

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071625\
 Data File : VN087335.D
 Acq On : 16 Jul 2025 19:59
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN071625

Quant Time: Jul 17 03:00:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	198299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	343165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	319692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	166959	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	162194	48.204	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.400%
35) Dibromofluoromethane	8.153	113	118201	49.934	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.860%
50) Toluene-d8	10.547	98	435474	51.573	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.140%
62) 4-Bromofluorobenzene	12.829	95	165160	52.942	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	122218	58.029	ug/l	94
3) Chloromethane	2.383	50	135040	50.986	ug/l	99
4) Vinyl Chloride	2.542	62	141054	53.589	ug/l	93
5) Bromomethane	2.971	94	79496	58.322	ug/l	100
6) Chloroethane	3.130	64	84406	49.172	ug/l	97
7) Trichlorofluoromethane	3.506	101	192022	49.336	ug/l	93
8) Diethyl Ether	3.959	74	76789	50.861	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	98940	49.520	ug/l	99
10) Methyl Iodide	4.577	142	103627	50.369	ug/l	98
11) Tert butyl alcohol	5.530	59	167953	262.884	ug/l	99
12) 1,1-Dichloroethene	4.330	96	102861	45.432	ug/l	97
13) Acrolein	4.171	56	142098	277.145	ug/l	97
14) Allyl chloride	5.006	41	200790	49.004	ug/l	99
15) Acrylonitrile	5.706	53	437956	252.616	ug/l	99
16) Acetone	4.424	43	375335	237.913	ug/l	100
17) Carbon Disulfide	4.700	76	335264	49.947	ug/l	96
18) Methyl Acetate	5.018	43	194657	49.111	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	425099	50.939	ug/l	94
20) Methylene Chloride	5.265	84	131885	49.445	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	120707	47.283	ug/l	97
22) Diisopropyl ether	6.659	45	439978	51.191	ug/l	97
23) Vinyl Acetate	6.594	43	2052885	273.101	ug/l	98
24) 1,1-Dichloroethane	6.553	63	238854	48.170	ug/l	99
25) 2-Butanone	7.477	43	622581	255.411	ug/l	98
26) 2,2-Dichloropropane	7.477	77	176180	45.700	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	148552	50.543	ug/l	96
28) Bromochloromethane	7.800	49	116494	49.089	ug/l	98
29) Tetrahydrofuran	7.830	42	412353	260.404	ug/l	100
30) Chloroform	7.947	83	239752	48.306	ug/l	100
31) Cyclohexane	8.241	56	202863	49.042	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	212405	49.412	ug/l	99
36) 1,1-Dichloropropene	8.353	75	167912	53.690	ug/l	99
37) Ethyl Acetate	7.553	43	241759	53.525	ug/l	99
38) Carbon Tetrachloride	8.347	117	181974	52.821	ug/l	90
39) Methylcyclohexane	9.582	83	179820	53.109	ug/l	96
40) Benzene	8.588	78	529446	52.380	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	127286	53.895	ug/l	98
42) 1,2-Dichloroethane	8.653	62	194804	50.821	ug/l	98
43) Isopropyl Acetate	8.677	43	374957	53.477	ug/l	100
44) Trichloroethene	9.335	130	118775	49.731	ug/l	95
45) 1,2-Dichloropropane	9.606	63	135864	52.900	ug/l	99
46) Dibromomethane	9.688	93	98534	51.241	ug/l	98
47) Bromodichloromethane	9.871	83	200236	51.696	ug/l	97
48) Methyl methacrylate	9.665	41	177068	56.096	ug/l	99
49) 1,4-Dioxane	9.682	88	56917	1177.300	ug/l #	97
51) 4-Methyl-2-Pentanone	10.429	43	1192765	268.966	ug/l	99
52) Toluene	10.612	92	320922	52.236	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	214141	54.628	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	216023	53.351	ug/l	96
55) 1,1,2-Trichloroethane	11.000	97	124090	49.889	ug/l	97
56) Ethyl methacrylate	10.859	69	222410	53.042	ug/l	98
57) 1,3-Dichloropropane	11.147	76	224493	52.202	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	581689	285.088	ug/l	99
59) 2-Hexanone	11.176	43	849057	288.579	ug/l	100
60) Dibromochloromethane	11.341	129	149449	52.685	ug/l	100
61) 1,2-Dibromoethane	11.447	107	135330	51.746	ug/l	94
64) Tetrachloroethene	11.082	164	98391	47.819	ug/l	97
65) Chlorobenzene	11.870	112	347934	48.477	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	123321	50.530	ug/l	99
67) Ethyl Benzene	11.947	91	608779	51.523	ug/l	99
68) m/p-Xylenes	12.053	106	465762	105.269	ug/l	97
69) o-Xylene	12.376	106	224934	53.221	ug/l	99
70) Styrene	12.394	104	387319	54.477	ug/l	98
71) Bromoform	12.559	173	102502	51.987	ug/l #	99
73) Isopropylbenzene	12.676	105	573938	54.619	ug/l	100
74) N-amyl acetate	12.494	43	172024	39.402	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.917	83	203947	51.580	ug/l	98
76) 1,2,3-Trichloropropane	12.976	75	270911	72.360	ug/l	54
77) Bromobenzene	12.959	156	142714	52.368	ug/l	99
78) n-propylbenzene	13.012	91	709437	53.661	ug/l	99
79) 2-Chlorotoluene	13.106	91	426373	52.475	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	484100	54.071	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	69894	51.080	ug/l	97
82) 4-Chlorotoluene	13.200	91	443817	52.464	ug/l	99
83) tert-Butylbenzene	13.417	119	413882	55.349	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	500792	54.773	ug/l	99
85) sec-Butylbenzene	13.594	105	594712	52.800	ug/l	98
86) p-Isopropyltoluene	13.706	119	496291	54.982	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	277102	51.809	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	282084	49.381	ug/l	99
89) n-Butylbenzene	14.035	91	458964	53.250	ug/l	99
90) Hexachloroethane	14.312	117	93464	48.870	ug/l	95
91) 1,2-Dichlorobenzene	14.088	146	260874	51.485	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	50904	49.035	ug/l	97
93) 1,2,4-Trichlorobenzene	15.370	180	155818	52.351	ug/l	99
94) Hexachlorobutadiene	15.476	225	55599	50.273	ug/l	98
95) Naphthalene	15.617	128	586097	55.585	ug/l	98
96) 1,2,3-Trichlorobenzene	15.811	180	157909	52.890	ug/l	99

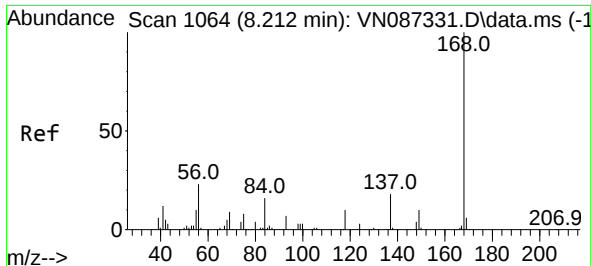
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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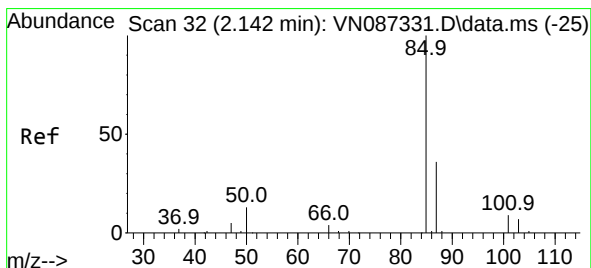
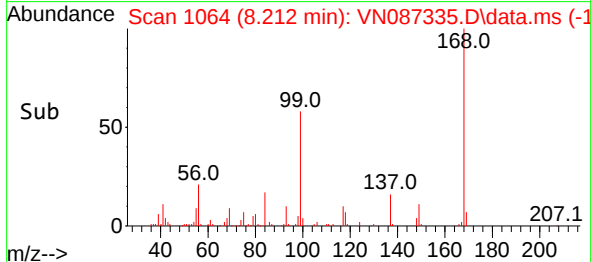
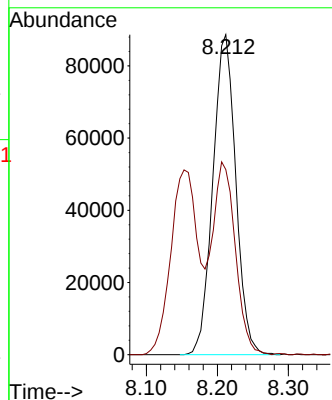
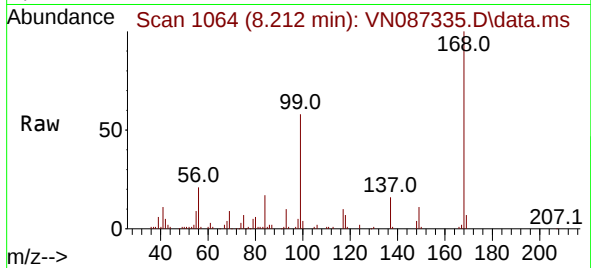
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087335.D
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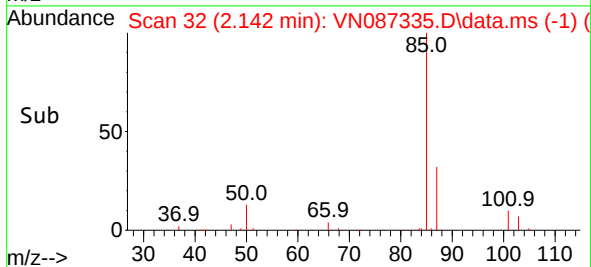
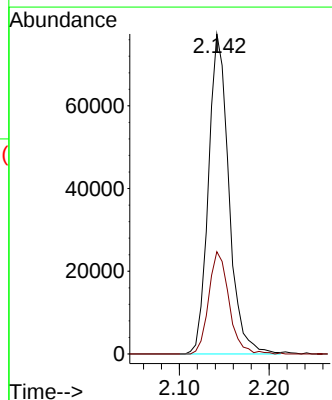
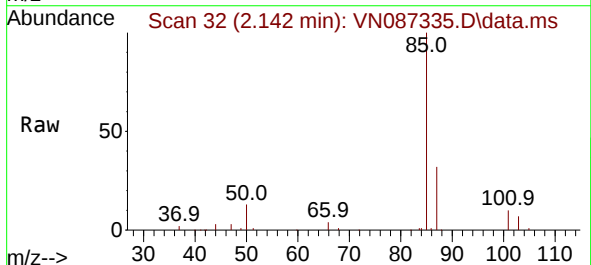
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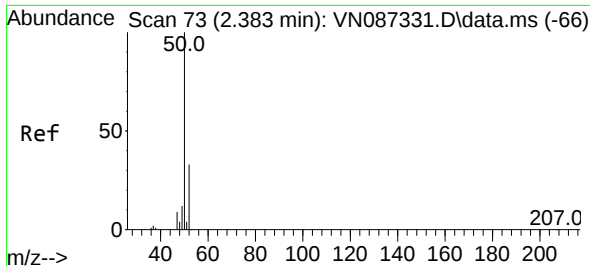
Tgt Ion:168 Resp: 198299
Ion Ratio Lower Upper
168 100
99 57.5 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 58.029 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 85 Resp: 122218
Ion Ratio Lower Upper
85 100
87 32.0 17.8 53.3

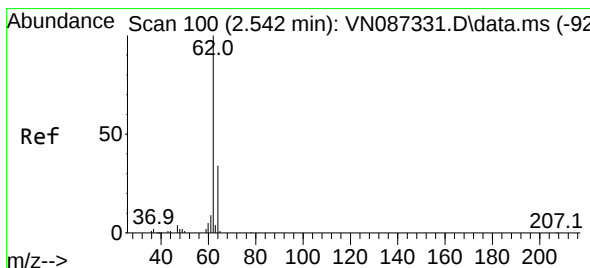
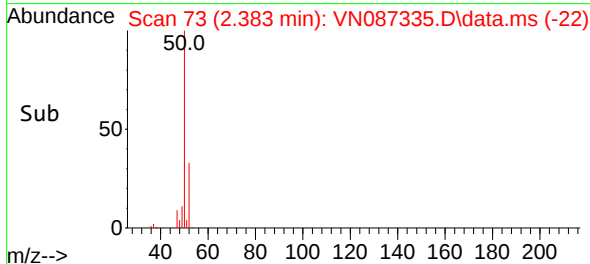
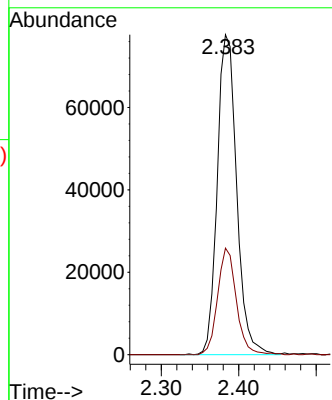
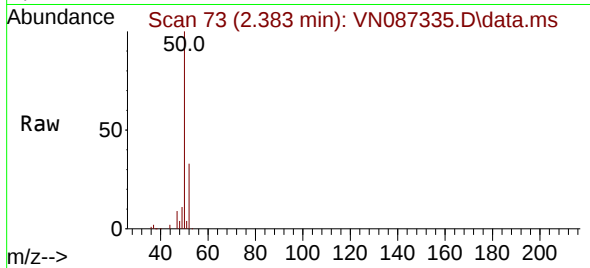




#3
Chloromethane
Concen: 50.986 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

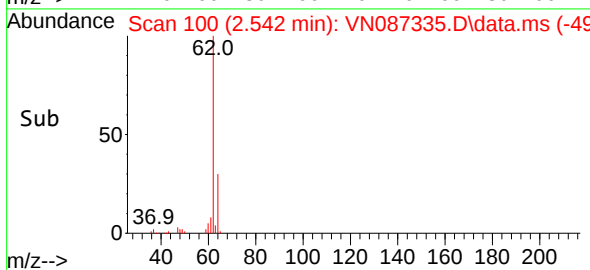
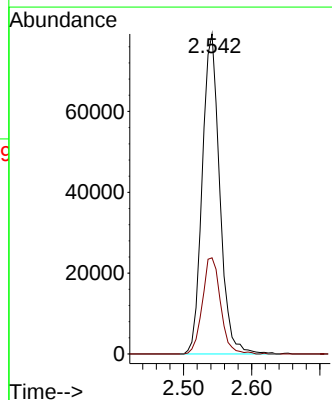
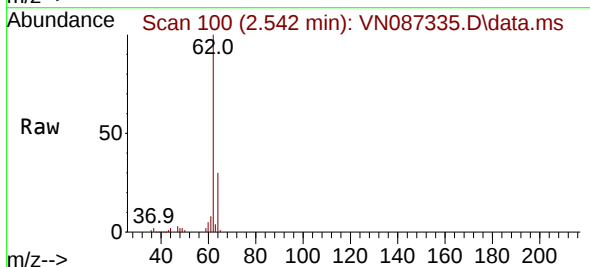
Instrument :
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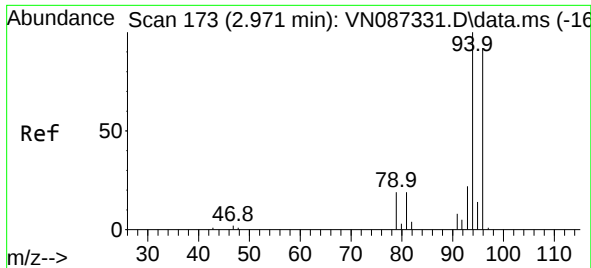
Tgt Ion: 50 Resp: 135040
Ion Ratio Lower Upper
50 100
52 33.3 26.3 39.5



#4
Vinyl Chloride
Concen: 53.589 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 62 Resp: 141054
Ion Ratio Lower Upper
62 100
64 30.0 27.0 40.6

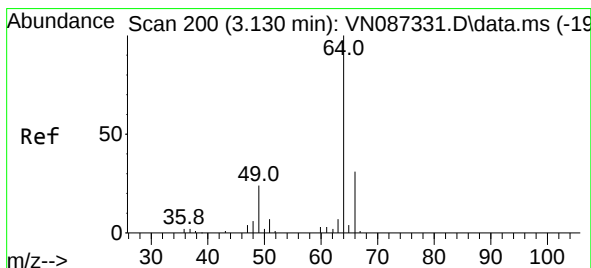
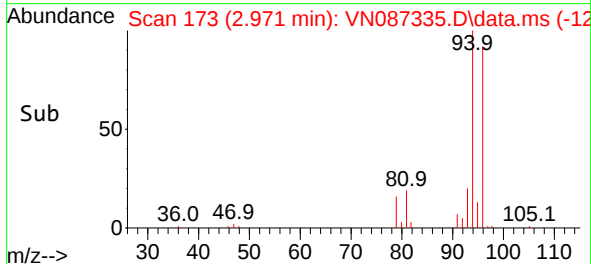
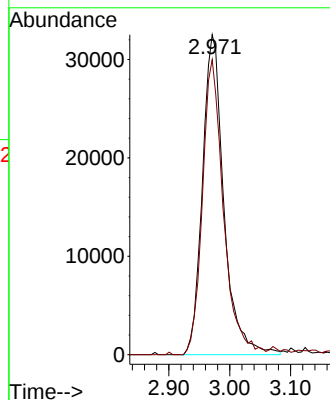
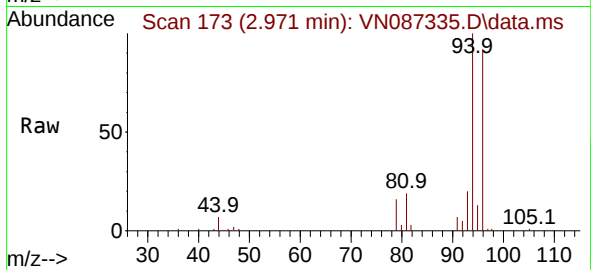




#5
Bromomethane
Concen: 58.322 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN087335.D
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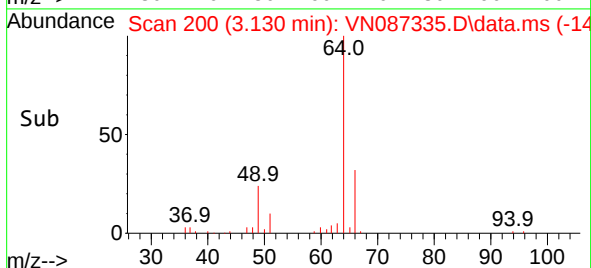
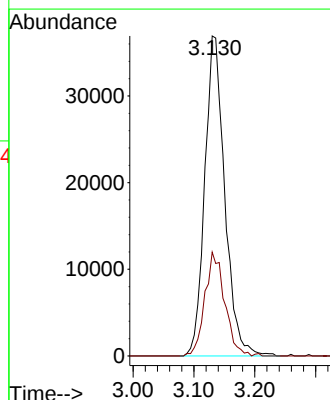
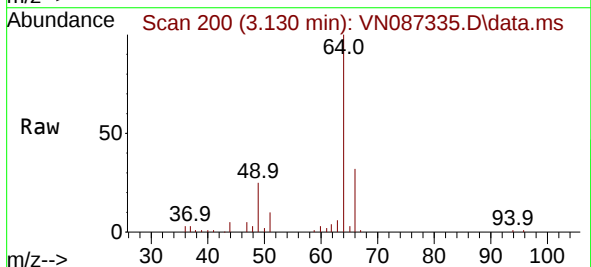
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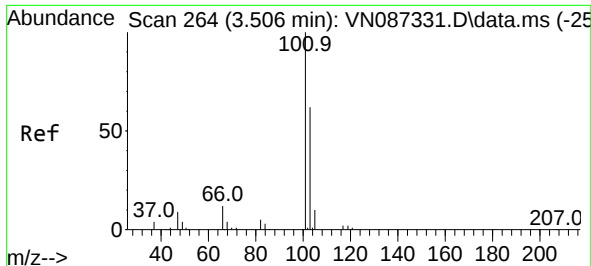
Tgt Ion: 94 Resp: 79496
Ion Ratio Lower Upper
94 100
96 92.2 73.4 110.2



#6
Chloroethane
Concen: 49.172 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 64 Resp: 84406
Ion Ratio Lower Upper
64 100
66 32.5 24.6 36.8

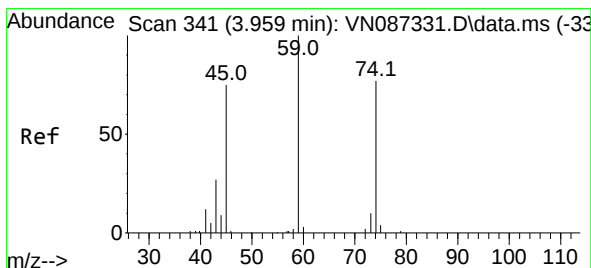
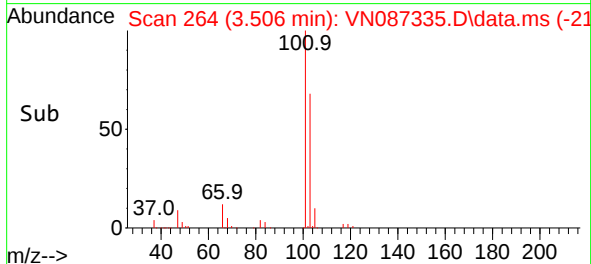
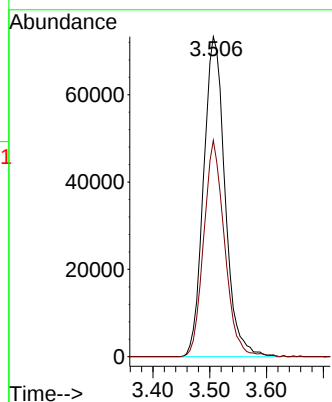
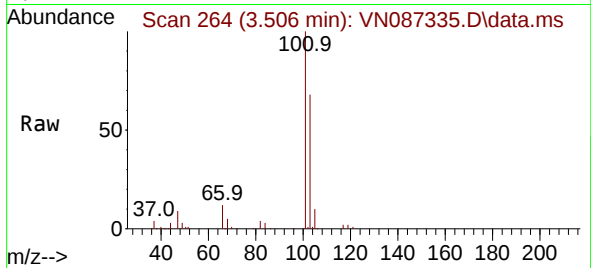




#7
 Trichlorofluoromethane
 Concen: 49.336 ug/l
 RT: 3.506 min Scan# 264
 Delta R.T. 0.000 min
 Lab File: VN087335.D
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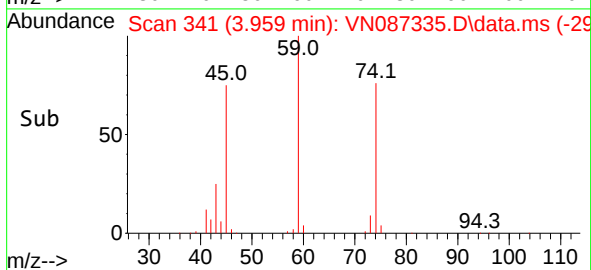
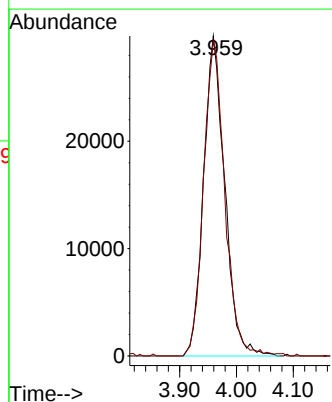
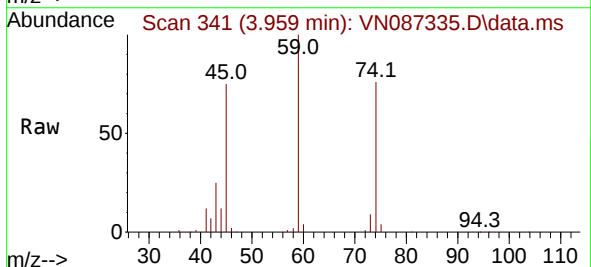
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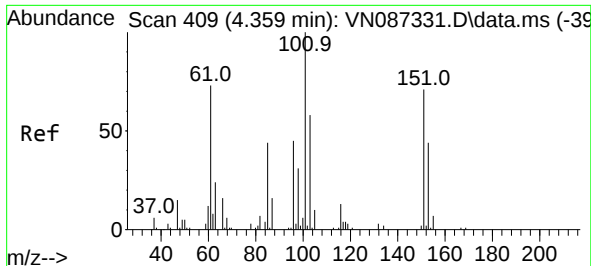
Tgt Ion:101 Resp: 192022
 Ion Ratio Lower Upper
 101 100
 103 67.6 49.8 74.6



#8
 Diethyl Ether
 Concen: 50.861 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN087335.D
 Acq: 16 Jul 2025 19:59

Tgt Ion: 74 Resp: 76789
 Ion Ratio Lower Upper
 74 100
 45 99.6 50.8 152.5

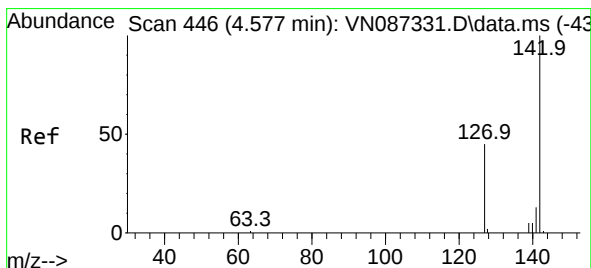
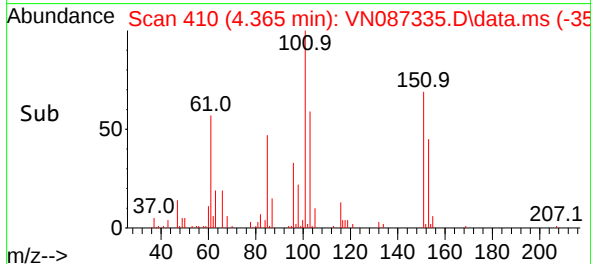
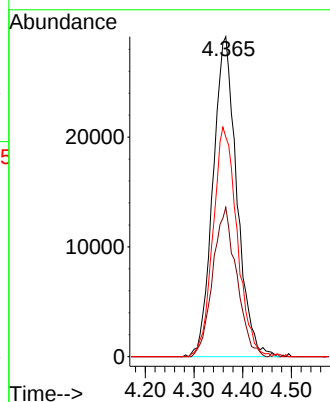
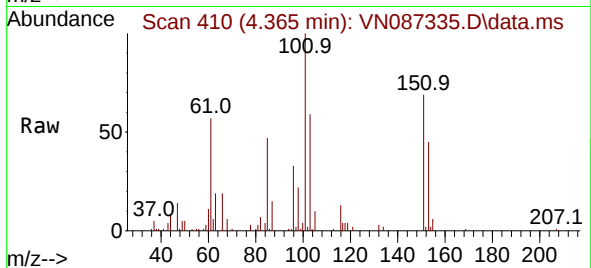




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.520 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087335.D
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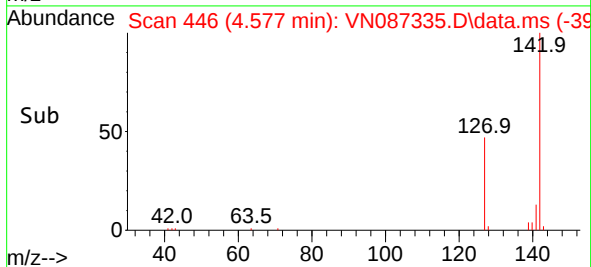
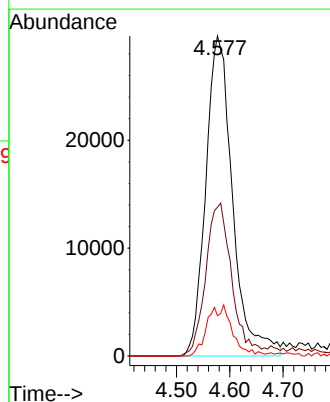
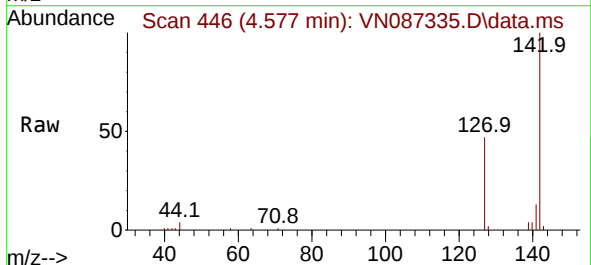
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

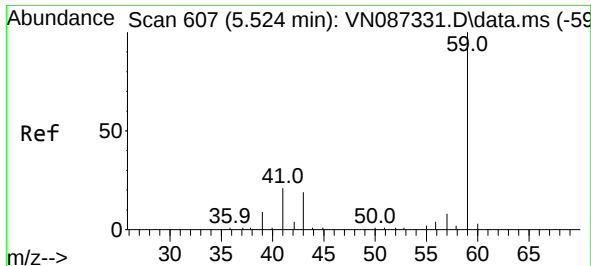
Tgt Ion:101 Resp: 98940
Ion Ratio Lower Upper
101 100
85 46.6 37.3 55.9
151 72.5 58.9 88.3



#10
Methyl Iodide
Concen: 50.369 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:142 Resp: 103627
Ion Ratio Lower Upper
142 100
127 46.5 35.7 53.5
141 12.6 10.4 15.6

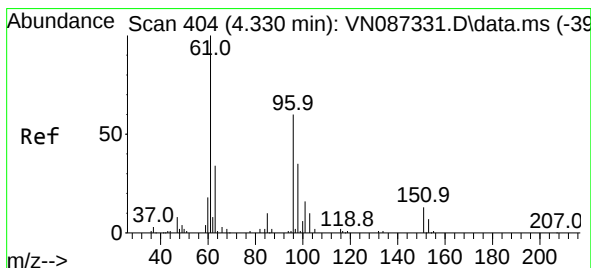
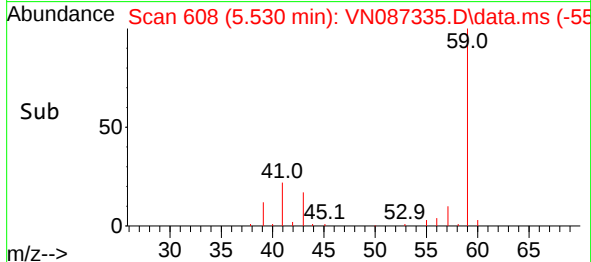
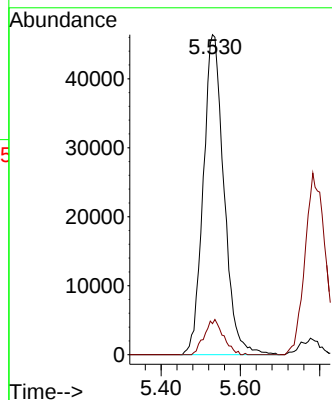
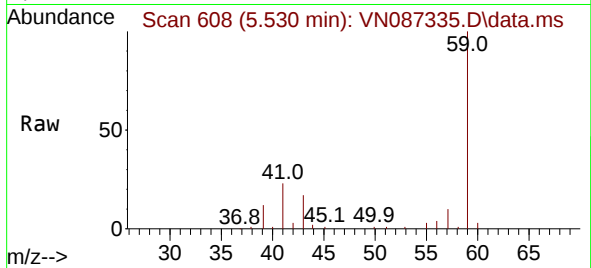




#11
Tert butyl alcohol
Concen: 262.884 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

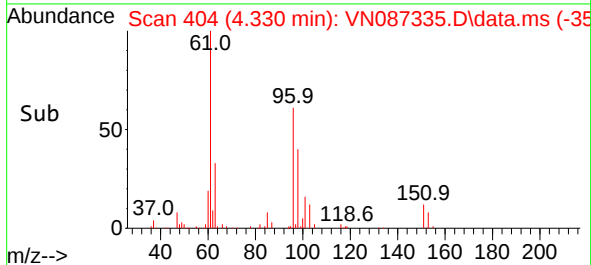
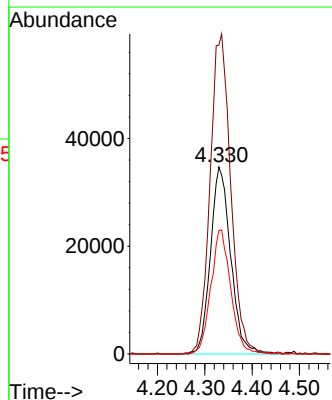
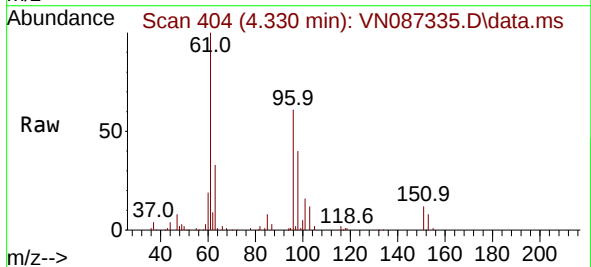
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

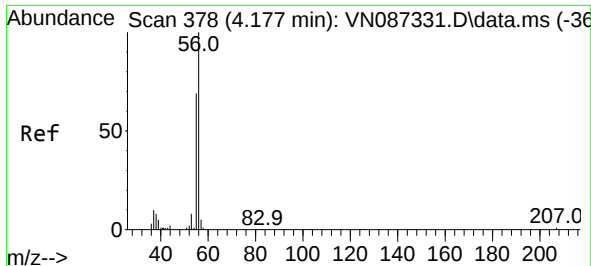
Tgt Ion: 59 Resp: 167953
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 45.432 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 96 Resp: 102861
Ion Ratio Lower Upper
96 100
61 165.3 132.3 198.5
98 66.1 46.8 70.2

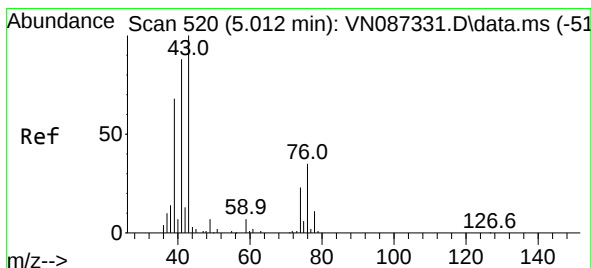
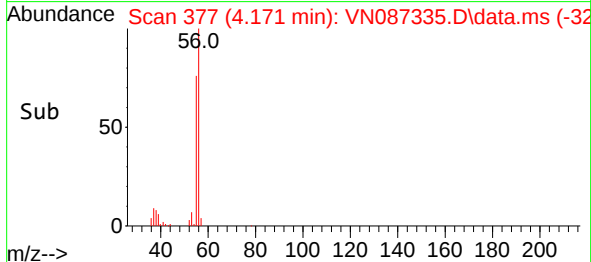
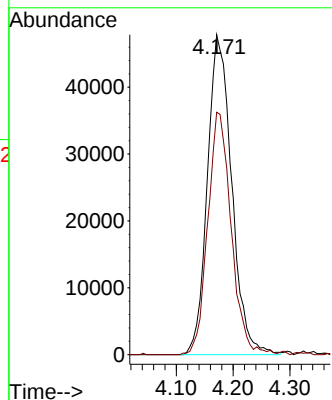
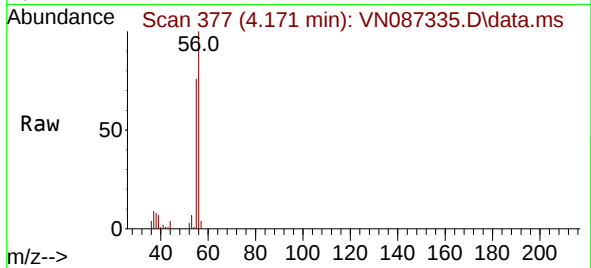




#13
Acrolein
Concen: 277.145 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

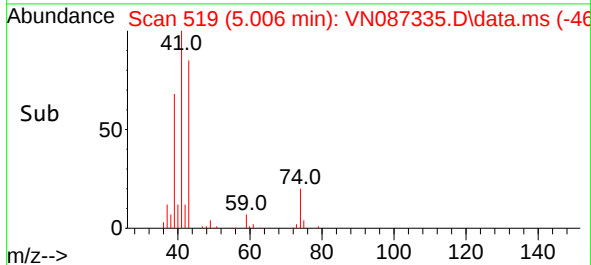
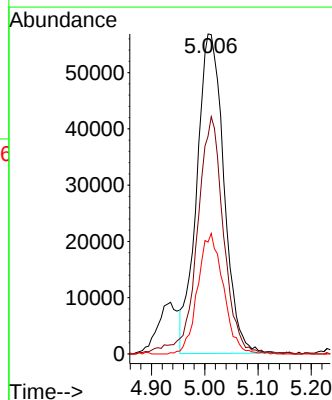
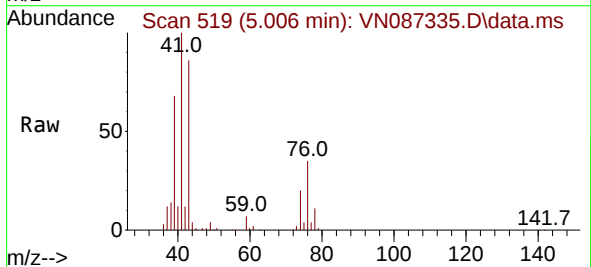
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

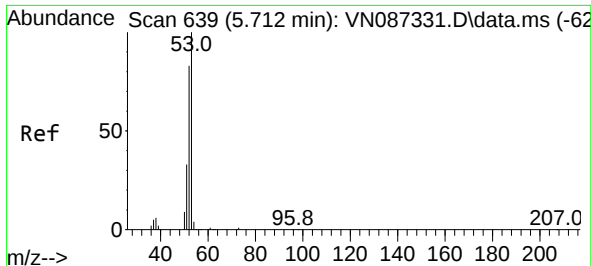
Tgt Ion: 56 Resp: 142098
Ion Ratio Lower Upper
56 100
55 72.9 56.2 84.4



#14
Allyl chloride
Concen: 49.004 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 41 Resp: 200790
Ion Ratio Lower Upper
41 100
39 72.4 59.0 88.6
76 35.6 28.7 43.1

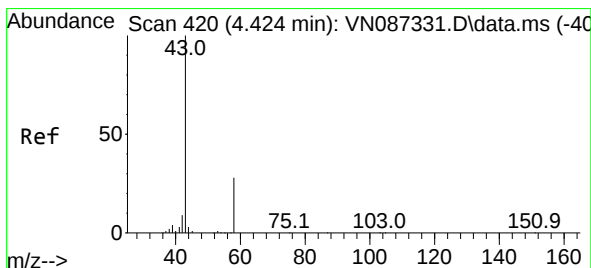
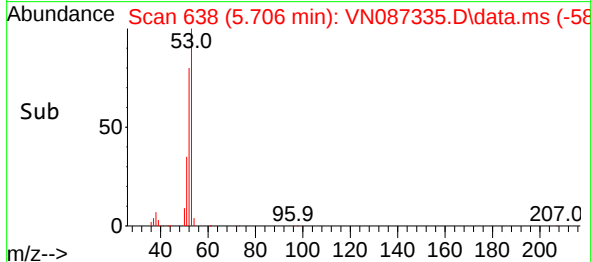
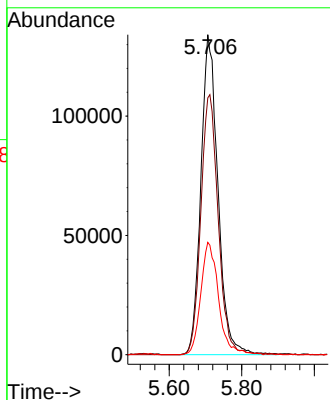
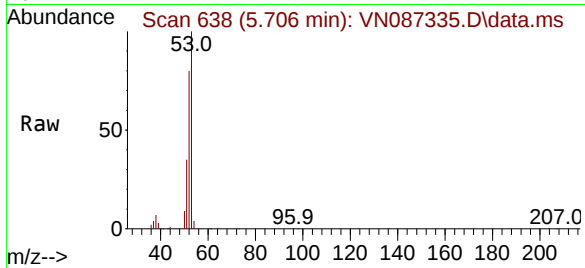




#15
Acrylonitrile
Concen: 252.616 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

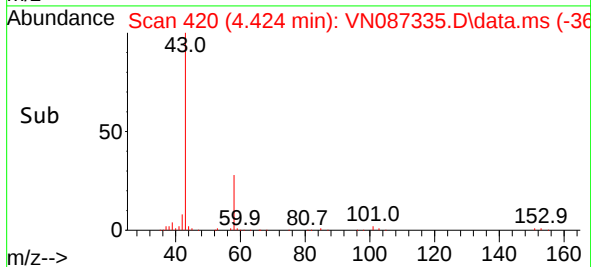
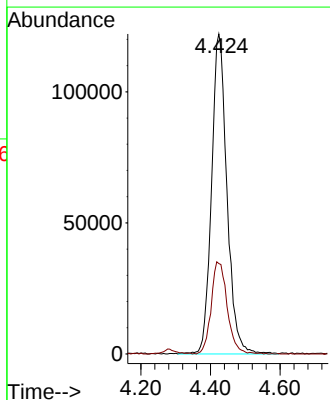
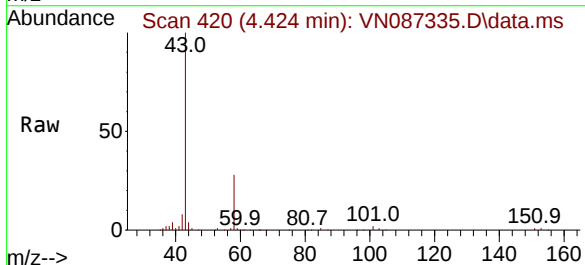
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

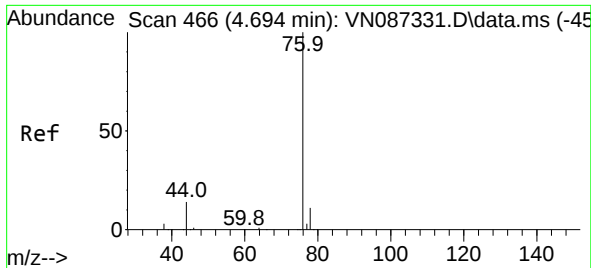
Tgt Ion: 53 Resp: 437956
Ion Ratio Lower Upper
53 100
52 82.7 65.5 98.3
51 36.6 28.7 43.1



#16
Acetone
Concen: 237.913 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 43 Resp: 375335
Ion Ratio Lower Upper
43 100
58 28.1 22.3 33.5





#17

Carbon Disulfide

Concen: 49.947 ug/l

RT: 4.700 min Scan# 4

Delta R.T. 0.006 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

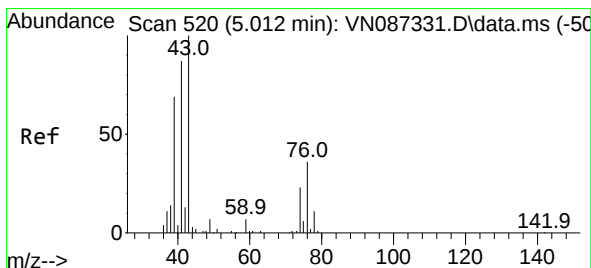
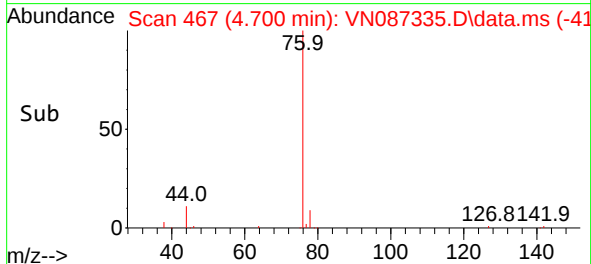
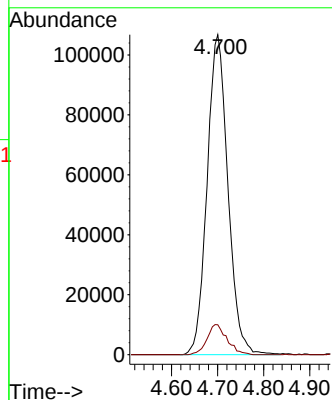
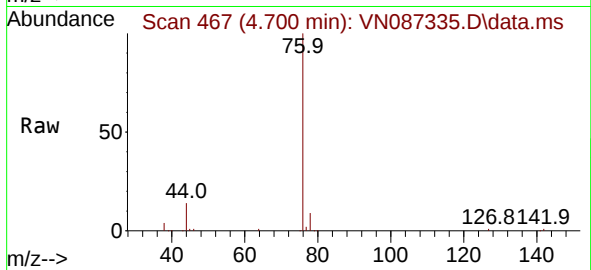
ICVVN071625

Tgt Ion: 76 Resp: 335264

Ion Ratio Lower Upper

76 100

78 9.3 8.6 13.0



#18

Methyl Acetate

Concen: 49.111 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.006 min

Lab File: VN087335.D

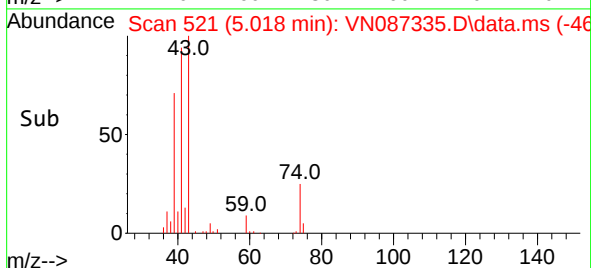
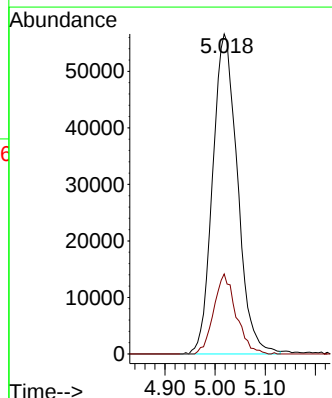
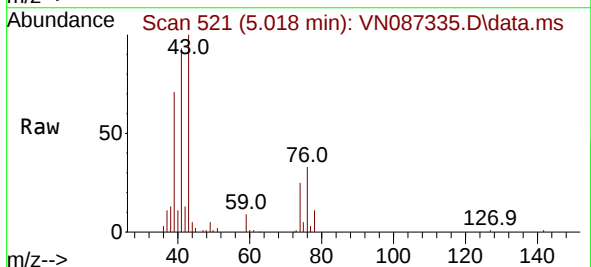
Acq: 16 Jul 2025 19:59

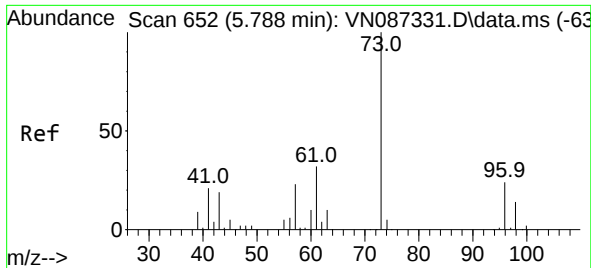
Tgt Ion: 43 Resp: 194657

Ion Ratio Lower Upper

43 100

74 22.5 17.8 26.6

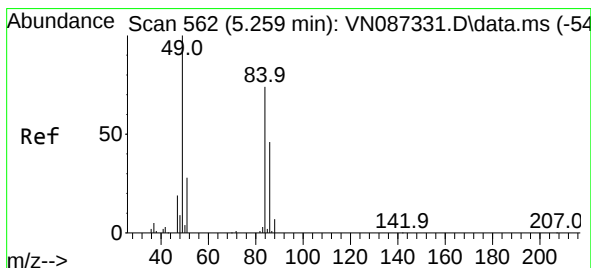
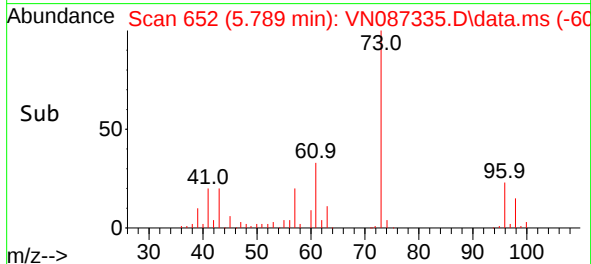
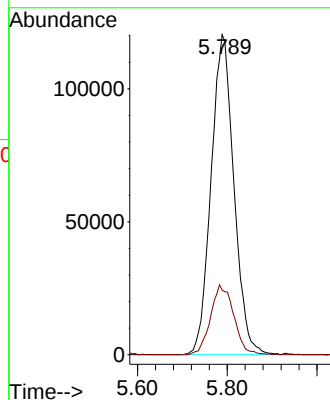
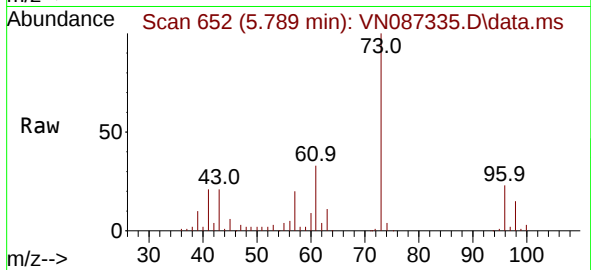




#19
Methyl tert-butyl Ether
Concen: 50.939 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

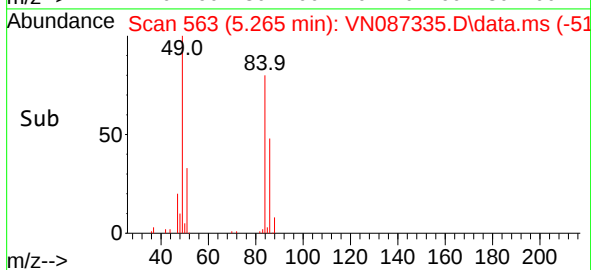
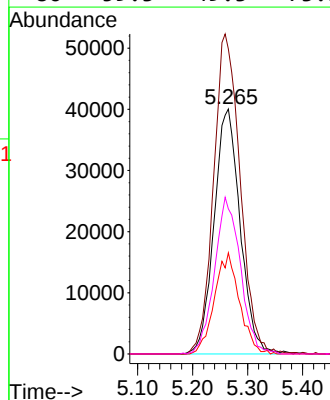
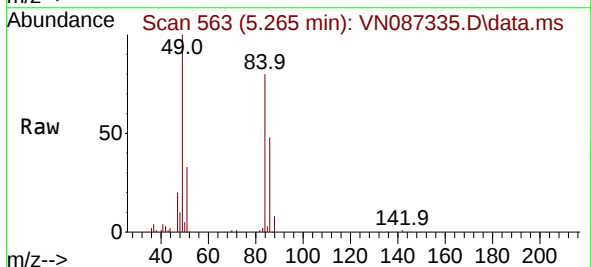
Instrument :
MSVOA_N
ClientSampleId :
ICV071625

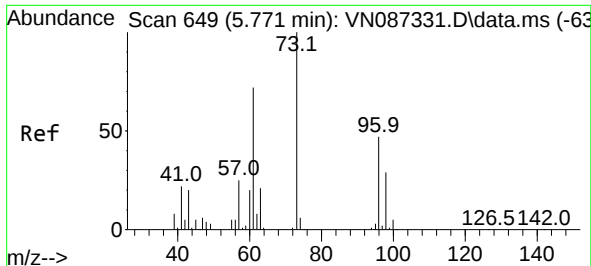
Tgt Ion: 73 Resp: 425099
Ion Ratio Lower Upper
73 100
57 20.2 18.6 27.8



#20
Methylene Chloride
Concen: 49.445 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 84 Resp: 131885
Ion Ratio Lower Upper
84 100
49 124.5 107.5 161.3
51 41.3 30.2 45.2
86 59.3 49.3 73.9

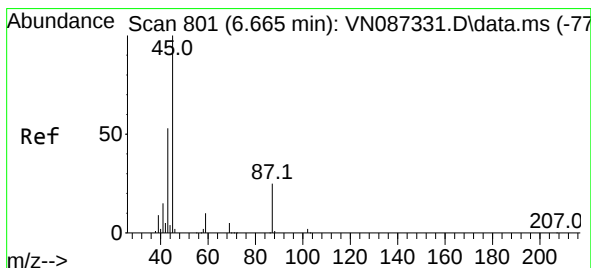
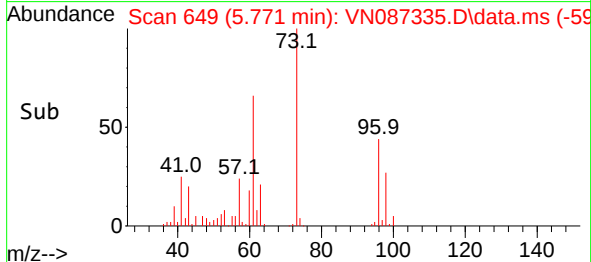
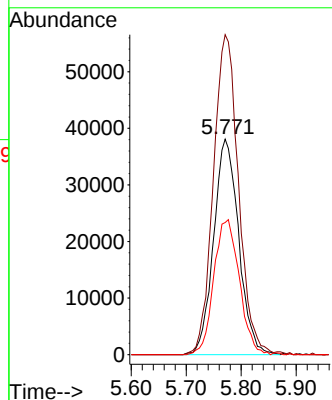
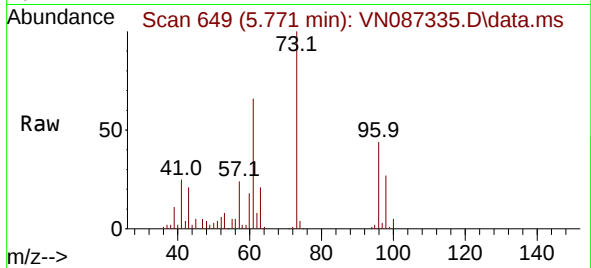




#21
trans-1,2-Dichloroethene
Concen: 47.283 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

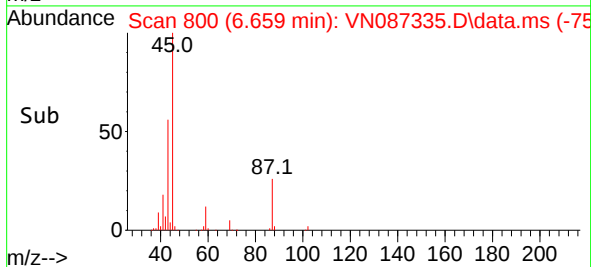
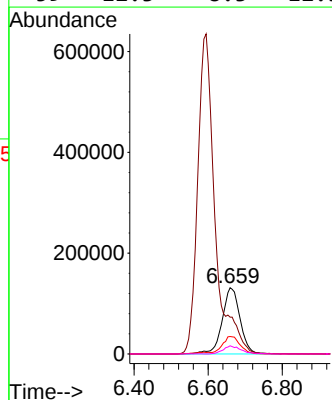
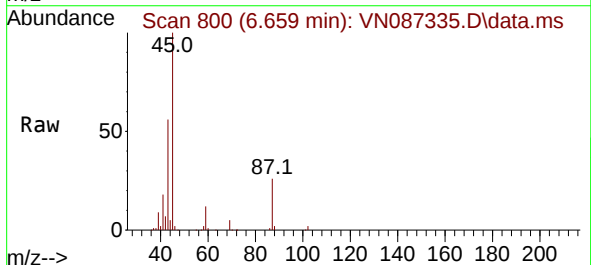
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

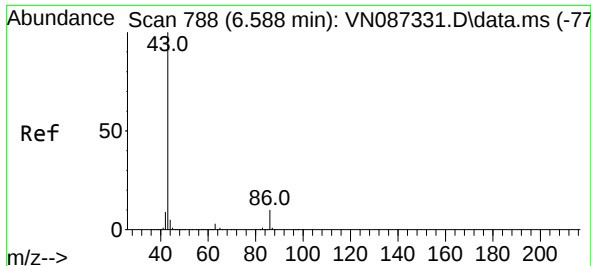
Tgt Ion: 96 Resp: 120707
Ion Ratio Lower Upper
96 100
61 148.5 122.0 183.0
98 61.3 50.0 75.0



#22
Diisopropyl ether
Concen: 51.191 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 45 Resp: 439978
Ion Ratio Lower Upper
45 100
43 55.2 42.8 64.2
87 26.3 19.8 29.6
59 12.3 8.3 12.5

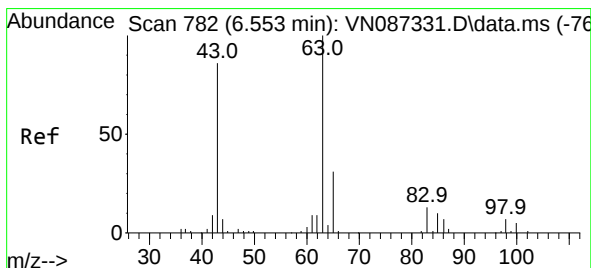
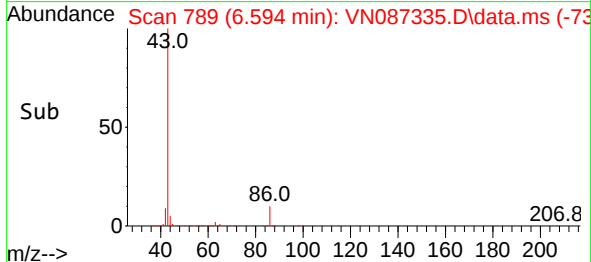
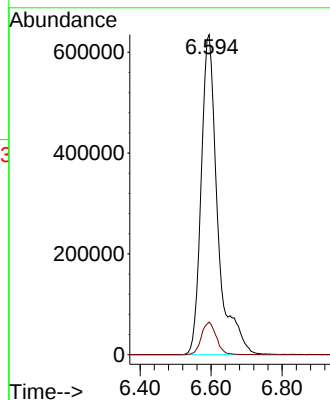
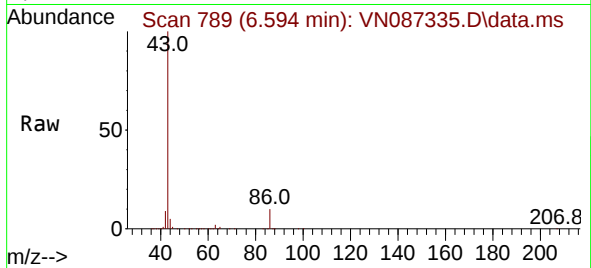




#23
 Vinyl Acetate
 Concen: 273.101 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087335.D
 Acq: 16 Jul 2025 19:59

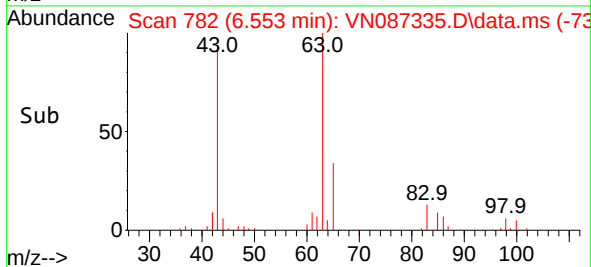
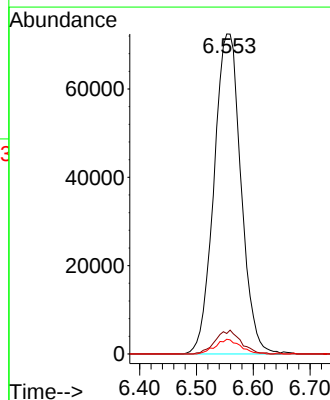
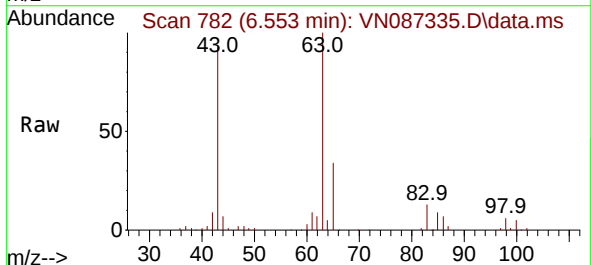
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071625

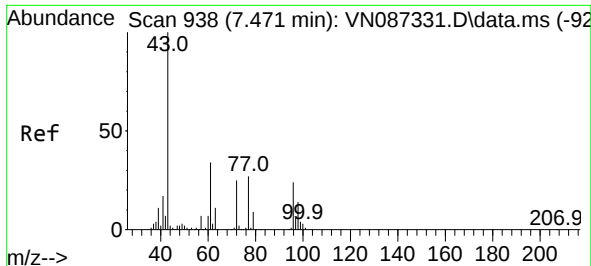
Tgt Ion: 43 Resp: 2052885
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 48.170 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN087335.D
 Acq: 16 Jul 2025 19:59

Tgt Ion: 63 Resp: 238854
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 4.6 2.5 7.4

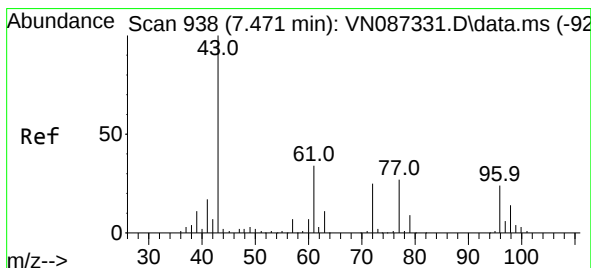
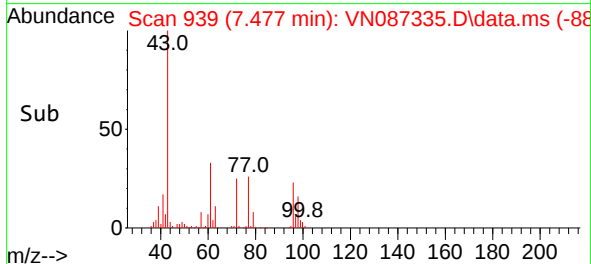
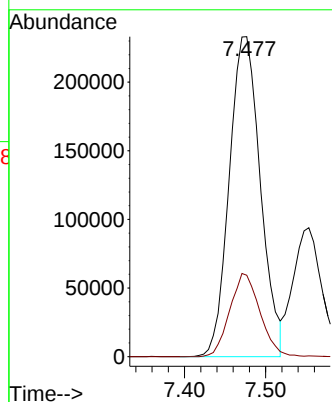
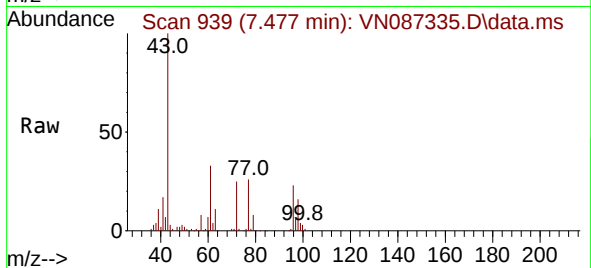




#25
2-Butanone
Concen: 255.411 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

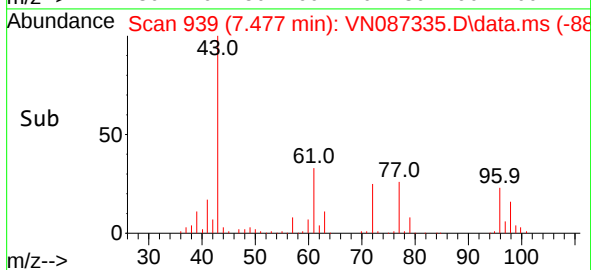
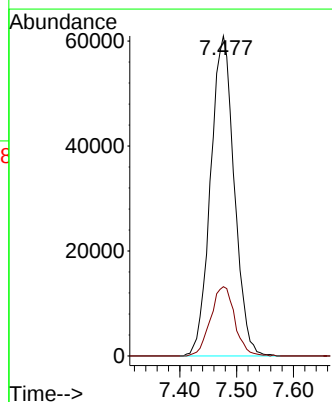
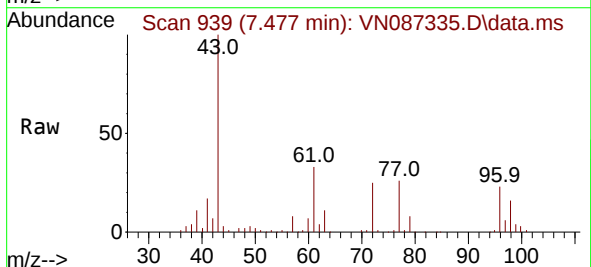
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

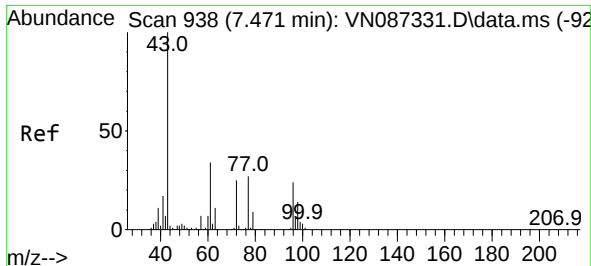
Tgt Ion: 43 Resp: 622581
Ion Ratio Lower Upper
43 100
72 25.4 19.6 29.4



#26
2,2-Dichloropropane
Concen: 45.700 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 77 Resp: 176180
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.1

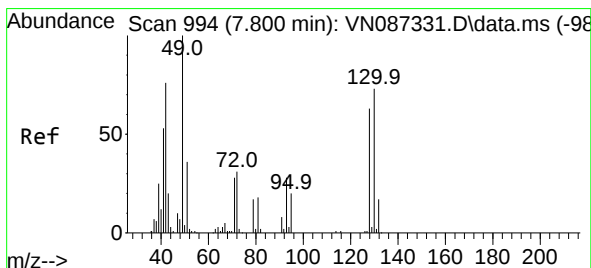
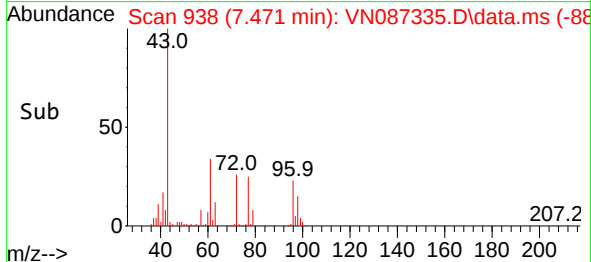
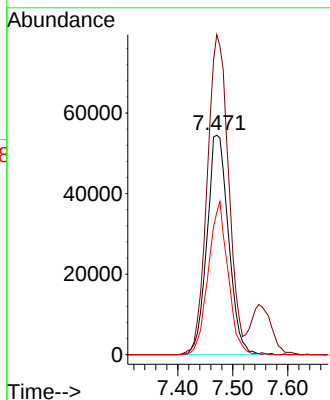
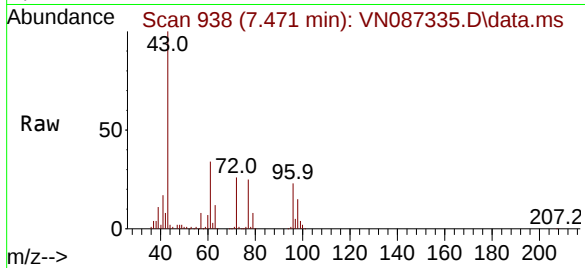




#27
 cis-1,2-Dichloroethene
 Concen: 50.543 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN087335.D
 Acq: 16 Jul 2025 19:59

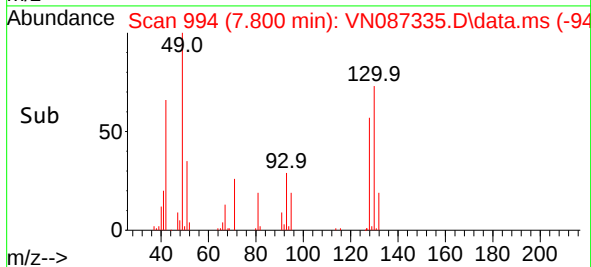
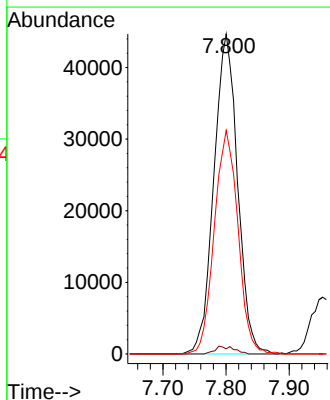
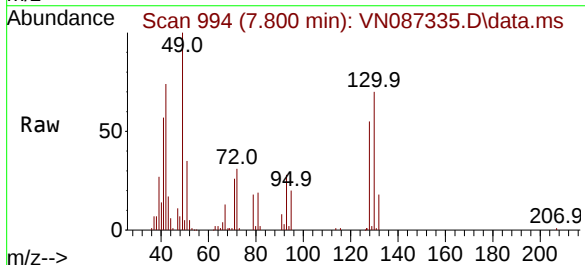
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN071625

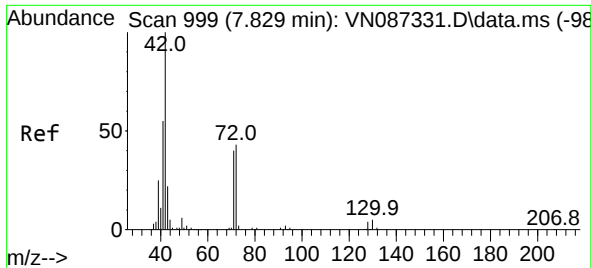
Tgt Ion: 96 Resp: 148552
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 297.8
 98 63.7 0.0 132.4



#28
 Bromochloromethane
 Concen: 49.089 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VN087335.D
 Acq: 16 Jul 2025 19:59

Tgt Ion: 49 Resp: 116494
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 69.6 57.3 85.9

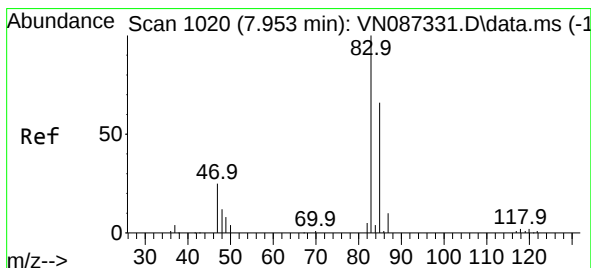
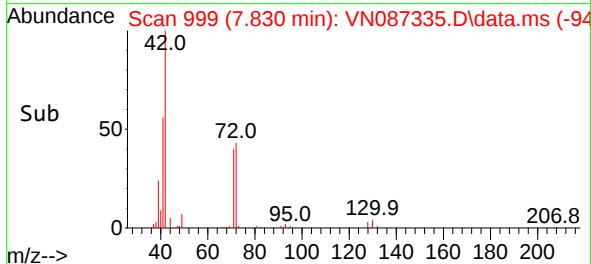
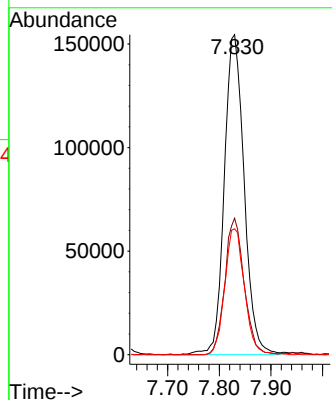
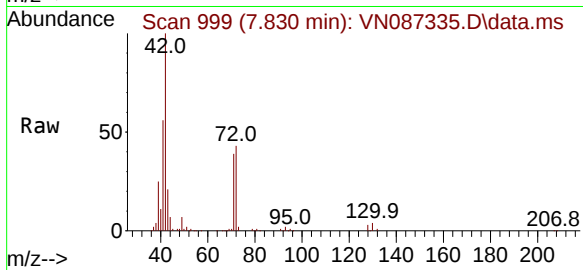




#29
Tetrahydrofuran
Concen: 260.404 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

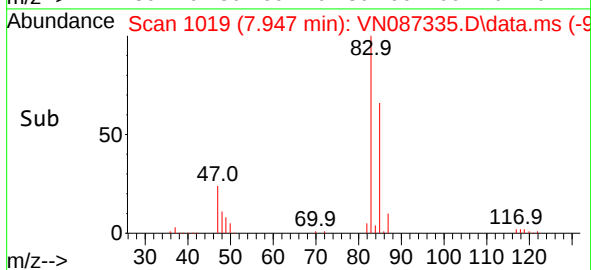
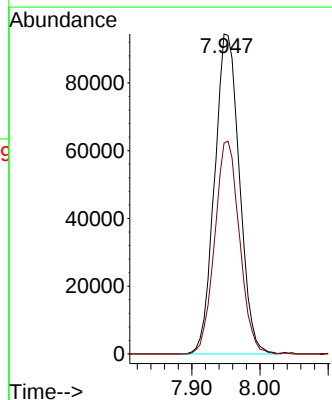
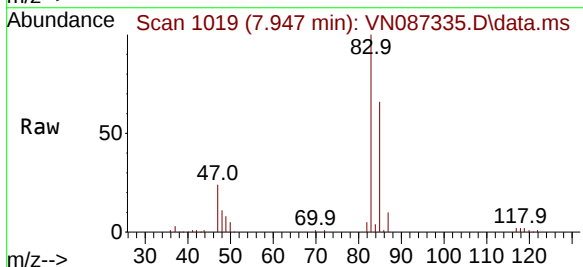
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

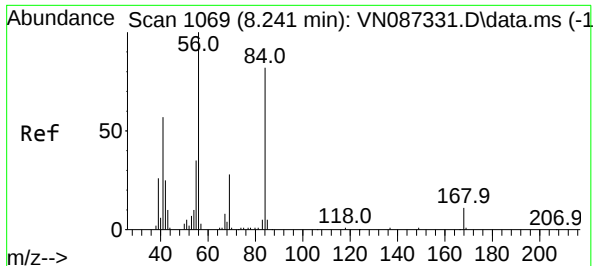
Tgt Ion: 42 Resp: 412353
Ion Ratio Lower Upper
42 100
72 41.3 33.4 50.0
71 38.9 31.2 46.8



#30
Chloroform
Concen: 48.306 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 83 Resp: 239752
Ion Ratio Lower Upper
83 100
85 65.9 52.7 79.1





#31

Cyclohexane

Concen: 49.042 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071625

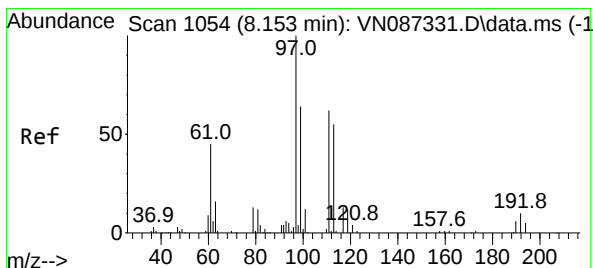
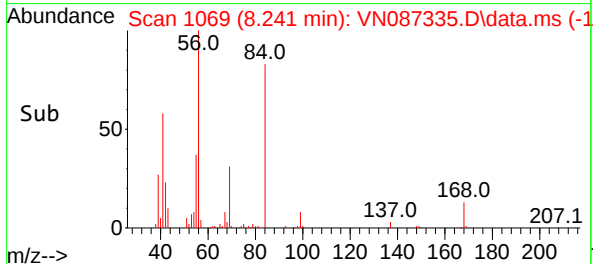
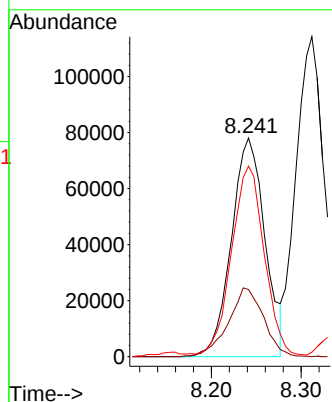
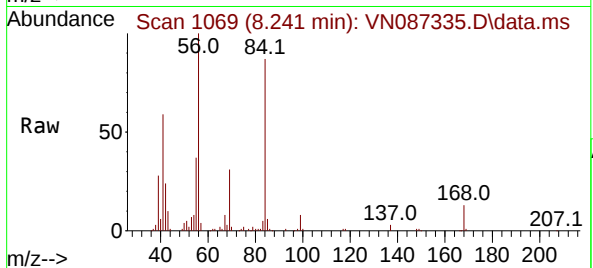
Tgt Ion: 56 Resp: 202863

Ion Ratio Lower Upper

56 100

69 30.0 22.7 34.1

84 85.9 65.8 98.6



#32

1,1,1-Trichloroethane

Concen: 49.412 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

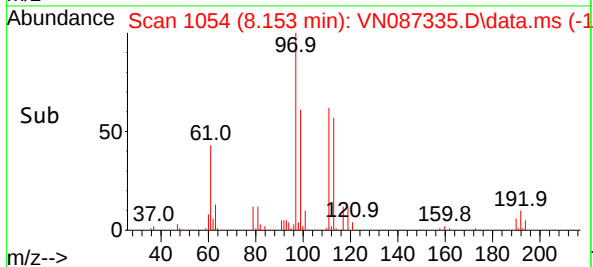
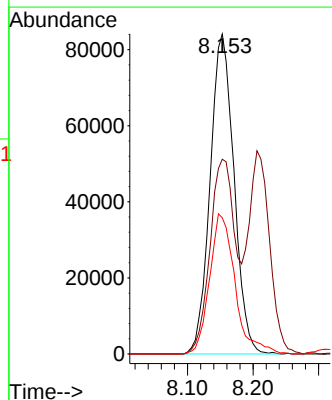
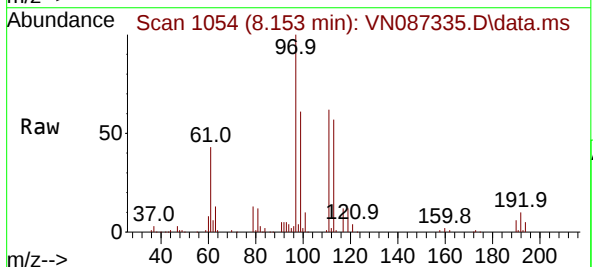
Tgt Ion: 97 Resp: 212405

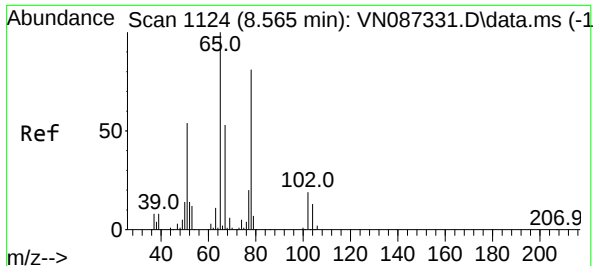
Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

61 46.8 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 48.204 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

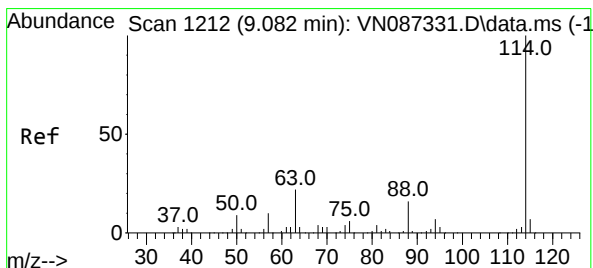
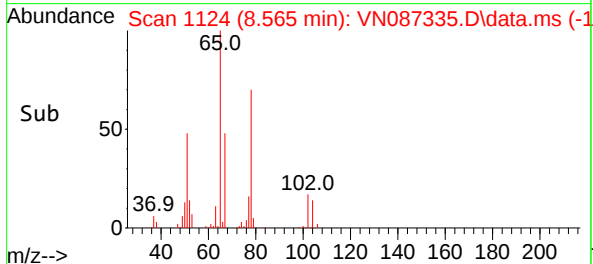
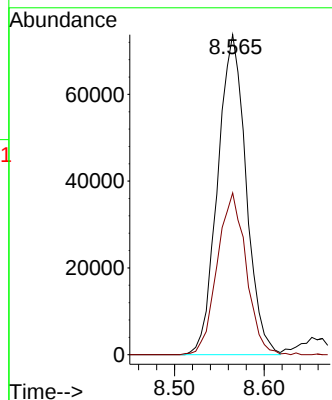
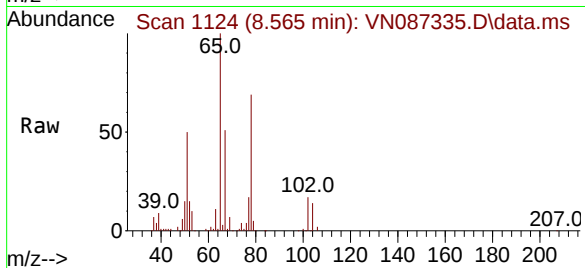
ICVVN071625

Tgt Ion: 65 Resp: 162194

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

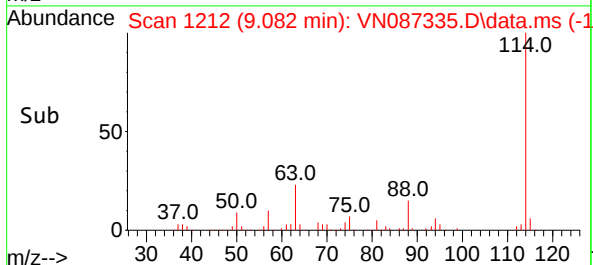
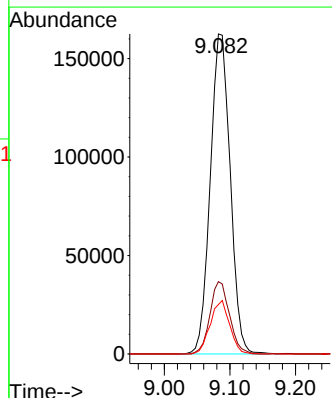
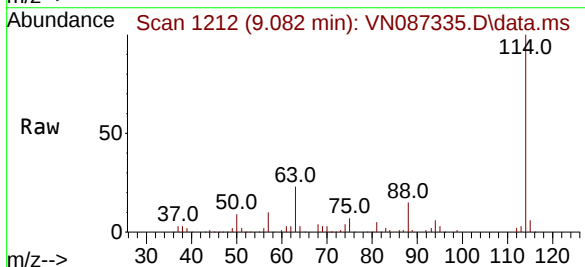
Tgt Ion: 114 Resp: 343165

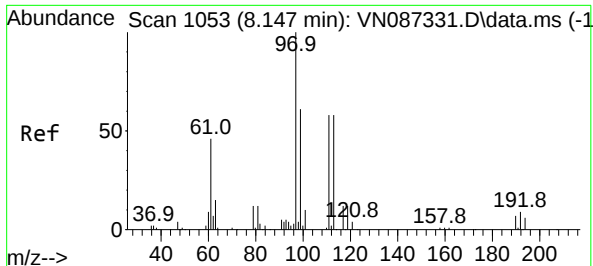
Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.934 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071625

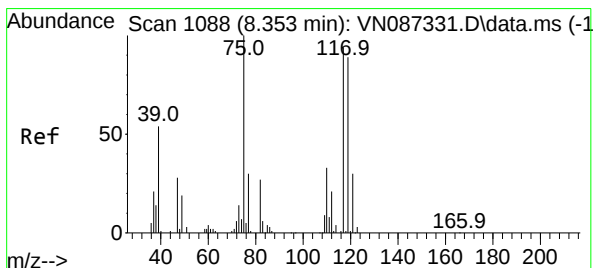
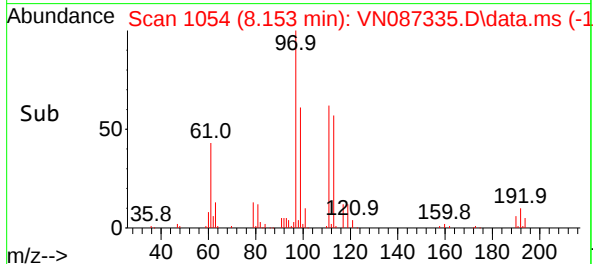
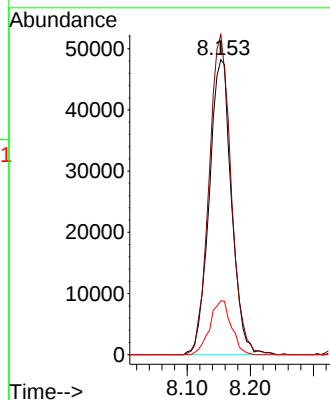
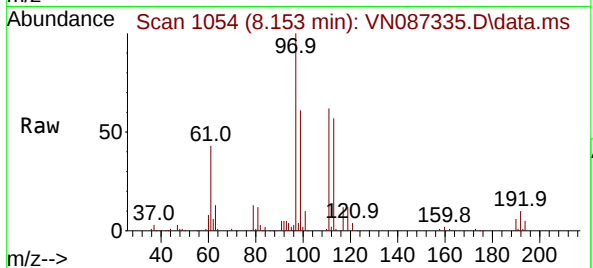
Tgt Ion:113 Resp: 118201

Ion Ratio Lower Upper

113 100

111 107.2 82.5 123.7

192 17.6 13.7 20.5



#36

1,1-Dichloropropene

Concen: 53.690 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

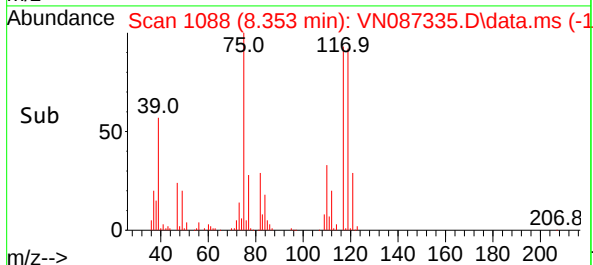
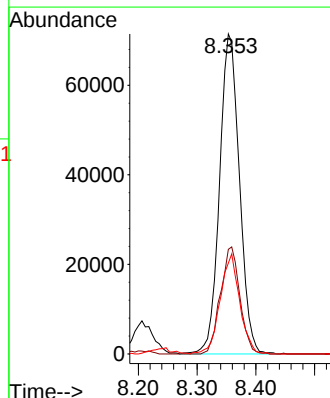
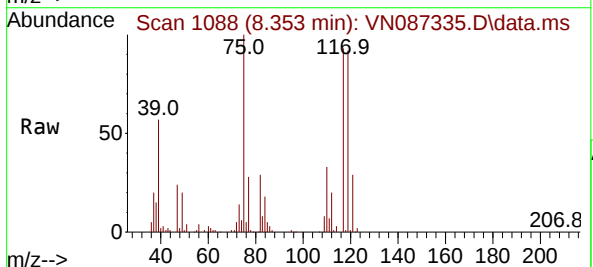
Tgt Ion: 75 Resp: 167912

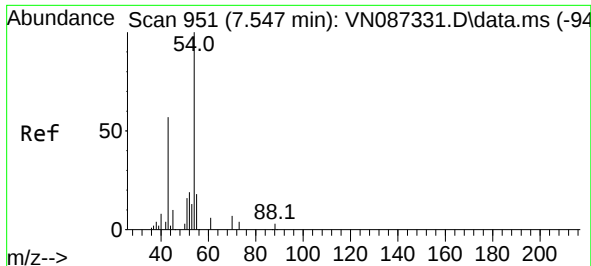
Ion Ratio Lower Upper

75 100

110 32.7 16.7 50.1

77 30.7 25.2 37.8





#37

Ethyl Acetate

Concen: 53.525 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071625

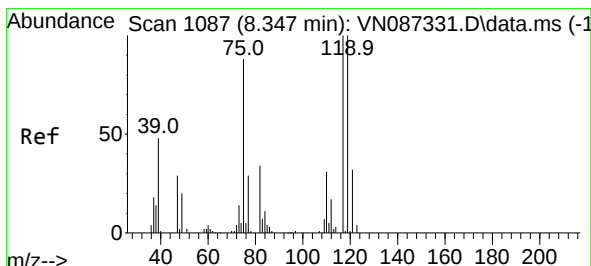
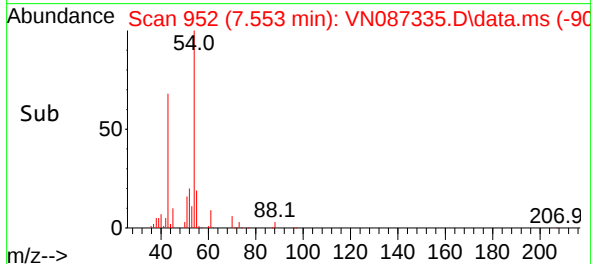
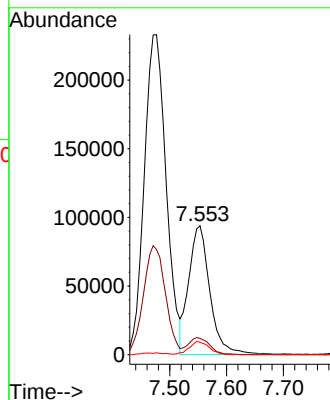
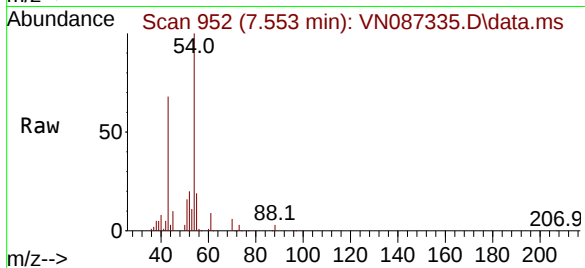
Tgt Ion: 43 Resp: 241759

Ion Ratio Lower Upper

43 100

61 12.9 10.9 16.3

70 9.6 7.4 11.0



#38

Carbon Tetrachloride

Concen: 52.821 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

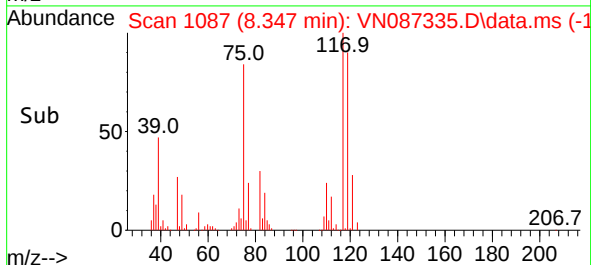
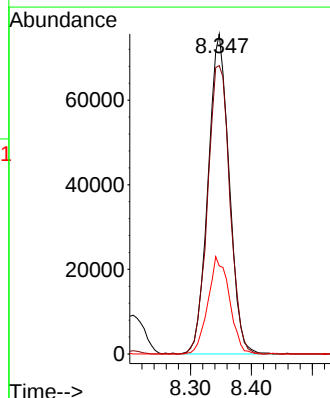
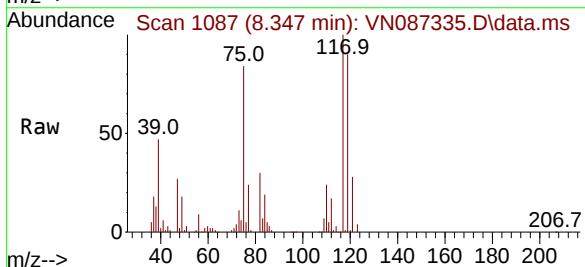
Tgt Ion: 117 Resp: 181974

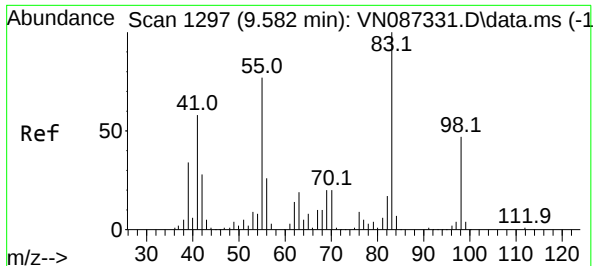
Ion Ratio Lower Upper

117 100

119 90.1 80.2 120.2

121 27.5 25.4 38.2





#39

Methylcyclohexane

Concen: 53.109 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071625

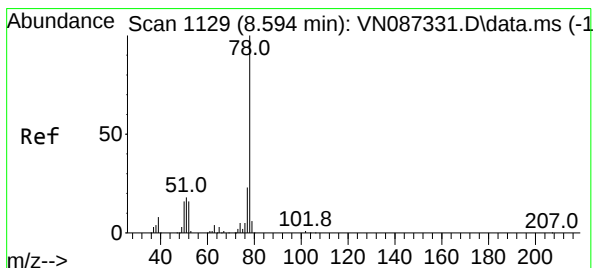
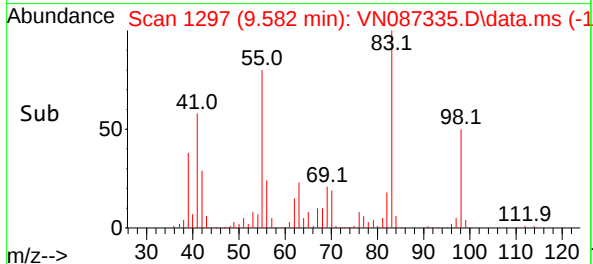
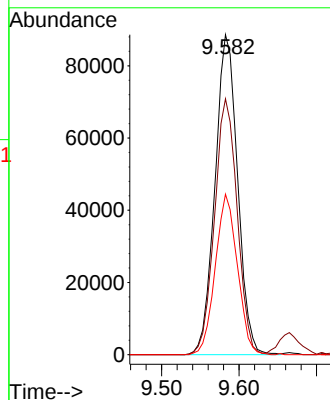
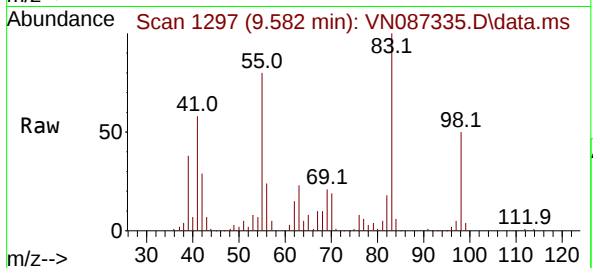
Tgt Ion: 83 Resp: 179820

Ion Ratio Lower Upper

83 100

55 79.9 61.3 91.9

98 50.2 37.9 56.9



#40

Benzene

Concen: 52.380 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087335.D

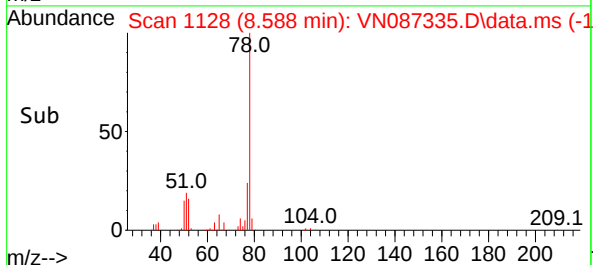
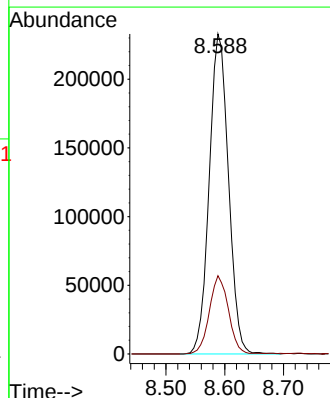
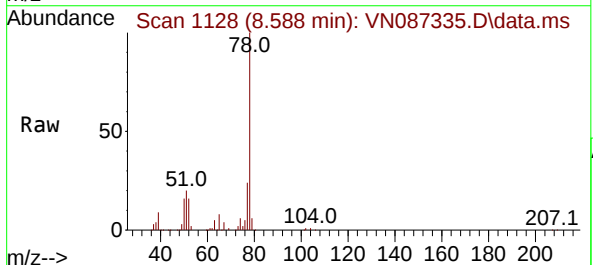
Acq: 16 Jul 2025 19:59

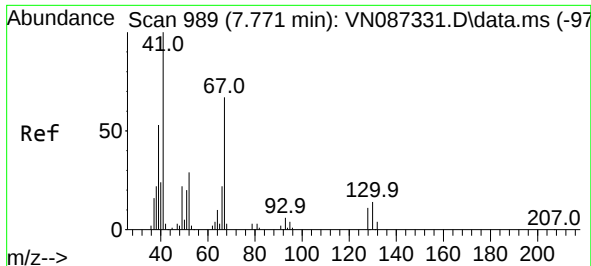
Tgt Ion: 78 Resp: 529446

Ion Ratio Lower Upper

78 100

77 24.4 18.2 27.2

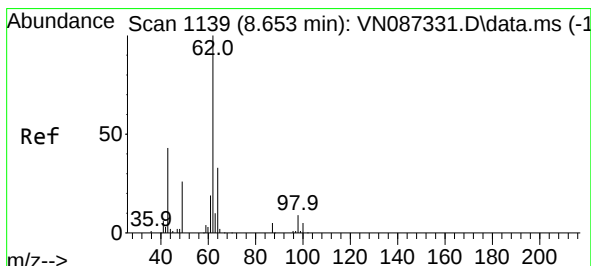
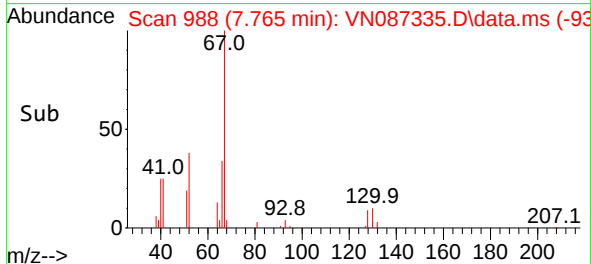
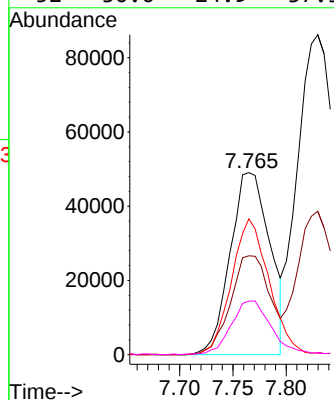
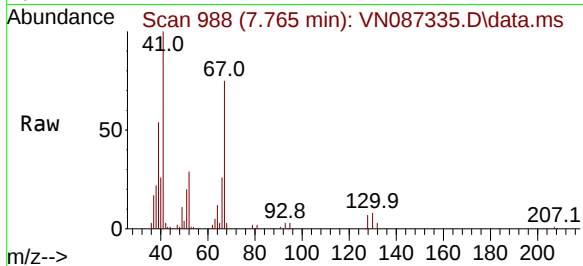




#41
Methacrylonitrile
Concen: 53.895 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

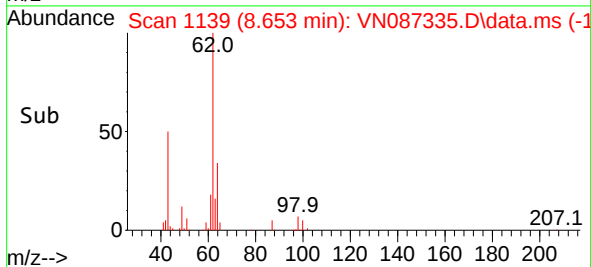
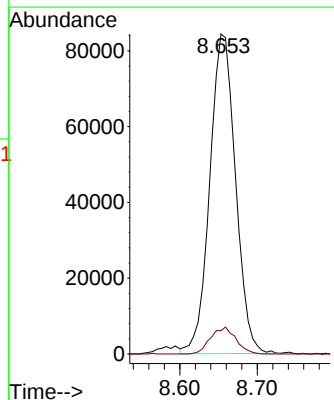
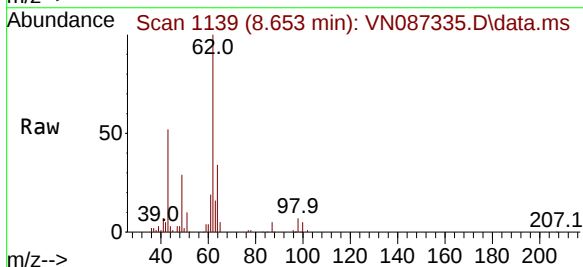
Instrument :
MSVOA_N
ClientSampleId :
ICVFN071625

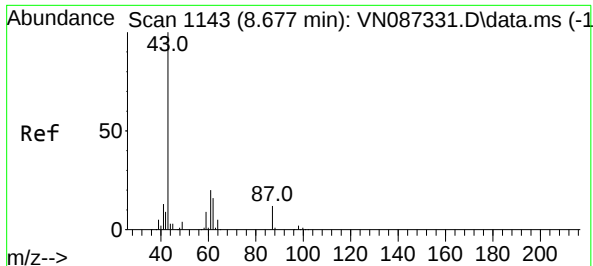
Tgt Ion:	41	Resp:	127286
Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.4	65.0
67	71.0	55.1	82.7
52	30.0	24.9	37.3



#42
1,2-Dichloroethane
Concen: 50.821 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:	62	Resp:	194804
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	18.0

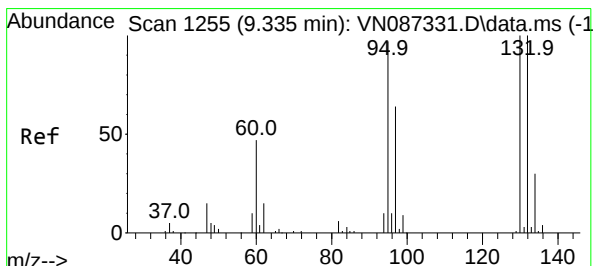
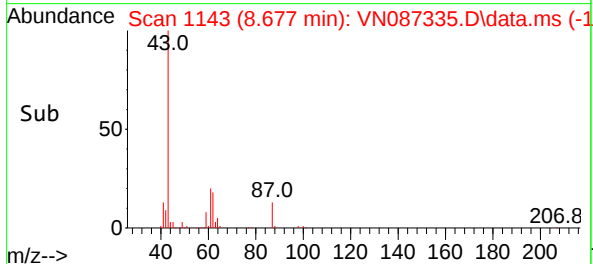
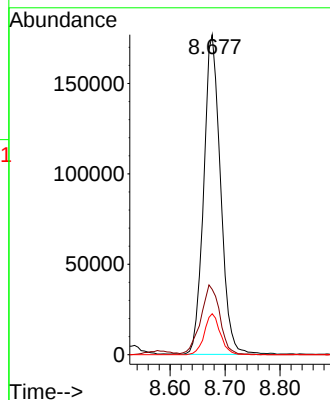
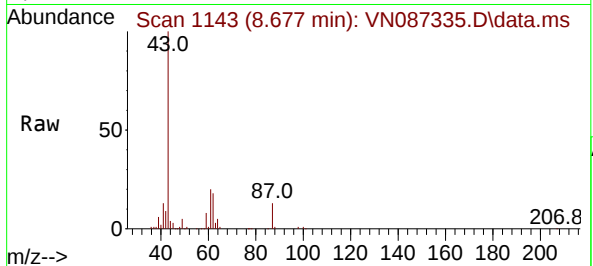




#43
Isopropyl Acetate
Concen: 53.477 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

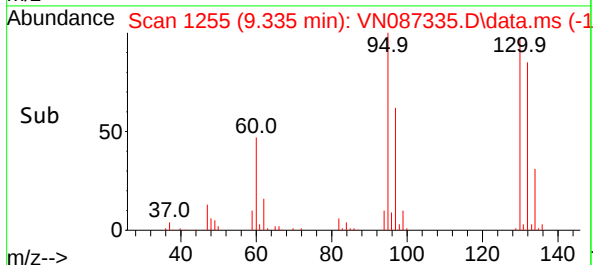
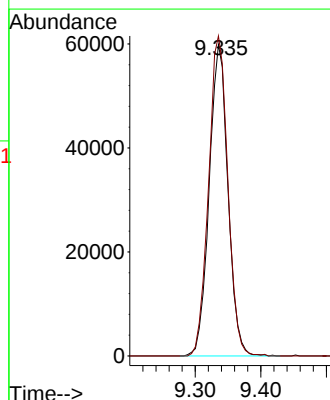
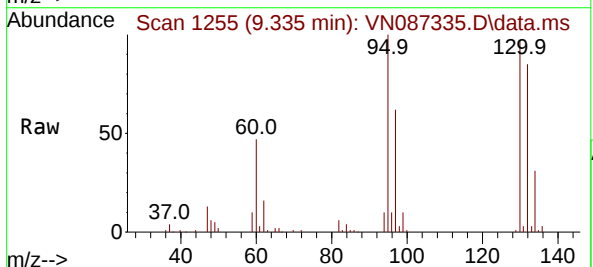
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

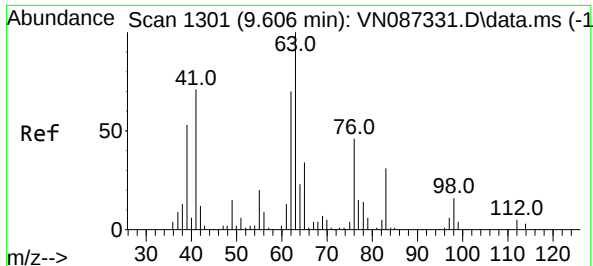
Tgt Ion: 43 Resp: 374957
Ion Ratio Lower Upper
43 100
61 24.9 19.8 29.8
87 12.1 9.8 14.6



#44
Trichloroethene
Concen: 49.731 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:130 Resp: 118775
Ion Ratio Lower Upper
130 100
95 102.8 0.0 195.2





#45

1,2-Dichloropropane

Concen: 52.900 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

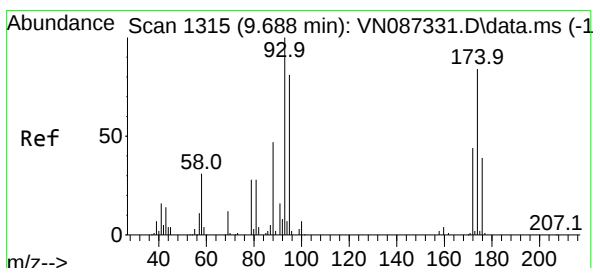
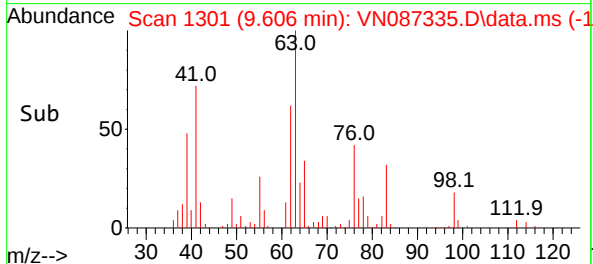
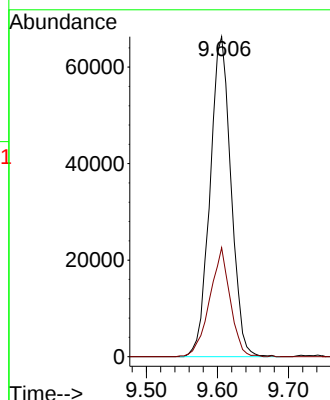
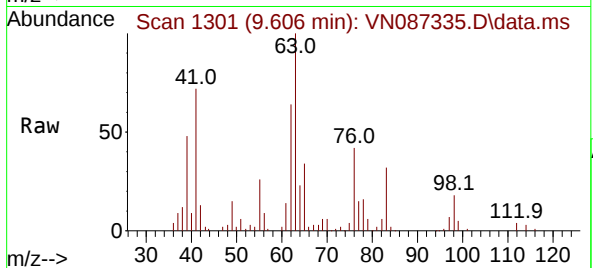
ICVVN071625

Tgt Ion: 63 Resp: 135864

Ion Ratio Lower Upper

63 100

65 34.0 27.0 40.4



#46

Dibromomethane

Concen: 51.241 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

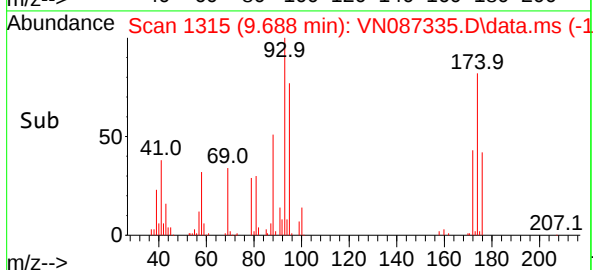
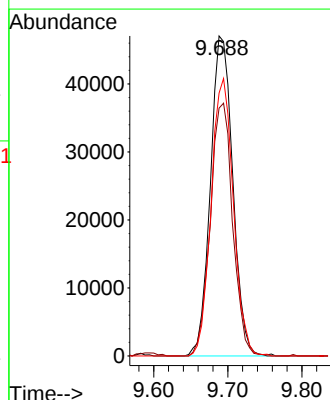
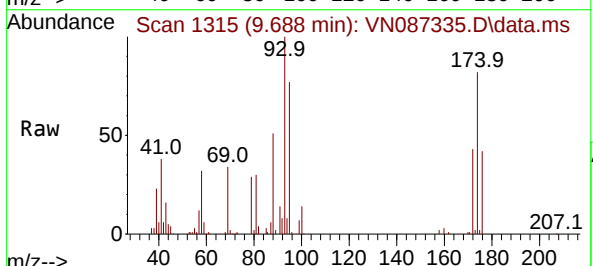
Tgt Ion: 93 Resp: 98534

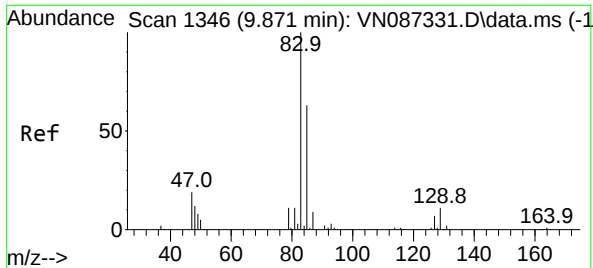
Ion Ratio Lower Upper

93 100

95 79.2 65.8 98.8

174 86.5 69.9 104.9

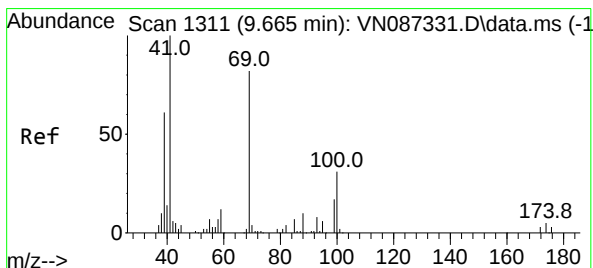
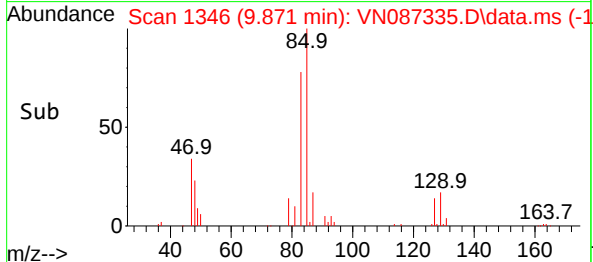
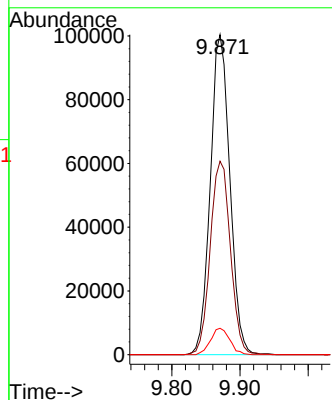
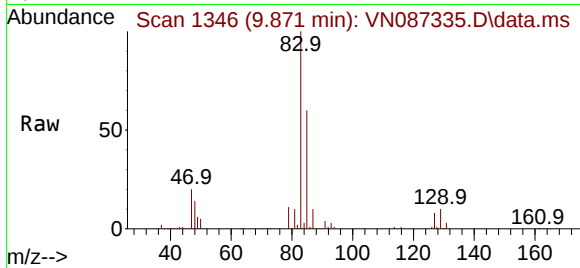




#47
Bromodichloromethane
Concen: 51.696 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

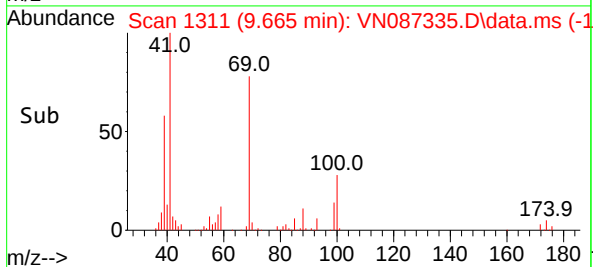
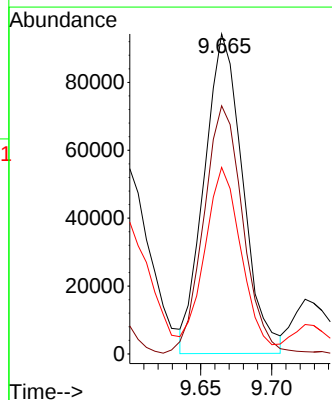
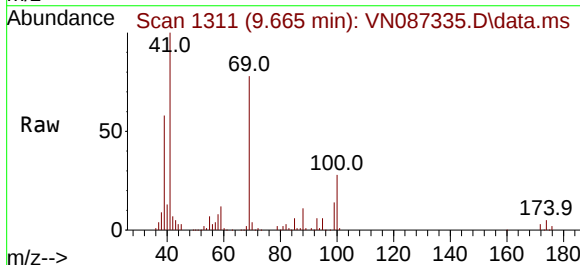
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

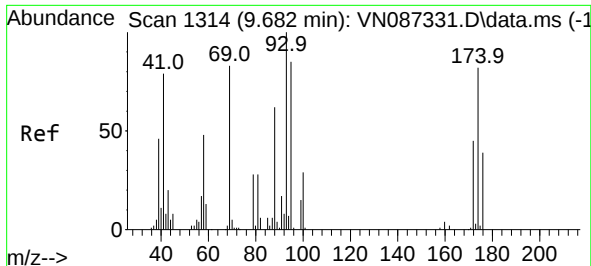
Tgt Ion: 83 Resp: 200236
Ion Ratio Lower Upper
83 100
85 60.5 50.4 75.6
127 8.2 5.8 8.8



#48
Methyl methacrylate
Concen: 56.096 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 41 Resp: 177068
Ion Ratio Lower Upper
41 100
69 79.9 64.1 96.1
39 56.0 45.5 68.3





#49

1,4-Dioxane

Concen: 1177.300 ug/l

RT: 9.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071625

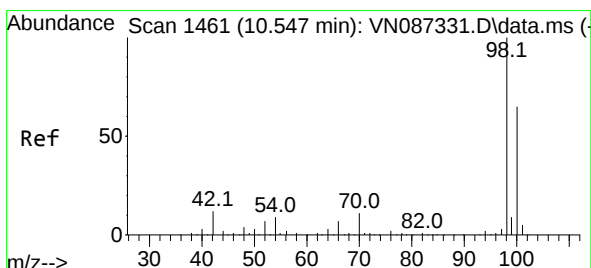
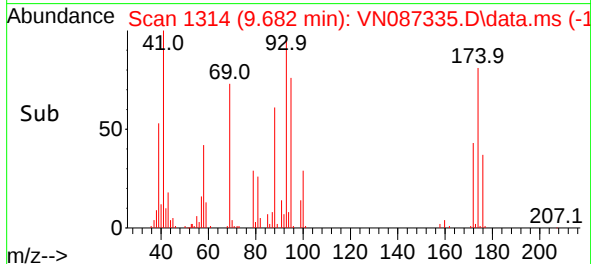
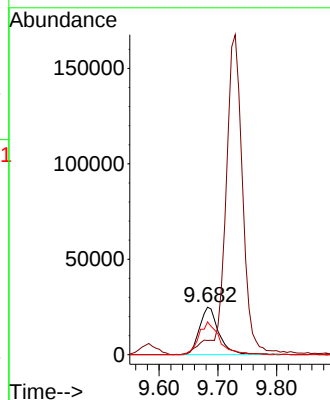
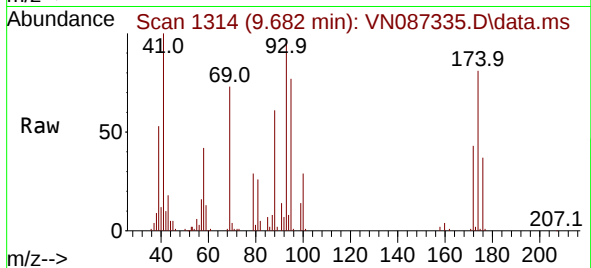
Tgt Ion: 88 Resp: 56917

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 73.7 61.1 91.7



#50

Toluene-d8

Concen: 51.573 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087335.D

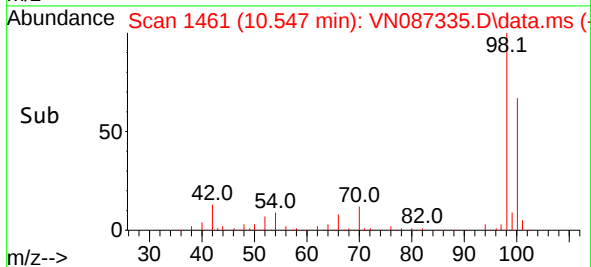
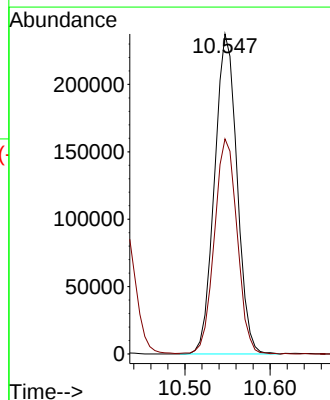
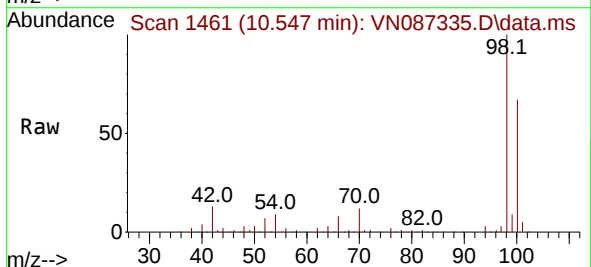
Acq: 16 Jul 2025 19:59

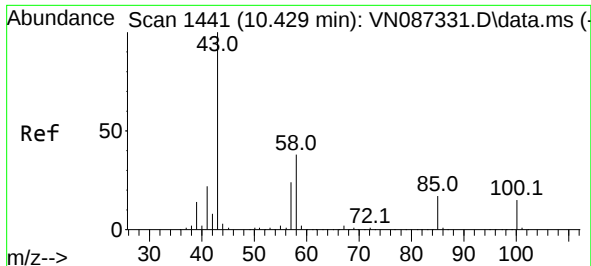
Tgt Ion: 98 Resp: 435474

Ion Ratio Lower Upper

98 100

100 68.2 52.1 78.1

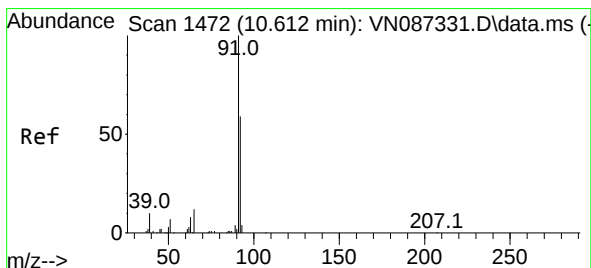
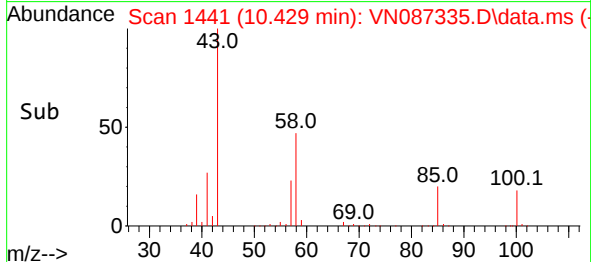
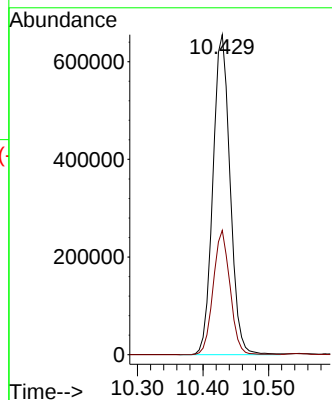
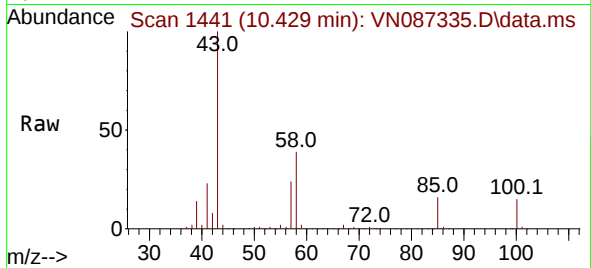




#51
4-Methyl-2-Pentanone
Concen: 268.966 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

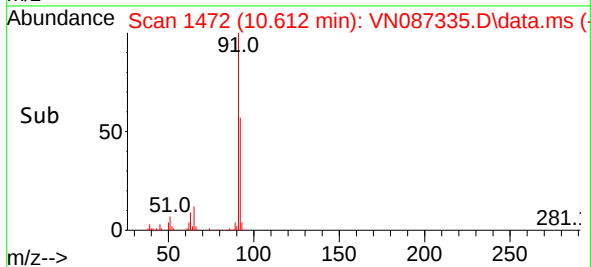
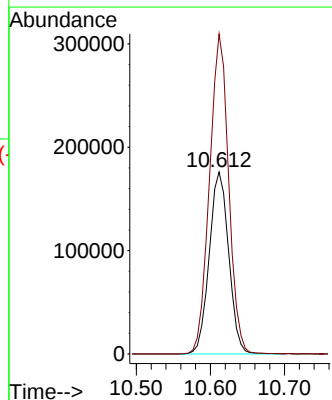
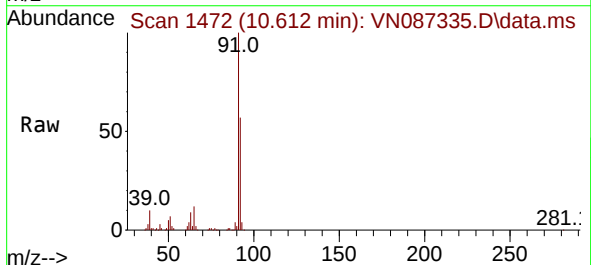
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

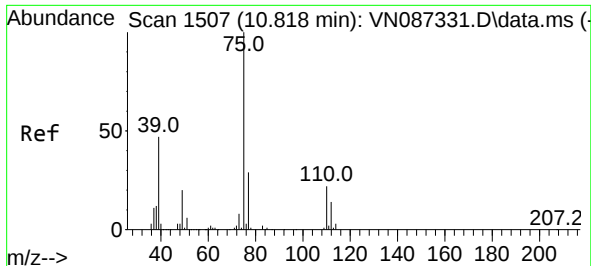
Tgt Ion: 43 Resp: 1192765
Ion Ratio Lower Upper
43 100
58 38.0 30.8 46.2



#52
Toluene
Concen: 52.236 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 92 Resp: 320922
Ion Ratio Lower Upper
92 100
91 173.1 135.1 202.7

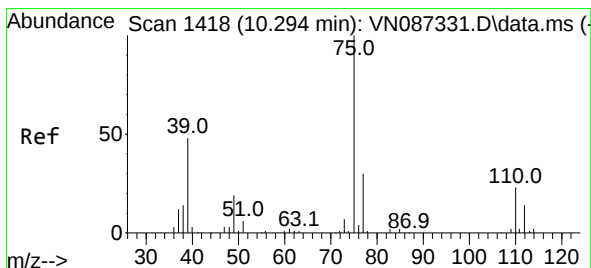
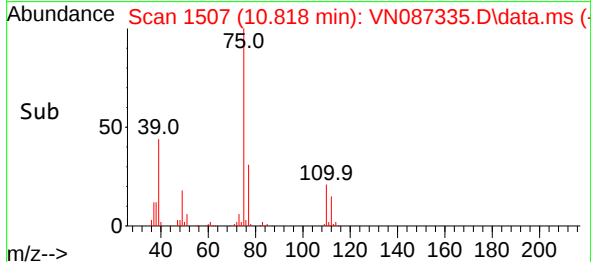
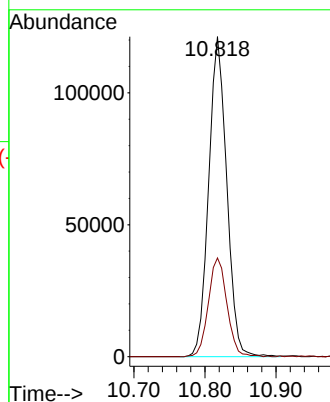
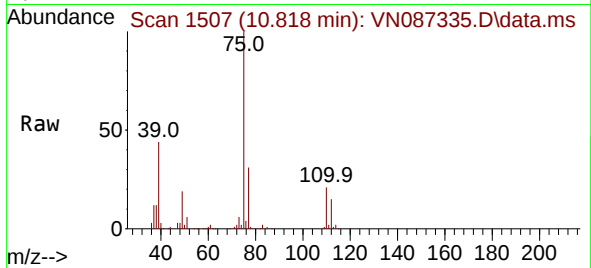




#53
t-1,3-Dichloropropene
Concen: 54.628 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

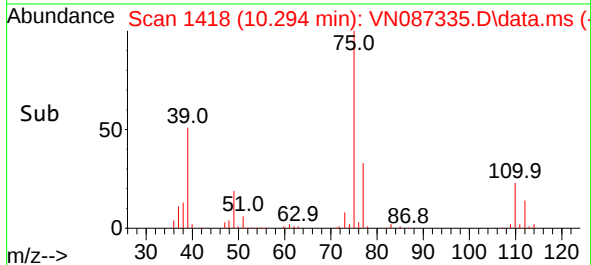
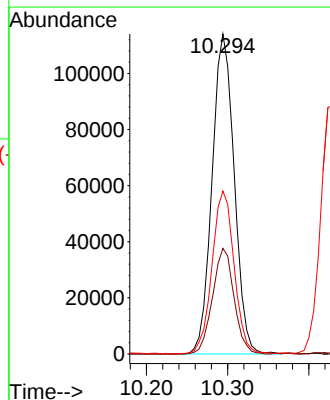
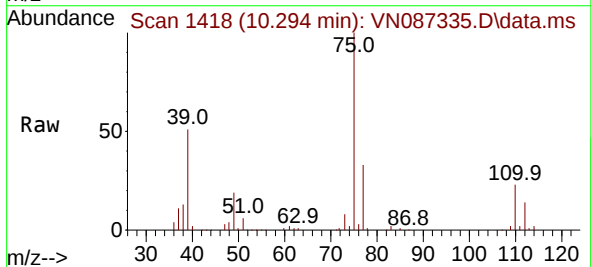
Instrument : MSVOA_N
ClientSampleId : ICVVN071625

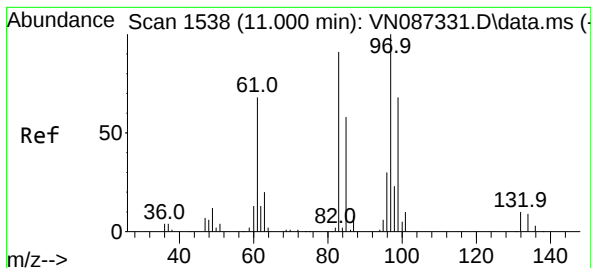
Tgt Ion: 75 Resp: 214141
Ion Ratio Lower Upper
75 100
77 30.9 23.6 35.4



#54
cis-1,3-Dichloropropene
Concen: 53.351 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 75 Resp: 216023
Ion Ratio Lower Upper
75 100
77 33.0 24.2 36.2
39 50.8 38.4 57.6





#55

1,1,2-Trichloroethane

Concen: 49.889 ug/l

RT: 11.000 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071625

Tgt Ion: 97 Resp: 124090

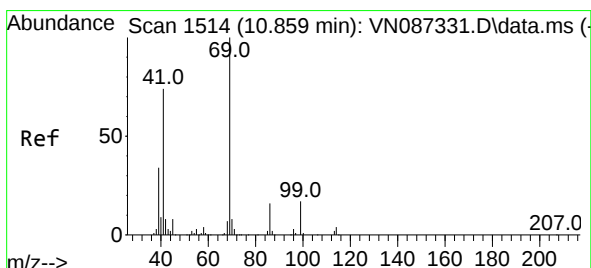
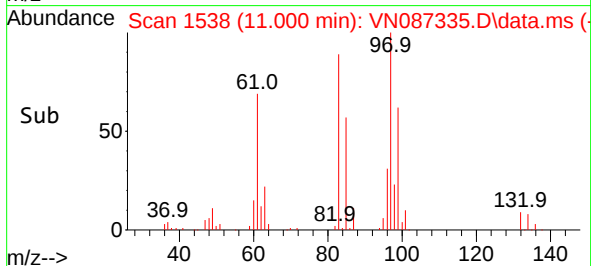
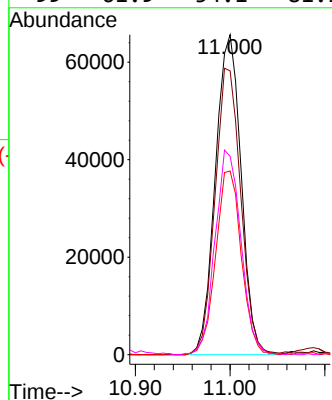
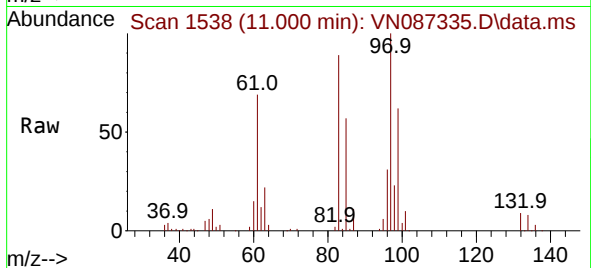
Ion Ratio Lower Upper

97 100

83 88.7 72.6 109.0

85 57.4 46.7 70.1

99 61.9 54.1 81.1



#56

Ethyl methacrylate

Concen: 53.042 ug/l

RT: 10.859 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

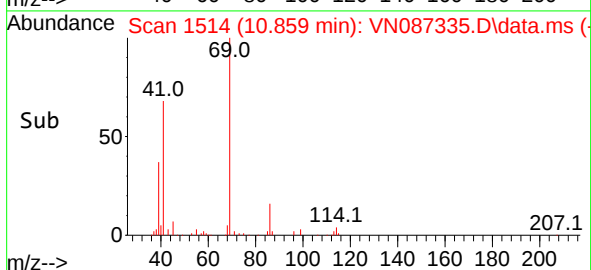
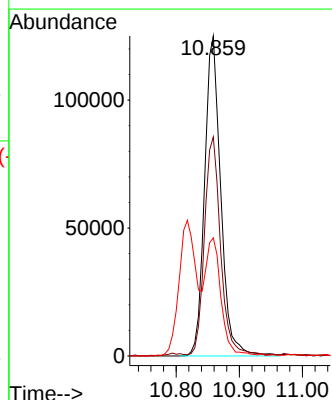
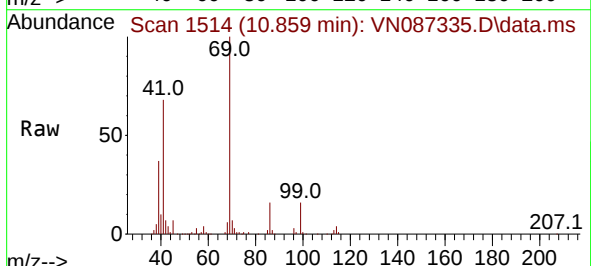
Tgt Ion: 69 Resp: 222410

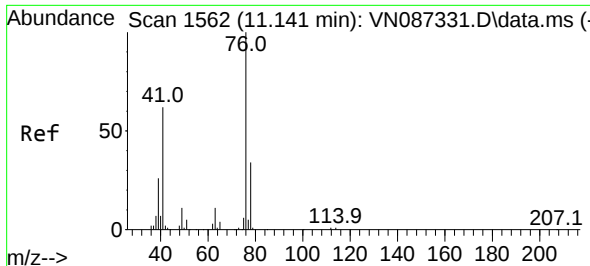
Ion Ratio Lower Upper

69 100

41 67.6 55.1 82.7

39 34.0 27.9 41.9

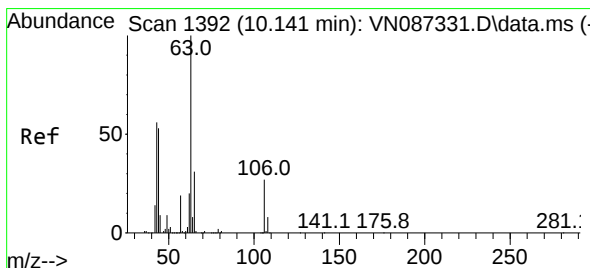
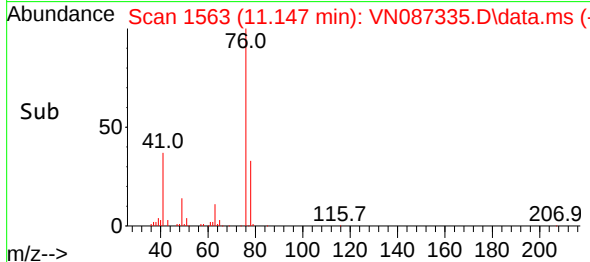
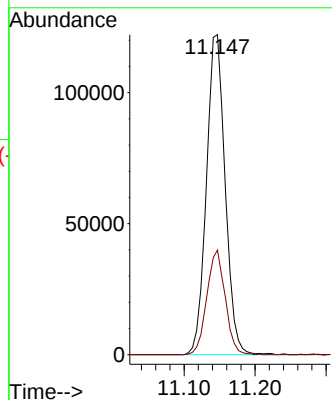
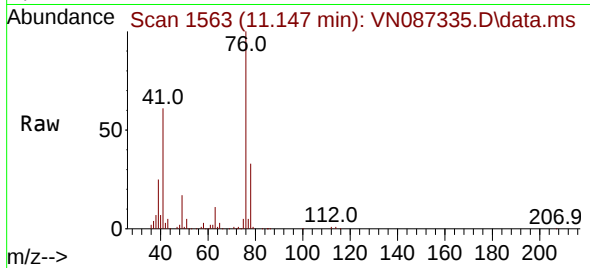




#57
1,3-Dichloropropane
Concen: 52.202 ug/l
RT: 11.147 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

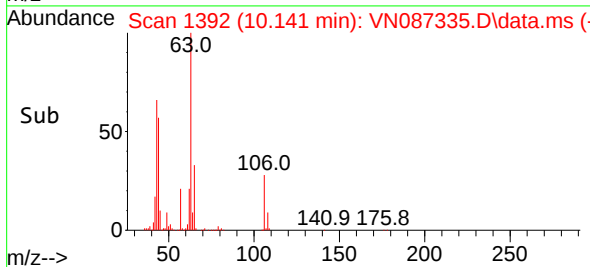
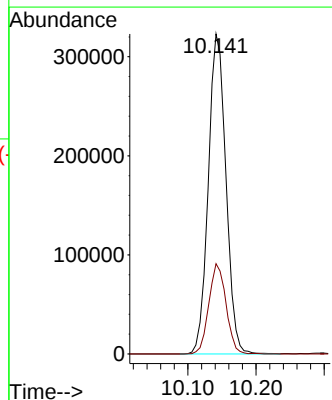
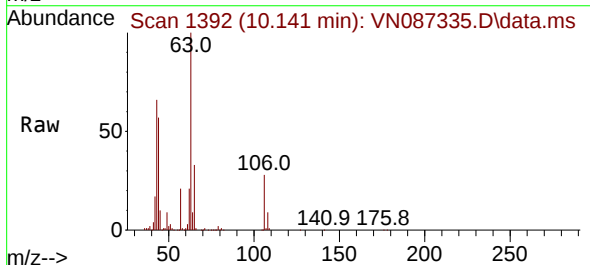
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

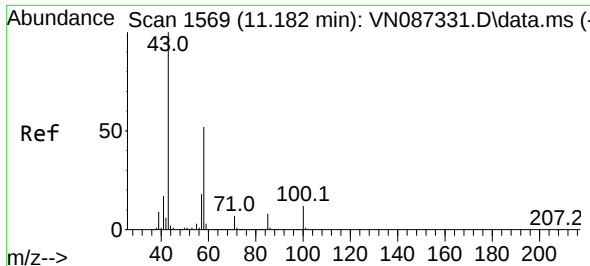
Tgt Ion: 76 Resp: 224493
Ion Ratio Lower Upper
76 100
78 31.9 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 285.088 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 63 Resp: 581689
Ion Ratio Lower Upper
63 100
106 27.5 21.7 32.5

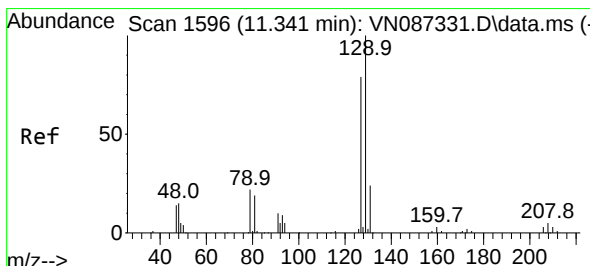
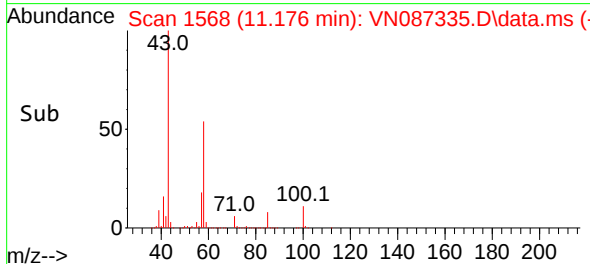
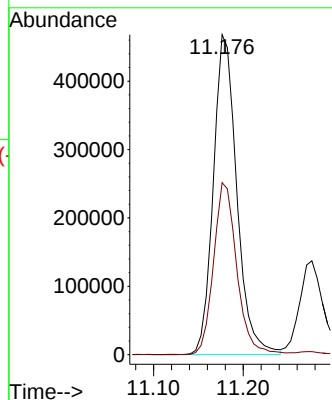
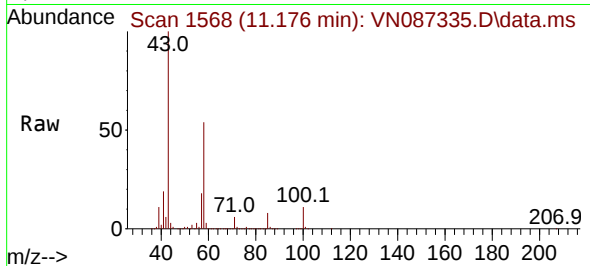




#59
2-Hexanone
Concen: 288.579 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

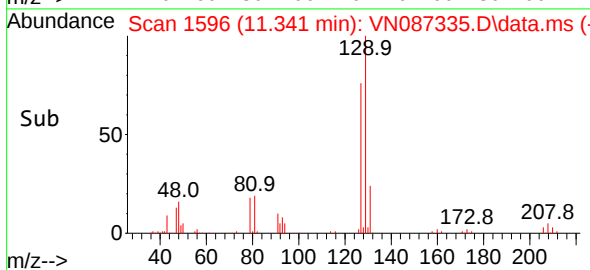
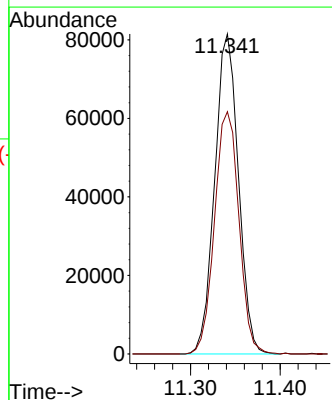
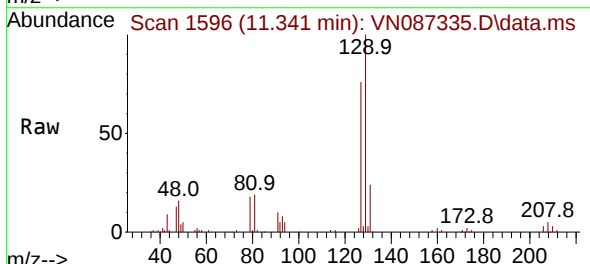
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

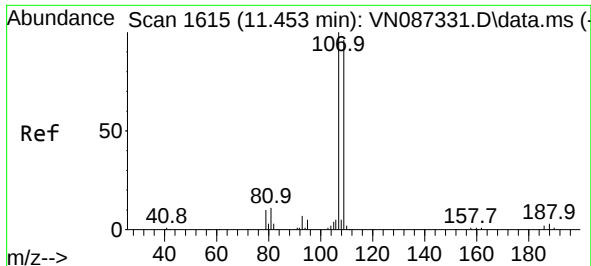
Tgt Ion: 43 Resp: 849057
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.0



#60
Dibromochloromethane
Concen: 52.685 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 129 Resp: 149449
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.5

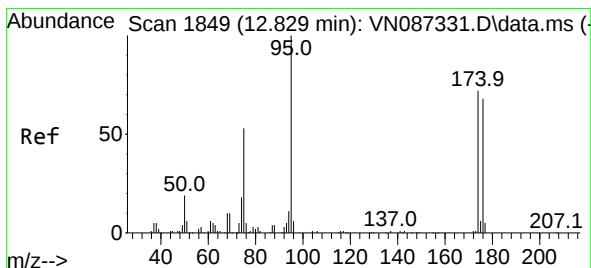
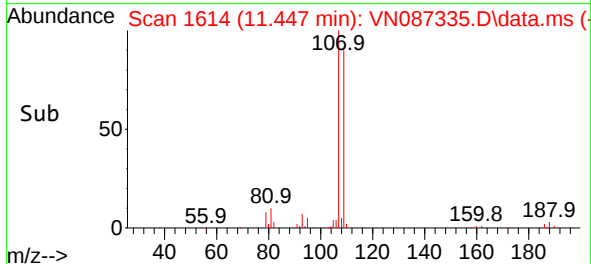
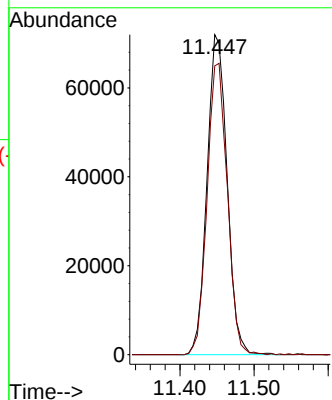
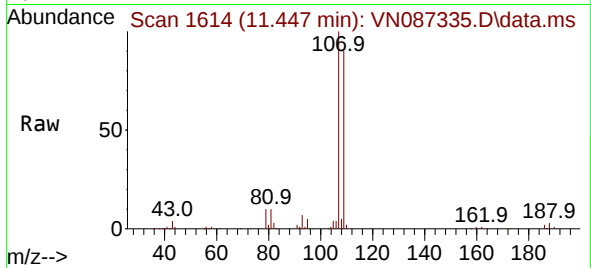




#61
1,2-Dibromoethane
Concen: 51.746 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

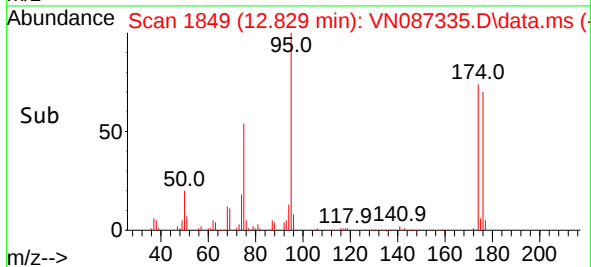
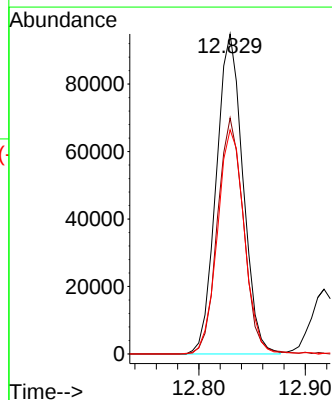
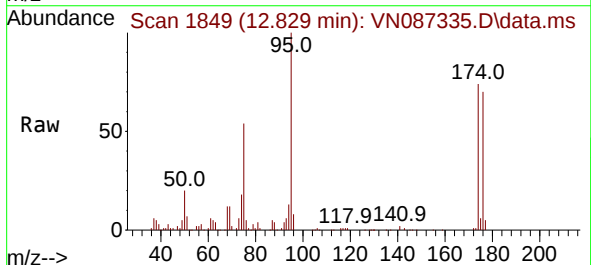
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

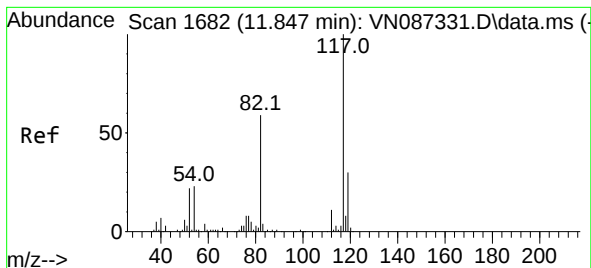
Tgt Ion:107 Resp: 135330
Ion Ratio Lower Upper
107 100
109 91.4 77.5 116.3



#62
4-Bromofluorobenzene
Concen: 52.942 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 95 Resp: 165160
Ion Ratio Lower Upper
95 100
174 71.8 0.0 149.4
176 70.6 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071625

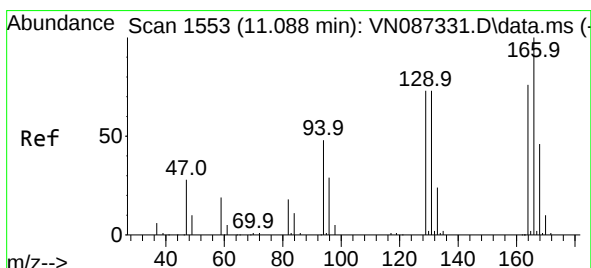
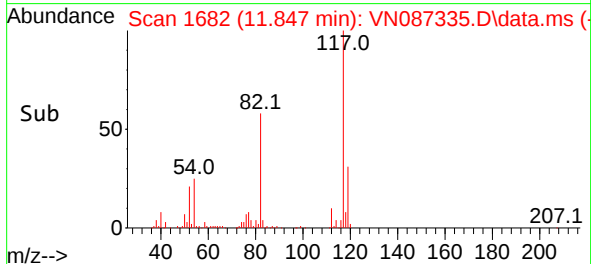
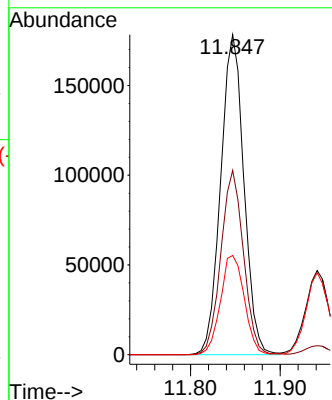
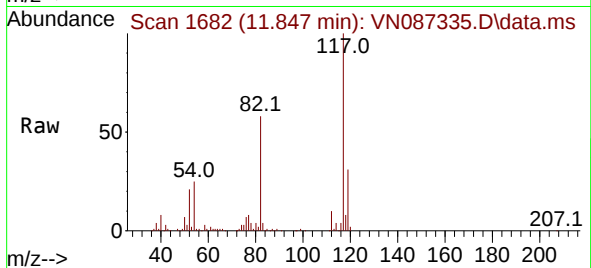
Tgt Ion:117 Resp: 319692

Ion Ratio Lower Upper

117 100

82 57.6 47.4 71.2

119 31.0 23.8 35.8



#64

Tetrachloroethene

Concen: 47.819 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.006 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Tgt Ion:164 Resp: 98391

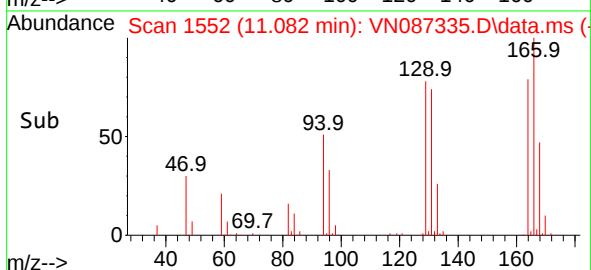
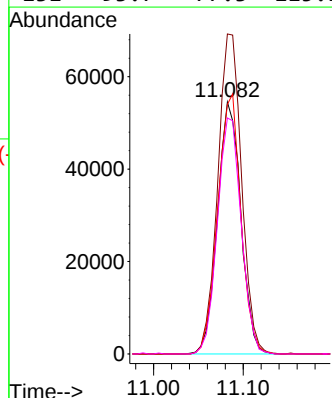
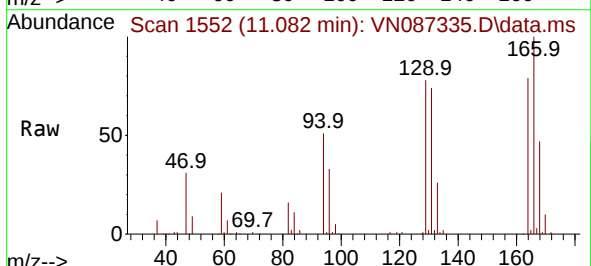
Ion Ratio Lower Upper

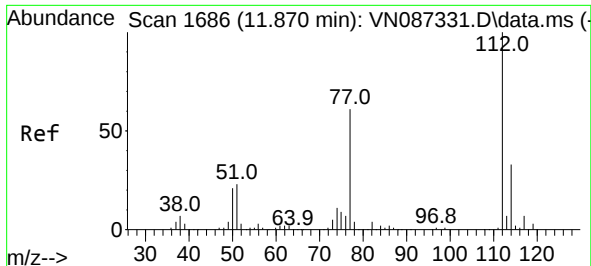
164 100

166 127.0 105.5 158.3

129 99.0 77.4 116.2

131 93.7 77.3 115.9

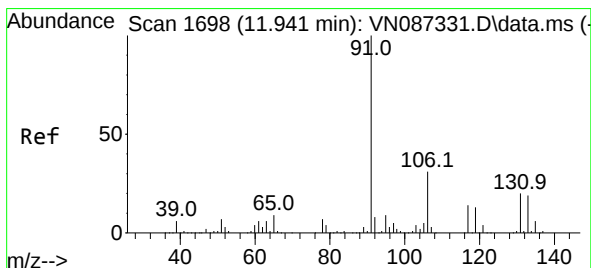
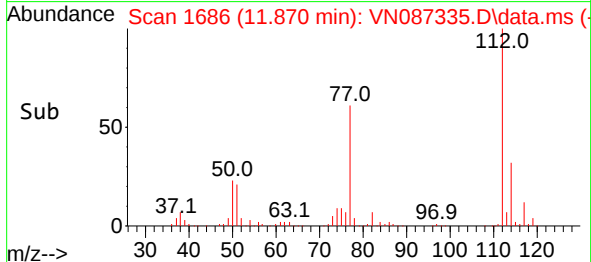
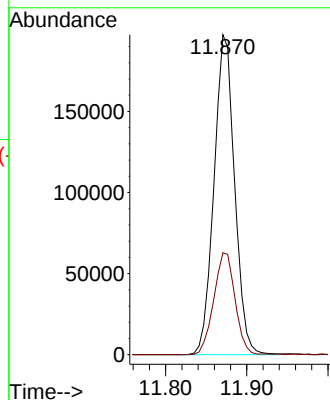
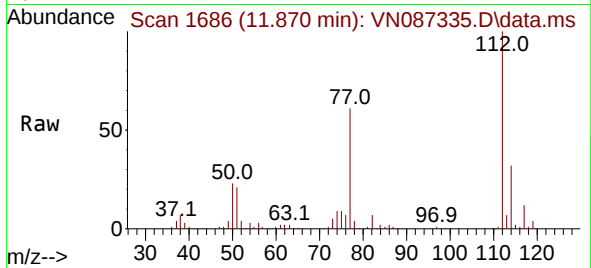




#65
Chlorobenzene
Concen: 48.477 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

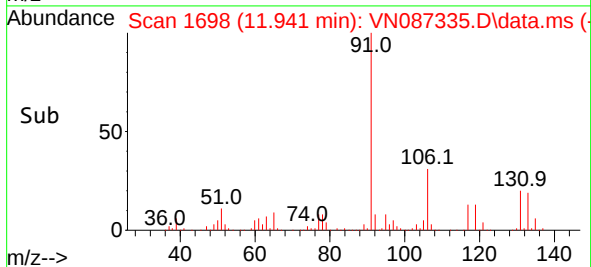
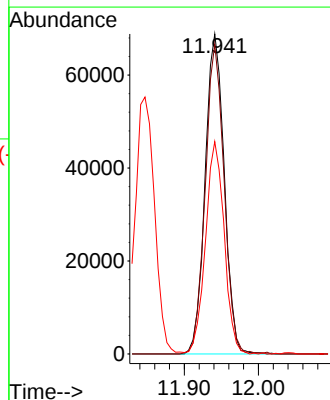
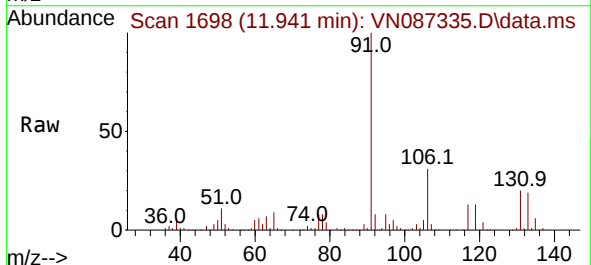
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

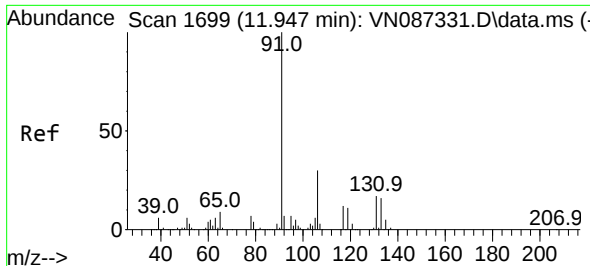
Tgt Ion:112 Resp: 347934
Ion Ratio Lower Upper
112 100
114 31.8 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.530 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:131 Resp: 123321
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.3
119 65.0 33.1 99.2

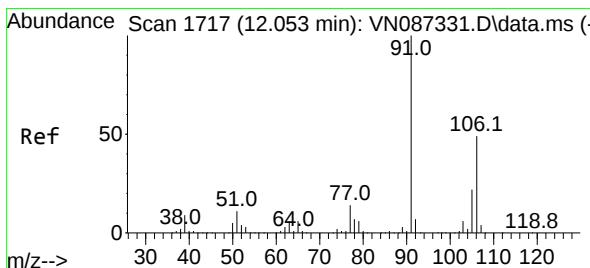
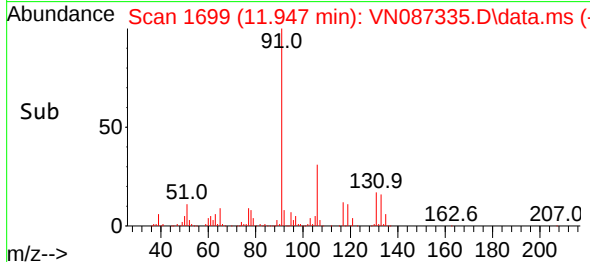
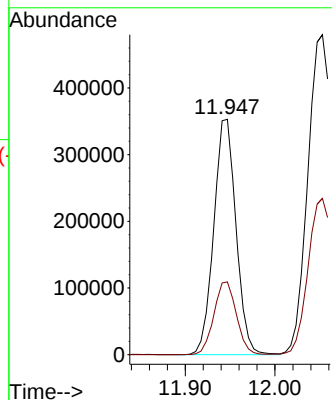
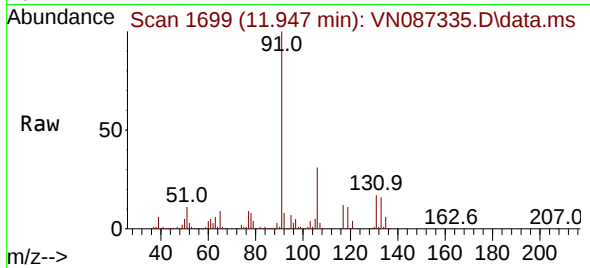




#67
Ethyl Benzene
Concen: 51.523 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

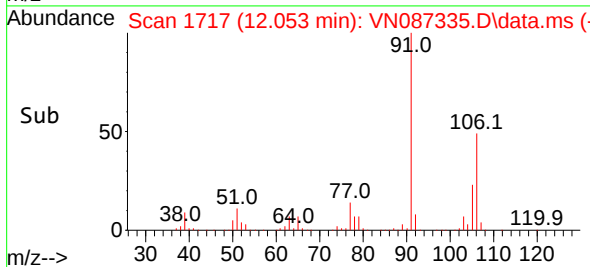
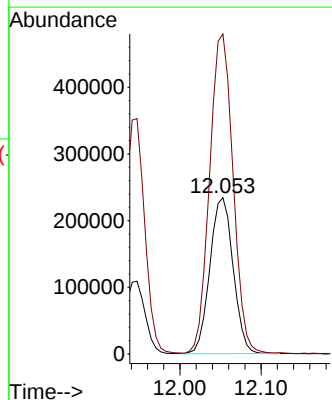
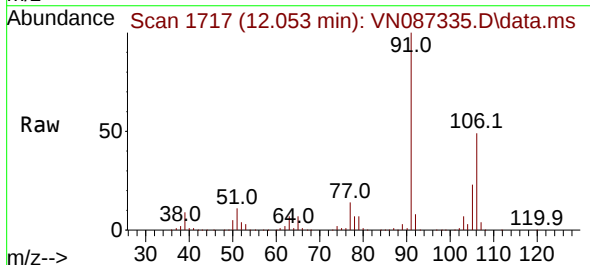
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

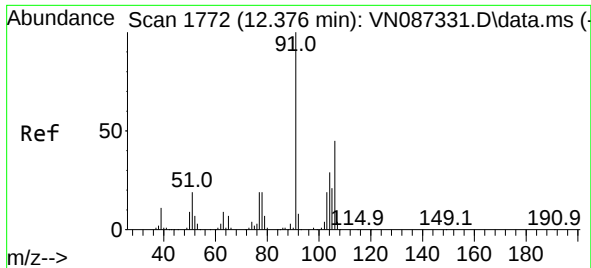
Tgt Ion: 91 Resp: 608779
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5



#68
m/p-Xylenes
Concen: 105.269 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:106 Resp: 465762
Ion Ratio Lower Upper
106 100
91 206.7 162.0 243.0

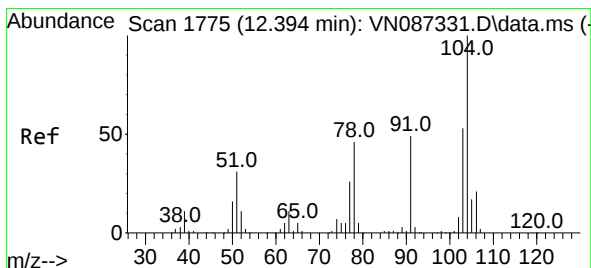
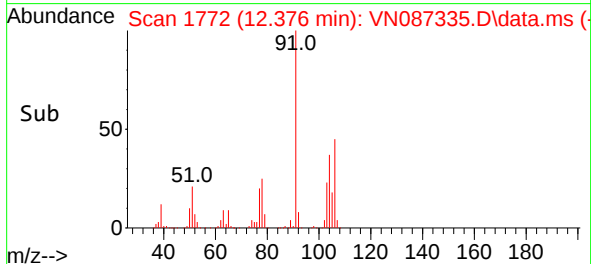
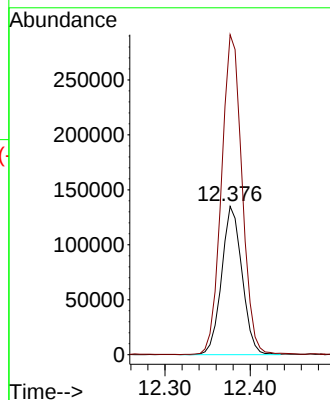
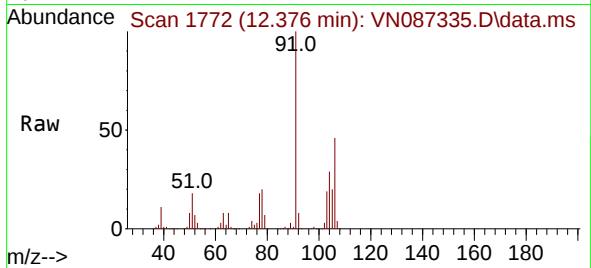




#69
o-Xylene
Concen: 53.221 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

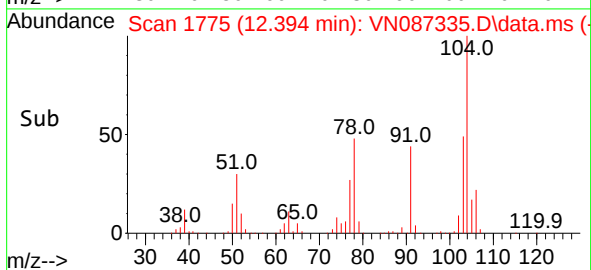
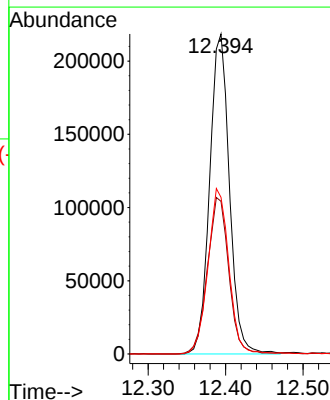
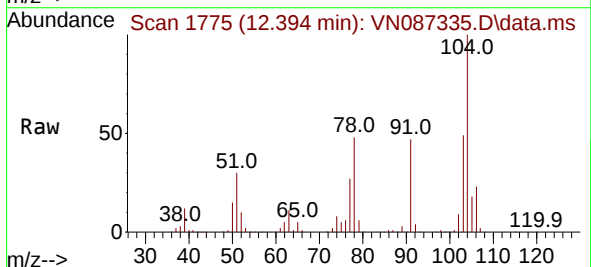
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

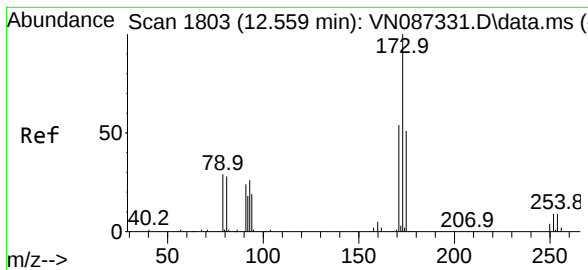
Tgt Ion:106 Resp: 224934
Ion Ratio Lower Upper
106 100
91 217.3 107.7 323.3



#70
Styrene
Concen: 54.477 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:104 Resp: 387319
Ion Ratio Lower Upper
104 100
78 53.1 41.0 61.6
103 54.5 43.9 65.9

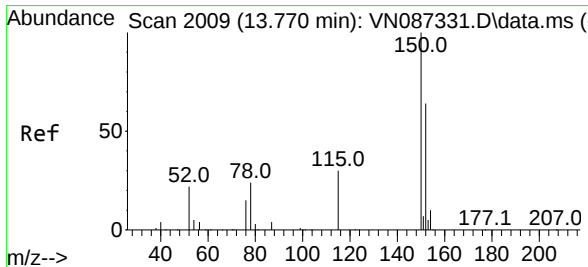
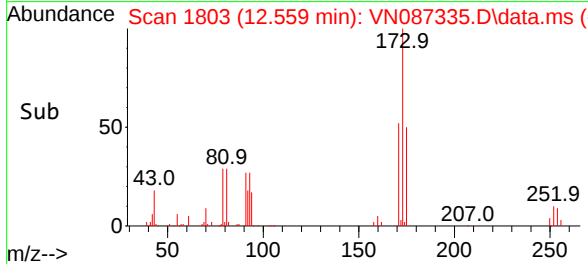
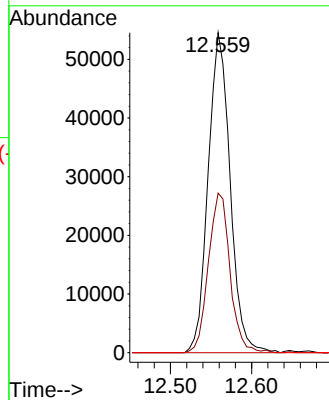
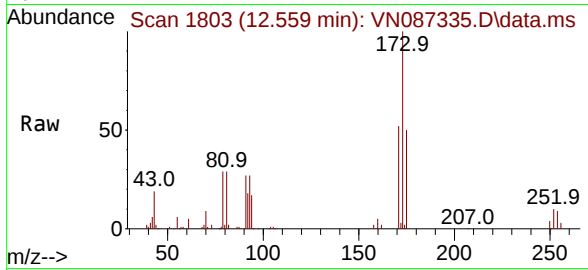




#71
Bromoform
Concen: 51.987 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

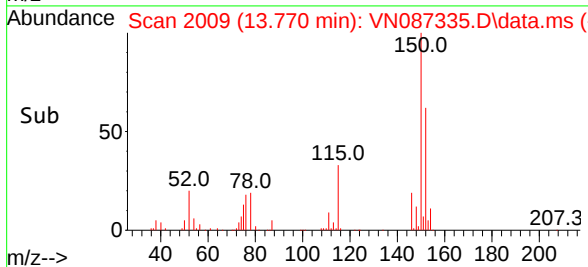
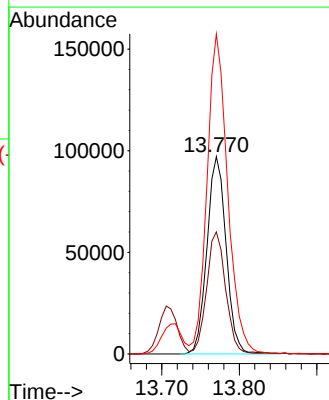
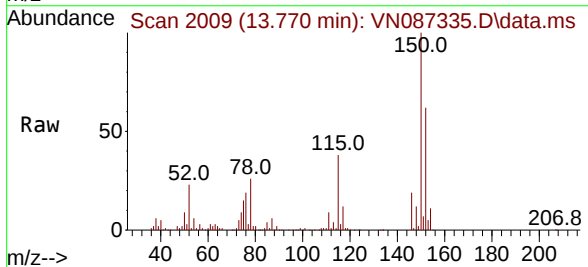
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

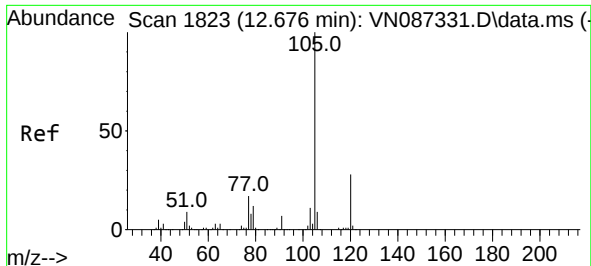
Tgt Ion:173 Resp: 102502
Ion Ratio Lower Upper
173 100
175 49.0 24.1 72.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:152 Resp: 166959
Ion Ratio Lower Upper
152 100
115 60.2 31.1 93.5
150 174.4 0.0 349.0

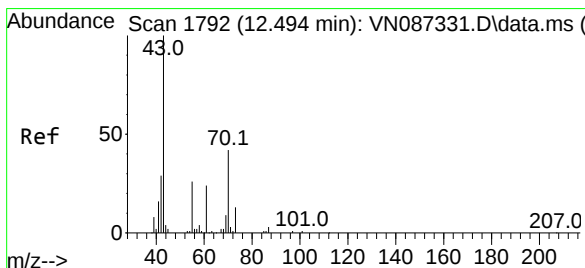
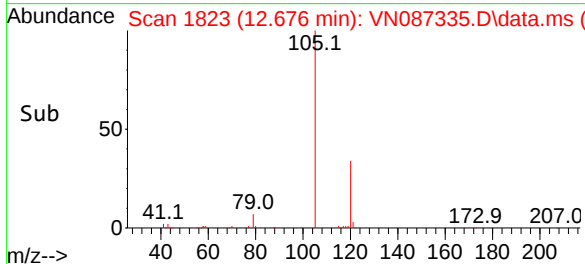
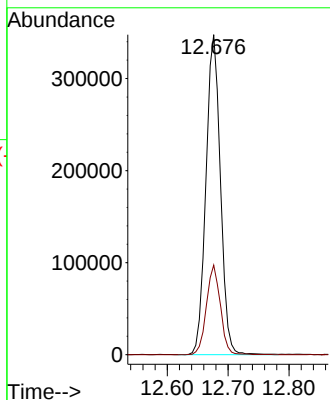
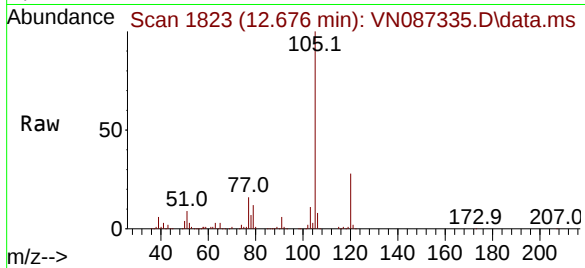




#73
Isopropylbenzene
Concen: 54.619 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

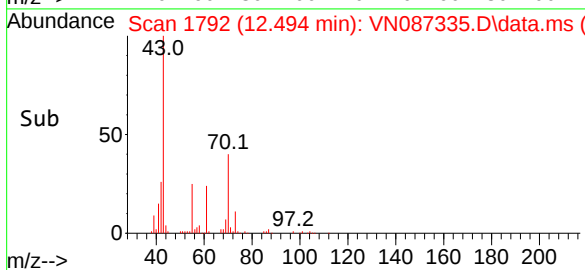
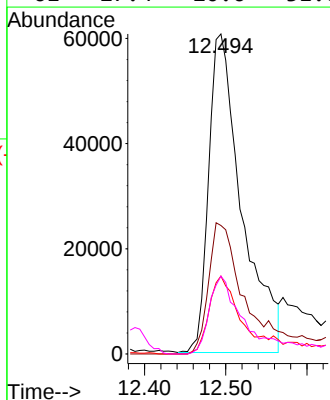
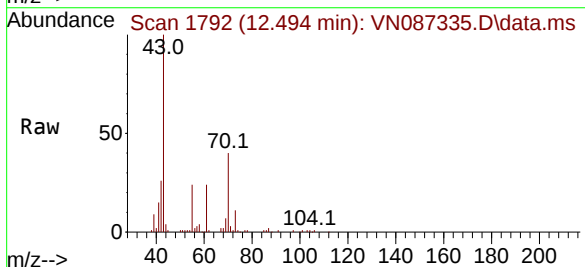
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

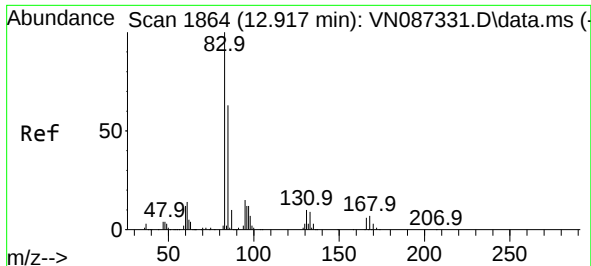
Tgt Ion:105 Resp: 573938
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 39.402 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 43 Resp: 172024
Ion Ratio Lower Upper
43 100
70 48.0 37.6 56.4
55 24.6 19.6 29.4
61 27.4 20.6 31.0

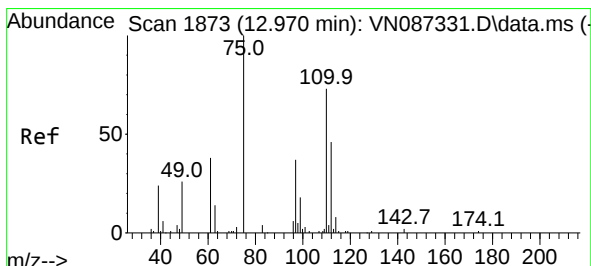
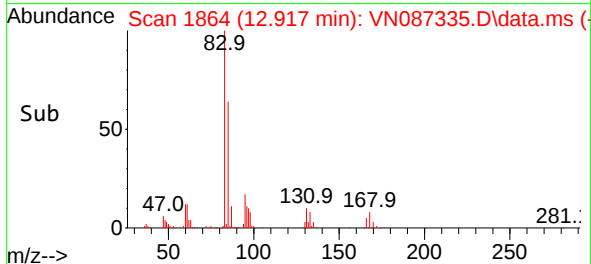
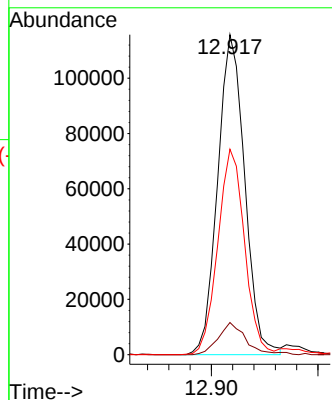
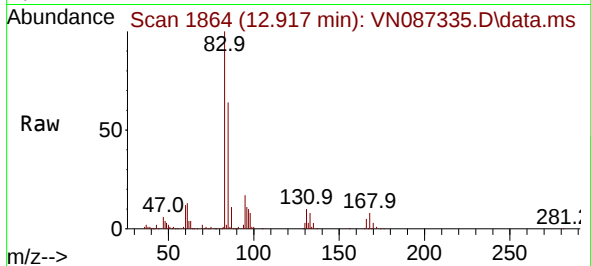




#75
1,1,2,2-Tetrachloroethane
Concen: 51.580 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

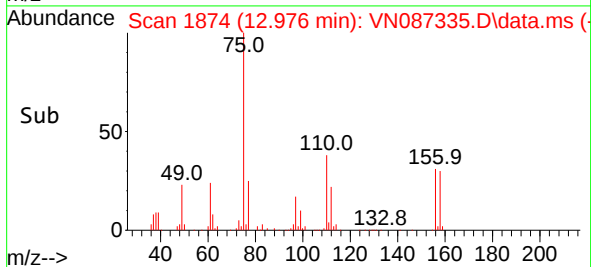
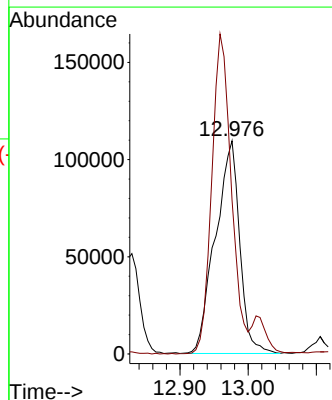
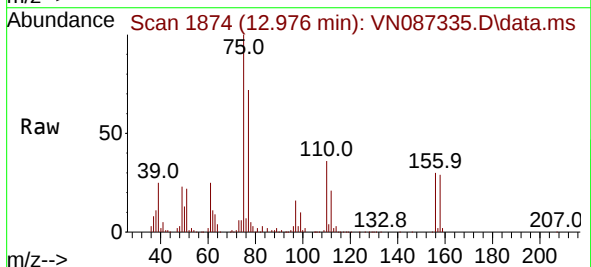
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

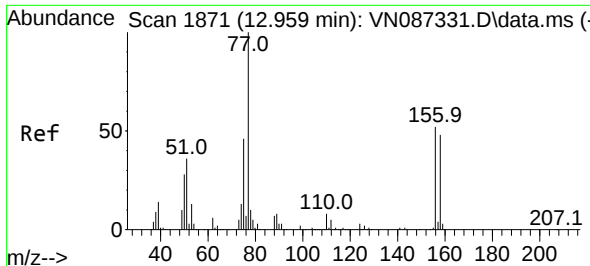
Tgt Ion: 83 Resp: 203947
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 63.4 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 72.360 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 75 Resp: 270911
Ion Ratio Lower Upper
75 100
77 121.5 94.5 283.6

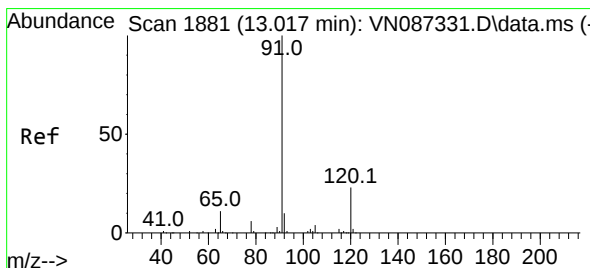
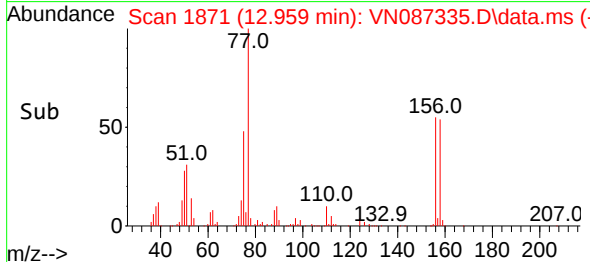
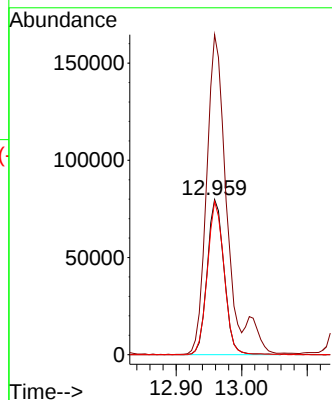
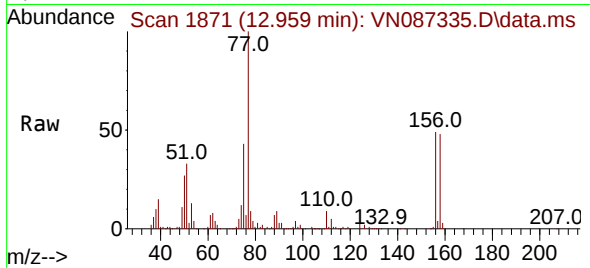




#77
Bromobenzene
Concen: 52.368 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

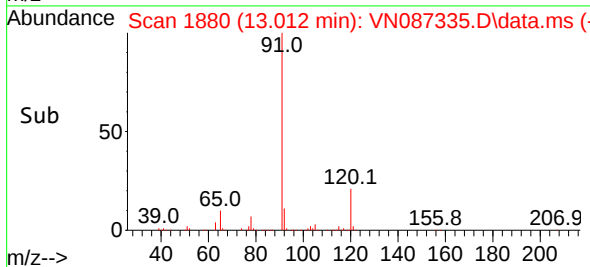
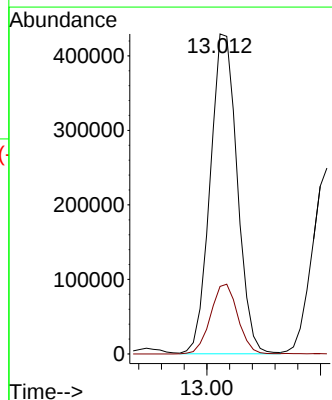
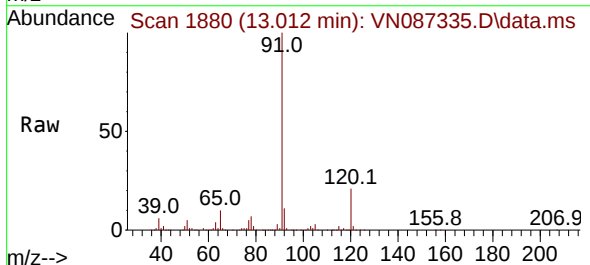
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

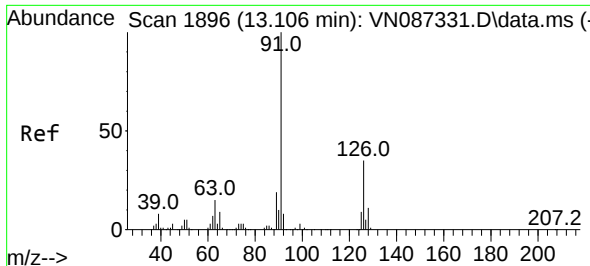
Tgt Ion:156 Resp: 142714
Ion Ratio Lower Upper
156 100
77 230.7 114.9 344.6
158 98.1 48.5 145.5



#78
n-propylbenzene
Concen: 53.661 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 91 Resp: 709437
Ion Ratio Lower Upper
91 100
120 21.9 11.3 33.8

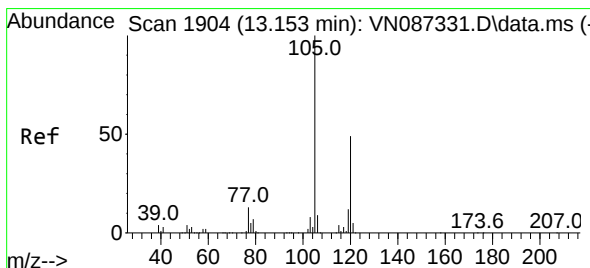
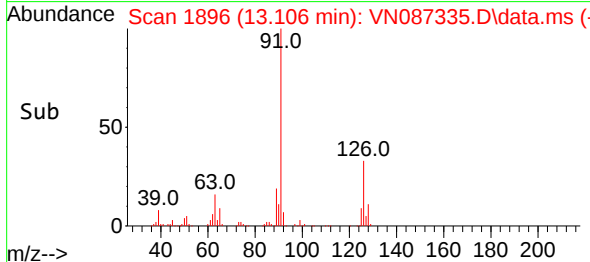
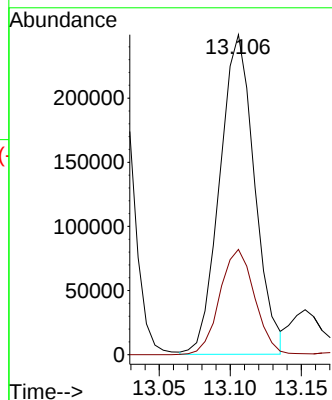
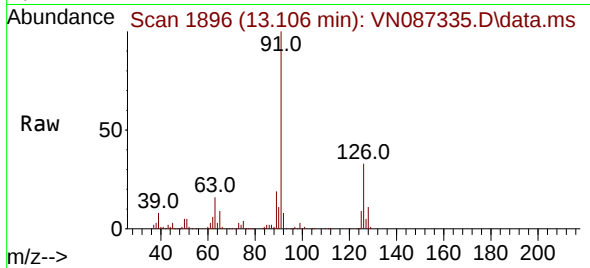




#79
2-Chlorotoluene
Concen: 52.475 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

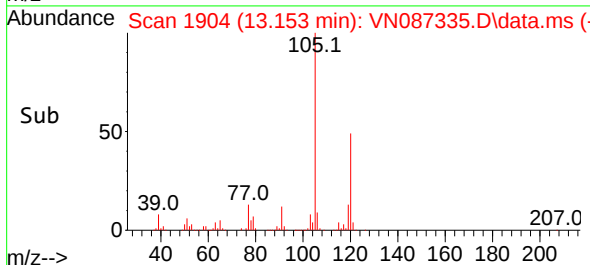
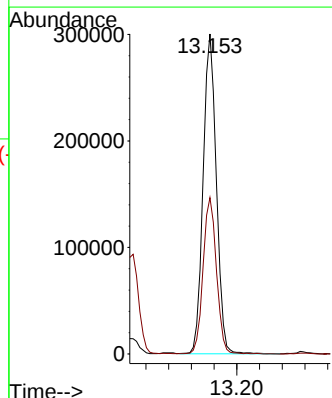
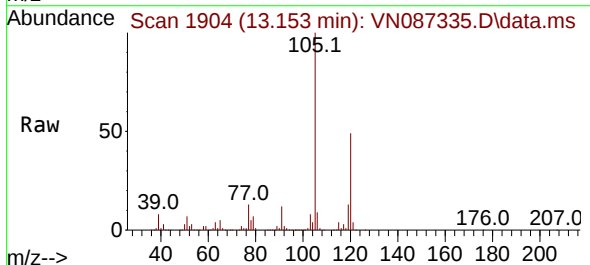
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

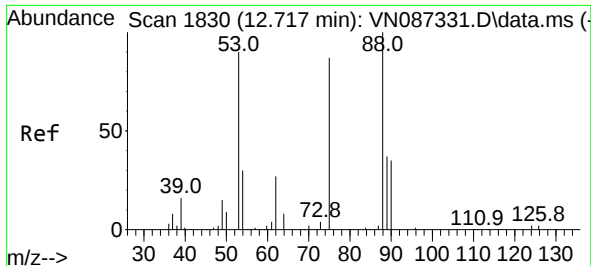
Tgt Ion: 91 Resp: 426373
Ion Ratio Lower Upper
91 100
126 33.1 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 54.071 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 105 Resp: 484100
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.8

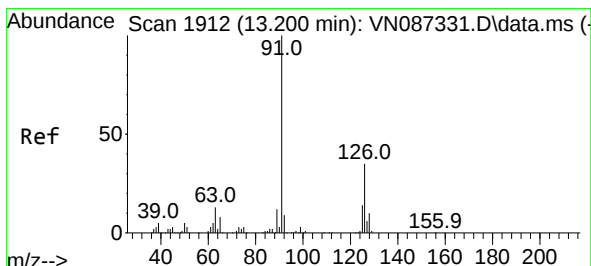
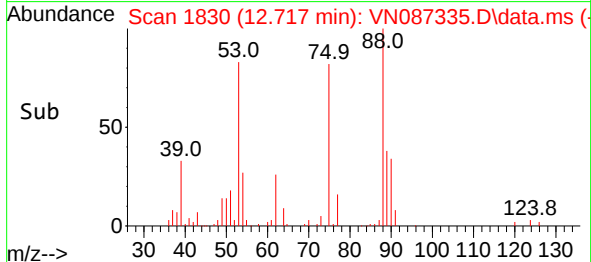
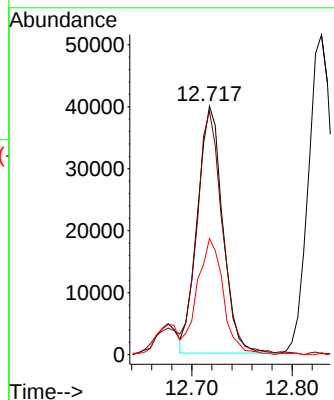
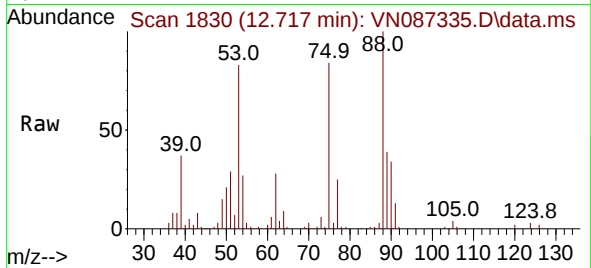




#81
trans-1,4-Dichloro-2-butene
Concen: 51.080 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

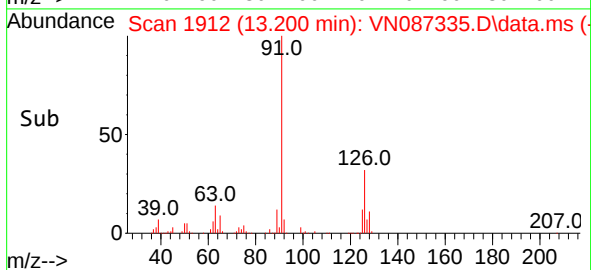
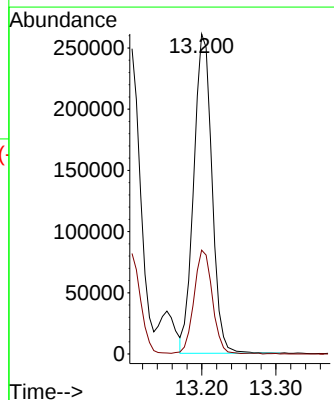
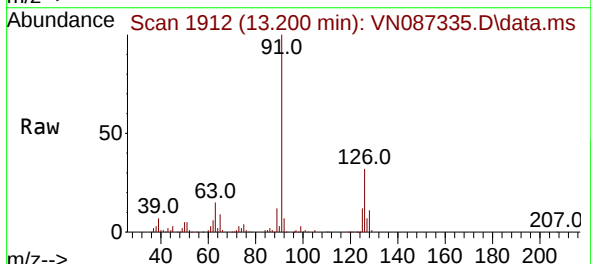
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

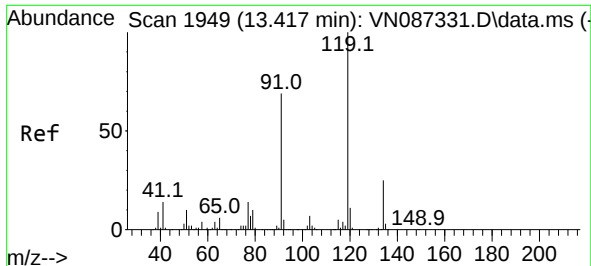
Tgt Ion: 75 Resp: 69894
Ion Ratio Lower Upper
75 100
53 100.2 83.5 125.3
89 48.6 38.4 57.6



#82
4-Chlorotoluene
Concen: 52.464 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 91 Resp: 443817
Ion Ratio Lower Upper
91 100
126 32.4 16.6 49.7

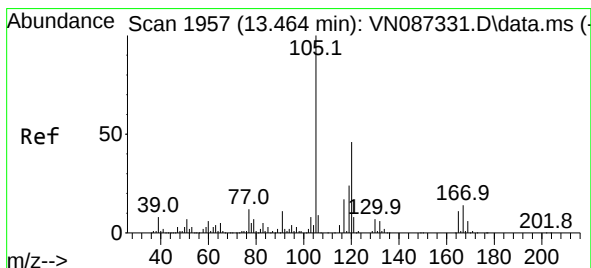
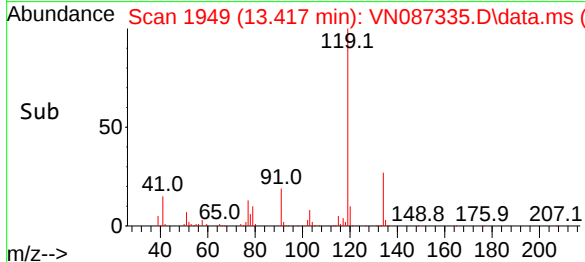
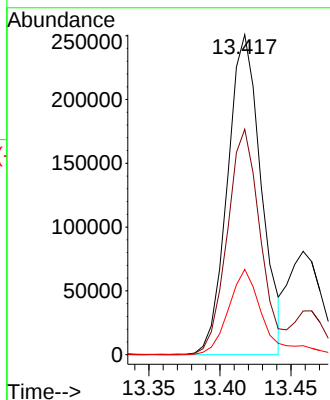
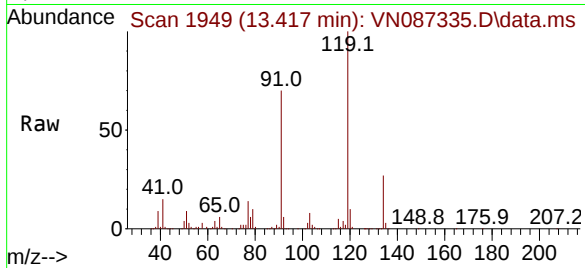




#83
tert-Butylbenzene
Concen: 55.349 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

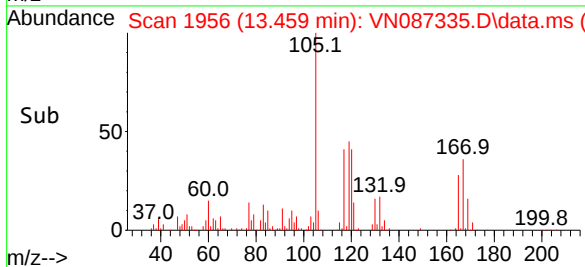
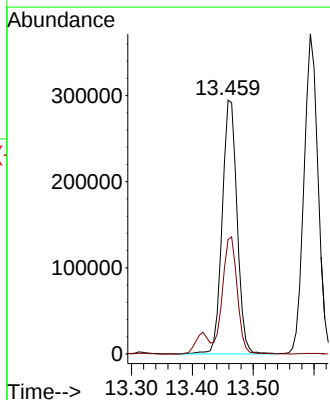
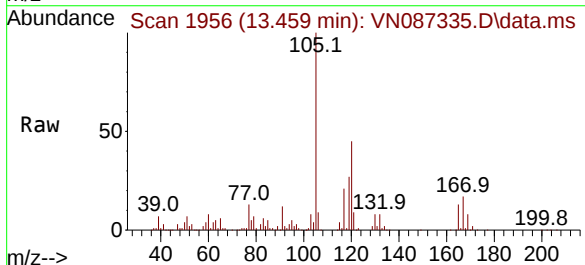
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

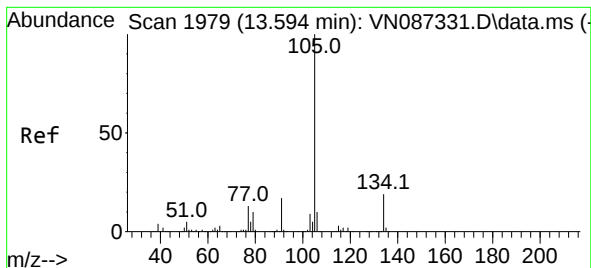
Tgt Ion:119 Resp: 413882
Ion Ratio Lower Upper
119 100
91 69.7 35.0 105.1
134 27.6 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 54.773 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion:105 Resp: 500792
Ion Ratio Lower Upper
105 100
120 46.0 22.8 68.3





#85

sec-Butylbenzene

Concen: 52.800 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

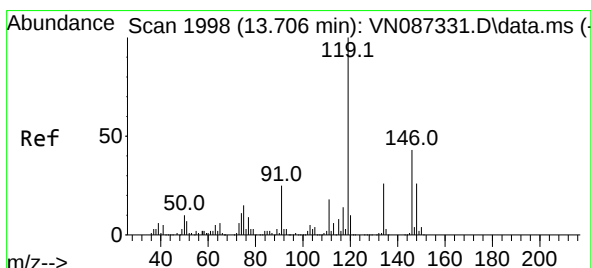
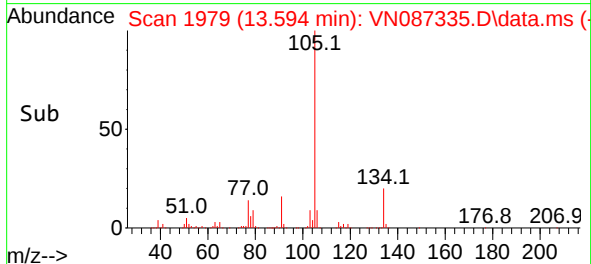
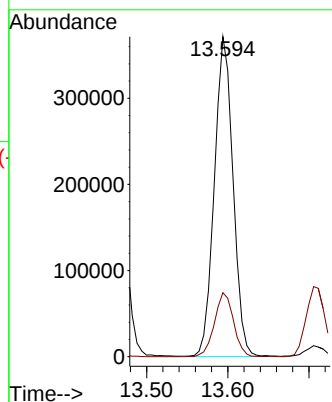
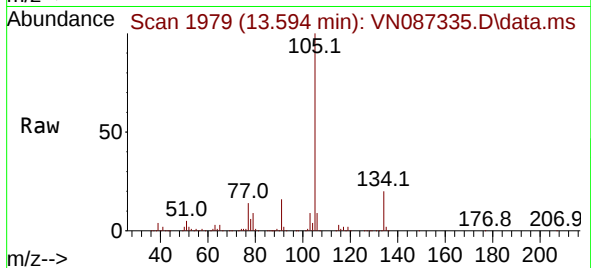
ICVVN071625

Tgt Ion:105 Resp: 594712

Ion Ratio Lower Upper

105 100

134 20.4 9.8 29.4



#86

p-Isopropyltoluene

Concen: 54.982 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

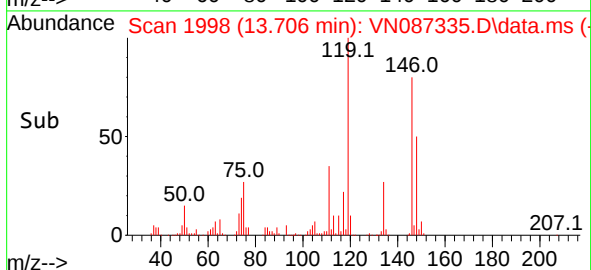
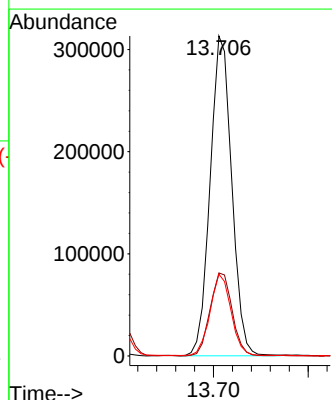
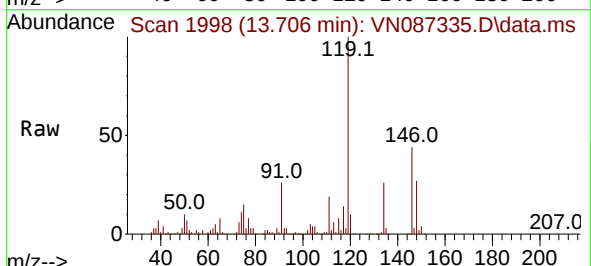
Tgt Ion:119 Resp: 496291

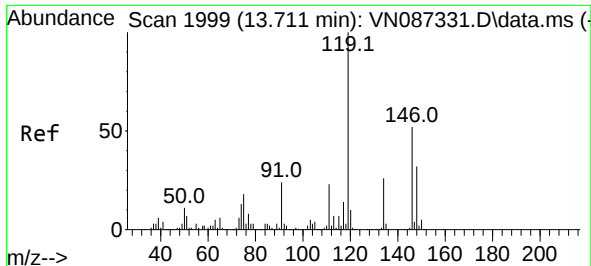
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.5

91 24.6 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 51.809 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071625

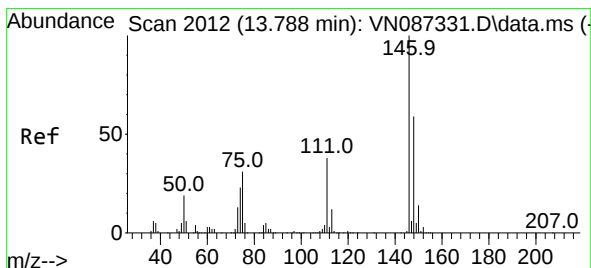
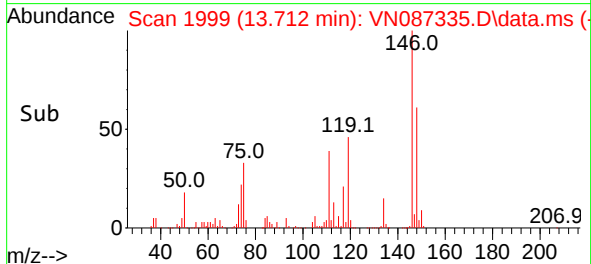
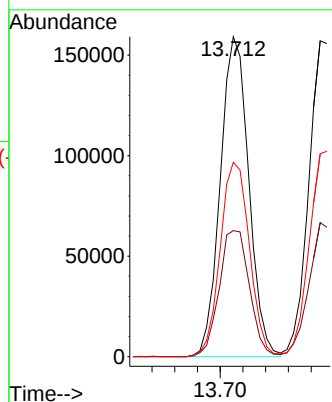
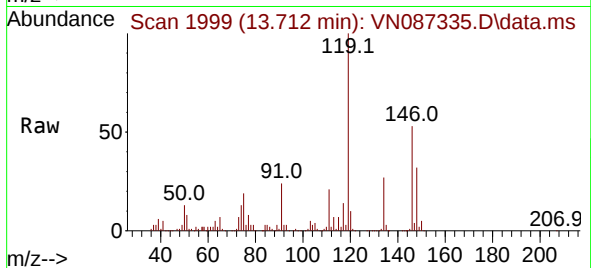
Tgt Ion:146 Resp: 277102

Ion Ratio Lower Upper

146 100

111 42.0 21.4 64.3

148 62.5 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 49.381 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

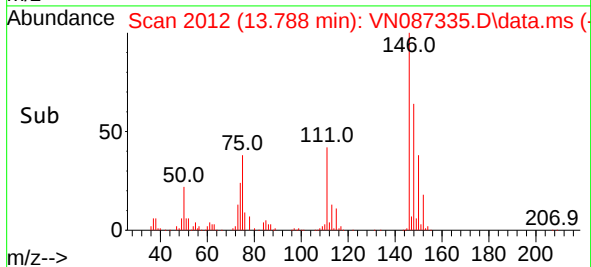
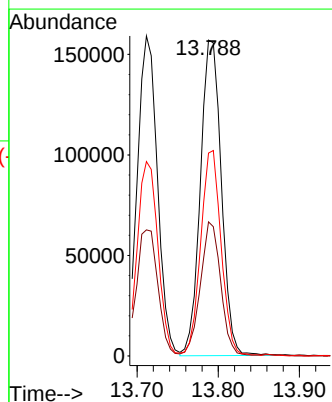
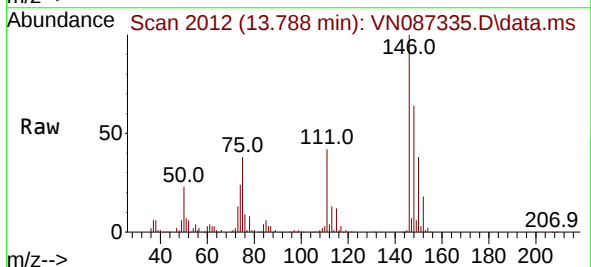
Tgt Ion:146 Resp: 282084

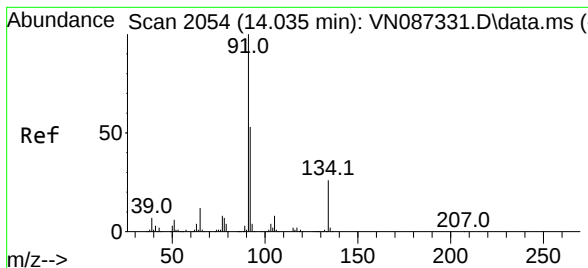
Ion Ratio Lower Upper

146 100

111 40.5 19.6 58.7

148 63.2 31.4 94.0





#89

n-Butylbenzene

Concen: 53.250 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071625

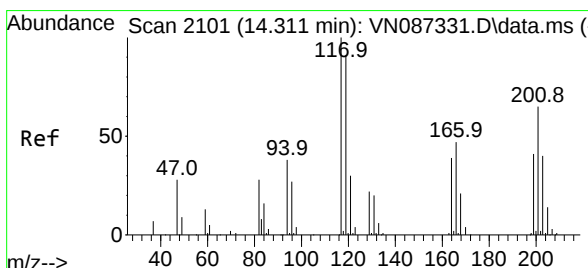
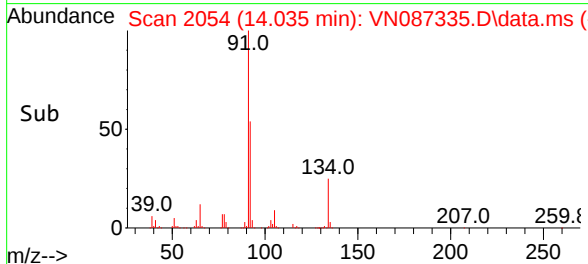
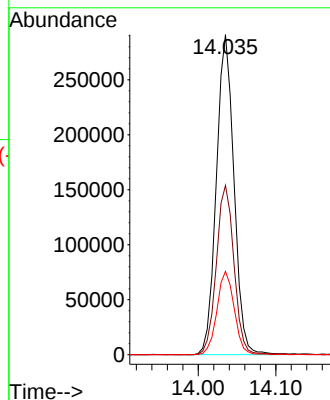
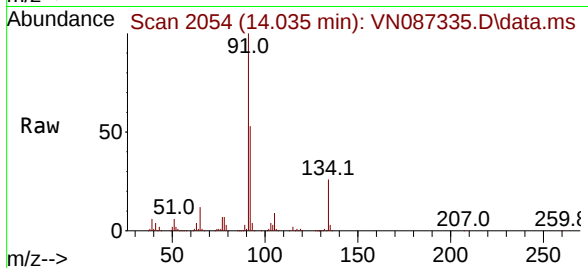
Tgt Ion: 91 Resp: 458964

Ion Ratio Lower Upper

91 100

92 53.0 26.2 78.6

134 25.7 12.4 37.2



#90

Hexachloroethane

Concen: 48.870 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. 0.000 min

Lab File: VN087335.D

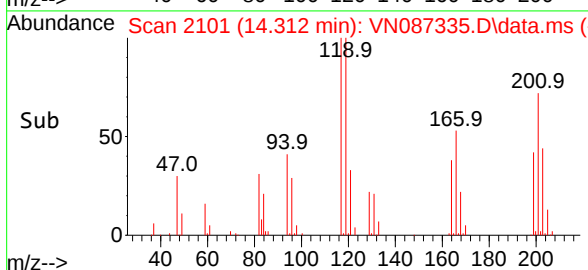
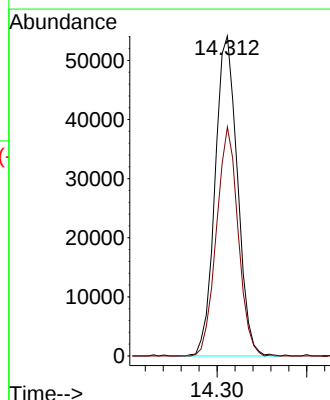
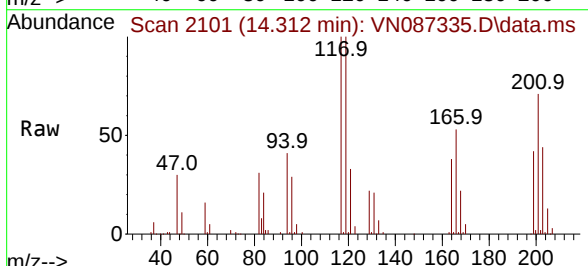
Acq: 16 Jul 2025 19:59

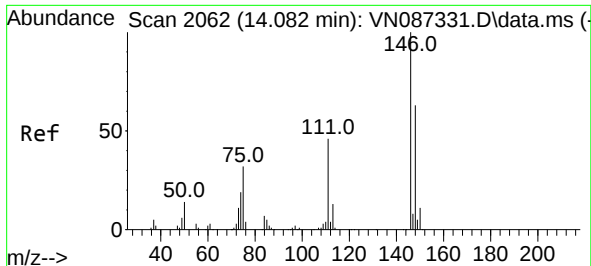
Tgt Ion: 117 Resp: 93464

Ion Ratio Lower Upper

117 100

201 69.6 32.8 98.4

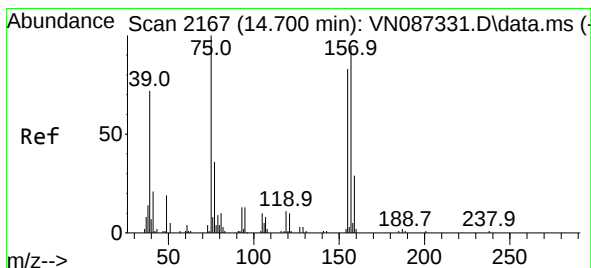
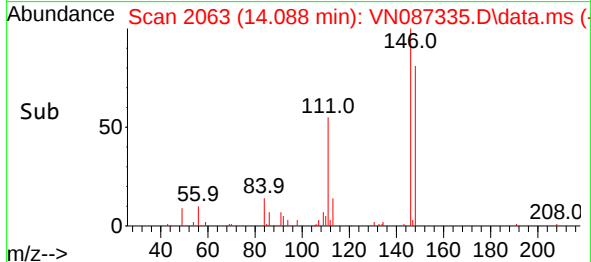
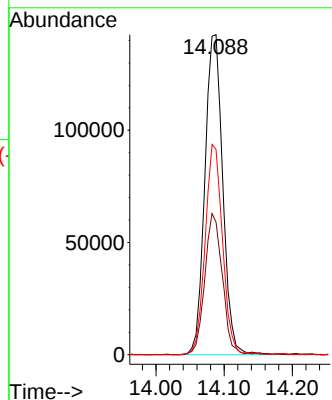
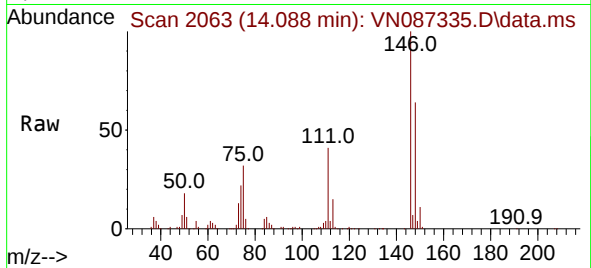




#91
1,2-Dichlorobenzene
Concen: 51.485 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

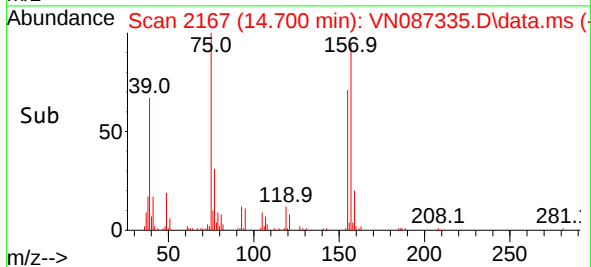
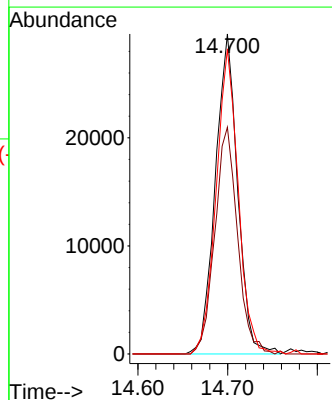
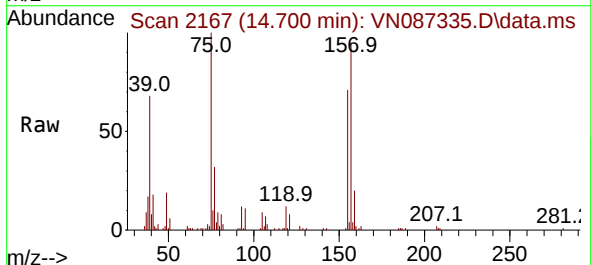
Instrument :
MSVOA_N
ClientSampleId :
ICVVN071625

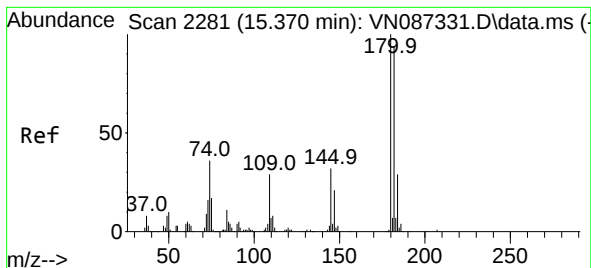
Tgt Ion:146 Resp: 260874
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 64.0 32.7 98.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.035 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087335.D
Acq: 16 Jul 2025 19:59

Tgt Ion: 75 Resp: 50904
Ion Ratio Lower Upper
75 100
155 72.3 37.3 111.8
157 95.1 46.2 138.6





#93

1,2,4-Trichlorobenzene

Concen: 52.351 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071625

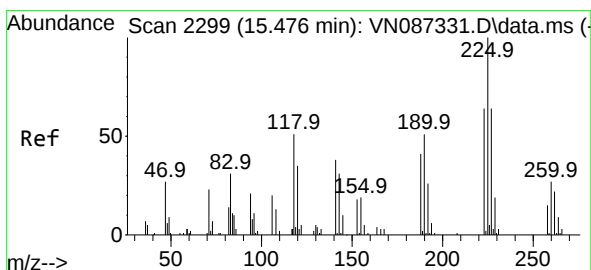
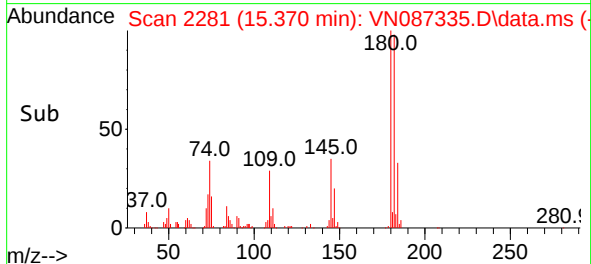
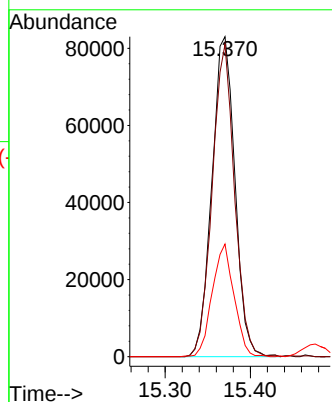
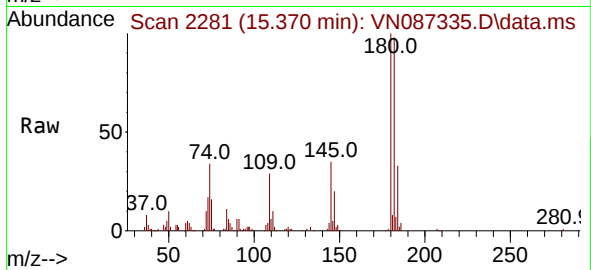
Tgt Ion:180 Resp: 155818

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 33.3 15.4 46.4



#94

Hexachlorobutadiene

Concen: 50.273 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

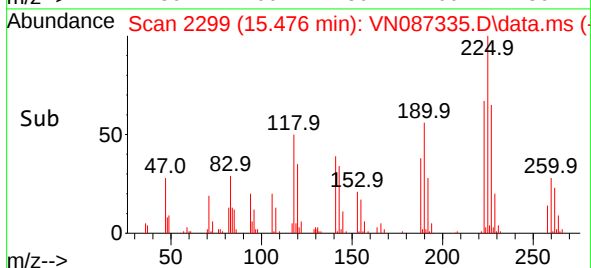
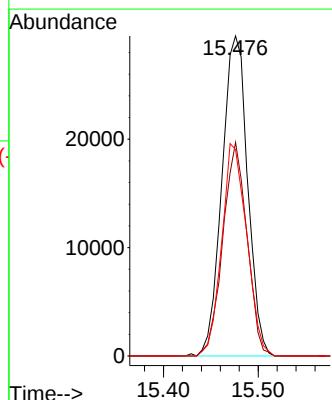
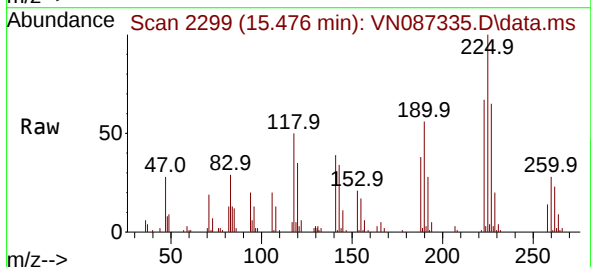
Tgt Ion:225 Resp: 55599

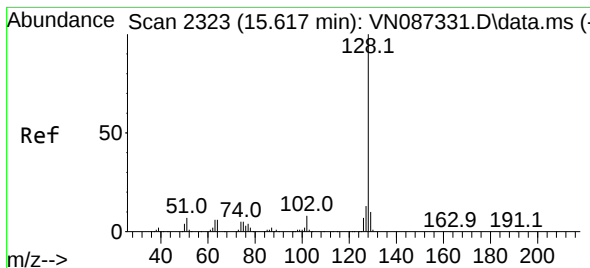
Ion Ratio Lower Upper

225 100

223 62.7 32.1 96.3

227 64.6 31.3 93.9





#95

Naphthalene

Concen: 55.585 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Instrument :

MSVOA_N

ClientSampleId :

ICVVN071625

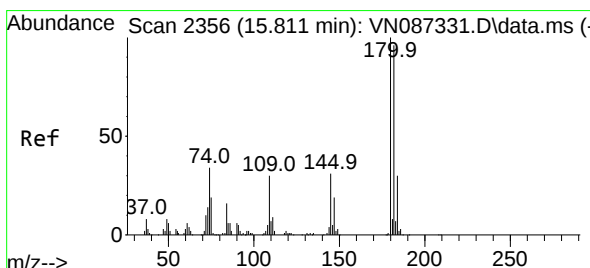
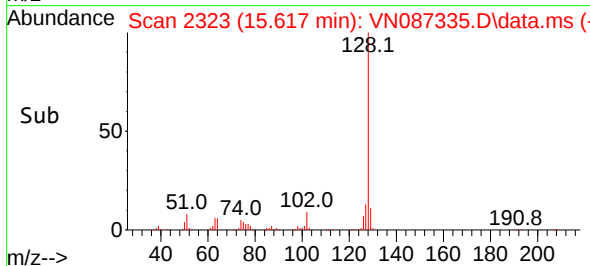
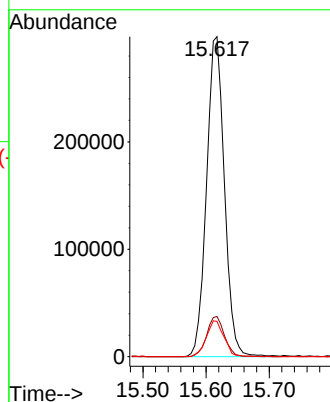
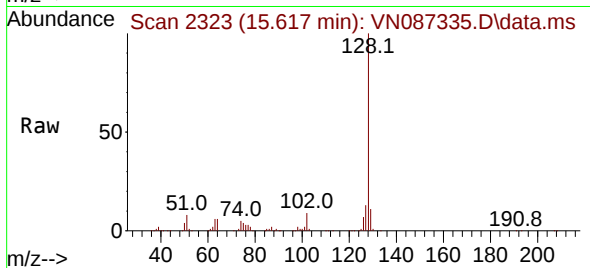
Tgt Ion:128 Resp: 586097

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 52.890 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN087335.D

Acq: 16 Jul 2025 19:59

Tgt Ion:180 Resp: 157909

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.4

145 34.2 16.9 50.6

