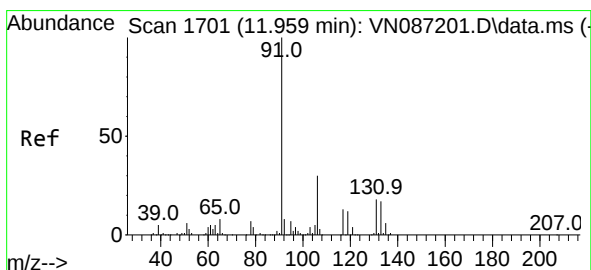
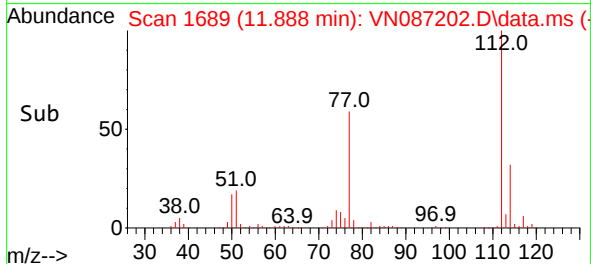
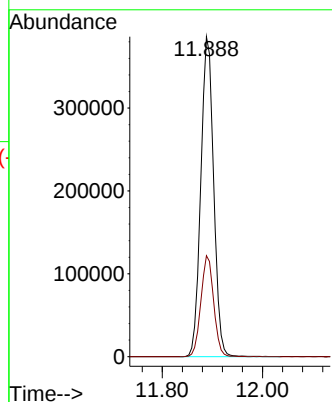
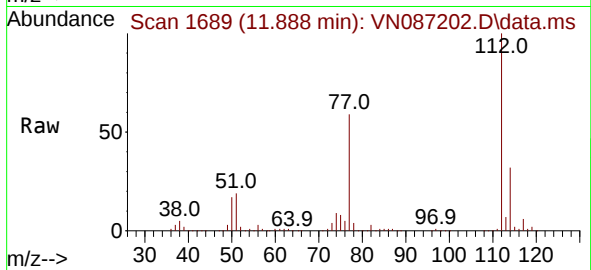




#65
Chlorobenzene
Concen: 98.973 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

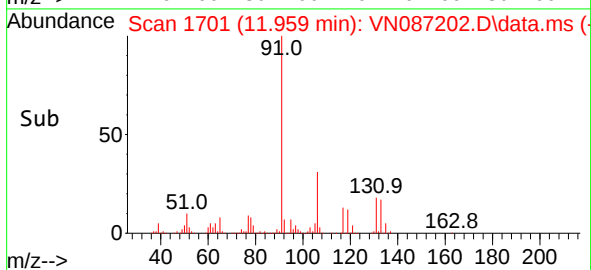
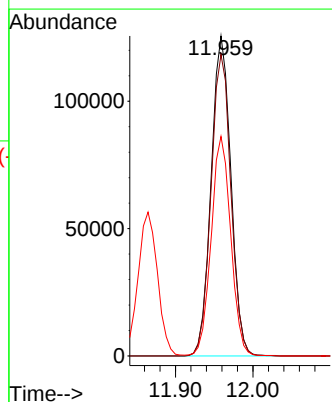
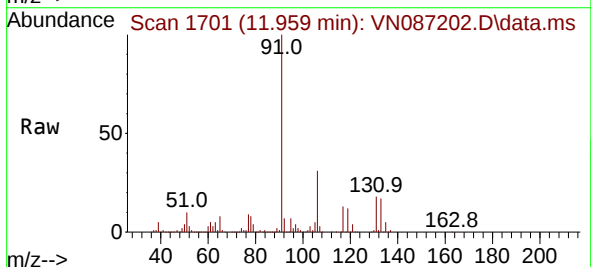
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

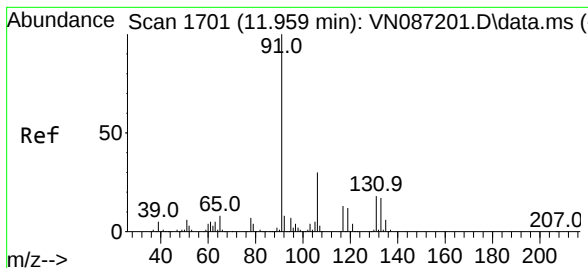
Tgt Ion:112 Resp: 686925
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 100.199 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion:131 Resp: 222133
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.6
119 68.1 34.6 103.9

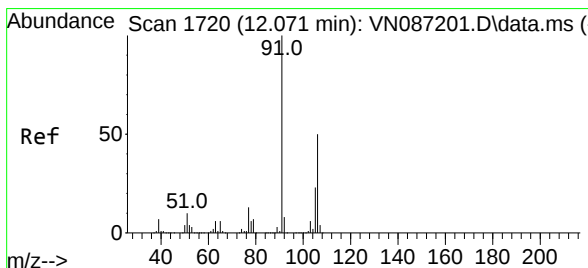
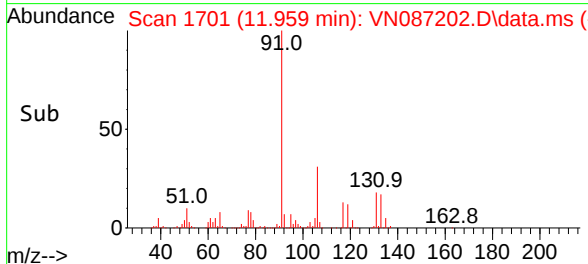
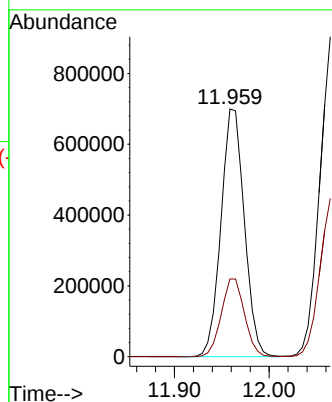
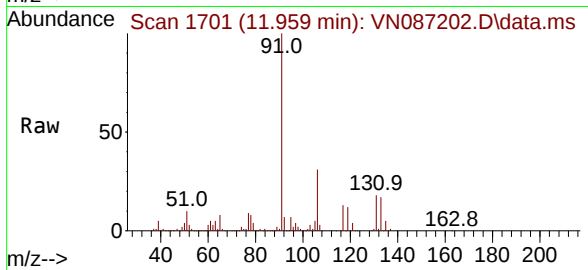




#67
Ethyl Benzene
Concen: 103.579 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

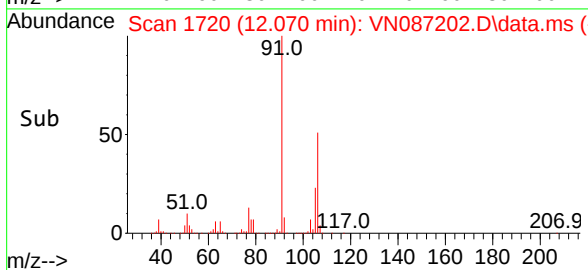
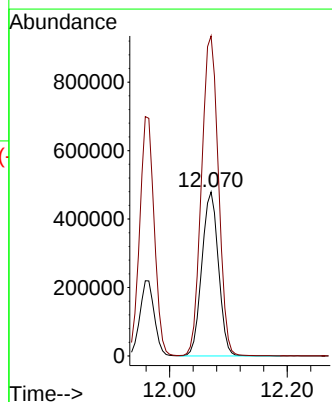
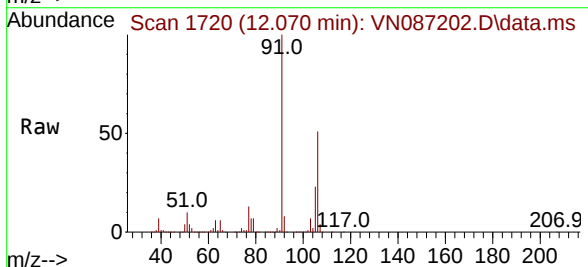
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

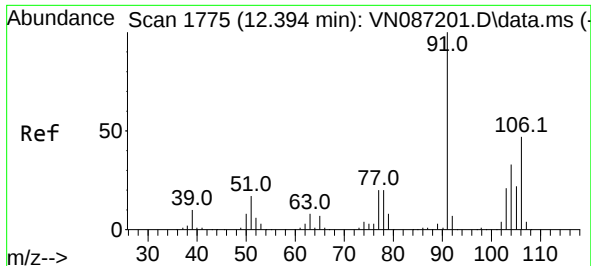
Tgt Ion: 91 Resp: 1198963
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.2



#68
m/p-Xylenes
Concen: 211.557 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion:106 Resp: 937003
Ion Ratio Lower Upper
106 100
91 198.9 161.0 241.6

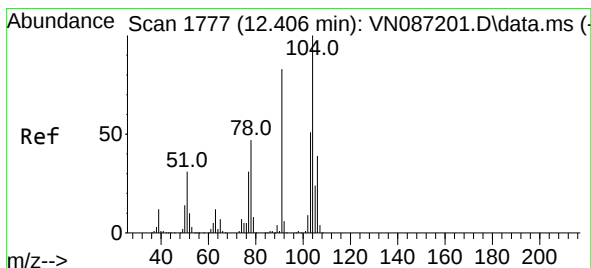
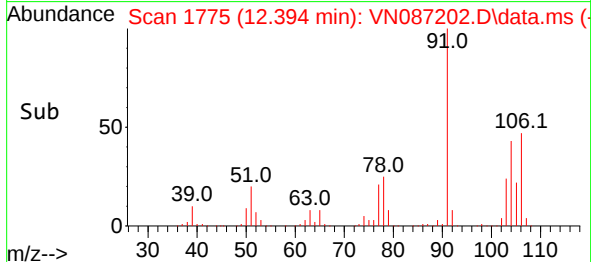
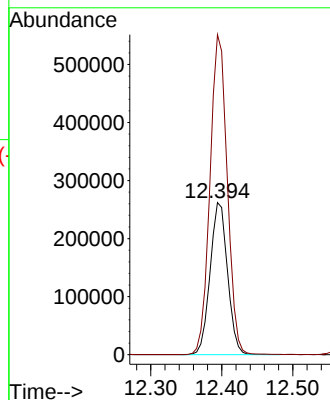
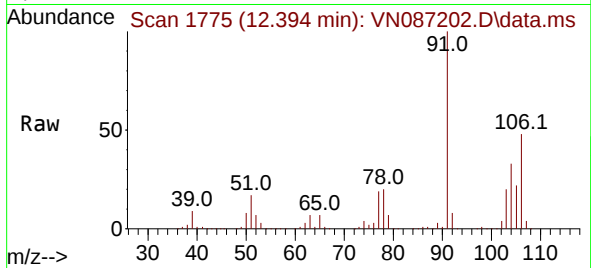




#69
o-Xylene
Concen: 110.841 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

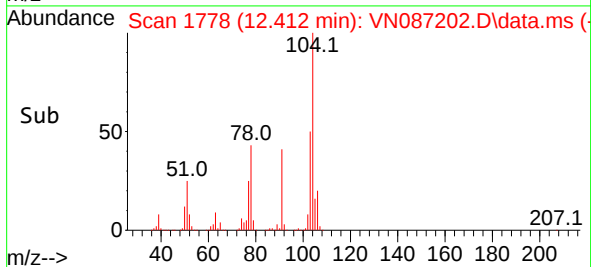
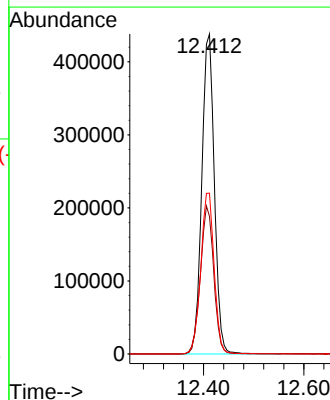
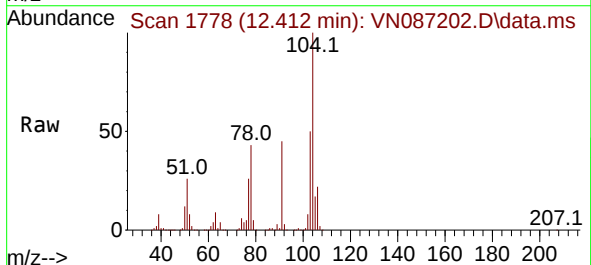
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

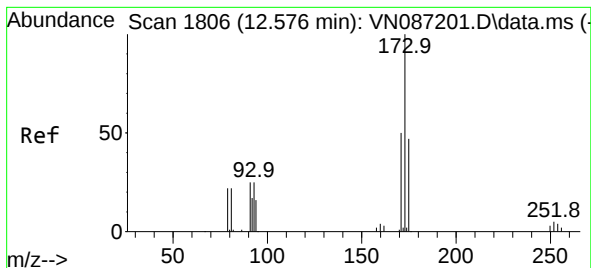
Tgt Ion:106 Resp: 446273
Ion Ratio Lower Upper
106 100
91 208.5 106.7 320.1



#70
Styrene
Concen: 110.374 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion:104 Resp: 762764
Ion Ratio Lower Upper
104 100
78 48.9 39.3 58.9
103 53.8 43.8 65.6





#71

Bromoform

Concen: 104.408 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

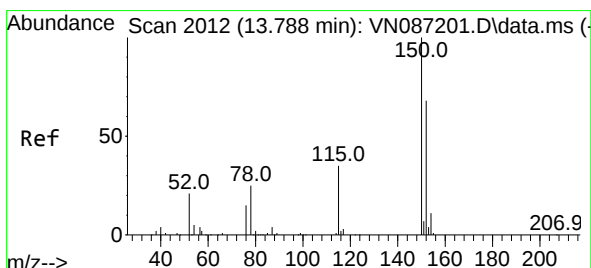
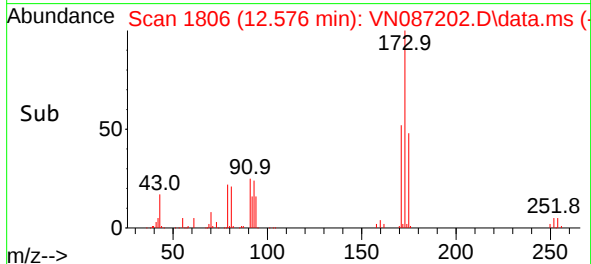
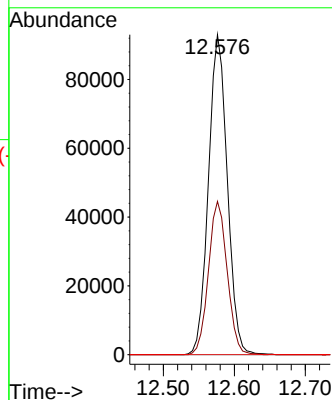
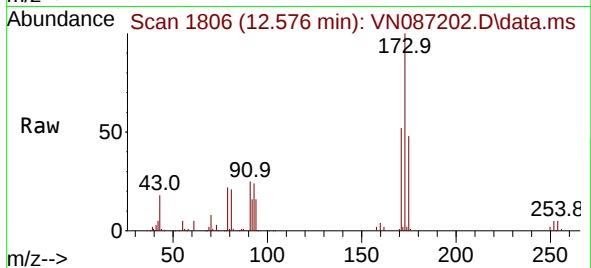
Tgt Ion:173 Resp: 171779

Ion Ratio Lower Upper

173 100

175 47.6 23.8 71.2

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: VN087202.D

Acq: 26 Jun 2025 18:18

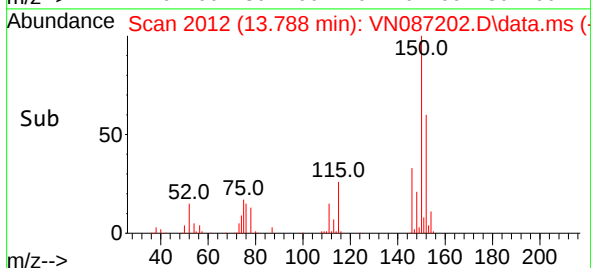
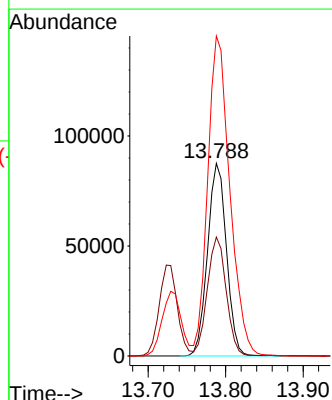
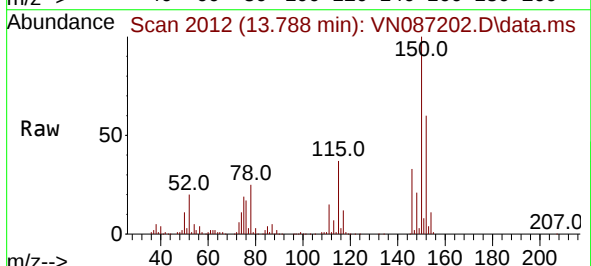
Tgt Ion:152 Resp: 148691

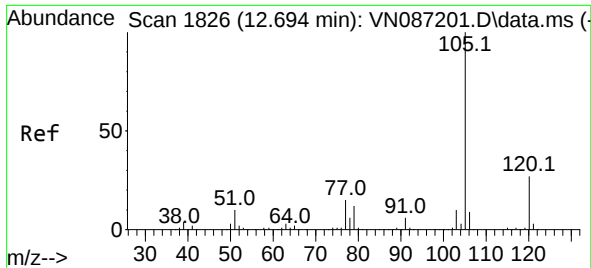
Ion Ratio Lower Upper

152 100

115 60.7 30.6 91.8

150 193.4 0.0 347.8

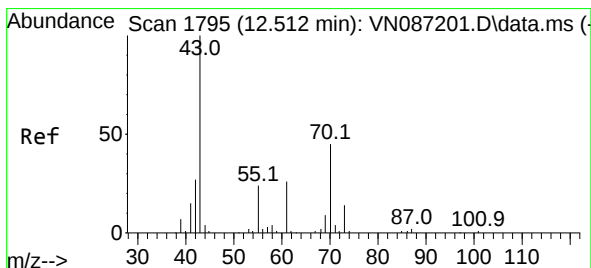
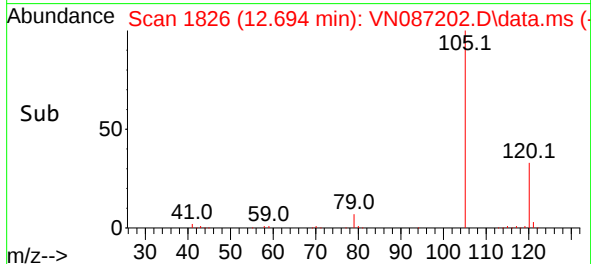
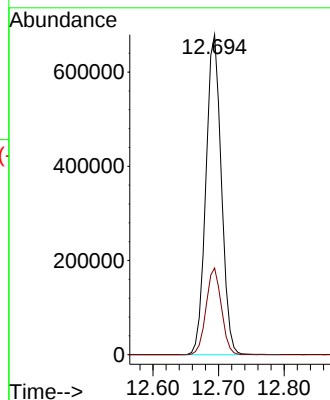
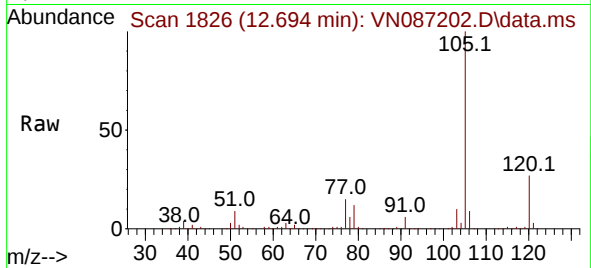




#73
Isopropylbenzene
Concen: 110.356 ug/l
RT: 12.694 min Scan# 1110817
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

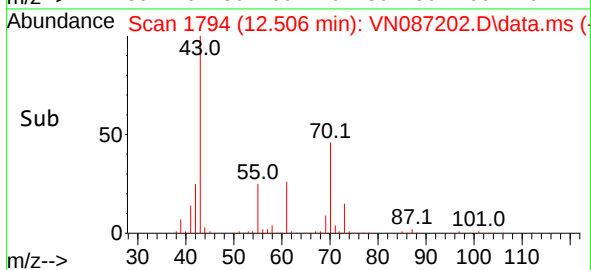
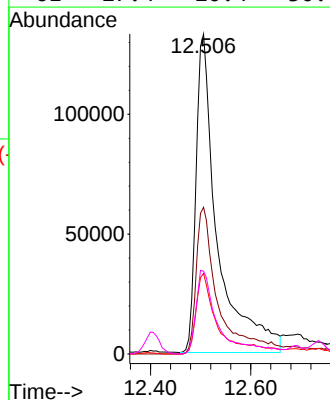
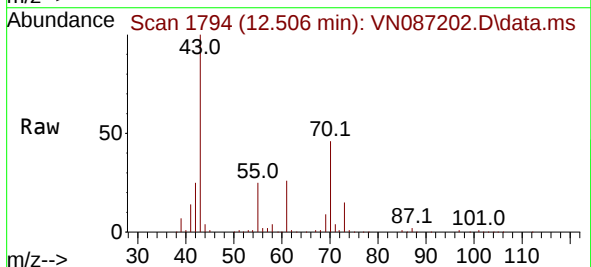
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

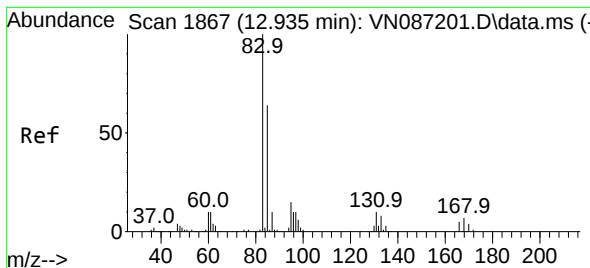
Tgt Ion:105 Resp: 1110817
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 106.101 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 43 Resp: 394633
Ion Ratio Lower Upper
43 100
70 47.6 32.8 49.2
55 26.1 16.4 24.6#
61 27.4 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 101.494 ug/l

RT: 12.935 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

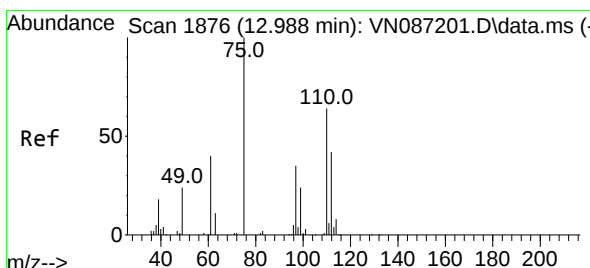
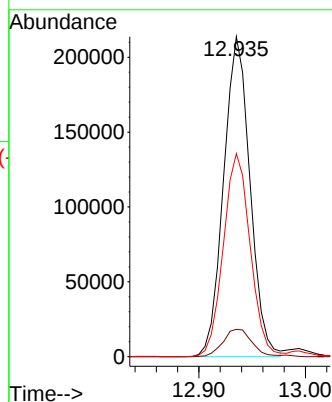
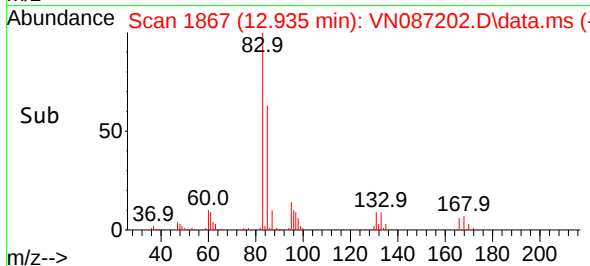
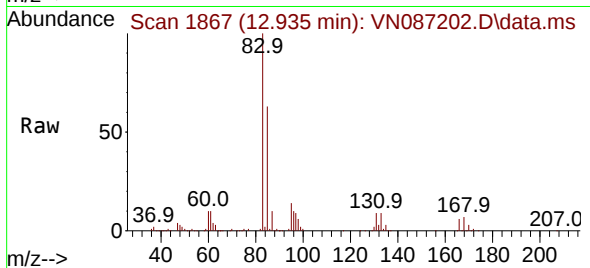
Tgt Ion: 83 Resp: 367954

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

85 64.7 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 145.501 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN087202.D

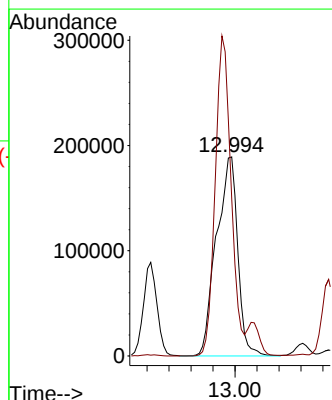
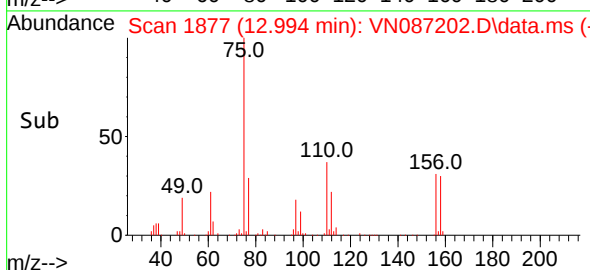
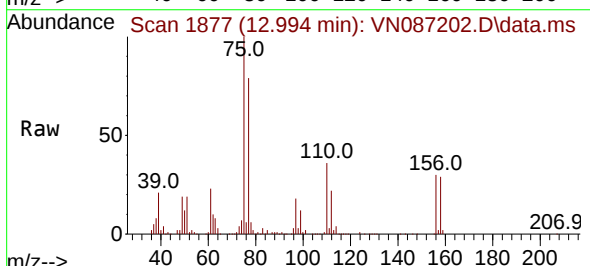
Acq: 26 Jun 2025 18:18

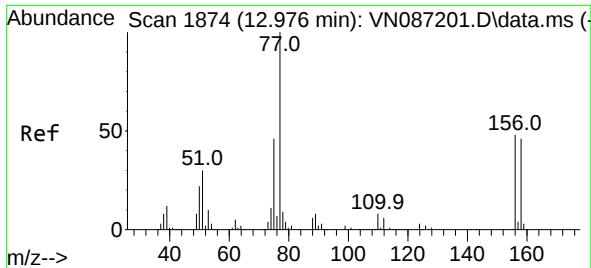
Tgt Ion: 75 Resp: 508963

Ion Ratio Lower Upper

75 100

77 120.2 85.5 256.6

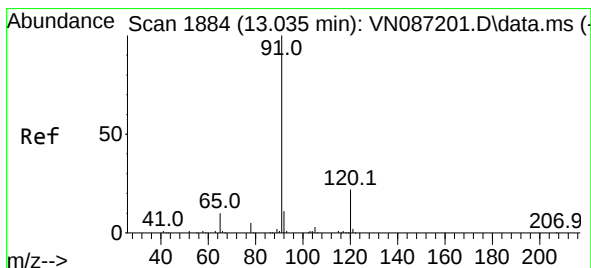
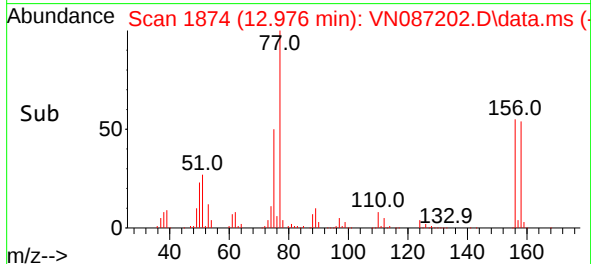
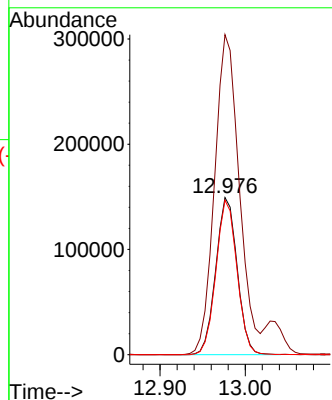
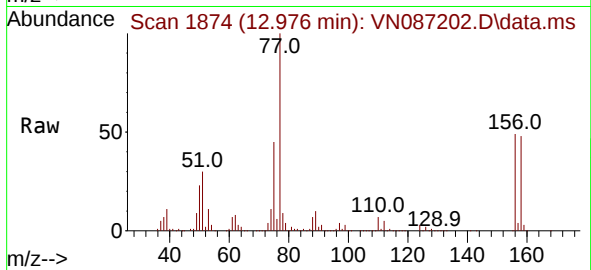




#77
Bromobenzene
Concen: 106.292 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

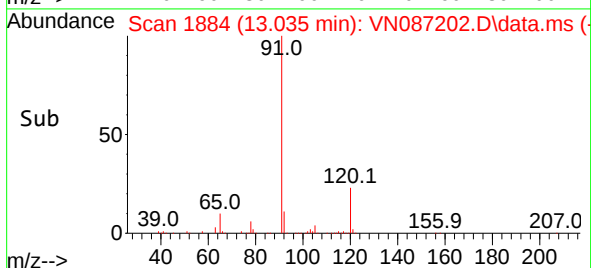
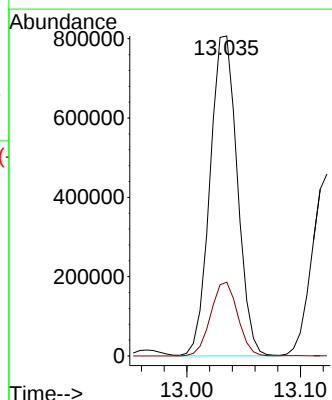
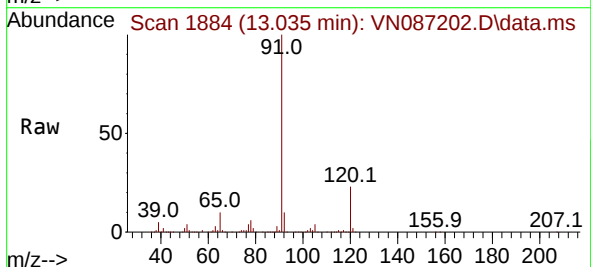
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

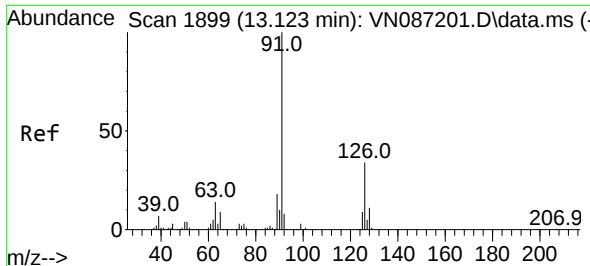
Tgt Ion:156 Resp: 260023
Ion Ratio Lower Upper
156 100
77 235.3 119.6 358.9
158 97.0 48.6 145.9



#78
n-propylbenzene
Concen: 108.828 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 91 Resp: 1349217
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4

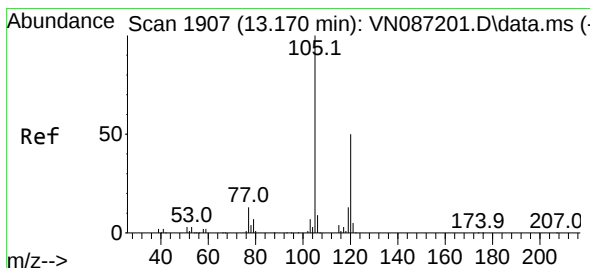
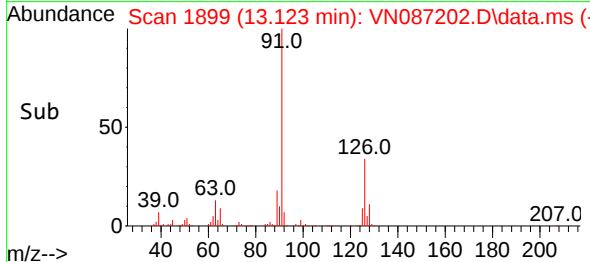
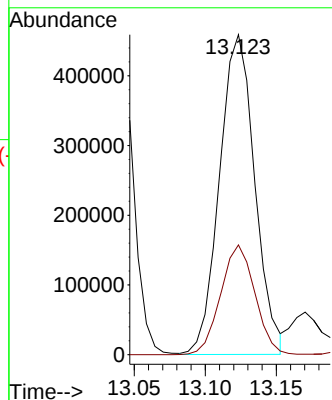
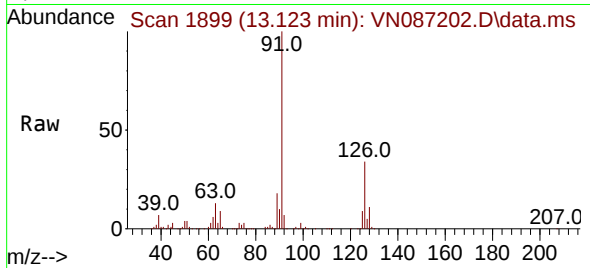




#79
2-Chlorotoluene
Concen: 102.667 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

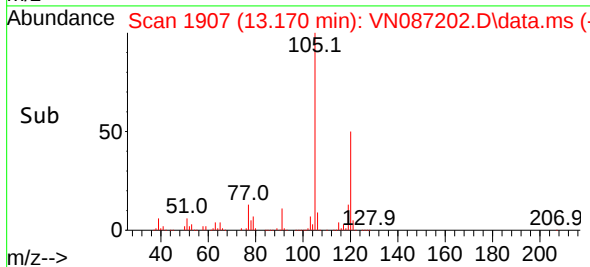
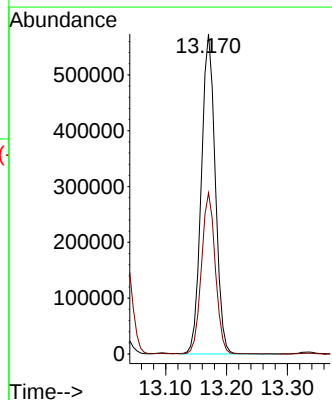
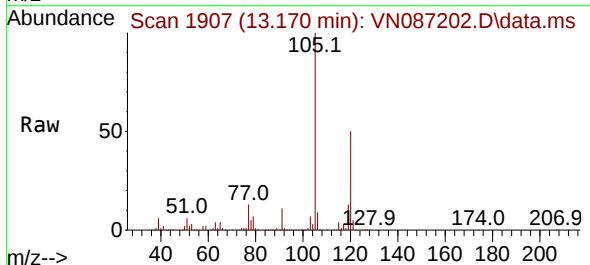
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

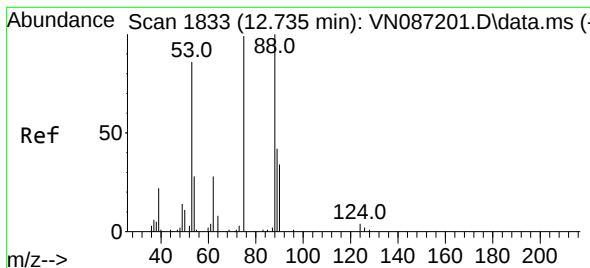
Tgt Ion: 91 Resp: 792357
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 109.924 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 105 Resp: 913429
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.3

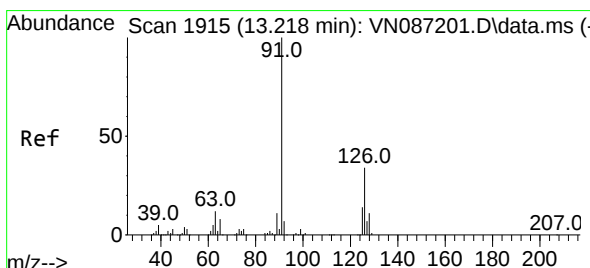
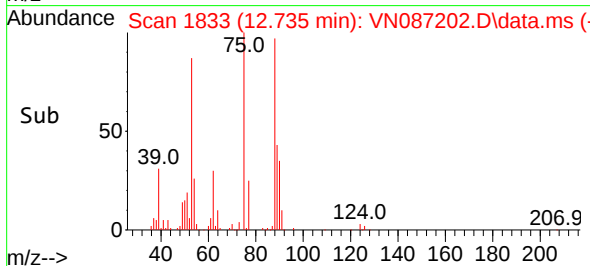
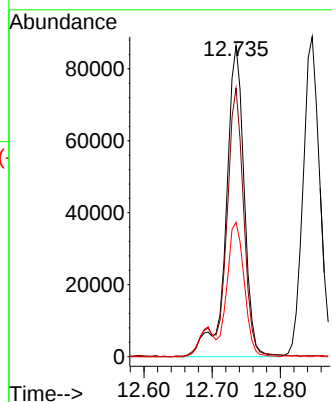
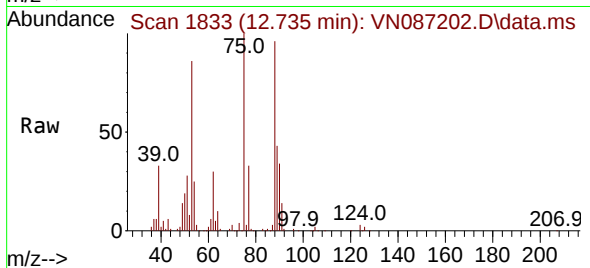




#81
trans-1,4-Dichloro-2-butene
Concen: 107.845 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

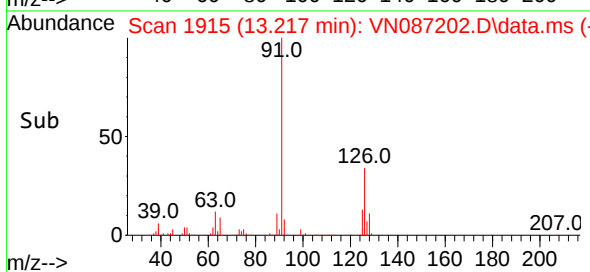
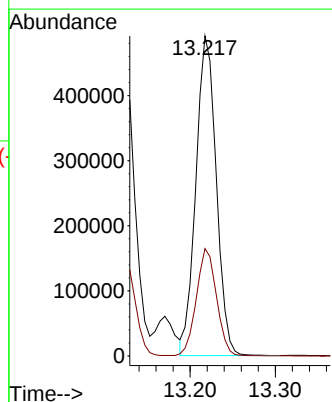
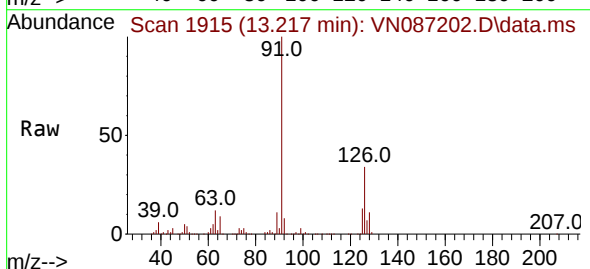
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

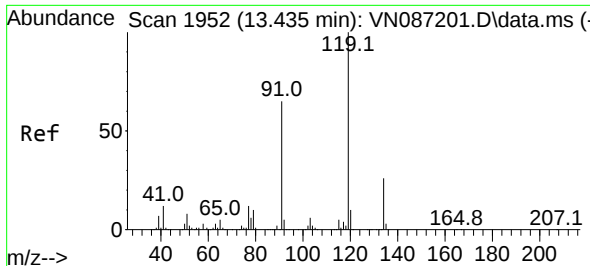
Tgt Ion: 75 Resp: 159408
Ion Ratio Lower Upper
75 100
53 78.7 71.4 107.0
89 41.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 106.080 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 91 Resp: 816172
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.1

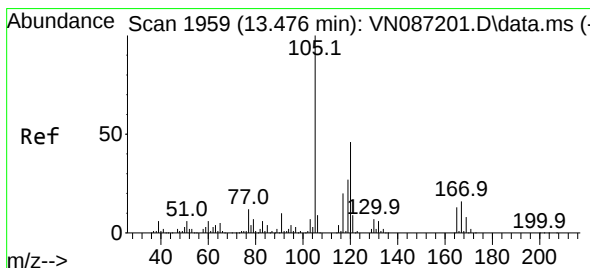
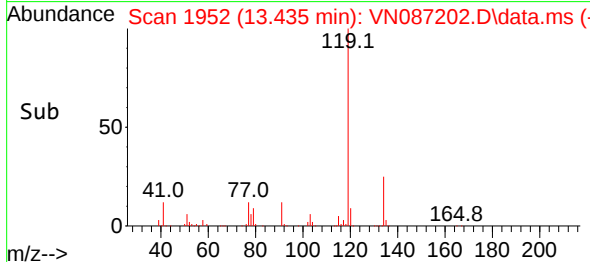
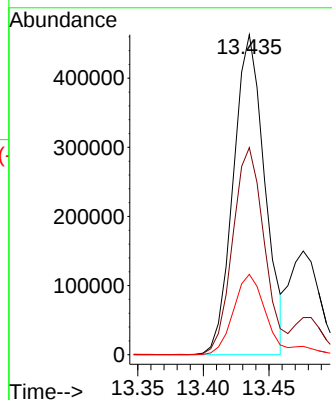
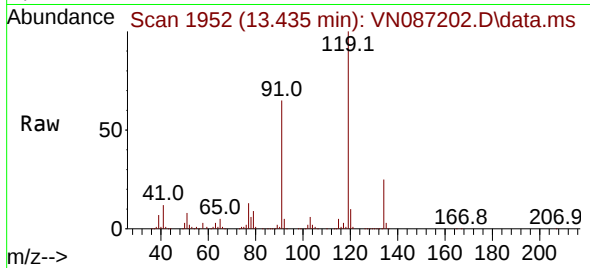




#83
tert-Butylbenzene
Concen: 108.215 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

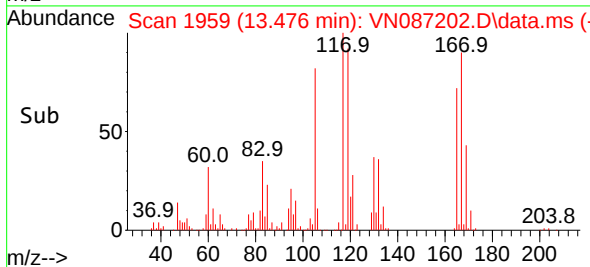
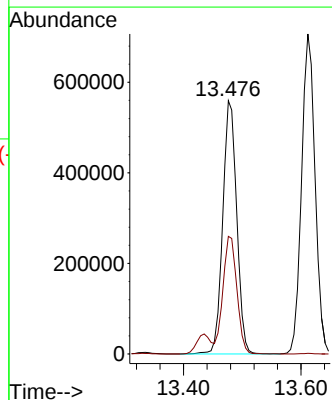
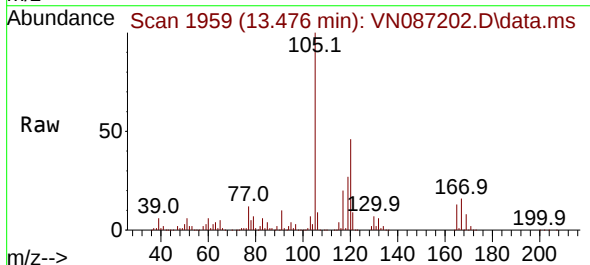
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

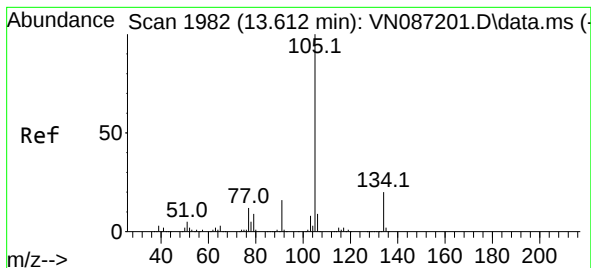
Tgt Ion:119 Resp: 772423
Ion Ratio Lower Upper
119 100
91 65.6 32.9 98.7
134 27.1 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 109.167 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion:105 Resp: 920480
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.8





#85

sec-Butylbenzene

Concen: 107.147 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

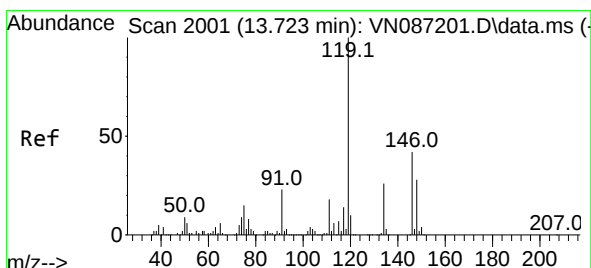
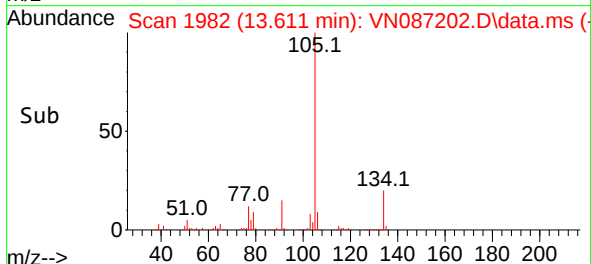
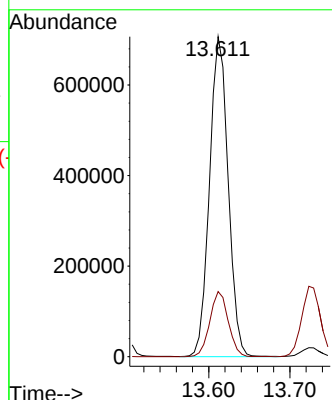
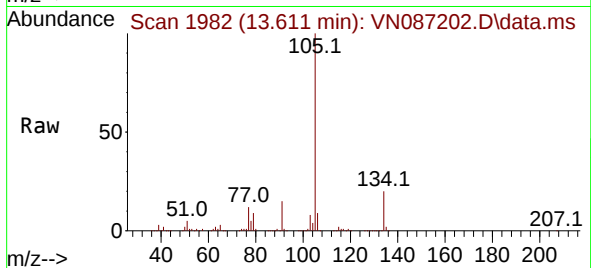
VSTDIC100

Tgt Ion:105 Resp: 1126759

Ion Ratio Lower Upper

105 100

134 20.1 9.9 29.7



#86

p-Isopropyltoluene

Concen: 109.433 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

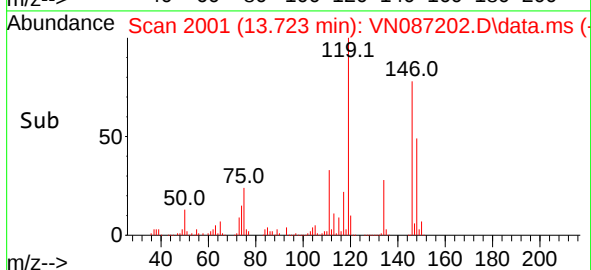
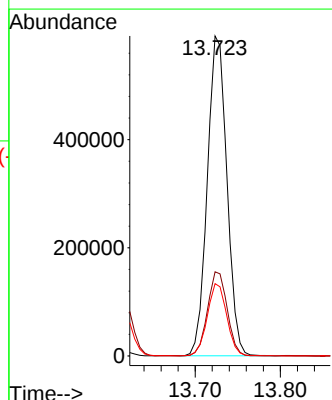
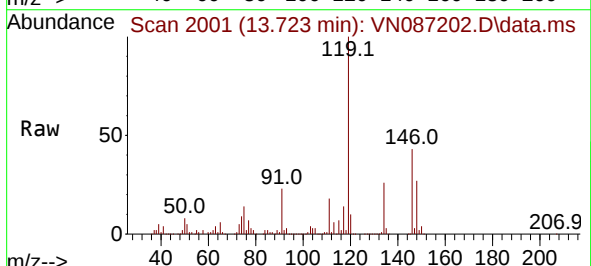
Tgt Ion:119 Resp: 943846

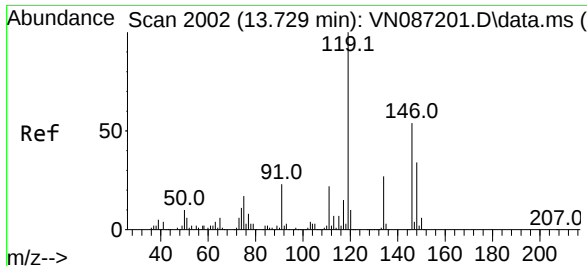
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 22.5 11.5 34.4

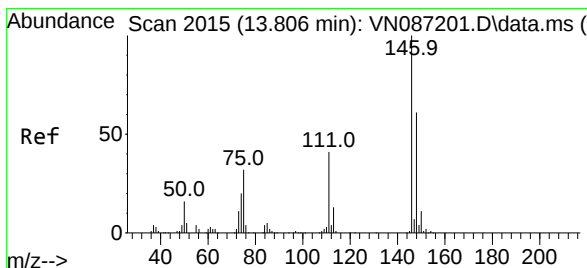
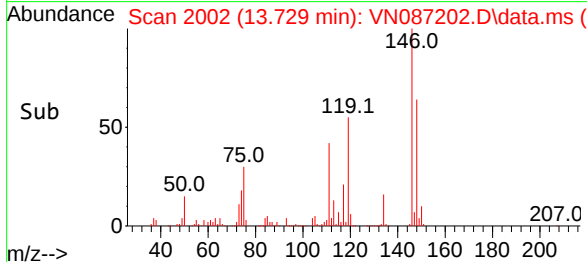
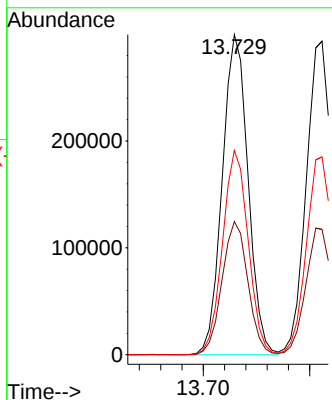
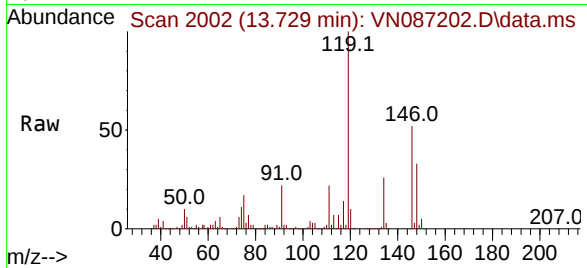




#87
 1,3-Dichlorobenzene
 Concen: 102.237 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087202.D
 Acq: 26 Jun 2025 18:18

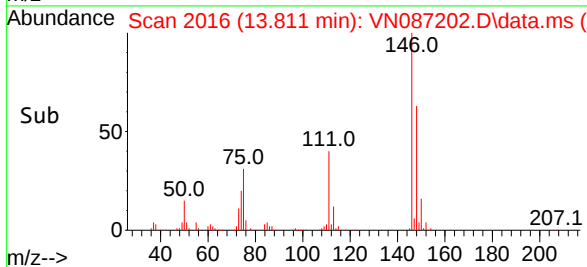
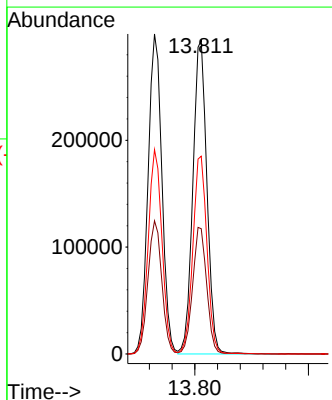
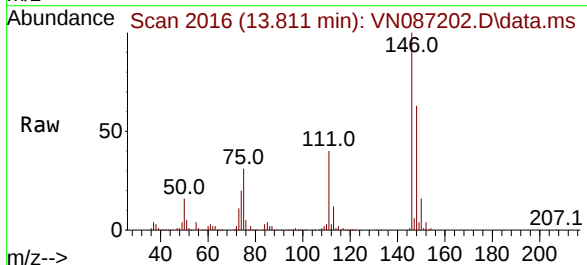
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

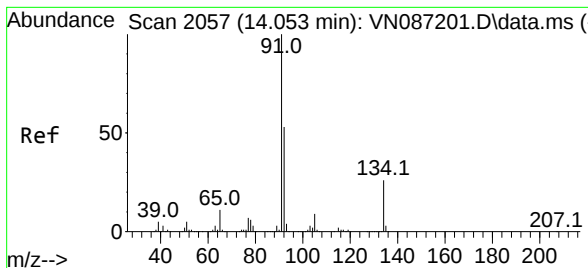
Tgt Ion:146 Resp: 503280
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.4
 148 63.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 99.865 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN087202.D
 Acq: 26 Jun 2025 18:18

Tgt Ion:146 Resp: 505455
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.6
 148 63.1 31.4 94.0





#89

n-Butylbenzene

Concen: 104.247 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

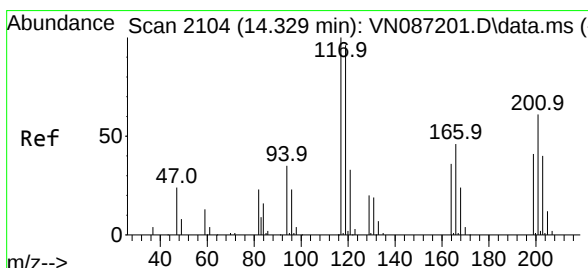
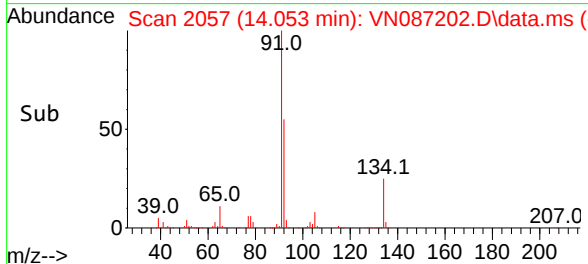
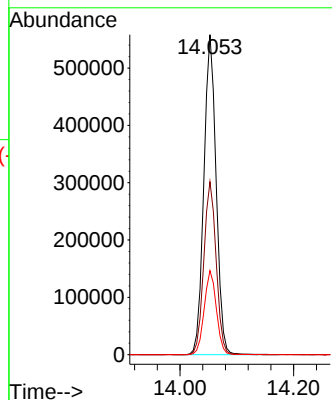
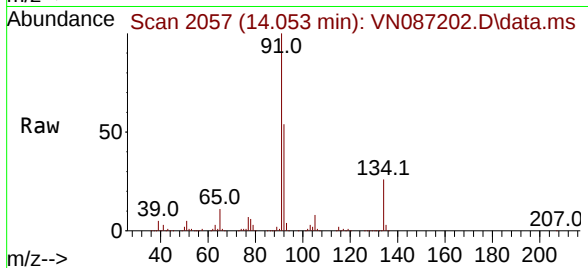
Tgt Ion: 91 Resp: 835367

Ion Ratio Lower Upper

91 100

92 54.4 26.9 80.7

134 26.0 12.8 38.4



#90

Hexachloroethane

Concen: 103.803 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN087202.D

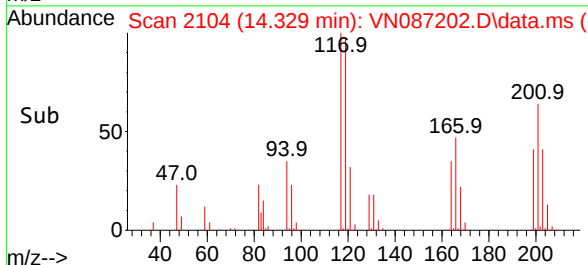
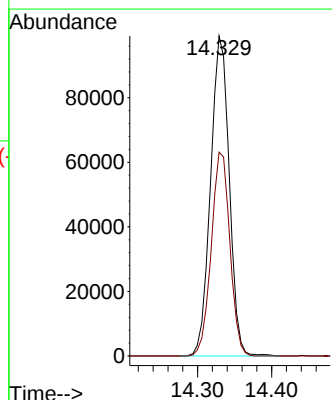
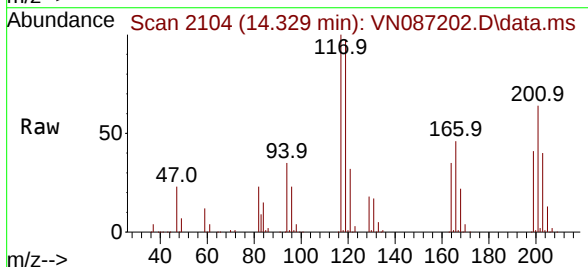
Acq: 26 Jun 2025 18:18

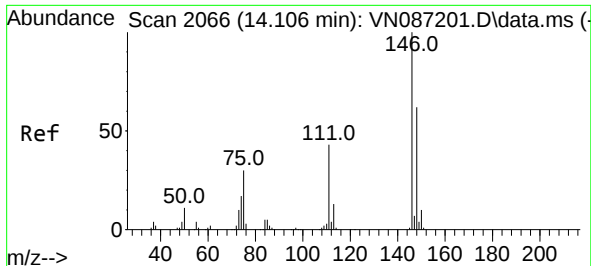
Tgt Ion: 117 Resp: 173255

Ion Ratio Lower Upper

117 100

201 63.5 31.8 95.3

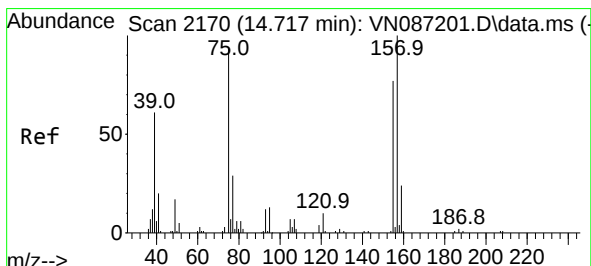
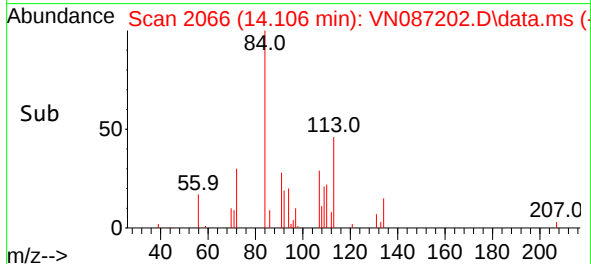
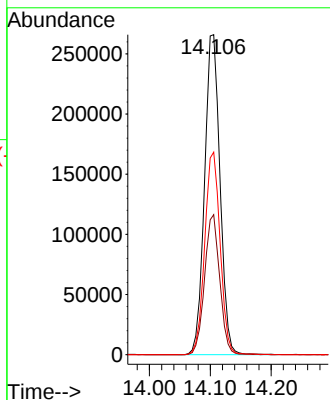
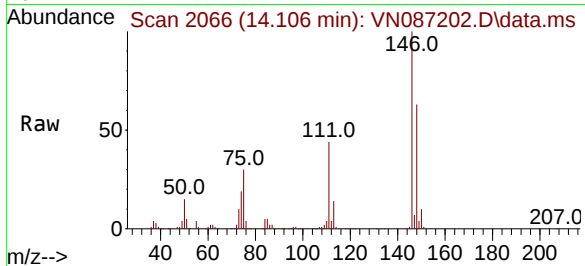




#91
1,2-Dichlorobenzene
Concen: 101.366 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

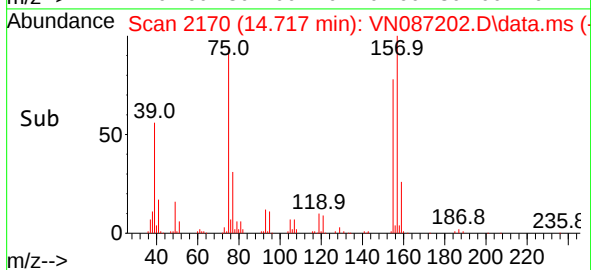
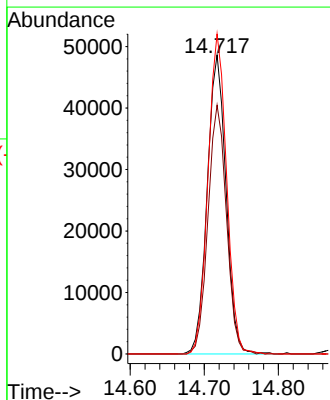
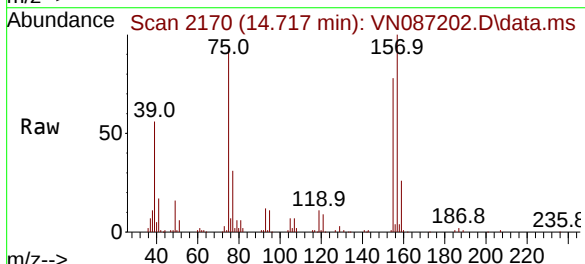
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

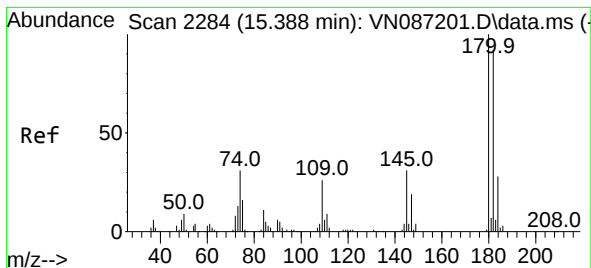
Tgt Ion:146 Resp: 469960
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.2
148 63.1 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 103.683 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087202.D
Acq: 26 Jun 2025 18:18

Tgt Ion: 75 Resp: 85807
Ion Ratio Lower Upper
75 100
155 81.8 39.4 118.1
157 105.8 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 105.314 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

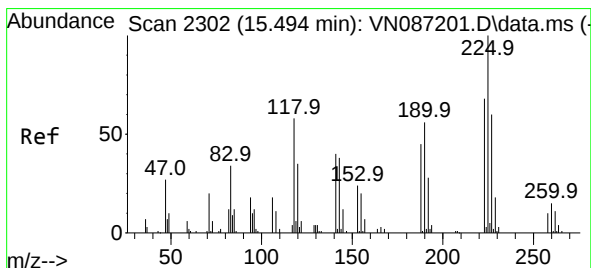
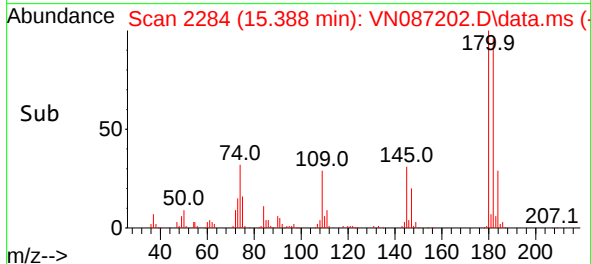
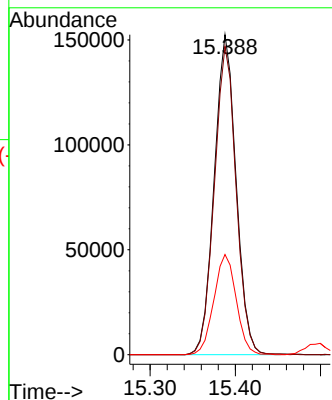
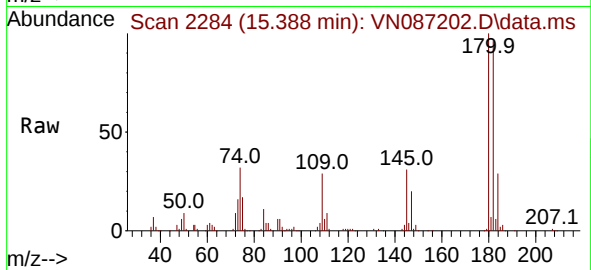
Tgt Ion:180 Resp: 271823

Ion Ratio Lower Upper

180 100

182 96.0 47.1 141.3

145 32.1 16.2 48.5



#94

Hexachlorobutadiene

Concen: 98.563 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.000 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

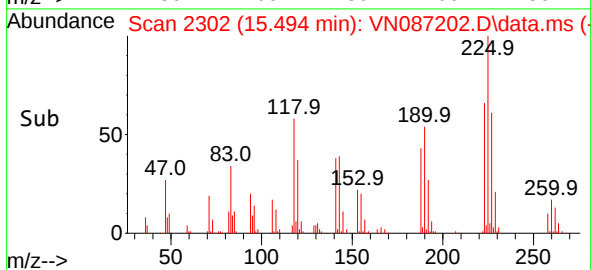
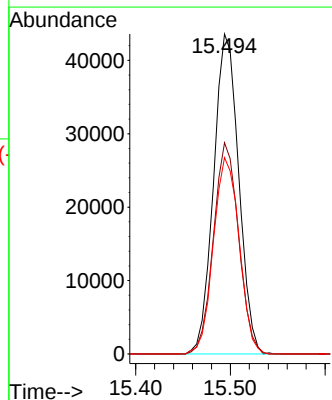
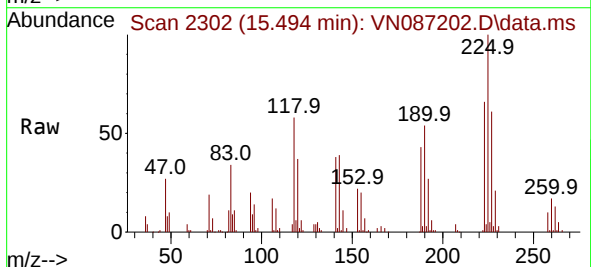
Tgt Ion:225 Resp: 80252

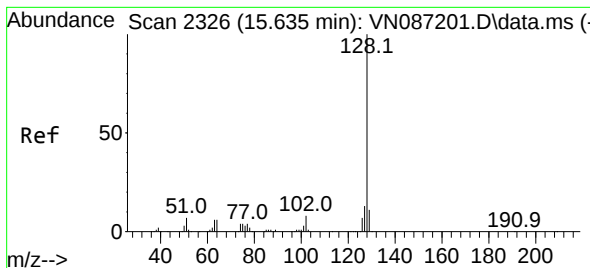
Ion Ratio Lower Upper

225 100

223 65.9 32.9 98.6

227 63.0 32.0 96.2





#95

Naphthalene

Concen: 112.071 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

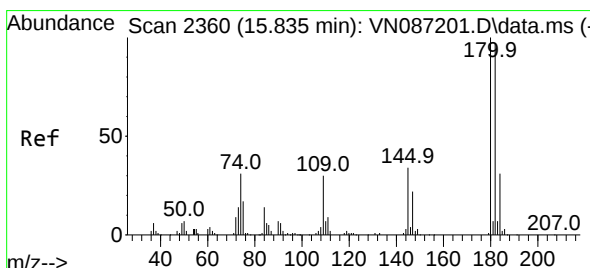
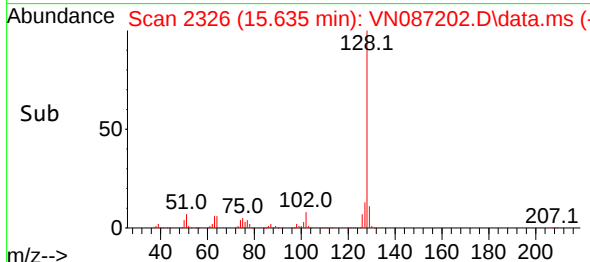
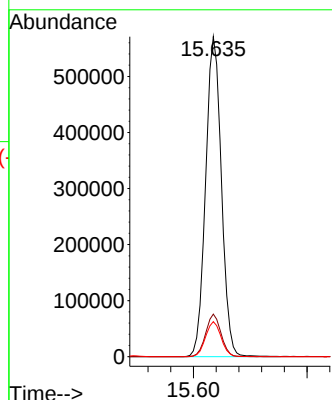
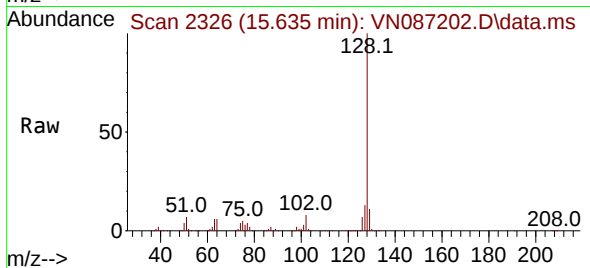
Tgt Ion:128 Resp: 1097397

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 103.099 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN087202.D

Acq: 26 Jun 2025 18:18

Tgt Ion:180 Resp: 262741

Ion Ratio Lower Upper

180 100

182 94.2 47.5 142.6

145 33.7 16.9 50.7

