

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043025\
 Data File : VN086449.D
 Acq On : 30 Apr 2025 20:19
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 01 01:37:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	177881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	330999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144778	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125927	48.820	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.640%
35) Dibromofluoromethane	8.165	113	73914	48.115	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	10.565	98	409129	49.832	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.660%
62) 4-Bromofluorobenzene	12.847	95	149776	50.015	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	93171	44.185	ug/l	100
3) Chloromethane	2.360	50	128238	41.845	ug/l	98
4) Vinyl Chloride	2.512	62	128589	43.970	ug/l	99
5) Bromomethane	2.948	94	70229	53.388	ug/l	99
6) Chloroethane	3.112	64	88599	45.267	ug/l	97
7) Trichlorofluoromethane	3.495	101	148360	45.799	ug/l	96
8) Diethyl Ether	3.959	74	61444	43.448	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.365	101	87713	44.759	ug/l	98
10) Methyl Iodide	4.589	142	118371	54.942	ug/l	98
11) Tert butyl alcohol	5.518	59	104060	221.103	ug/l	100
12) 1,1-Dichloroethene	4.342	96	92963	44.403	ug/l	100
13) Acrolein	4.177	56	43810	196.392	ug/l	98
14) Allyl chloride	5.024	41	131761	35.402	ug/l	91
15) Acrylonitrile	5.718	53	262190	225.357	ug/l	100
16) Acetone	4.424	43	215624	241.588	ug/l	98
17) Carbon Disulfide	4.712	76	241927	38.592	ug/l	99
18) Methyl Acetate	5.024	43	119451	38.579	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	336395	43.710	ug/l	100
20) Methylene Chloride	5.271	84	109995	46.127	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	99854	45.619	ug/l	95
22) Diisopropyl ether	6.671	45	338778	41.843	ug/l	98
23) Vinyl Acetate	6.600	43	1202328	212.434	ug/l	96
24) 1,1-Dichloroethane	6.565	63	190944	44.698	ug/l	99
25) 2-Butanone	7.483	43	348093	216.804	ug/l	97
26) 2,2-Dichloropropane	7.489	77	123324	32.243	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	124938	45.988	ug/l	92
28) Bromochloromethane	7.812	49	79013	43.622	ug/l	91
29) Tetrahydrofuran	7.836	42	229088	213.373	ug/l	96
30) Chloroform	7.965	83	195239	46.525	ug/l	99
31) Cyclohexane	8.253	56	170570	40.804	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	169518	47.221	ug/l	97
36) 1,1-Dichloropropene	8.371	75	139738	45.542	ug/l	99
37) Ethyl Acetate	7.559	43	137364	42.523	ug/l	99
38) Carbon Tetrachloride	8.359	117	141099	48.288	ug/l	99
39) Methylcyclohexane	9.594	83	157072	43.068	ug/l	99
40) Benzene	8.600	78	450459	45.821	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	75555	40.356	ug/l	92
42) 1,2-Dichloroethane	8.671	62	148426	47.345	ug/l	100
43) Isopropyl Acetate	8.683	43	272546	46.970	ug/l	99
44) Trichloroethene	9.347	130	107598	46.178	ug/l	96
45) 1,2-Dichloropropane	9.618	63	108664	45.156	ug/l	99
46) Dibromomethane	9.706	93	75255	49.082	ug/l	96
47) Bromodichloromethane	9.888	83	157163	47.460	ug/l	96
48) Methyl methacrylate	9.677	41	120232	42.383	ug/l	94
49) 1,4-Dioxane	9.694	88	47498	984.354	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	758779	229.386	ug/l	99
52) Toluene	10.630	92	296427	48.324	ug/l	98
53) t-1,3-Dichloropropene	10.830	75	168783	45.660	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	173738	42.791	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	105830	47.952	ug/l	97
56) Ethyl methacrylate	10.871	69	187400	46.194	ug/l	97
57) 1,3-Dichloropropane	11.159	76	189006	48.268	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	414072	215.047	ug/l	97
59) 2-Hexanone	11.194	43	570028	232.328	ug/l	99
60) Dibromochloromethane	11.353	129	120037	49.530	ug/l	100
61) 1,2-Dibromoethane	11.465	107	111860	50.231	ug/l	100
64) Tetrachloroethene	11.100	164	100505	42.162	ug/l	98
65) Chlorobenzene	11.888	112	317597	45.922	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	107332	47.043	ug/l	99
67) Ethyl Benzene	11.959	91	573659	45.966	ug/l	99
68) m/p-Xylenes	12.071	106	441570	94.428	ug/l	99
69) o-Xylene	12.394	106	217737	47.083	ug/l	99
70) Styrene	12.406	104	371865	48.260	ug/l	99
71) Bromoform	12.576	173	83730	48.743	ug/l #	98
73) Isopropylbenzene	12.694	105	542966	45.846	ug/l	100
74) N-amyl acetate	12.488	43	245237	41.595	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	163619	48.049	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	219712	64.308	ug/l	56
77) Bromobenzene	12.976	156	127393	48.547	ug/l	93
78) n-propylbenzene	13.035	91	631465	45.248	ug/l	99
79) 2-Chlorotoluene	13.124	91	395077	45.241	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	443856	45.790	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	57769	40.608	ug/l	97
82) 4-Chlorotoluene	13.218	91	393518	45.364	ug/l	99
83) tert-Butylbenzene	13.435	119	374336	44.569	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	447705	45.375	ug/l	99
85) sec-Butylbenzene	13.612	105	521025	44.723	ug/l	99
86) p-Isopropyltoluene	13.723	119	432307	45.020	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	232066	47.044	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	230154	46.322	ug/l	98
89) n-Butylbenzene	14.053	91	359671	42.257	ug/l	99
90) Hexachloroethane	14.329	117	75129	46.514	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	221784	46.373	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	30251	44.058	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	97785	42.698	ug/l	100
94) Hexachlorobutadiene	15.500	225	34374	39.762	ug/l	100
95) Naphthalene	15.635	128	351506	43.299	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	95125	43.873	ug/l	99

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Sample : VSTDCCC050
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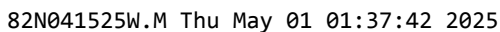
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

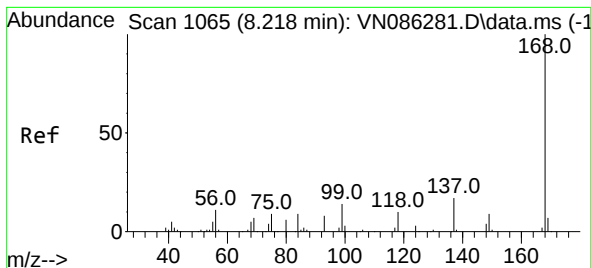
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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

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

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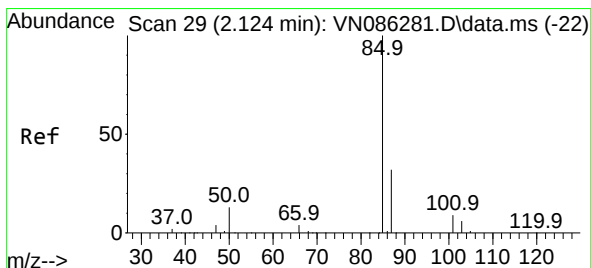
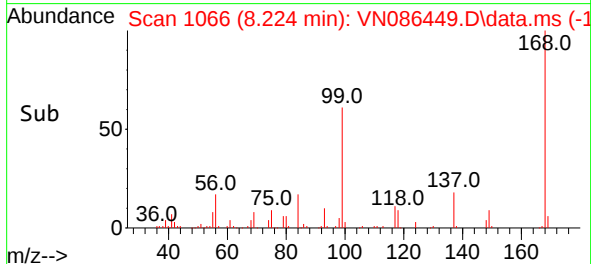
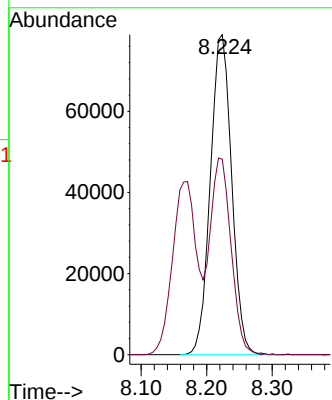
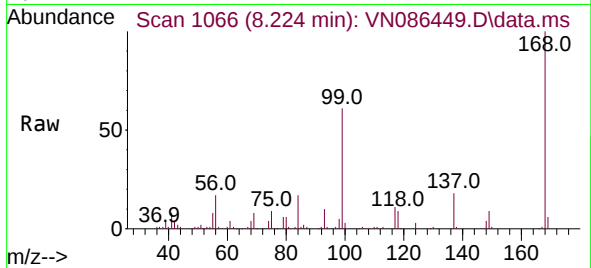




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN086449.D
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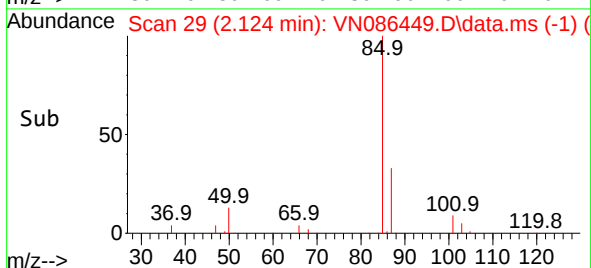
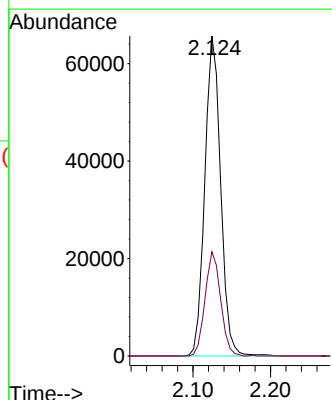
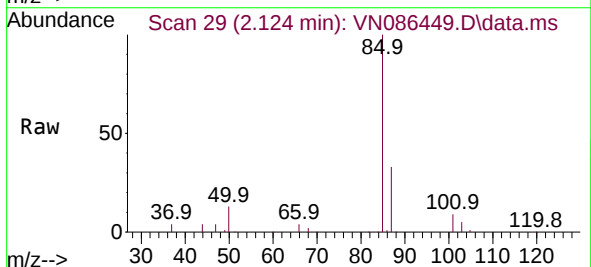
Instrument :
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VSTDCCC050EC

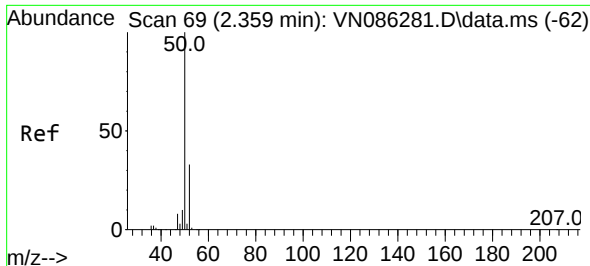
Tgt Ion:168 Resp: 177881
Ion Ratio Lower Upper
168 100
99 61.1 52.5 78.7



#2
Dichlorodifluoromethane
Concen: 44.185 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 85 Resp: 93171
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.8

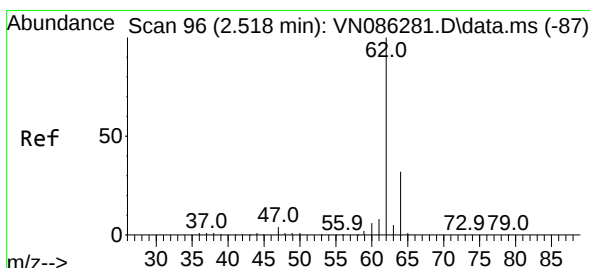
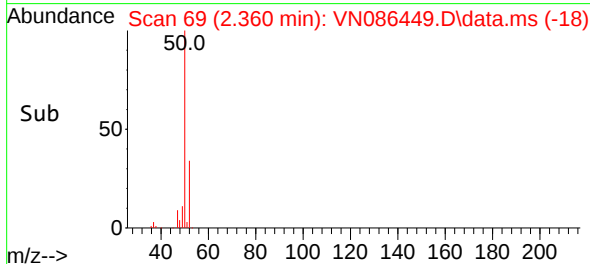
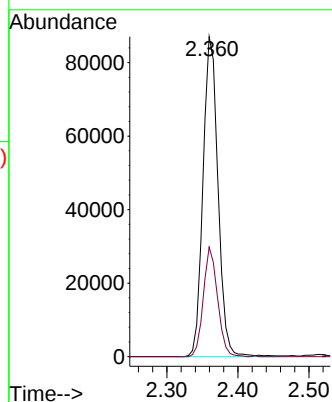
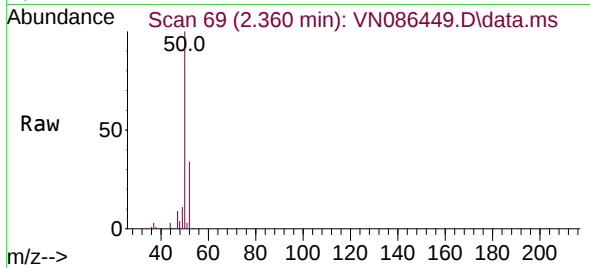




#3
Chloromethane
Concen: 41.845 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

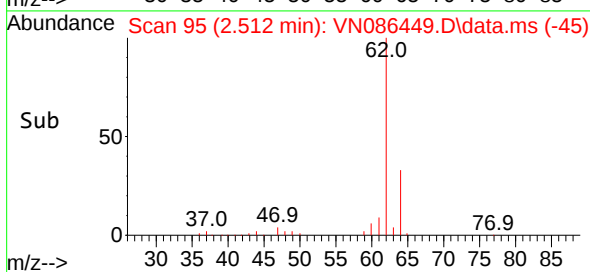
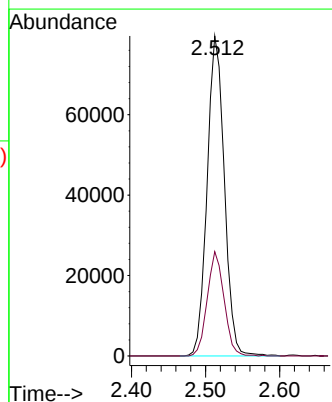
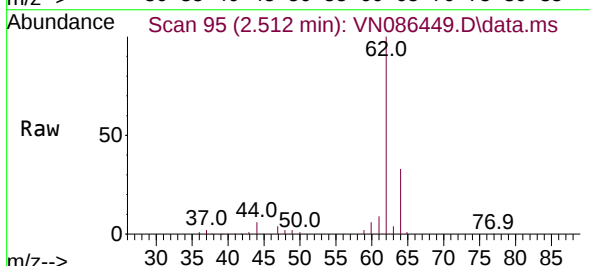
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

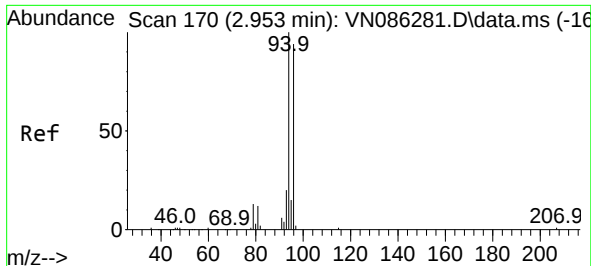
Tgt Ion: 50 Resp: 128238
Ion Ratio Lower Upper
50 100
52 34.3 26.5 39.7



#4
Vinyl Chloride
Concen: 43.970 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 62 Resp: 128589
Ion Ratio Lower Upper
62 100
64 32.6 25.6 38.4

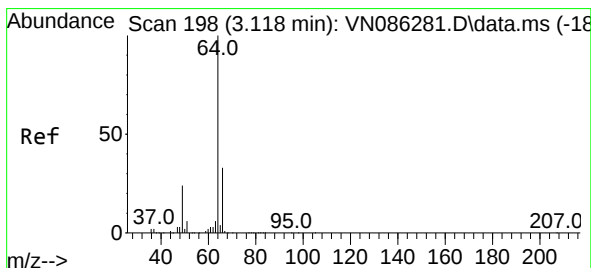
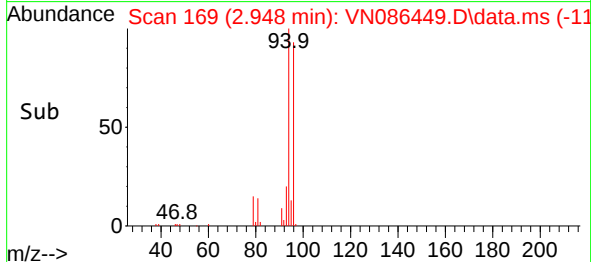
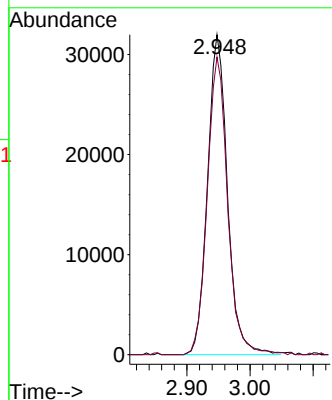
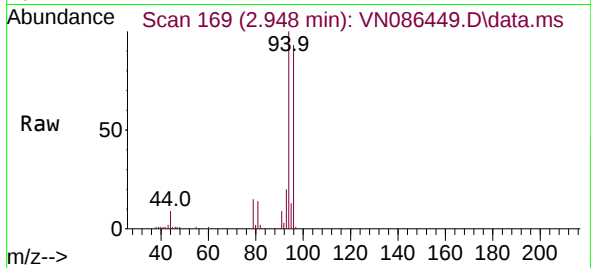




#5
Bromomethane
Concen: 53.388 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

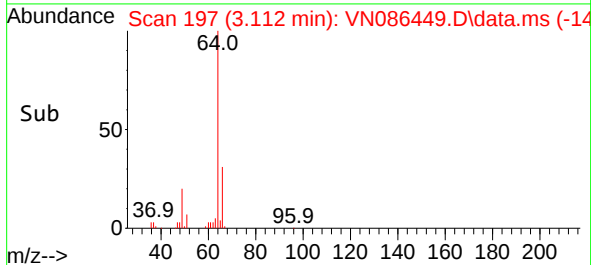
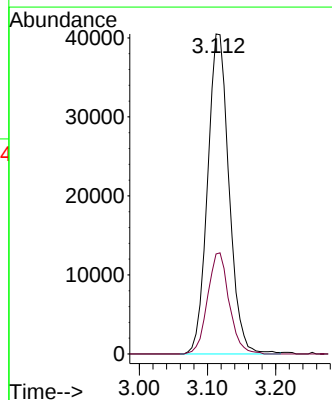
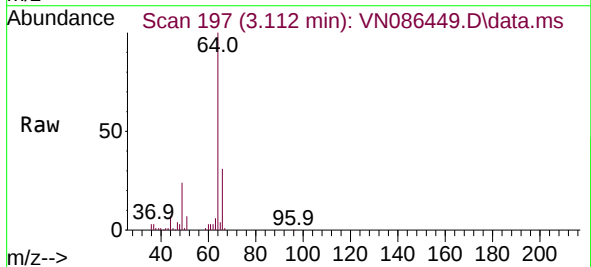
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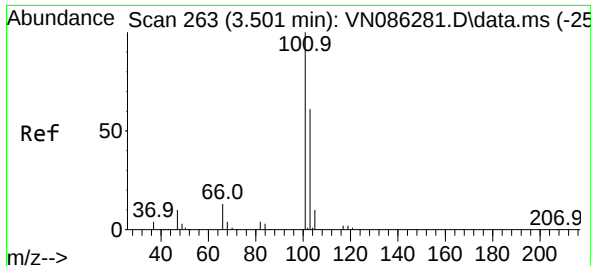
Tgt Ion: 94 Resp: 70229
Ion Ratio Lower Upper
94 100
96 93.0 75.2 112.8



#6
Chloroethane
Concen: 45.267 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 64 Resp: 88599
Ion Ratio Lower Upper
64 100
66 31.2 26.2 39.2

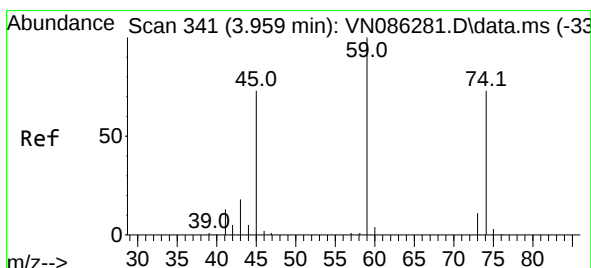
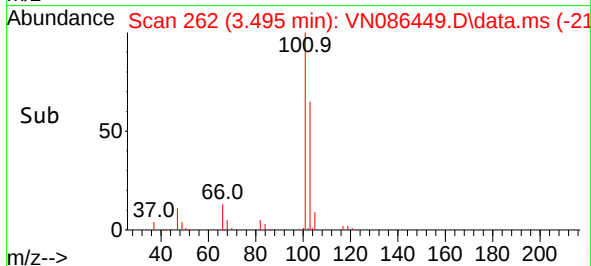
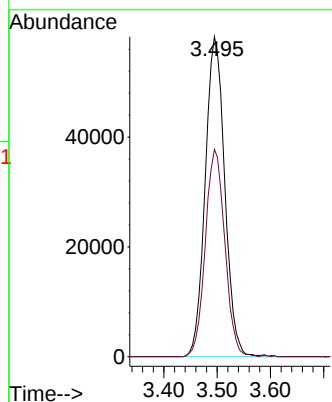
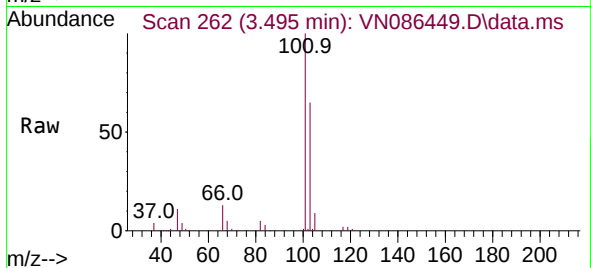




#7
Trichlorofluoromethane
Concen: 45.799 ug/l
RT: 3.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

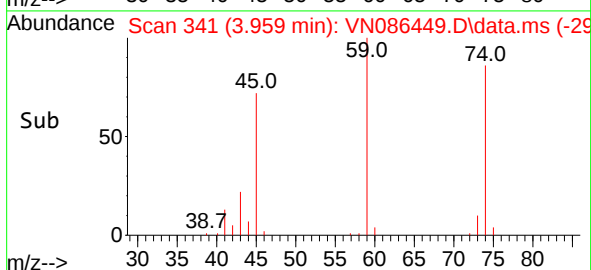
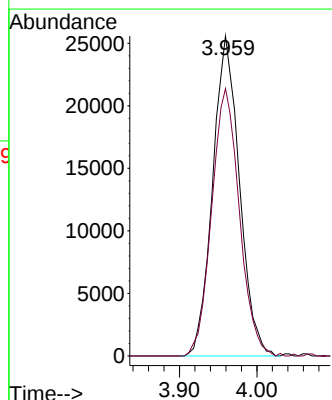
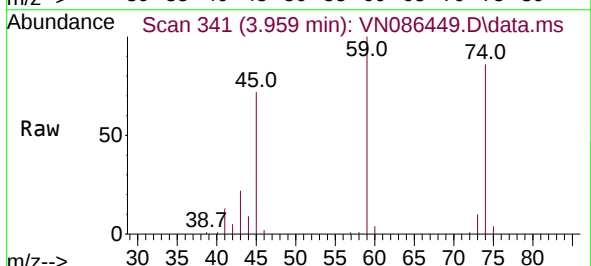
Instrument :
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VSTDCCC050EC

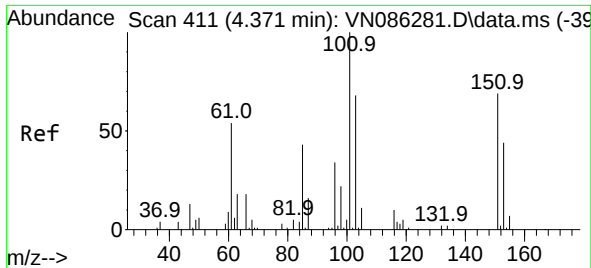
Tgt Ion:101 Resp: 148360
Ion Ratio Lower Upper
101 100
103 64.8 49.2 73.8



#8
Diethyl Ether
Concen: 43.448 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 74 Resp: 61444
Ion Ratio Lower Upper
74 100
45 86.5 48.0 144.2

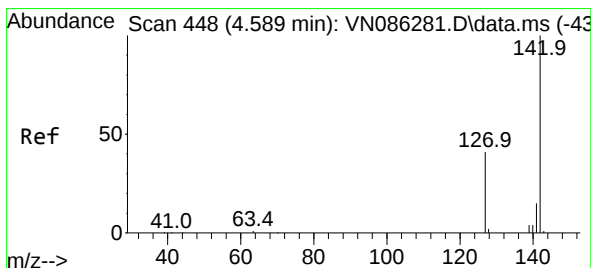
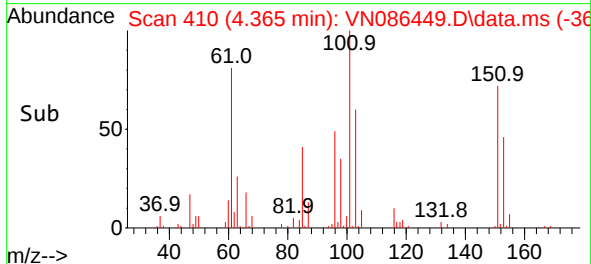
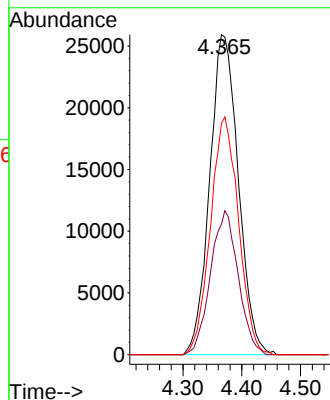
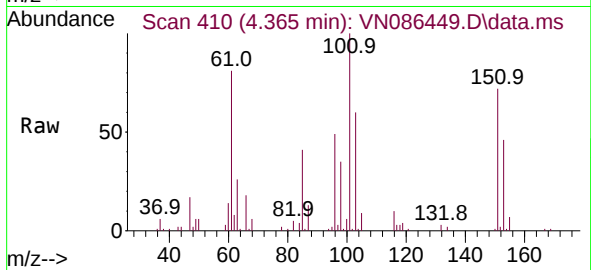




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.759 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

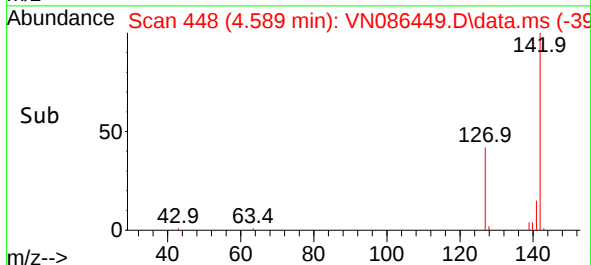
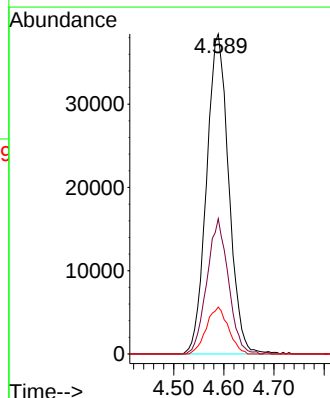
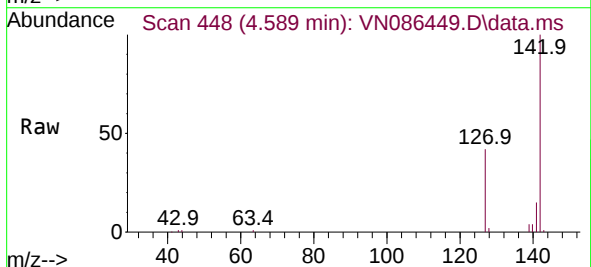
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

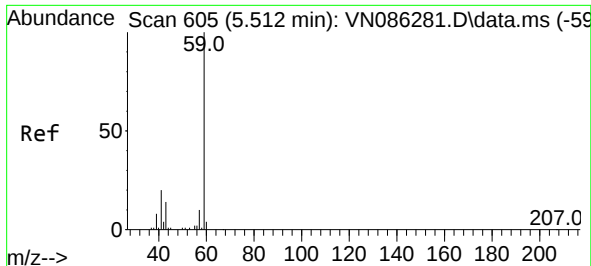
Tgt Ion:101 Resp: 87713
Ion Ratio Lower Upper
101 100
85 43.4 34.7 52.1
151 72.8 56.1 84.1



#10
Methyl Iodide
Concen: 54.942 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion:142 Resp: 118371
Ion Ratio Lower Upper
142 100
127 42.3 32.7 49.1
141 14.7 11.7 17.5

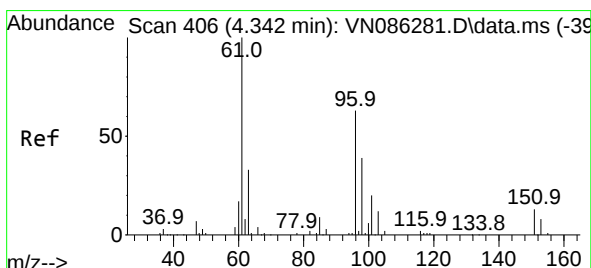
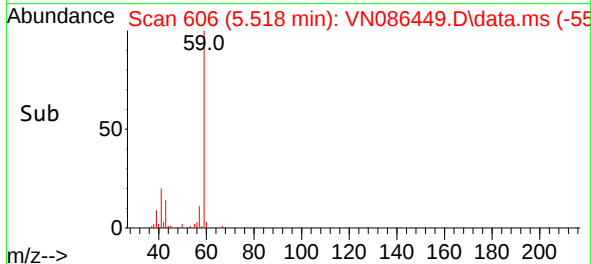
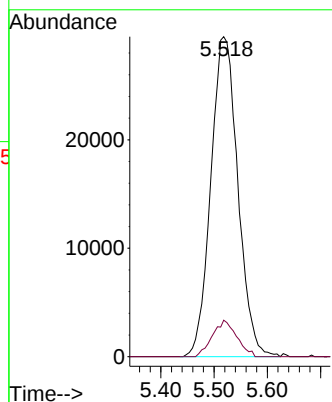
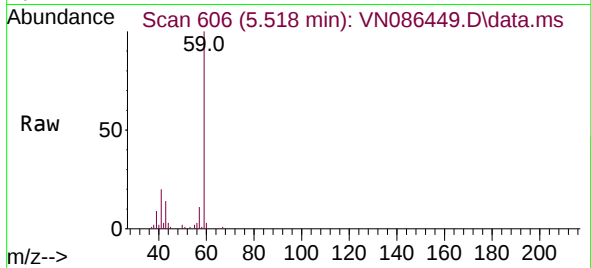




#11
Tert butyl alcohol
Concen: 221.103 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

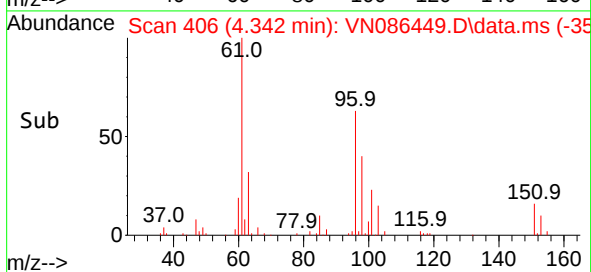
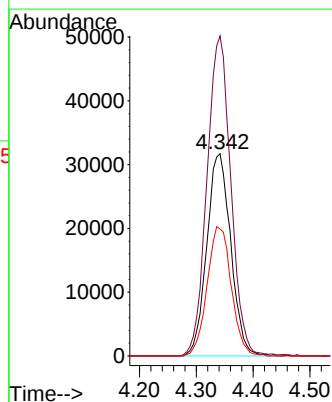
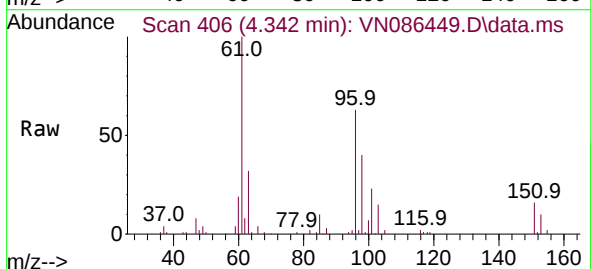
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

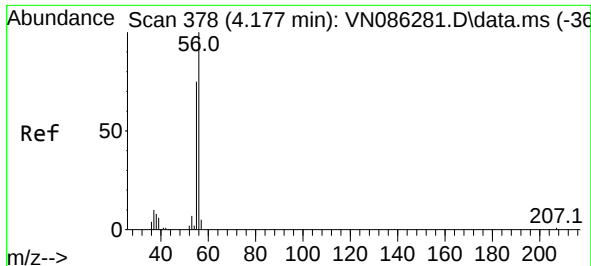
Tgt Ion: 59 Resp: 104060
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5



#12
1,1-Dichloroethene
Concen: 44.403 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 96 Resp: 92963
Ion Ratio Lower Upper
96 100
61 158.2 126.6 189.8
98 62.9 49.6 74.4

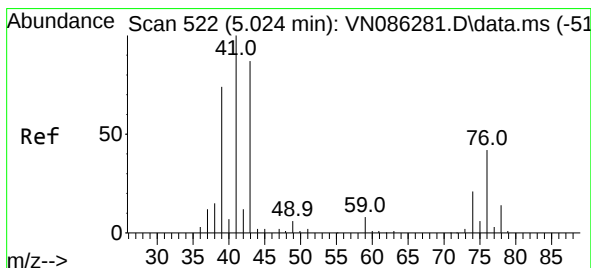
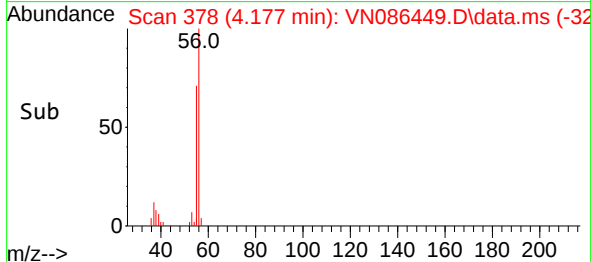
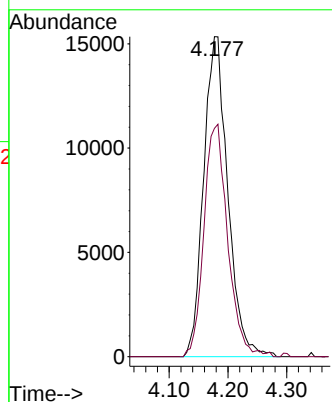
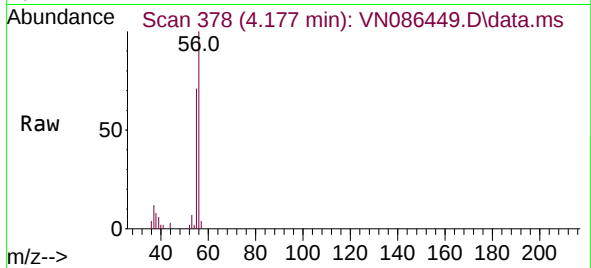




#13
Acrolein
Concen: 196.392 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

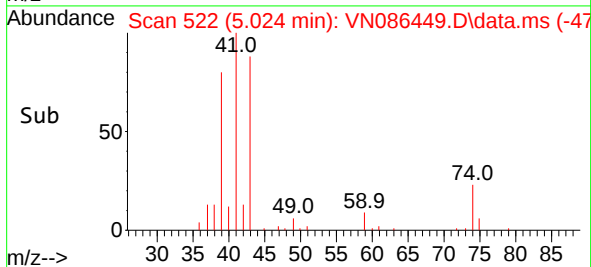
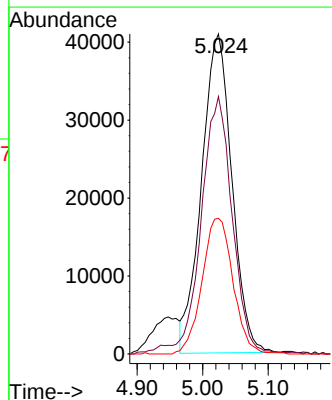
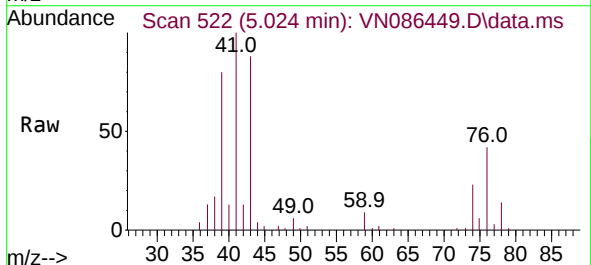
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

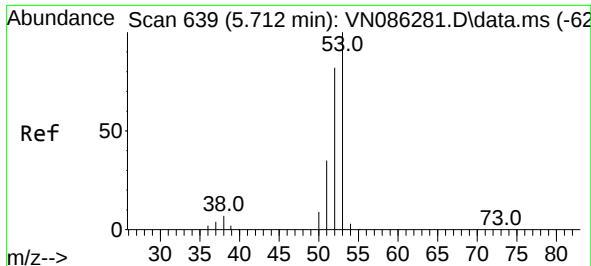
Tgt Ion: 56 Resp: 43810
Ion Ratio Lower Upper
56 100
55 71.4 58.5 87.7



#14
Allyl chloride
Concen: 35.402 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 41 Resp: 131761
Ion Ratio Lower Upper
41 100
39 83.0 59.2 88.8
76 43.4 31.2 46.8

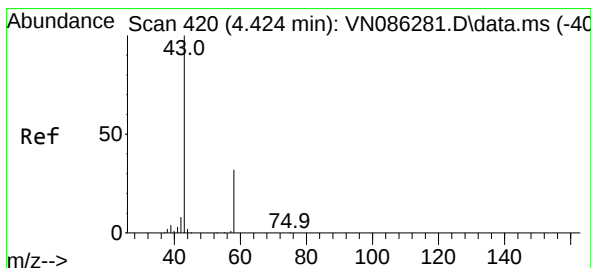
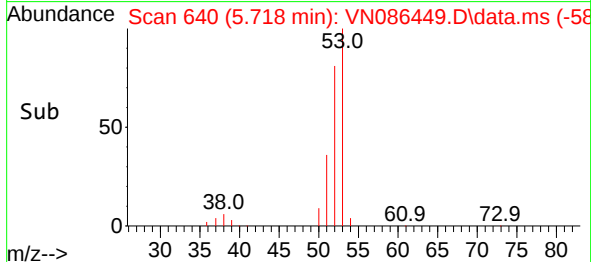
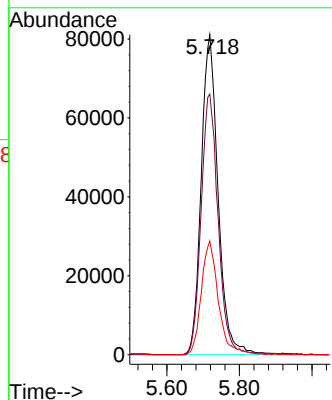
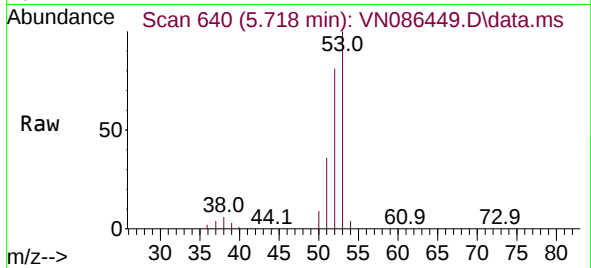




#15
Acrylonitrile
Concen: 225.357 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

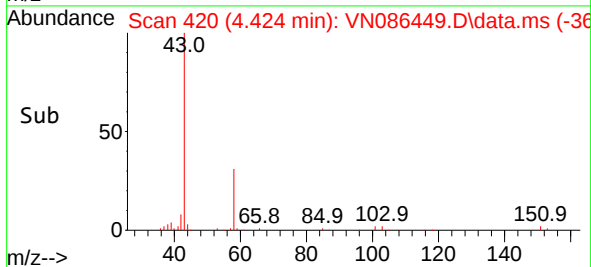
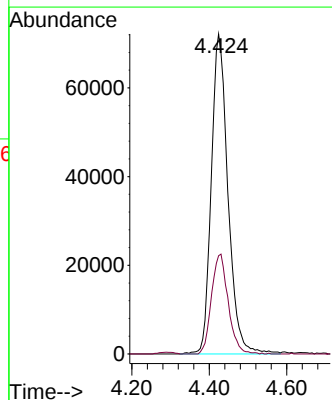
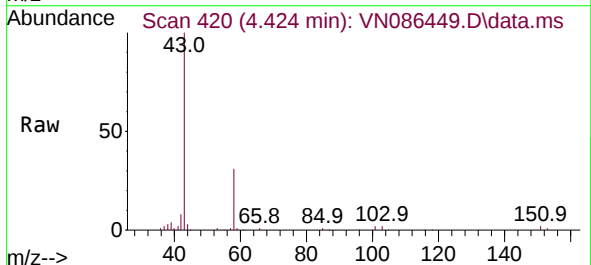
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

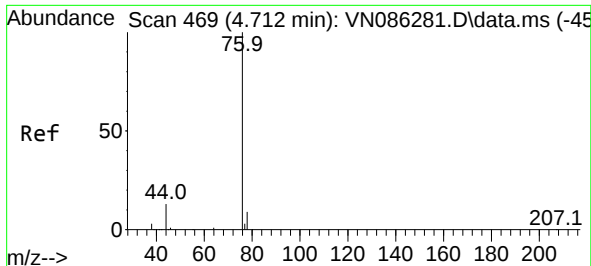
Tgt Ion: 53 Resp: 262190
Ion Ratio Lower Upper
53 100
52 81.7 65.5 98.3
51 35.9 28.6 42.8



#16
Acetone
Concen: 241.588 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 43 Resp: 215624
Ion Ratio Lower Upper
43 100
58 30.7 25.3 37.9

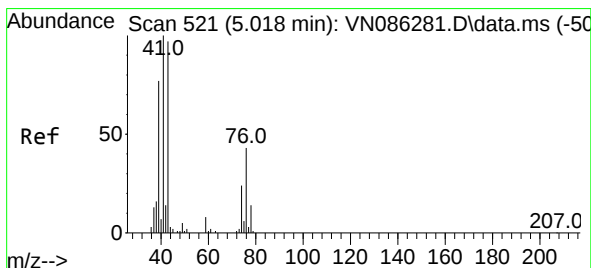
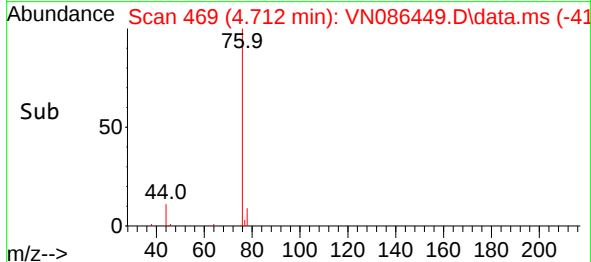
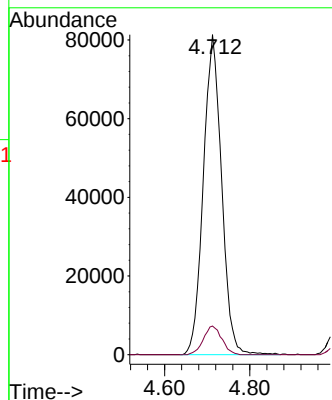
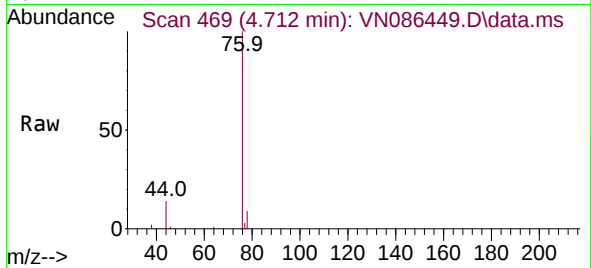




#17
Carbon Disulfide
Concen: 38.592 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

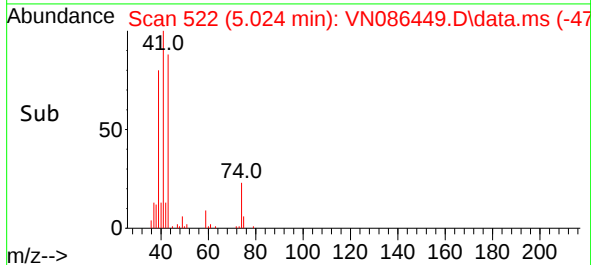
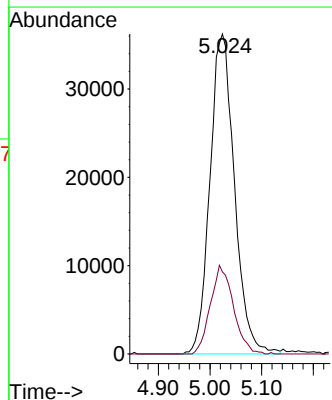
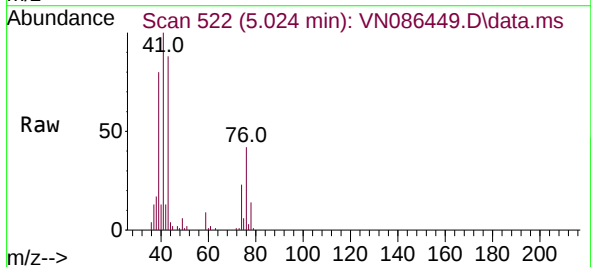
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

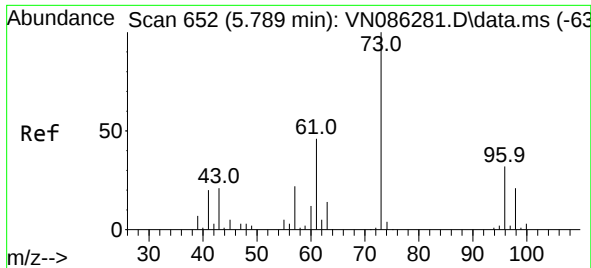
Tgt Ion: 76 Resp: 241927
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 38.579 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 43 Resp: 119451
Ion Ratio Lower Upper
43 100
74 25.9 19.8 29.6

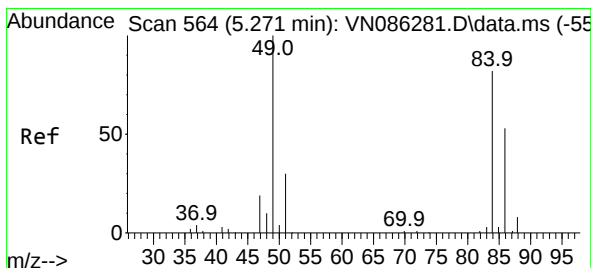
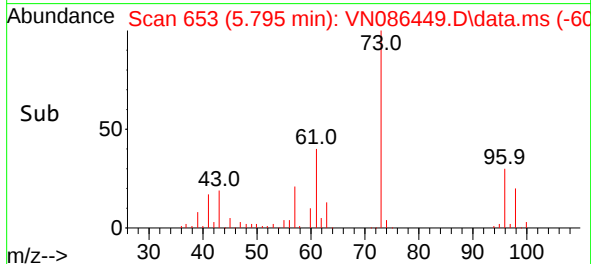
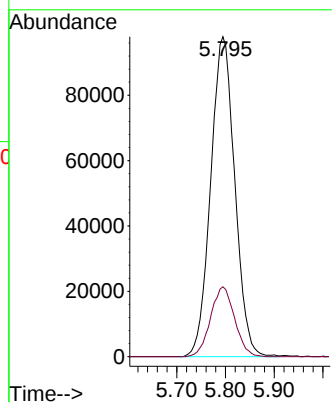
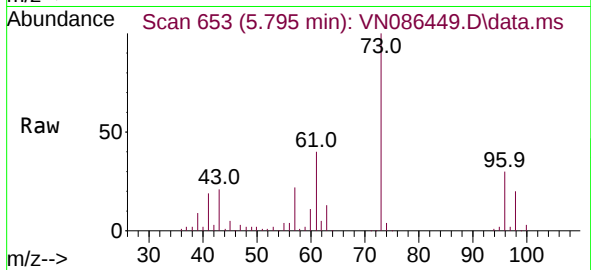




#19
Methyl tert-butyl Ether
Concen: 43.710 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

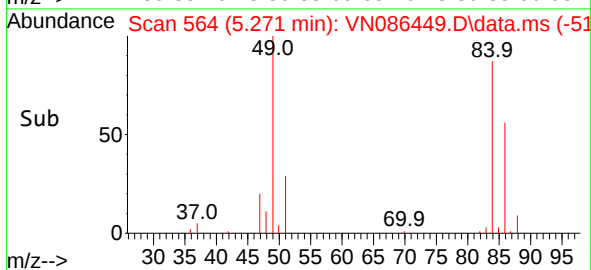
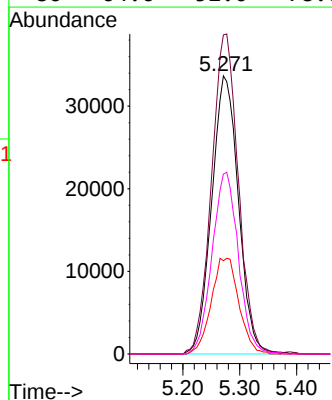
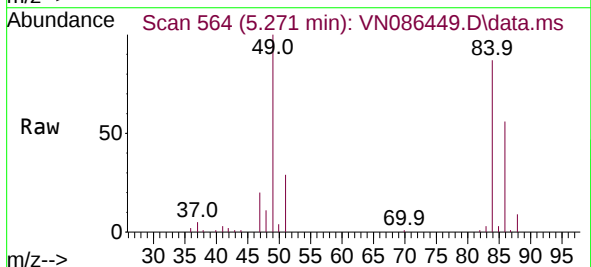
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

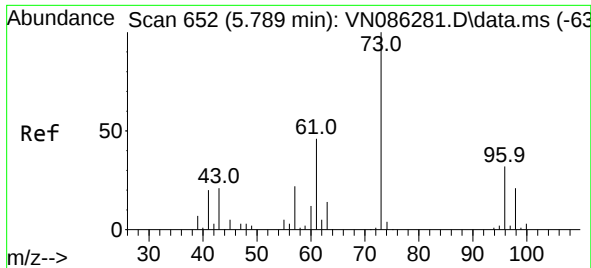
Tgt Ion: 73 Resp: 336395
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4



#20
Methylene Chloride
Concen: 46.127 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 84 Resp: 109995
Ion Ratio Lower Upper
84 100
49 114.7 98.2 147.2
51 33.5 29.8 44.6
86 64.6 52.0 78.0

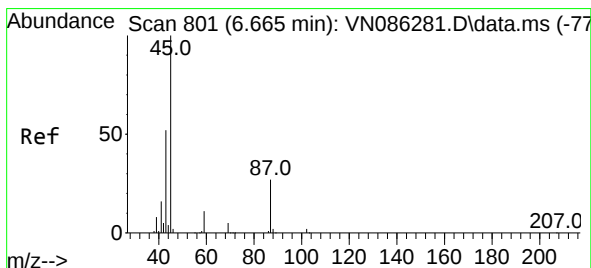
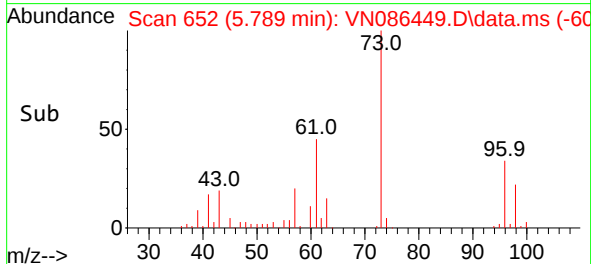
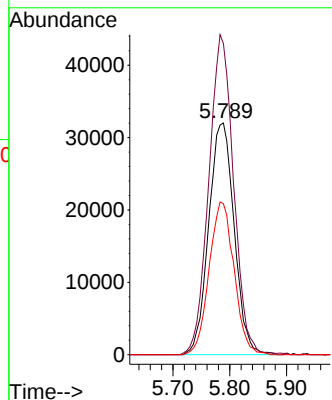
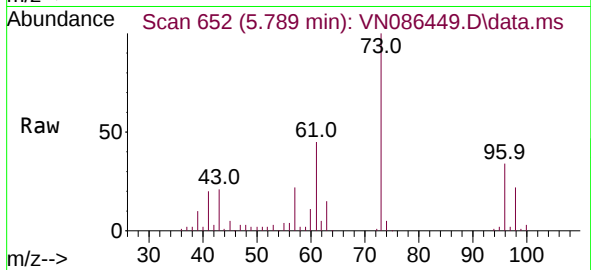




#21
trans-1,2-Dichloroethene
Concen: 45.619 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

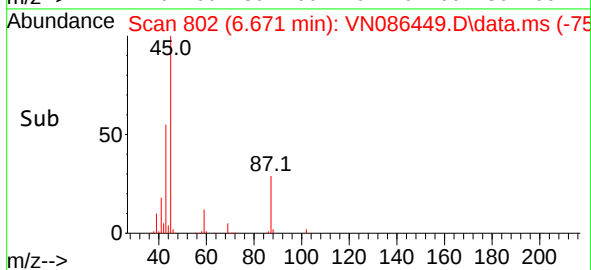
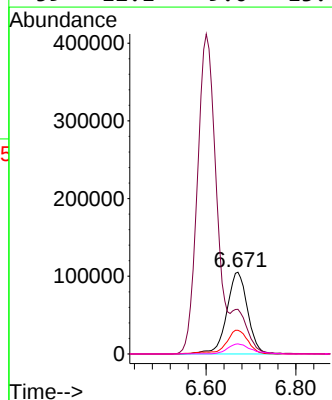
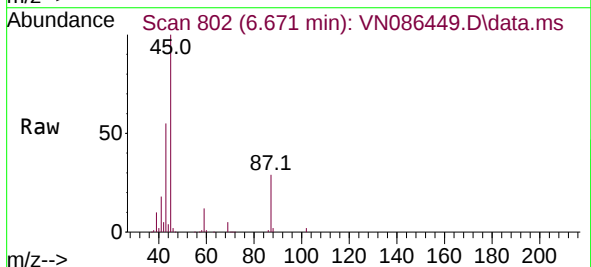
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

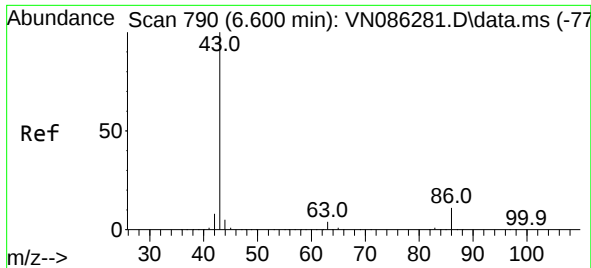
Tgt Ion: 96 Resp: 99854
Ion Ratio Lower Upper
96 100
61 134.3 114.6 171.8
98 65.2 51.2 76.8



#22
Diisopropyl ether
Concen: 41.843 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 45 Resp: 338778
Ion Ratio Lower Upper
45 100
43 53.5 41.8 62.8
87 28.8 21.6 32.4
59 12.1 9.0 13.4

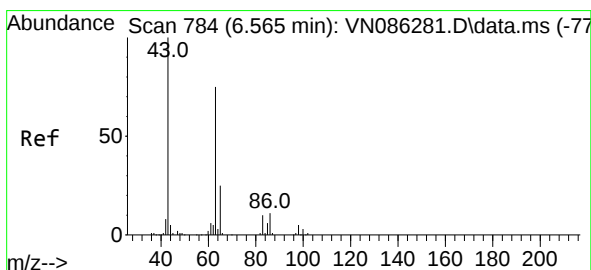
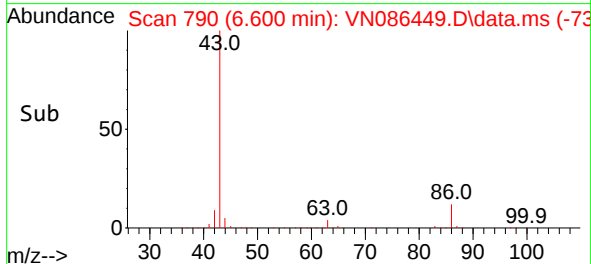
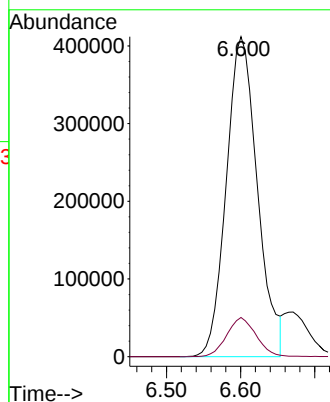
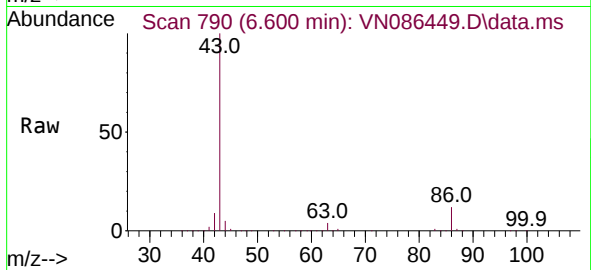




#23
 Vinyl Acetate
 Concen: 212.434 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086449.D
 Acq: 30 Apr 2025 20:19

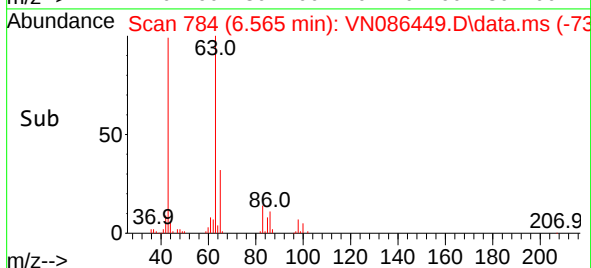
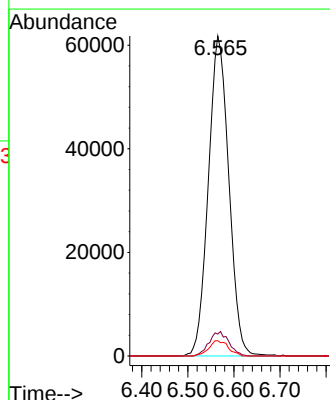
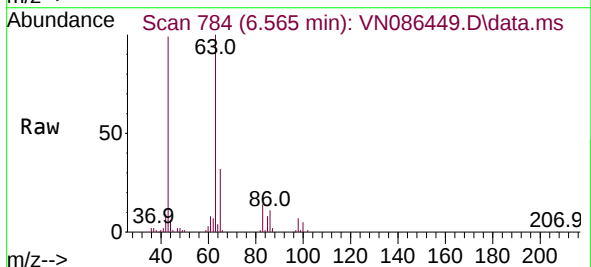
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

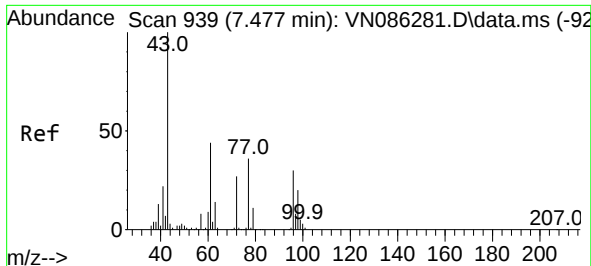
Tgt Ion: 43 Resp: 1202328
 Ion Ratio Lower Upper
 43 100
 86 12.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 44.698 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086449.D
 Acq: 30 Apr 2025 20:19

Tgt Ion: 63 Resp: 190944
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.8 2.1 6.5

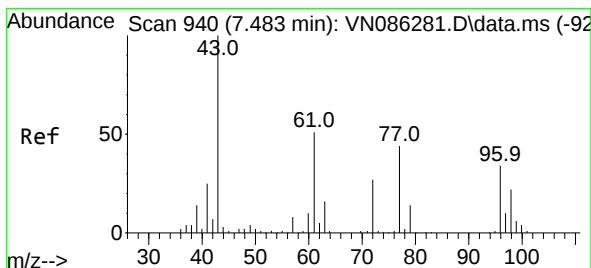
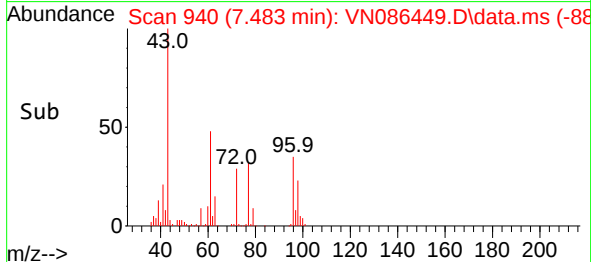
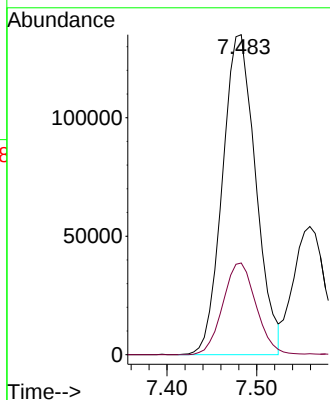
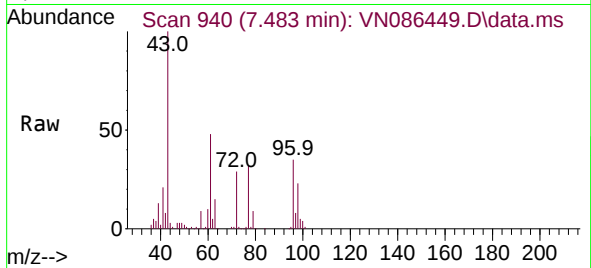




#25
2-Butanone
Concen: 216.804 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

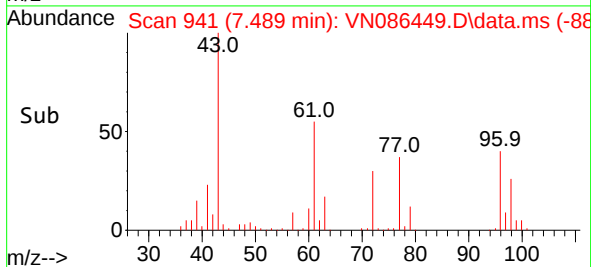
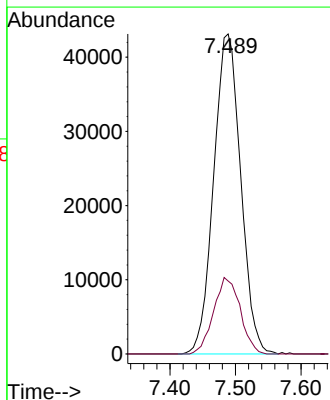
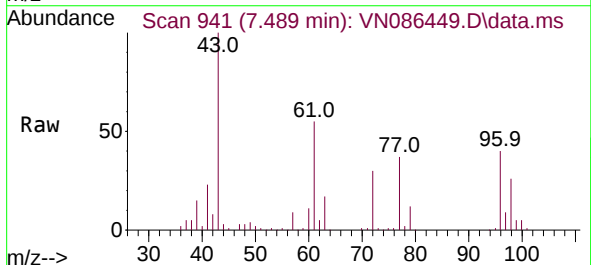
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

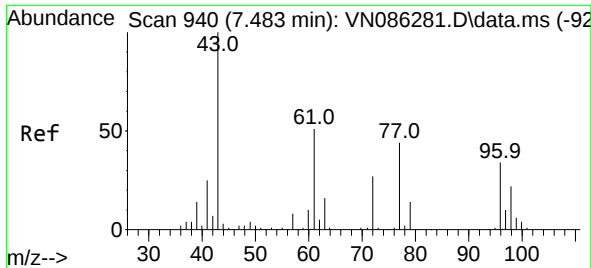
Tgt Ion: 43 Resp: 348093
Ion Ratio Lower Upper
43 100
72 28.6 21.7 32.5



#26
2,2-Dichloropropane
Concen: 32.243 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 77 Resp: 123324
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.5

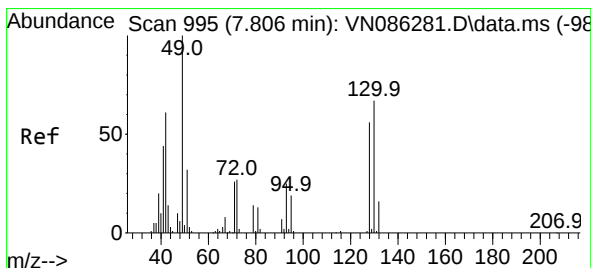
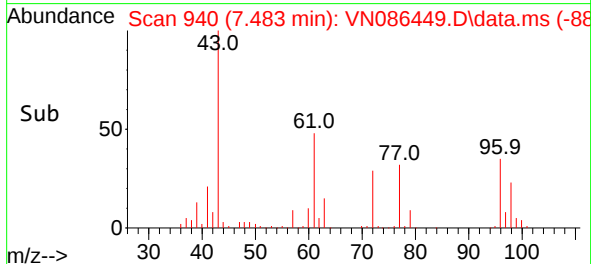
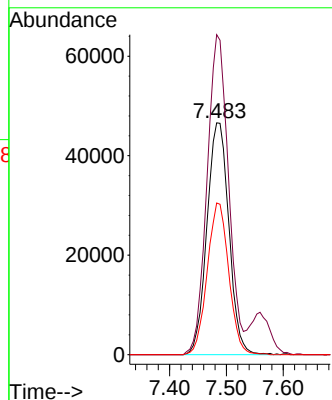
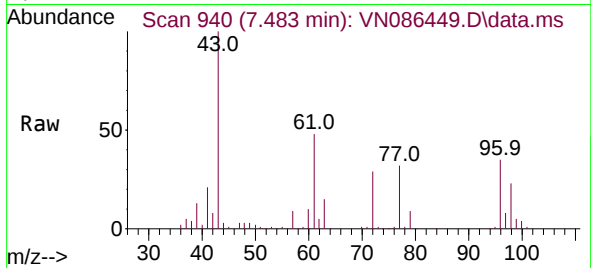




#27
 cis-1,2-Dichloroethene
 Concen: 45.988 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086449.D
 Acq: 30 Apr 2025 20:19

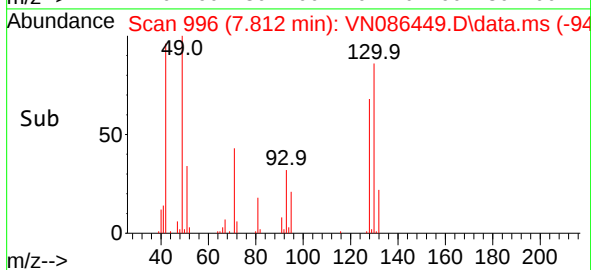
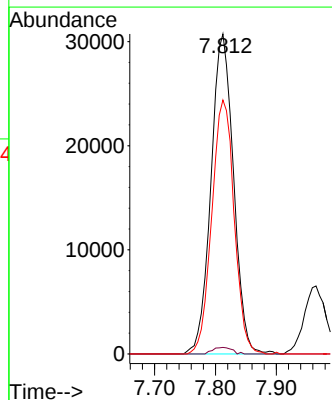
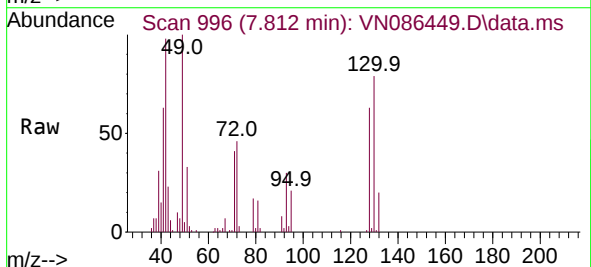
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

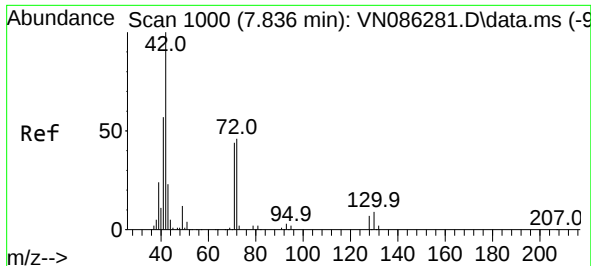
Tgt Ion: 96 Resp: 124938
 Ion Ratio Lower Upper
 96 100
 61 134.9 0.0 299.0
 98 64.3 0.0 129.6



#28
 Bromochloromethane
 Concen: 43.622 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086449.D
 Acq: 30 Apr 2025 20:19

Tgt Ion: 49 Resp: 79013
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 78.6 57.1 85.7





#29

Tetrahydrofuran

Concen: 213.373 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

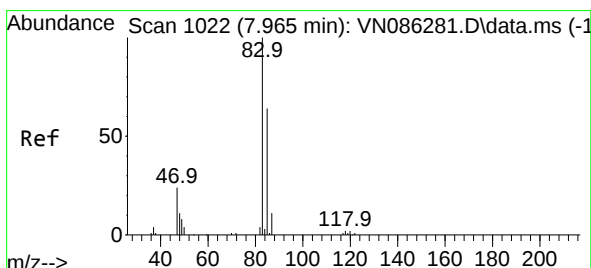
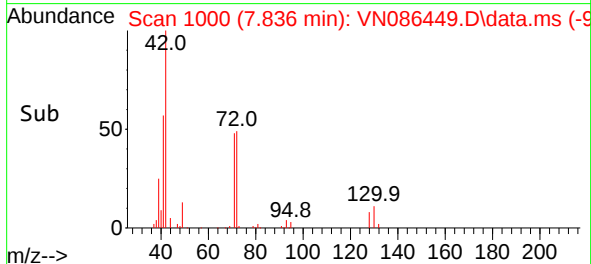
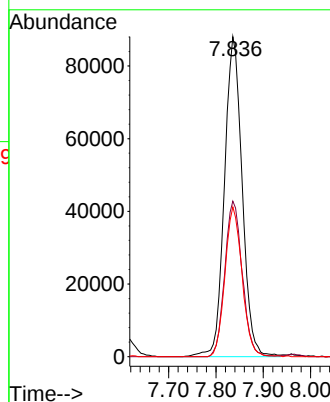
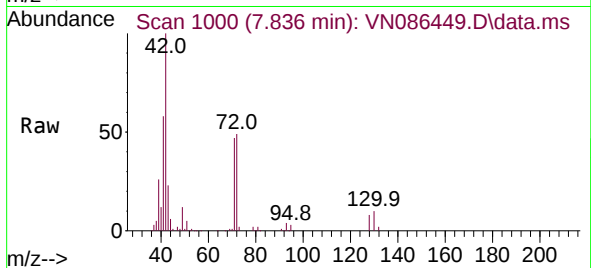
Tgt Ion: 42 Resp: 229088

Ion Ratio Lower Upper

42 100

72 47.9 36.2 54.4

71 45.3 34.0 51.0



#30

Chloroform

Concen: 46.525 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086449.D

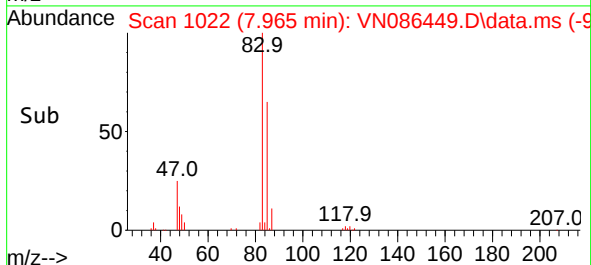
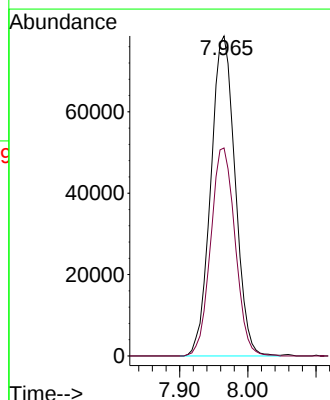
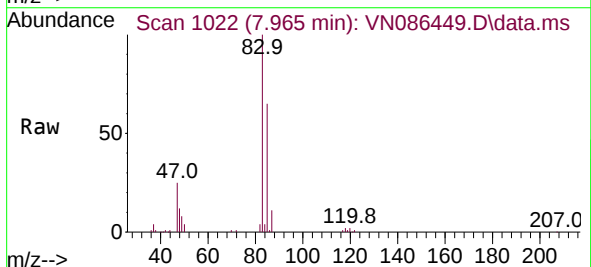
Acq: 30 Apr 2025 20:19

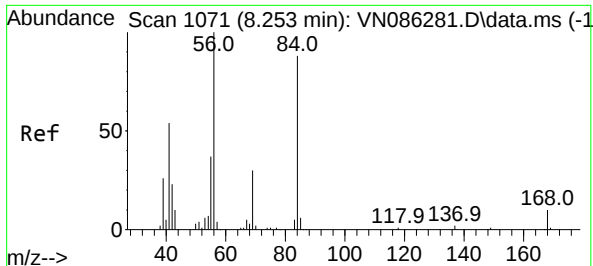
Tgt Ion: 83 Resp: 195239

Ion Ratio Lower Upper

83 100

85 65.0 51.5 77.3

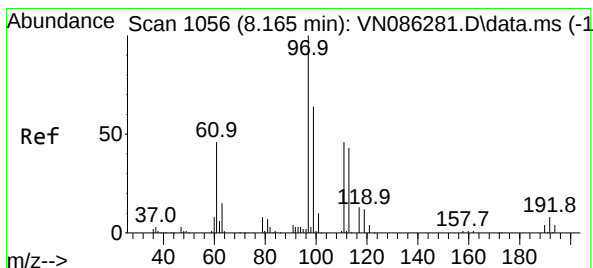
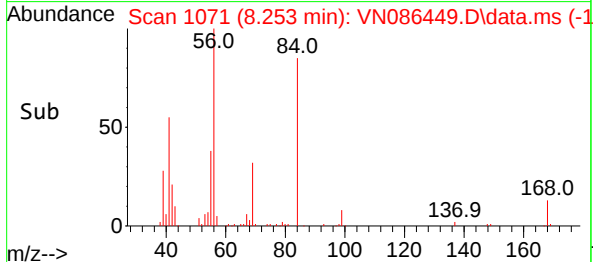
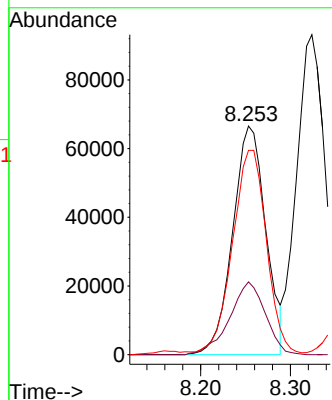
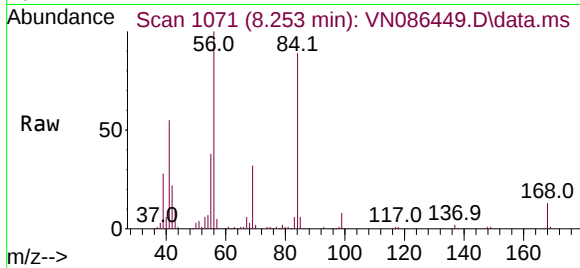




#31
Cyclohexane
Concen: 40.804 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

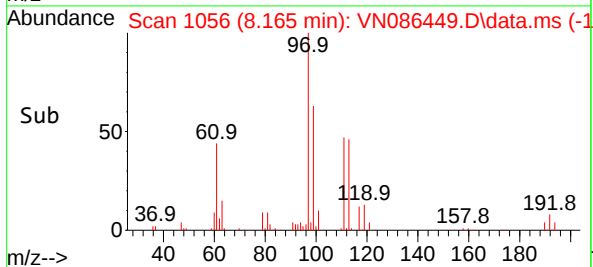
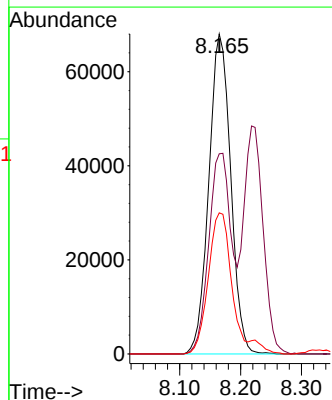
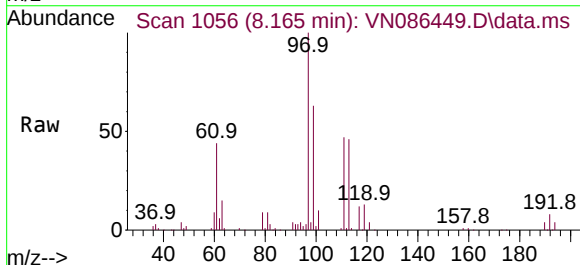
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

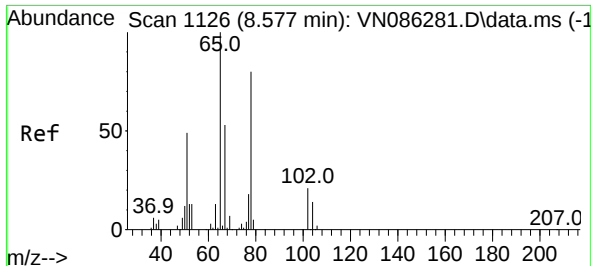
Tgt Ion: 56 Resp: 170570
Ion Ratio Lower Upper
56 100
69 31.9 24.2 36.2
84 88.4 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 47.221 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 97 Resp: 169518
Ion Ratio Lower Upper
97 100
99 65.2 52.7 79.1
61 46.2 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 48.820 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

Instrument :

MSVOA_N

ClientSampleId :

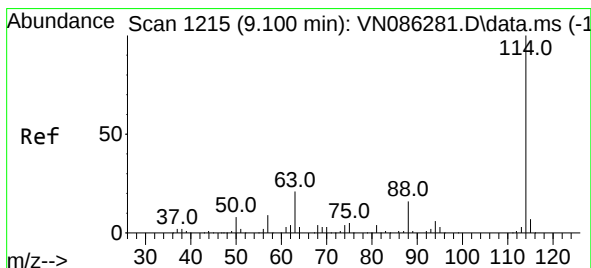
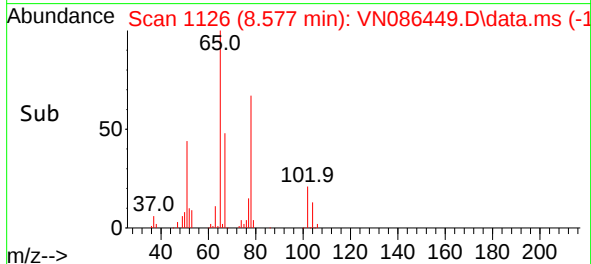
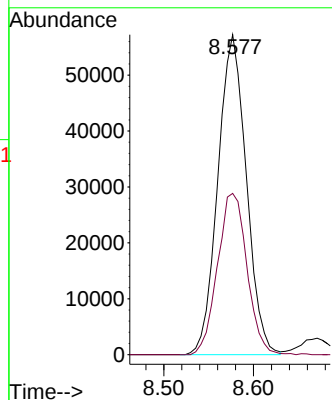
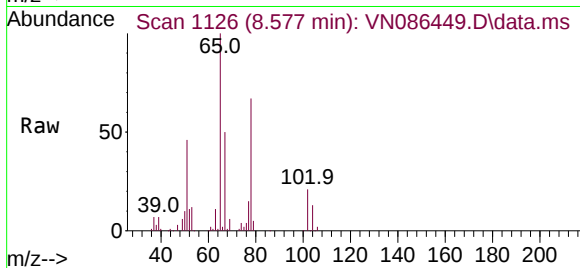
VSTDCCC050EC

Tgt Ion: 65 Resp: 125927

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

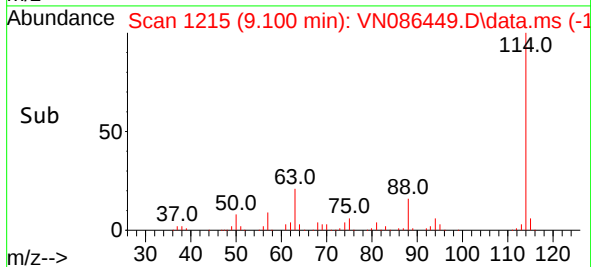
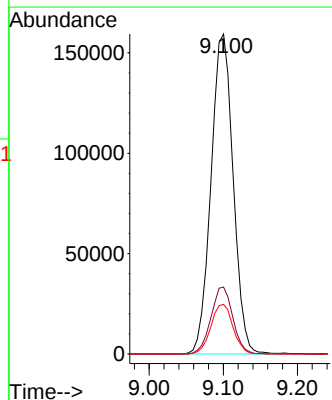
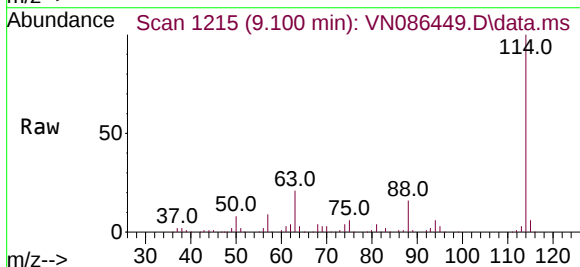
Tgt Ion: 114 Resp: 330999

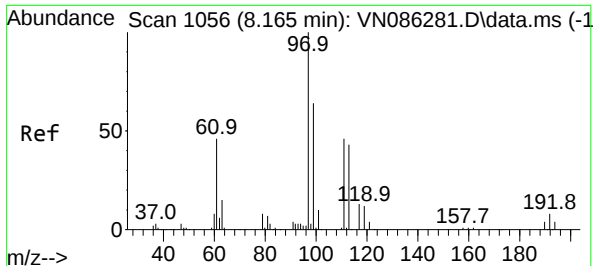
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.115 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

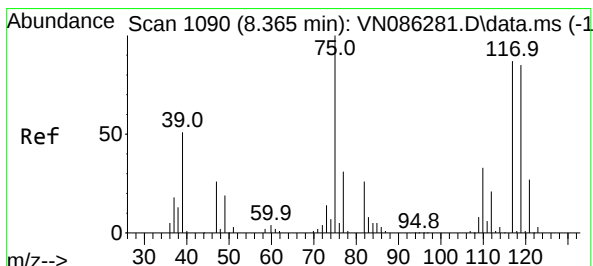
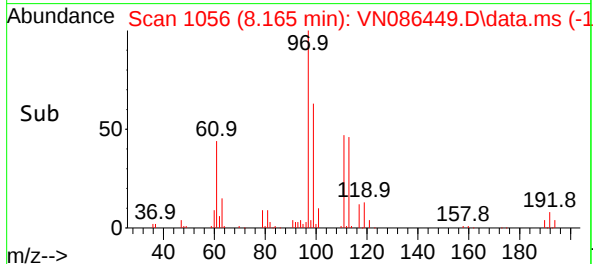
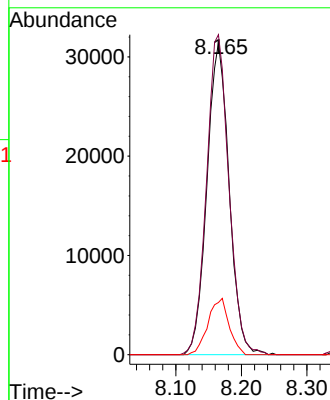
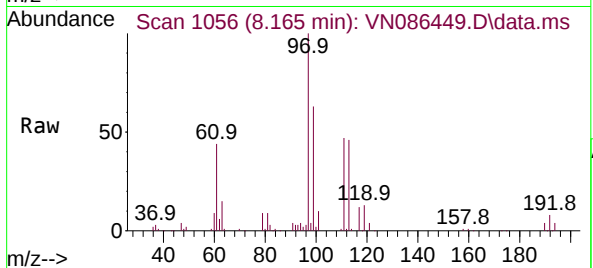
Tgt Ion:113 Resp: 73914

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.0

192 17.1 13.7 20.5



#36

1,1-Dichloropropene

Concen: 45.542 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

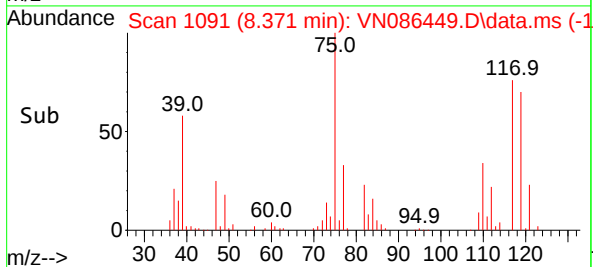
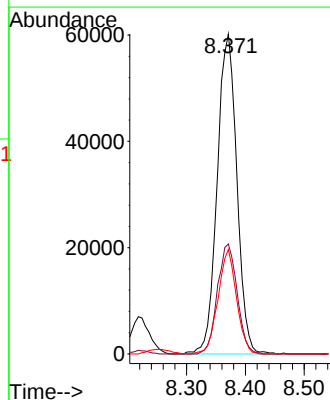
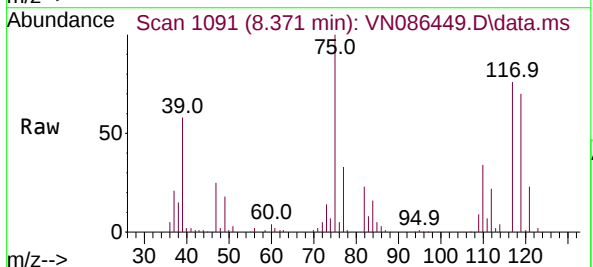
Tgt Ion: 75 Resp: 139738

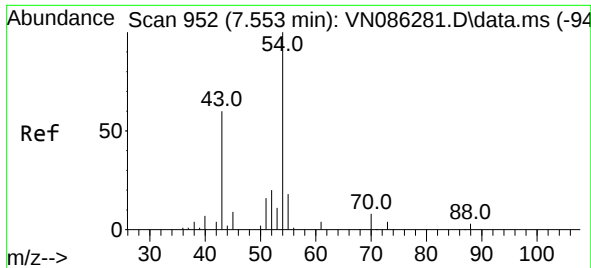
Ion Ratio Lower Upper

75 100

110 34.5 16.8 50.4

77 30.8 24.9 37.3

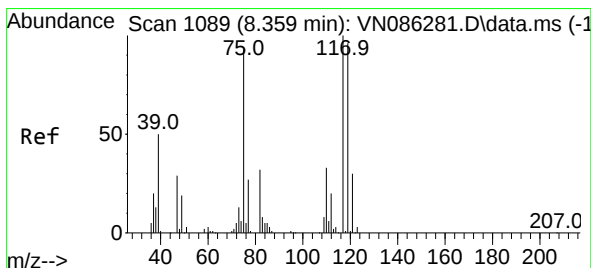
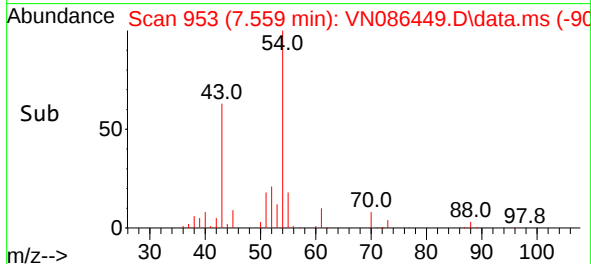
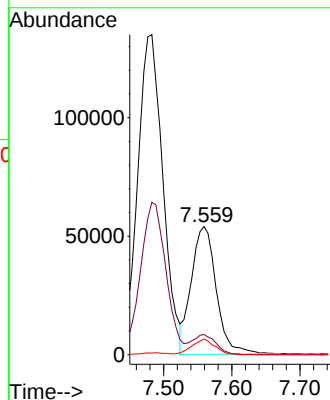
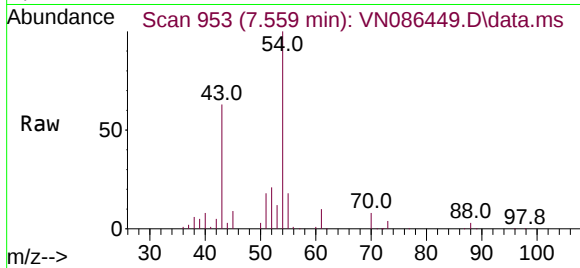




#37
Ethyl Acetate
Concen: 42.523 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

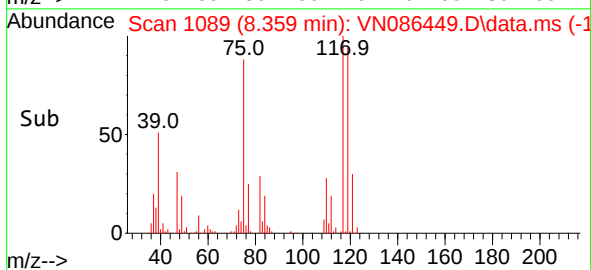
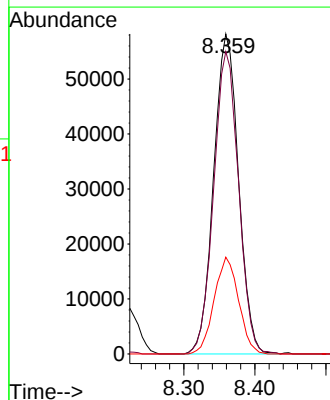
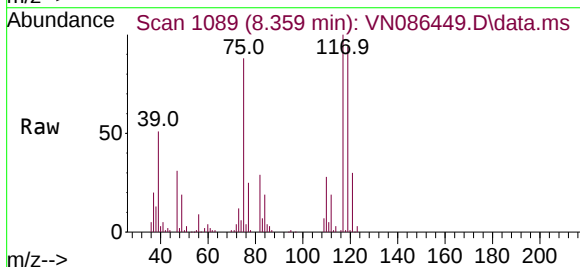
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

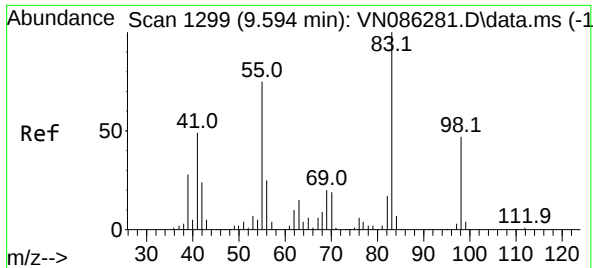
Tgt Ion: 43 Resp: 137364
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 11.2 9.2 13.8



#38
Carbon Tetrachloride
Concen: 48.288 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 117 Resp: 141099
Ion Ratio Lower Upper
117 100
119 94.5 76.8 115.2
121 30.3 23.8 35.8

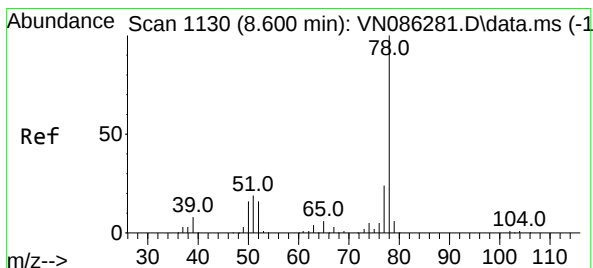
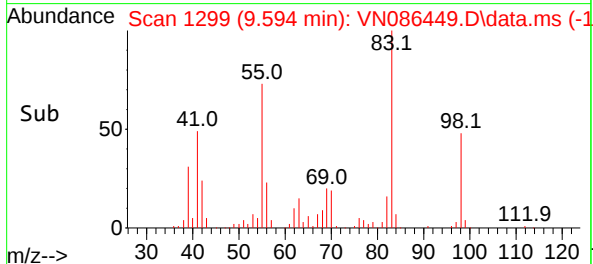
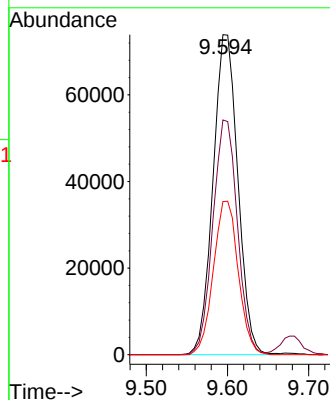
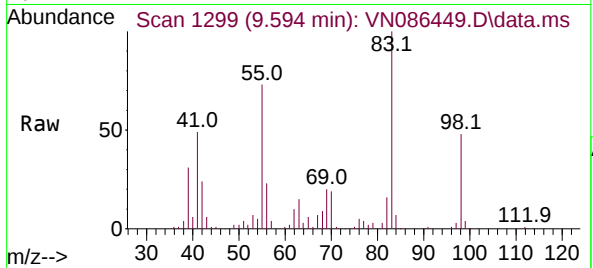




#39
Methylcyclohexane
Concen: 43.068 ug/l
RT: 9.594 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

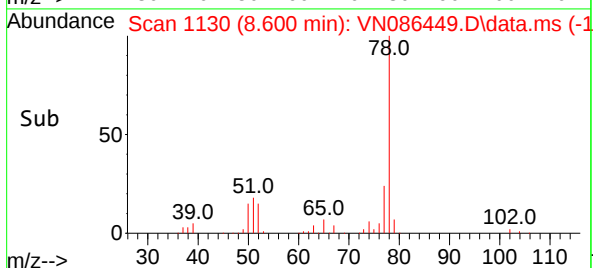
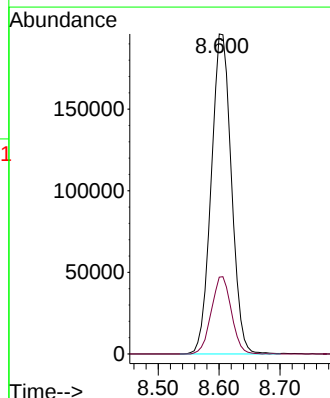
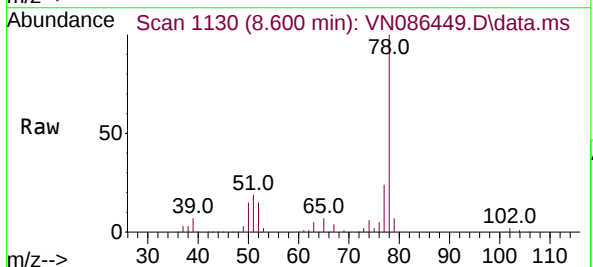
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

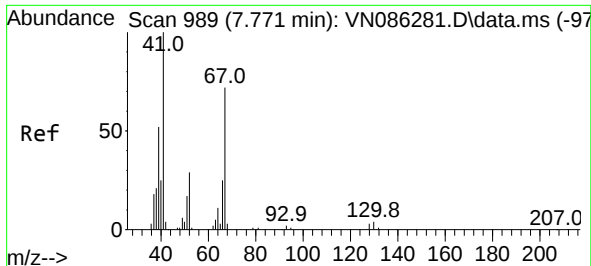
Tgt Ion: 83 Resp: 157072
Ion Ratio Lower Upper
83 100
55 73.3 59.8 89.8
98 47.9 37.9 56.9



#40
Benzene
Concen: 45.821 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 78 Resp: 450459
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.2

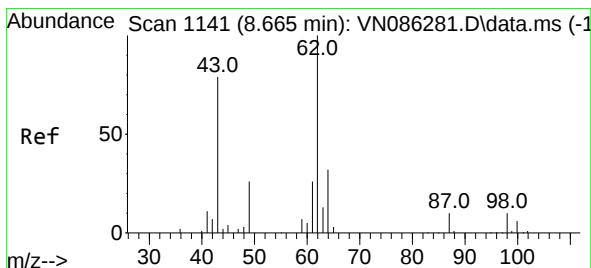
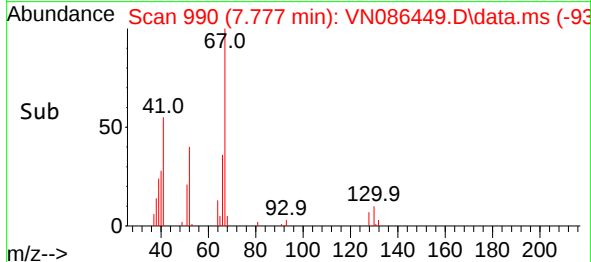
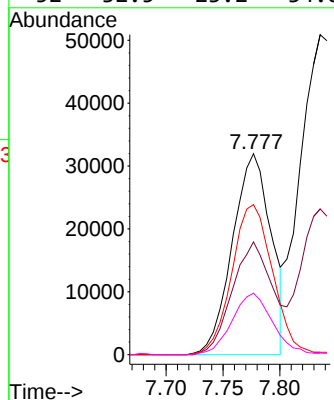
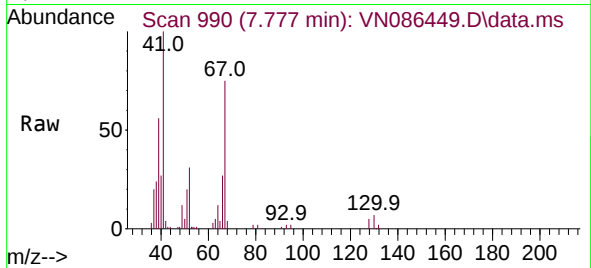




#41
Methacrylonitrile
Concen: 40.356 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

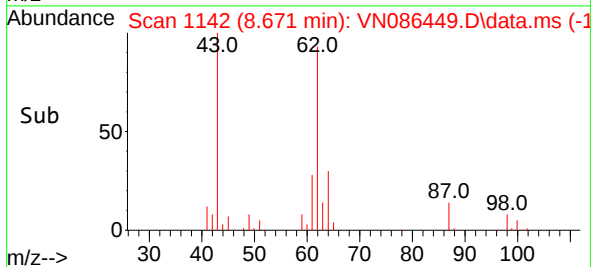
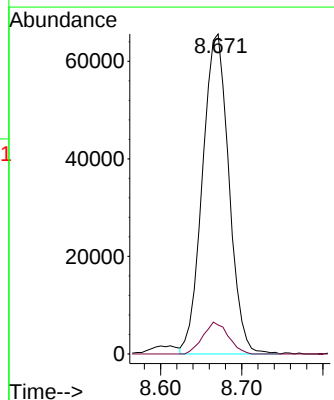
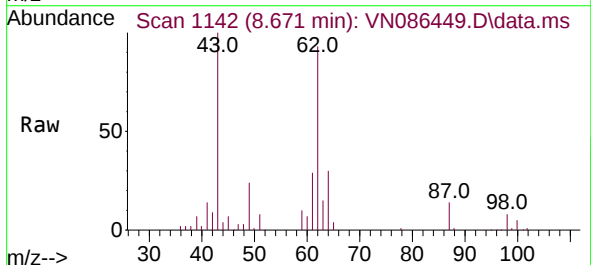
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

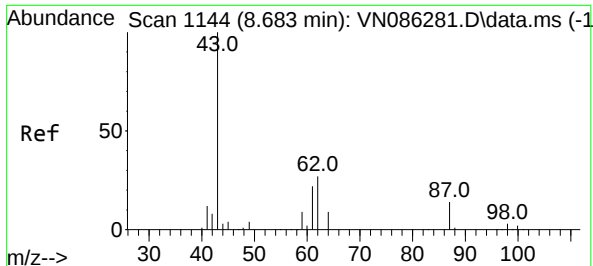
Tgt Ion:	41	Resp:	75555
Ion	Ratio	Lower	Upper
41	100		
39	60.1	43.0	64.4
67	79.4	58.8	88.2
52	32.5	23.2	34.8



#42
1,2-Dichloroethane
Concen: 47.345 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion:	62	Resp:	148426
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2

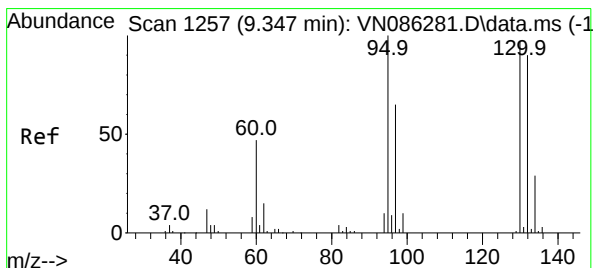
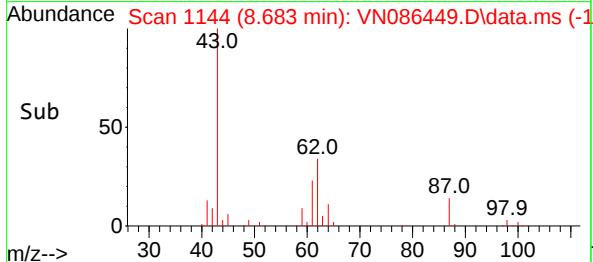
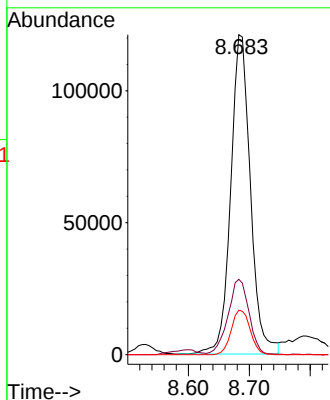
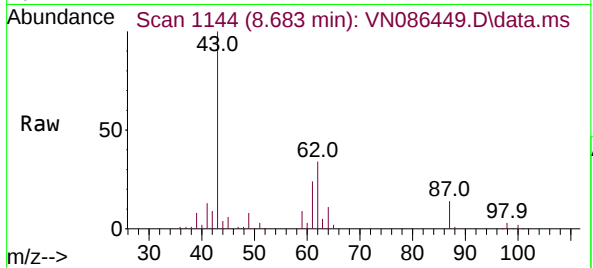




#43
Isopropyl Acetate
Concen: 46.970 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

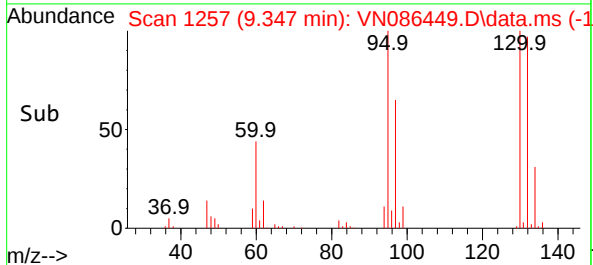
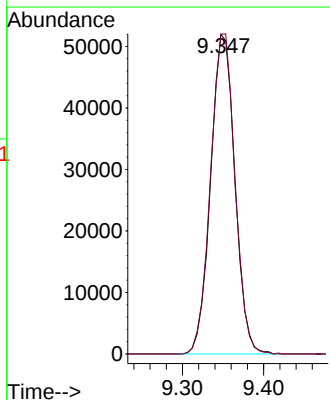
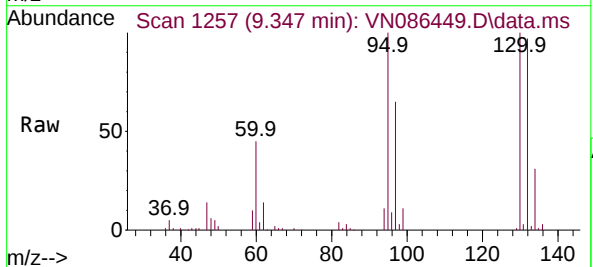
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

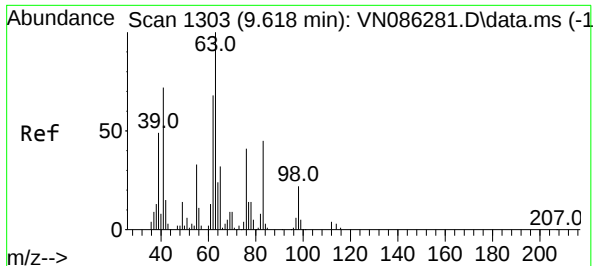
Tgt Ion: 43 Resp: 272546
Ion Ratio Lower Upper
43 100
61 25.1 20.5 30.7
87 13.4 10.5 15.7



#44
Trichloroethene
Concen: 46.178 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion:130 Resp: 107598
Ion Ratio Lower Upper
130 100
95 100.0 0.0 207.2





#45

1,2-Dichloropropane

Concen: 45.156 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

Instrument :

MSVOA_N

ClientSampleId :

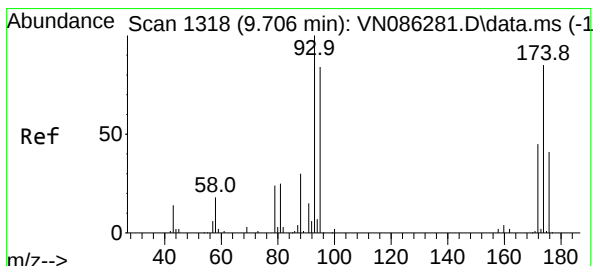
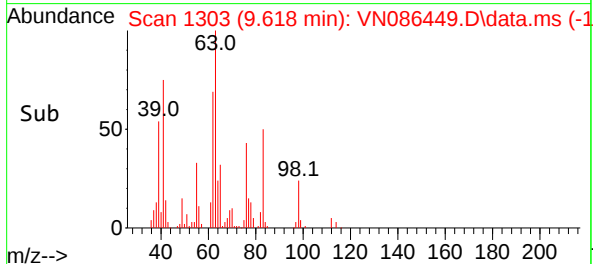
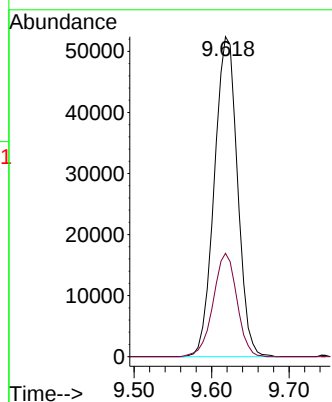
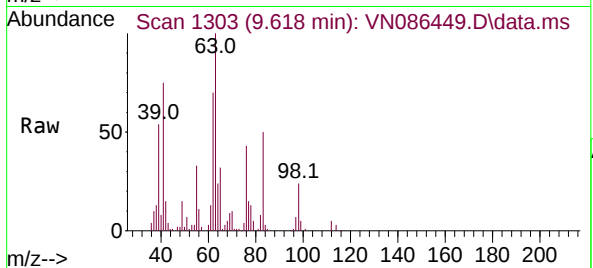
VSTDCCC050EC

Tgt Ion: 63 Resp: 108664

Ion Ratio Lower Upper

63 100

65 32.3 25.4 38.2



#46

Dibromomethane

Concen: 49.082 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

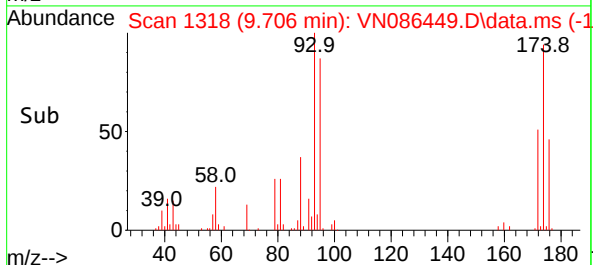
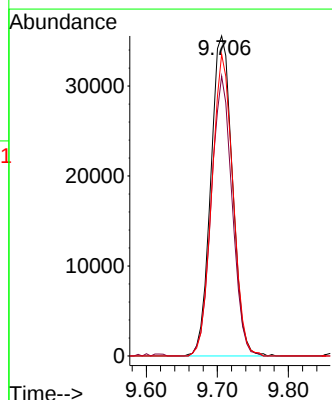
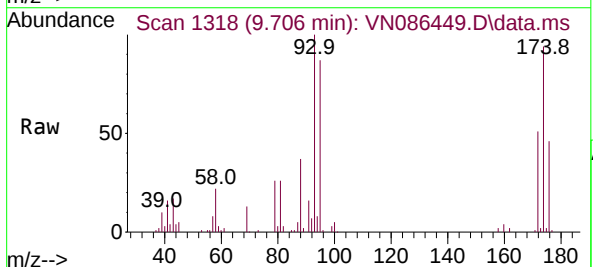
Tgt Ion: 93 Resp: 75255

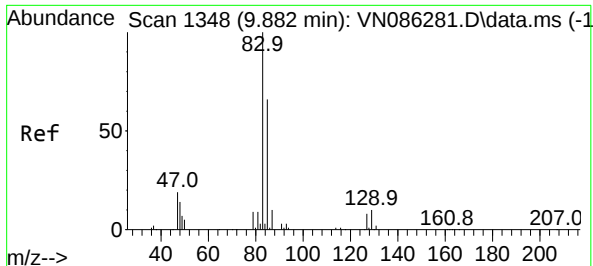
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 91.5 67.8 101.6

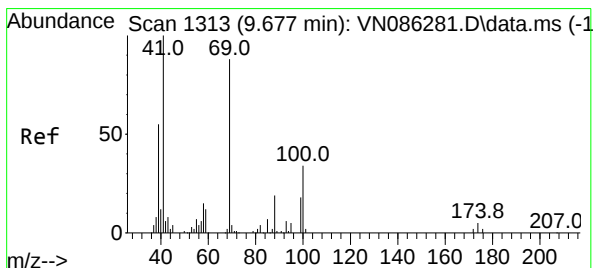
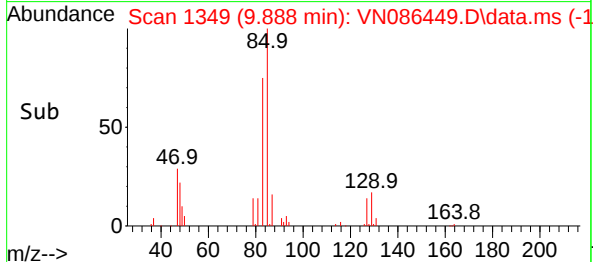
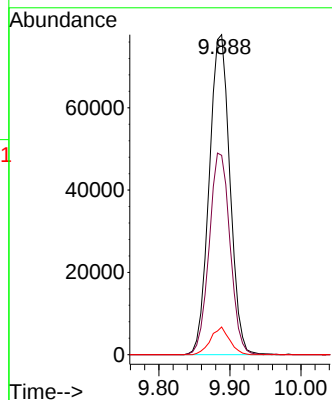
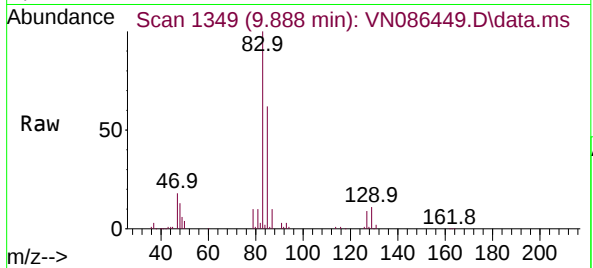




#47
Bromodichloromethane
Concen: 47.460 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

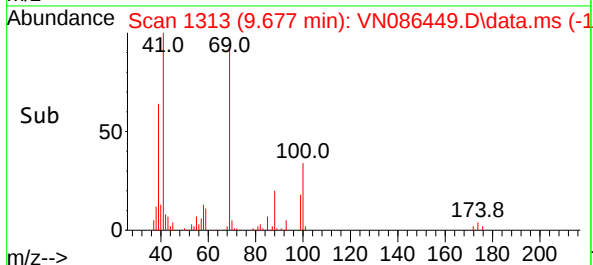
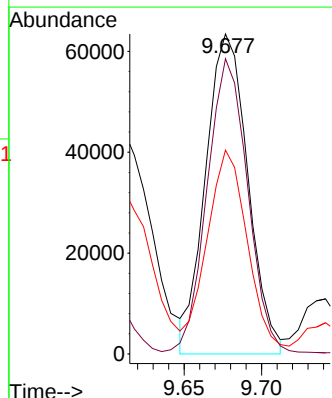
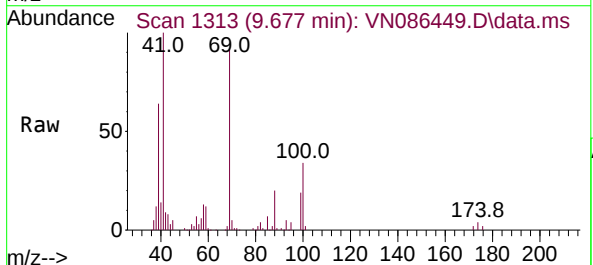
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

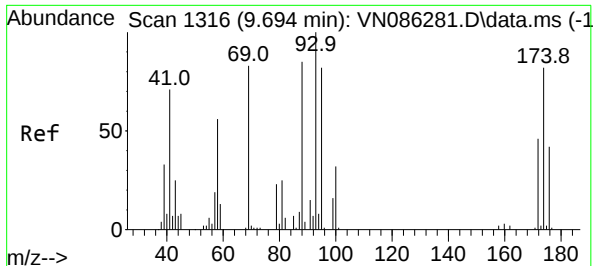
Tgt Ion: 83 Resp: 157163
Ion Ratio Lower Upper
83 100
85 62.3 52.6 78.8
127 8.7 6.1 9.1



#48
Methyl methacrylate
Concen: 42.383 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 41 Resp: 120232
Ion Ratio Lower Upper
41 100
69 89.5 68.2 102.2
39 61.9 45.2 67.8





#49

1,4-Dioxane

Concen: 984.354 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

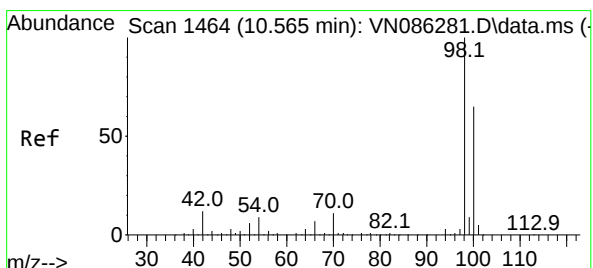
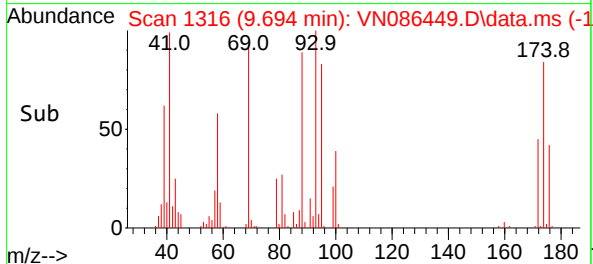
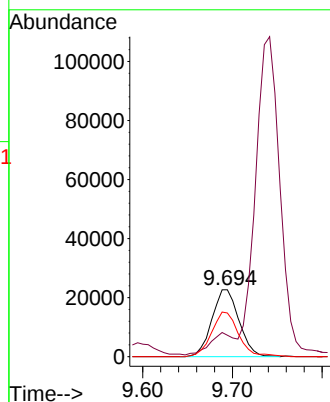
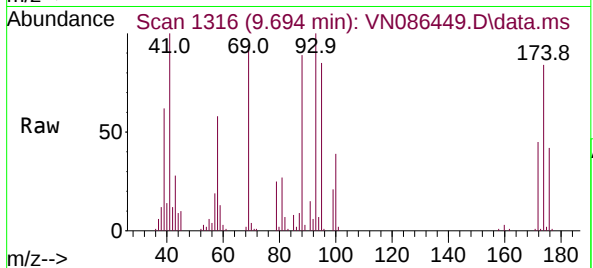
Tgt Ion: 88 Resp: 47498

Ion Ratio Lower Upper

88 100

43 30.7 23.8 35.8

58 66.6 57.4 86.2



#50

Toluene-d8

Concen: 49.832 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086449.D

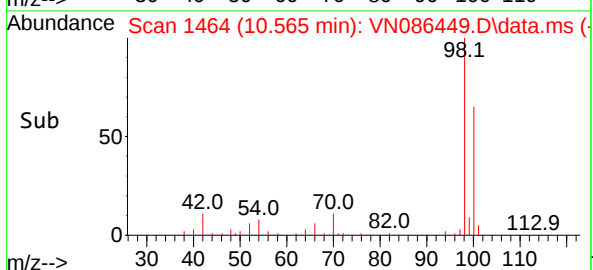
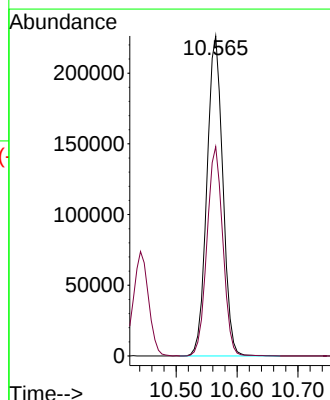
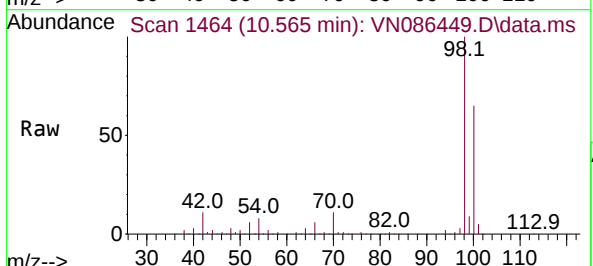
Acq: 30 Apr 2025 20:19

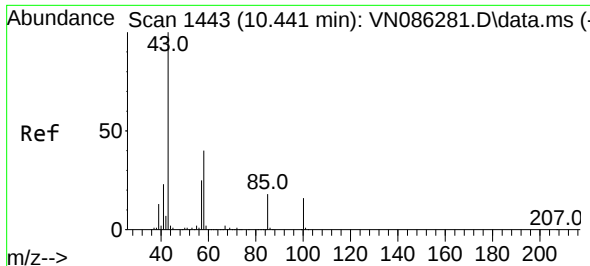
Tgt Ion: 98 Resp: 409129

Ion Ratio Lower Upper

98 100

100 65.4 52.5 78.7

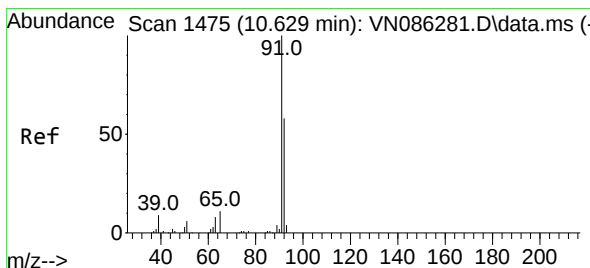
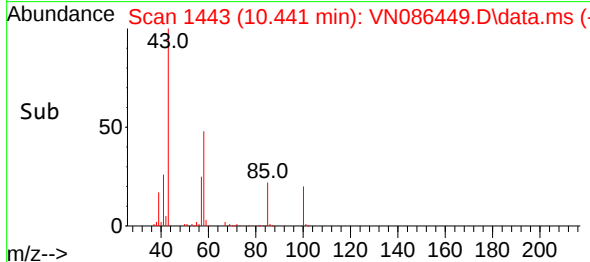
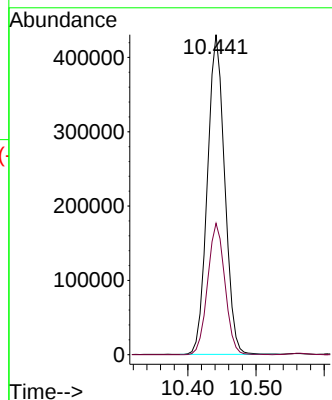
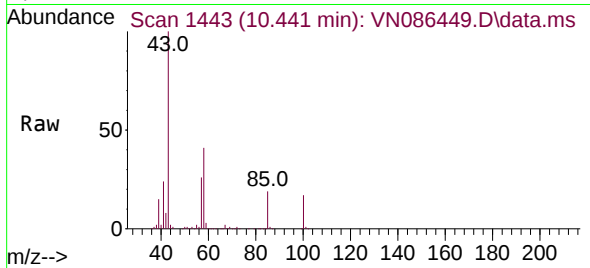




#51
4-Methyl-2-Pentanone
Concen: 229.386 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

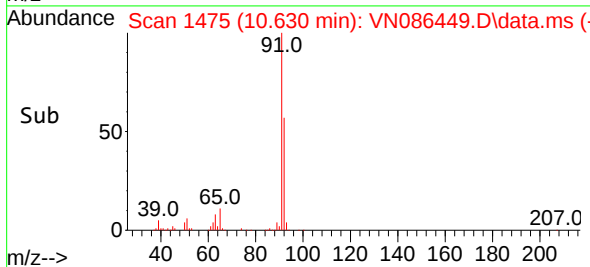
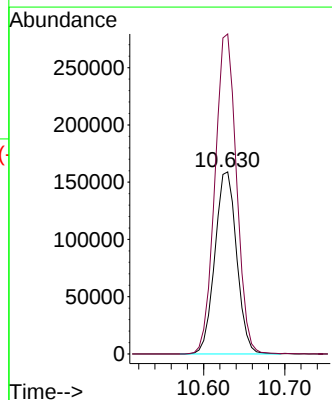
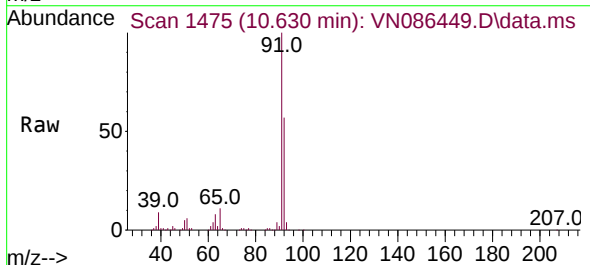
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

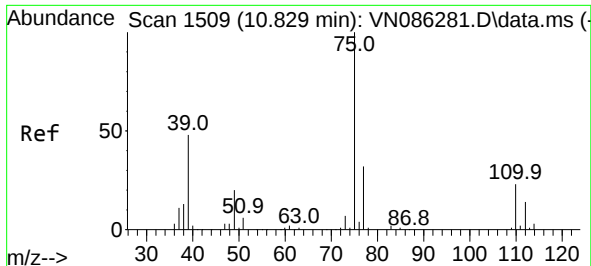
Tgt Ion: 43 Resp: 758779
Ion Ratio Lower Upper
43 100
58 41.1 32.2 48.4



#52
Toluene
Concen: 48.324 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 92 Resp: 296427
Ion Ratio Lower Upper
92 100
91 174.3 137.3 205.9

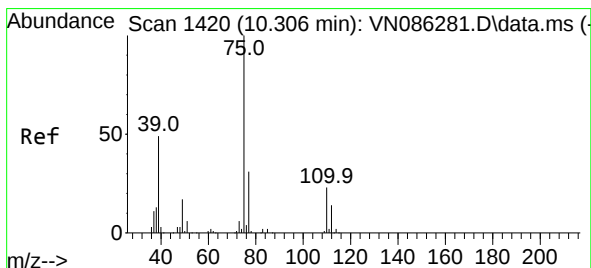
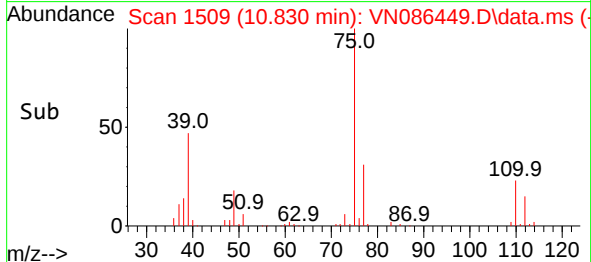
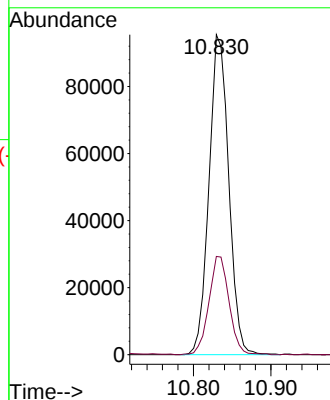
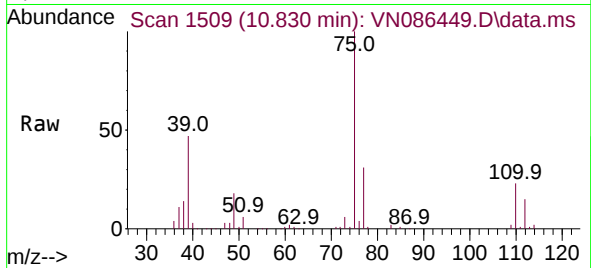




#53
 t-1,3-Dichloropropene
 Concen: 45.660 ug/l
 RT: 10.830 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN086449.D
 Acq: 30 Apr 2025 20:19

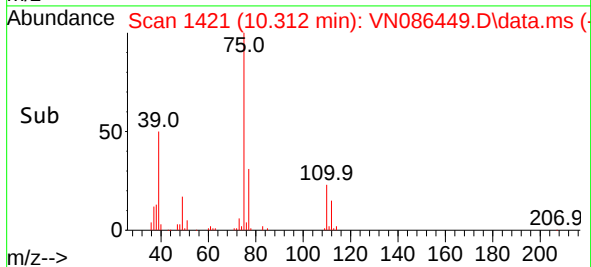
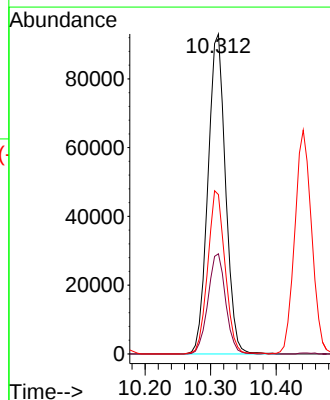
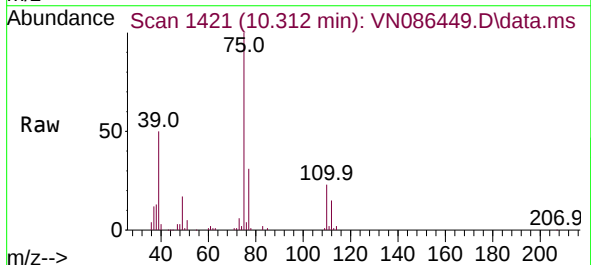
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

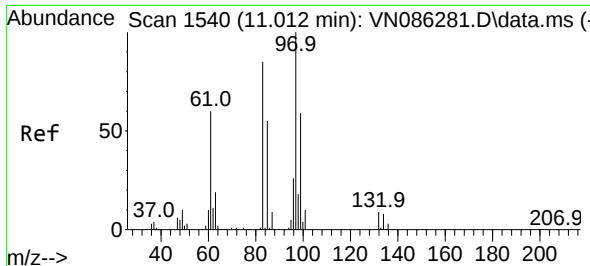
Tgt Ion: 75 Resp: 168783
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 42.791 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN086449.D
 Acq: 30 Apr 2025 20:19

Tgt Ion: 75 Resp: 173738
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8
 39 49.8 39.3 58.9

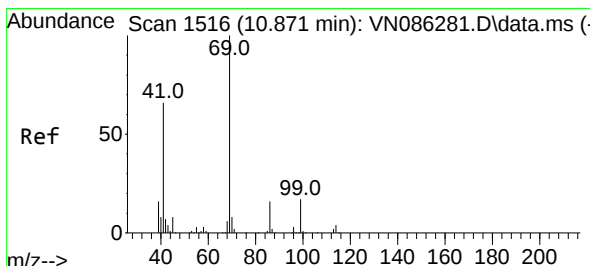
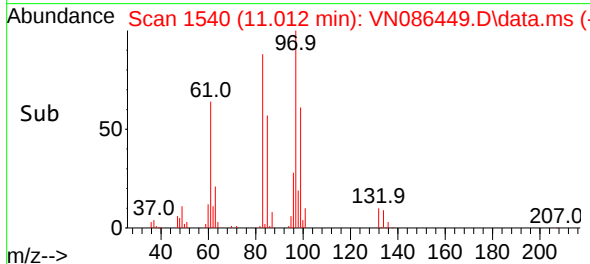
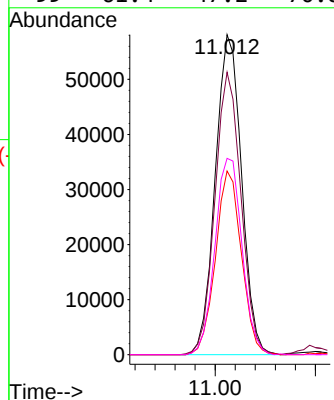
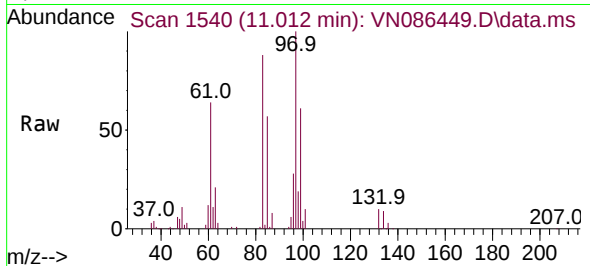




#55
1,1,2-Trichloroethane
Concen: 47.952 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

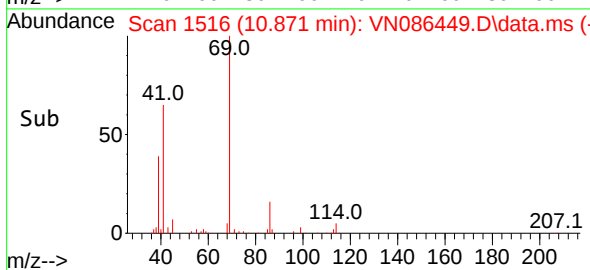
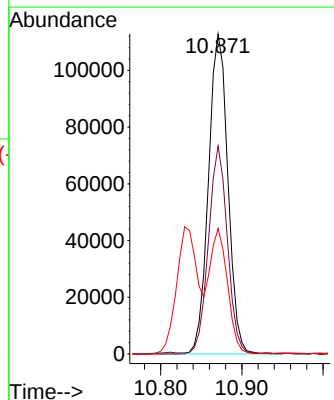
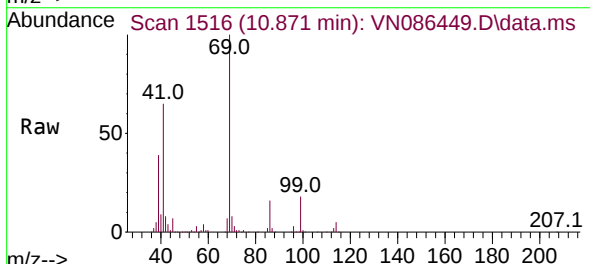
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

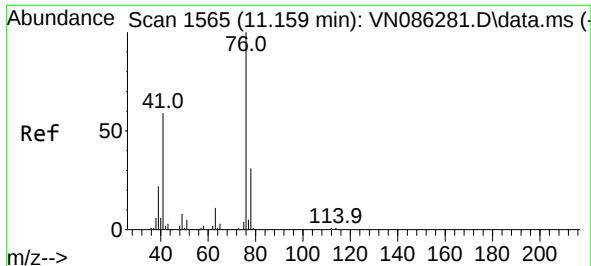
Tgt Ion:	97	Resp:	105830
Ion	Ratio	Lower	Upper
97	100		
83	88.3	68.4	102.6
85	57.4	43.9	65.9
99	61.4	47.2	70.8



#56
Ethyl methacrylate
Concen: 46.194 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion:	69	Resp:	187400
Ion	Ratio	Lower	Upper
69	100		
41	62.6	51.7	77.5
39	35.6	26.3	39.5

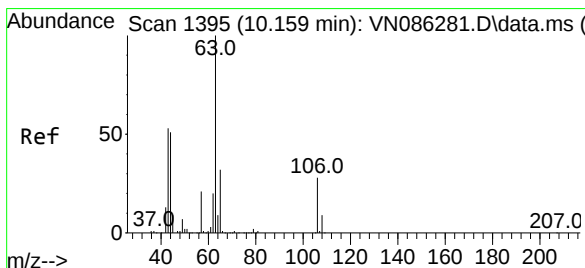
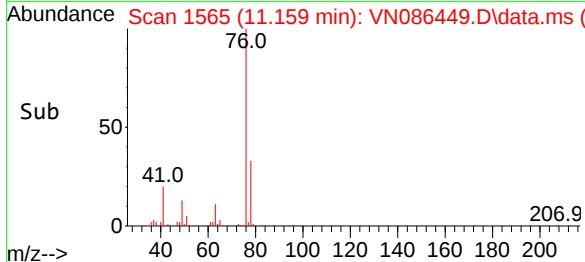
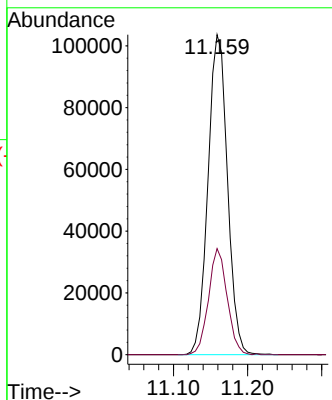
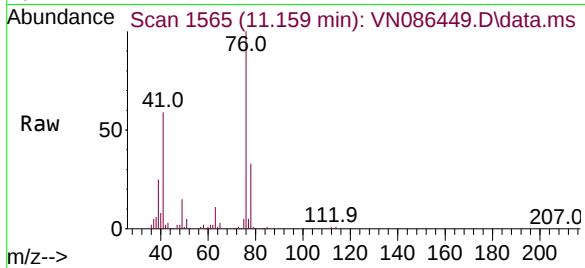




#57
1,3-Dichloropropane
Concen: 48.268 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

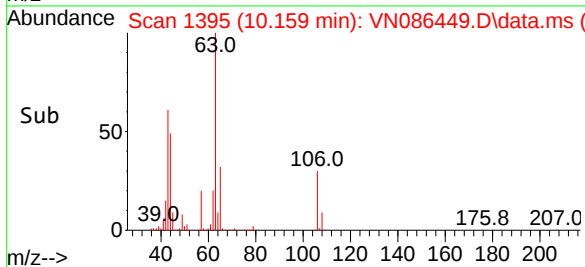
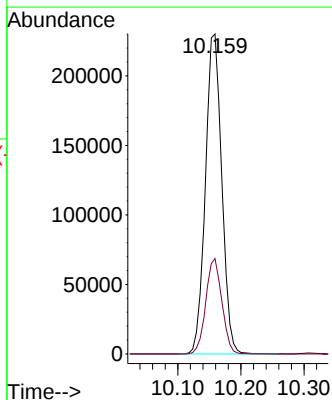
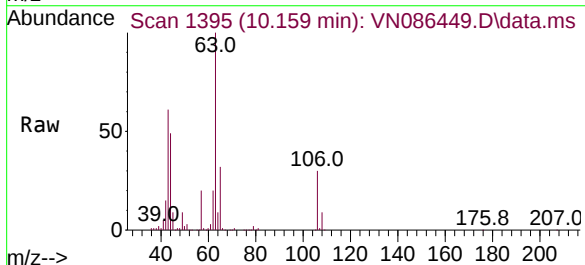
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

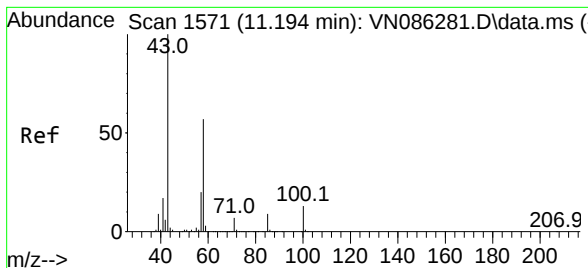
Tgt Ion: 76 Resp: 189006
Ion Ratio Lower Upper
76 100
78 31.8 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 215.047 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 63 Resp: 414072
Ion Ratio Lower Upper
63 100
106 29.3 22.2 33.2

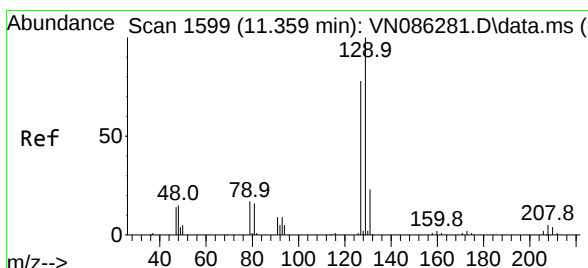
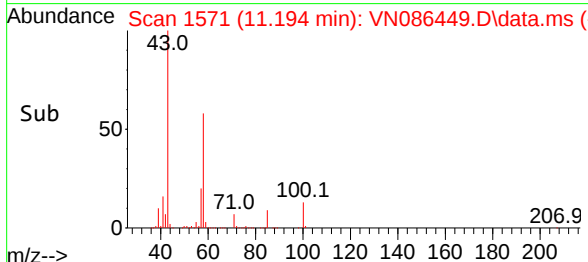
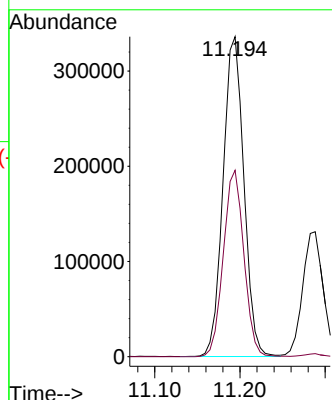
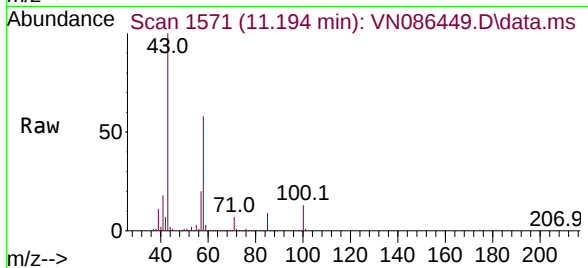




#59
2-Hexanone
Concen: 232.328 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

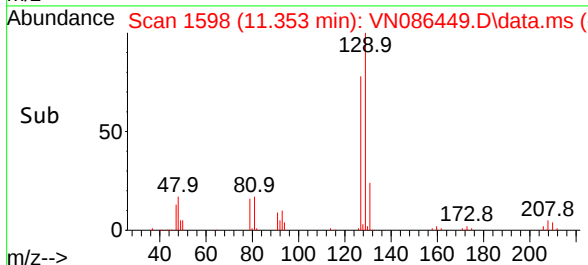
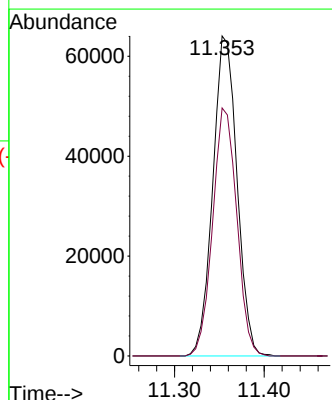
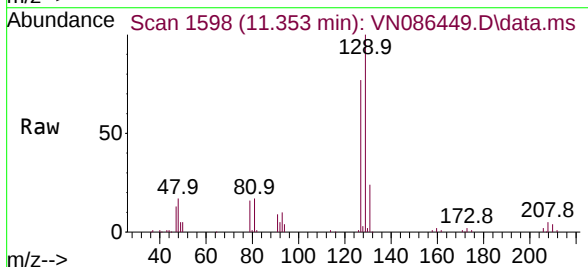
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

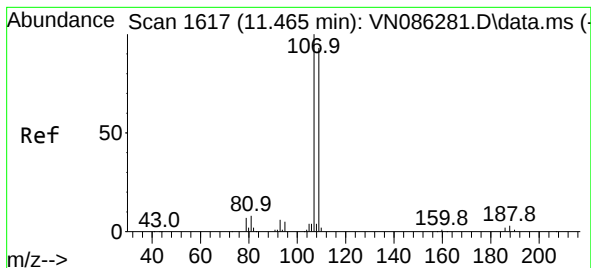
Tgt Ion: 43 Resp: 570028
Ion Ratio Lower Upper
43 100
58 57.5 28.3 85.0



#60
Dibromochloromethane
Concen: 49.530 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 129 Resp: 120037
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





#61

1,2-Dibromoethane

Concen: 50.231 ug/l

RT: 11.465 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

Instrument :

MSVOA_N

ClientSampleId :

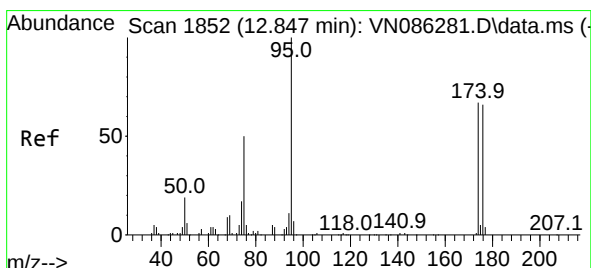
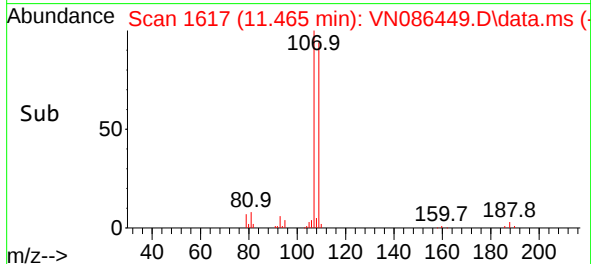
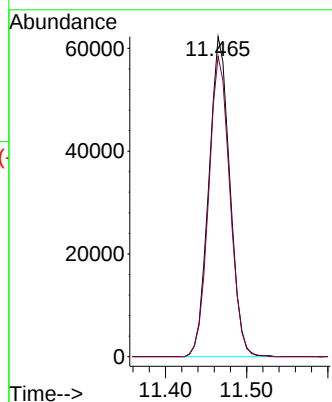
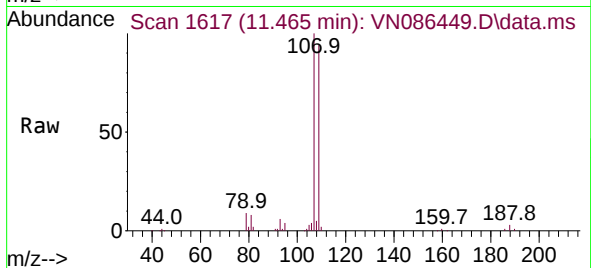
VSTDCCC050EC

Tgt Ion:107 Resp: 111860

Ion Ratio Lower Upper

107 100

109 94.7 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 50.015 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

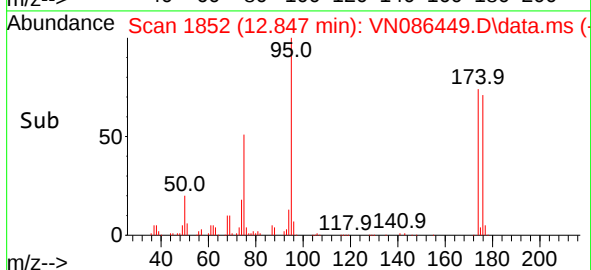
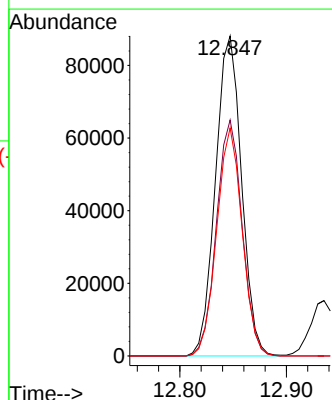
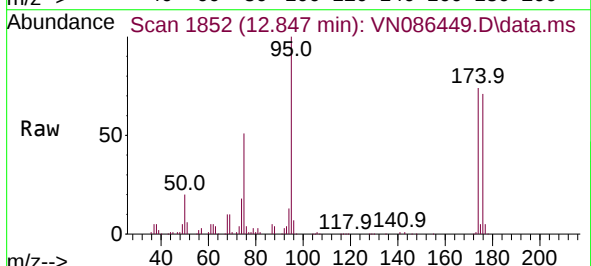
Tgt Ion: 95 Resp: 149776

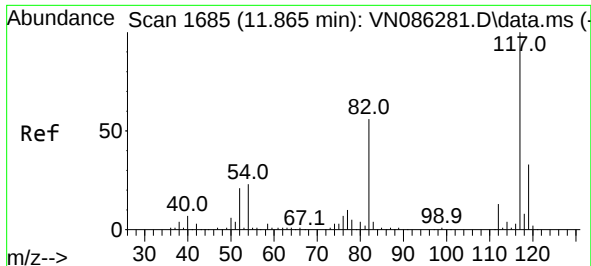
Ion Ratio Lower Upper

95 100

174 72.6 0.0 133.4

176 69.4 0.0 129.2

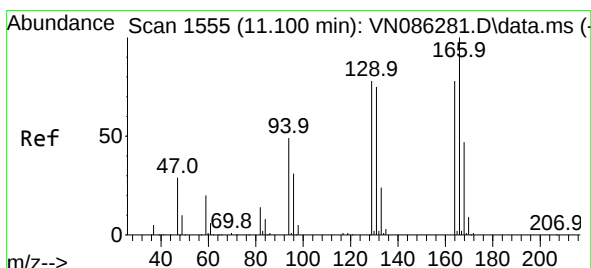
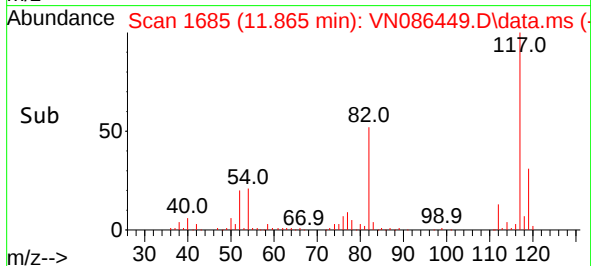
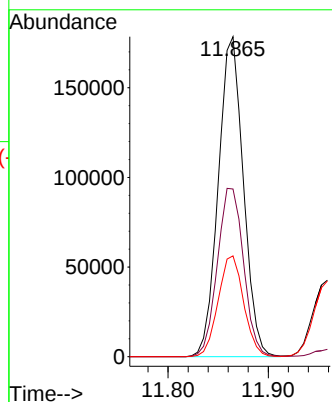
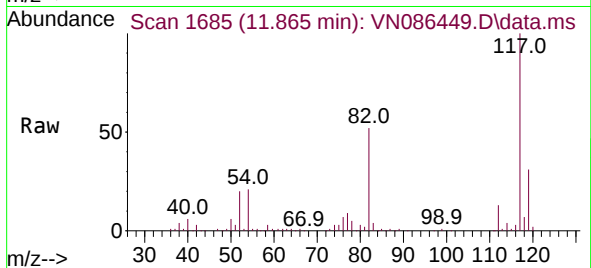




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

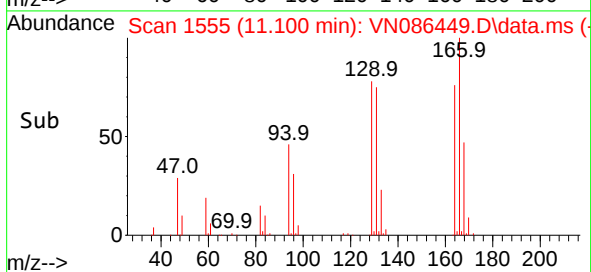
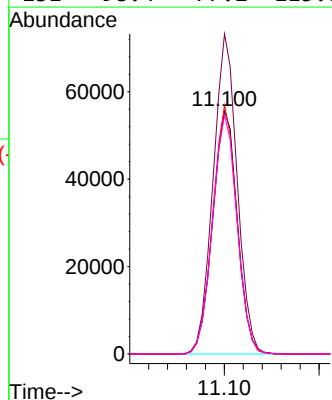
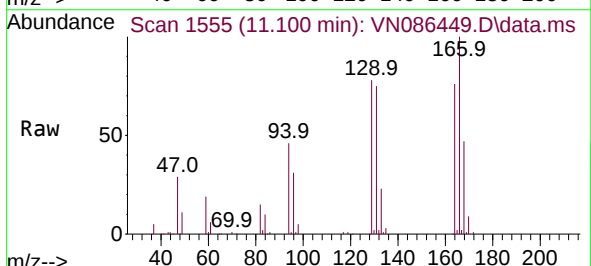
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

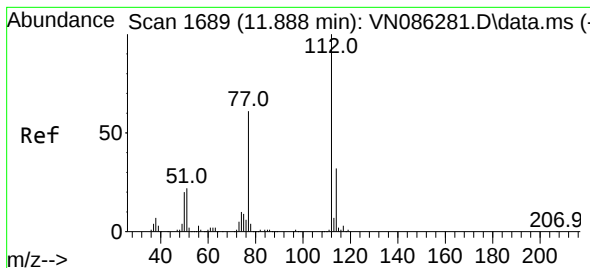
Tgt Ion:117 Resp: 309904
Ion Ratio Lower Upper
117 100
82 52.4 44.7 67.1
119 31.5 26.4 39.6



#64
Tetrachloroethene
Concen: 42.162 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion:164 Resp: 100505
Ion Ratio Lower Upper
164 100
166 131.8 103.0 154.4
129 102.5 80.1 120.1
131 98.4 77.2 115.8





#65

Chlorobenzene

Concen: 45.922 ug/l

RT: 11.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

Instrument :

MSVOA_N

ClientSampleId :

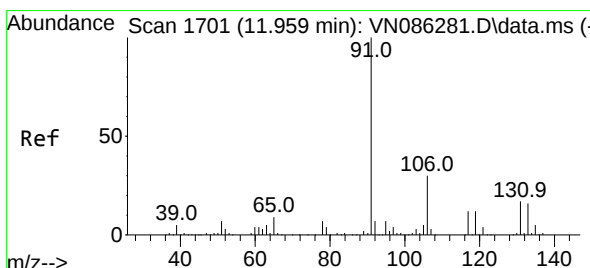
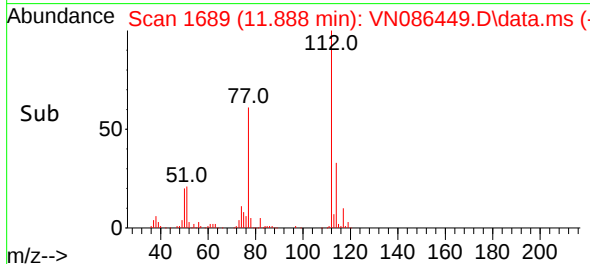
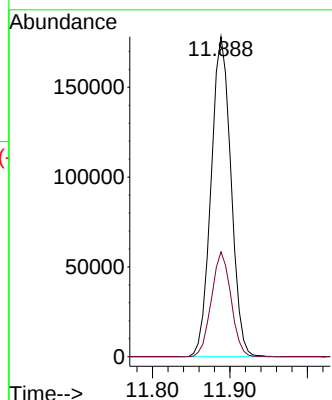
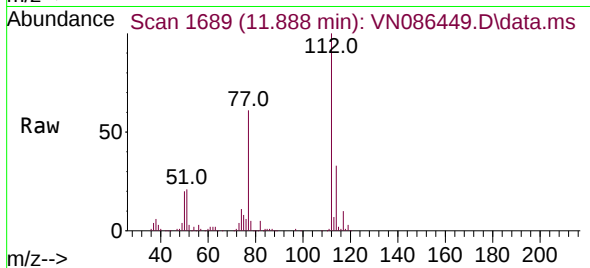
VSTDCCC050EC

Tgt Ion:112 Resp: 317597

Ion Ratio Lower Upper

112 100

114 32.8 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 47.043 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

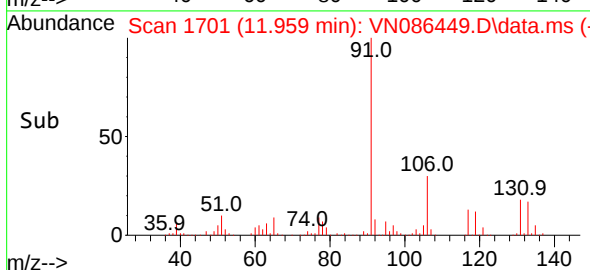
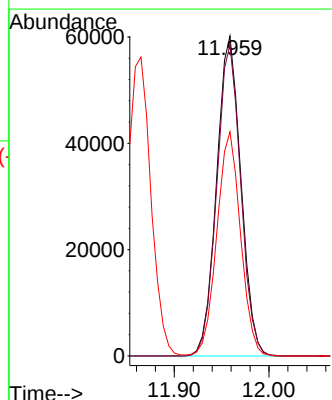
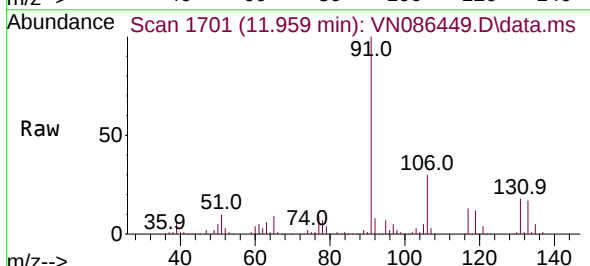
Tgt Ion:131 Resp: 107332

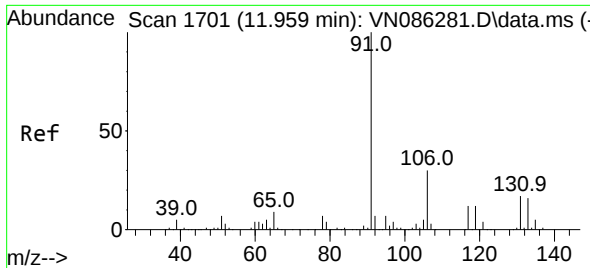
Ion Ratio Lower Upper

131 100

133 95.8 47.1 141.3

119 68.4 33.8 101.4

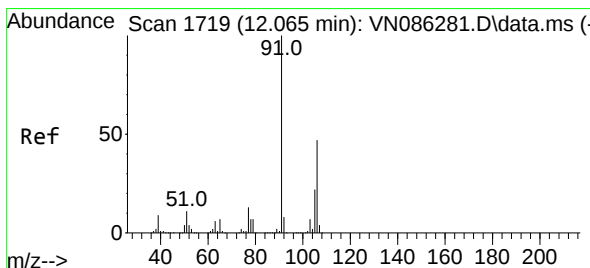
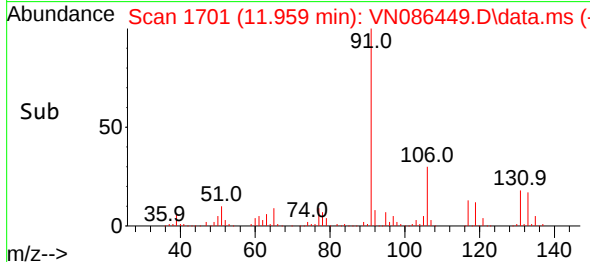
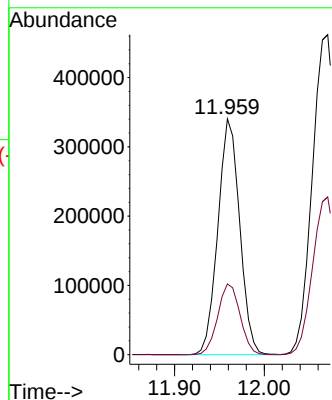
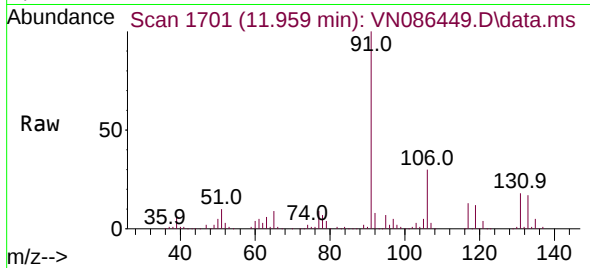




#67
Ethyl Benzene
Concen: 45.966 ug/l
RT: 11.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

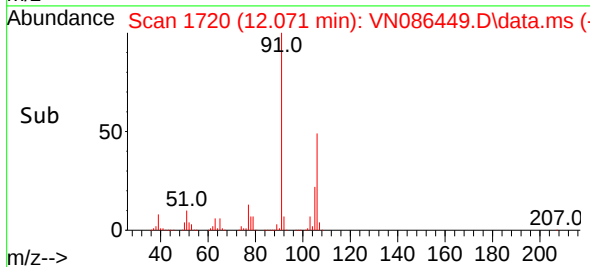
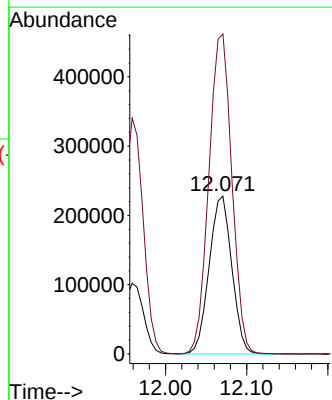
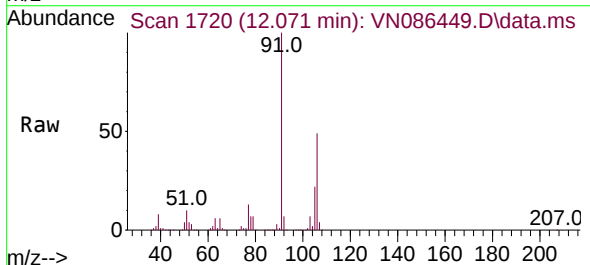
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

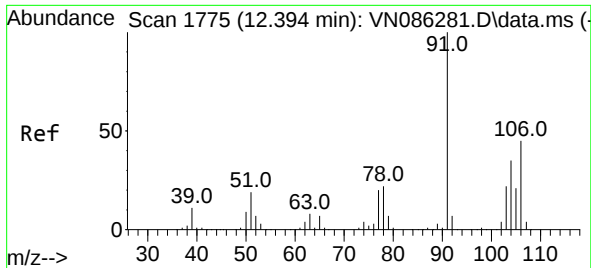
Tgt Ion: 91 Resp: 573659
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5



#68
m/p-Xylenes
Concen: 94.428 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion:106 Resp: 441570
Ion Ratio Lower Upper
106 100
91 206.0 166.5 249.7

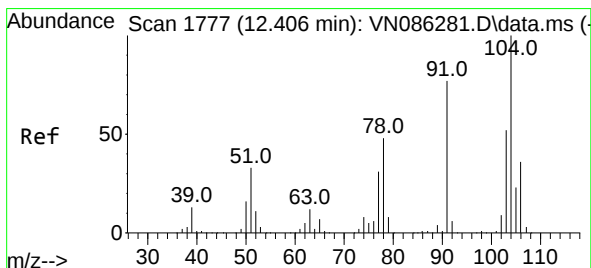
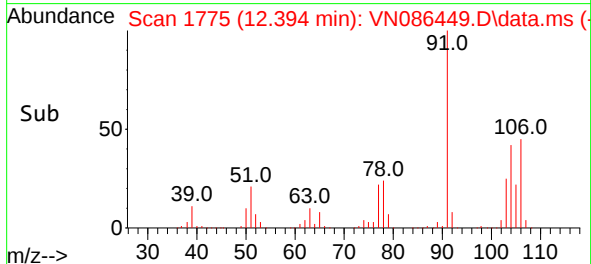
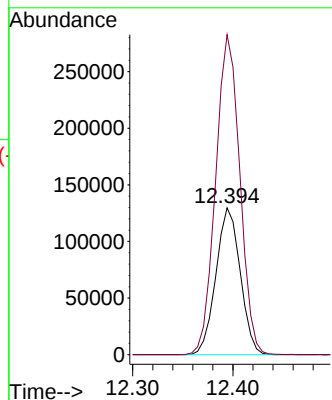
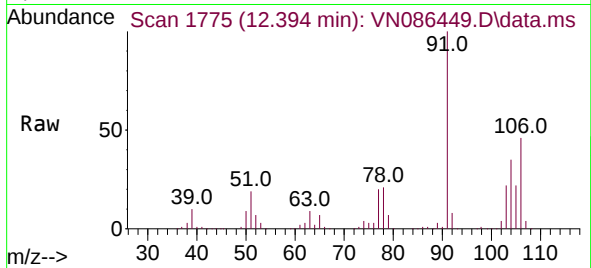




#69
o-Xylene
Concen: 47.083 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

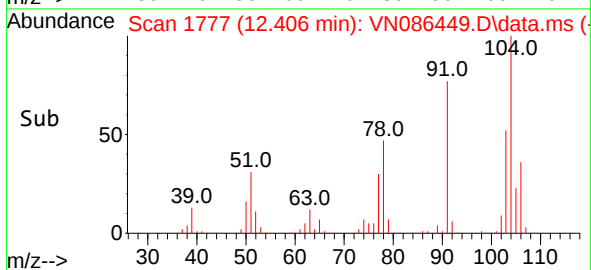
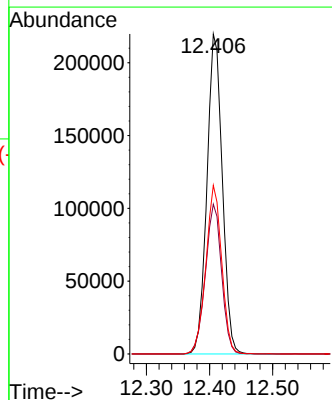
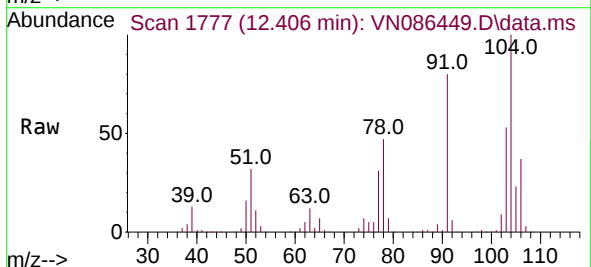
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

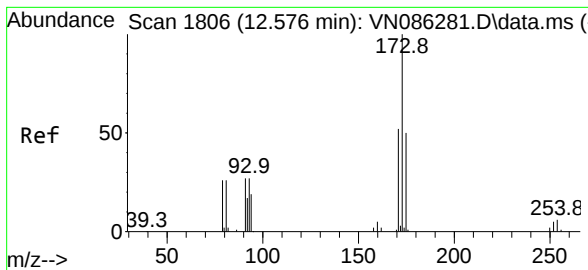
Tgt Ion:106 Resp: 217737
Ion Ratio Lower Upper
106 100
91 217.4 109.7 329.0



#70
Styrene
Concen: 48.260 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion:104 Resp: 371865
Ion Ratio Lower Upper
104 100
78 49.3 40.6 61.0
103 54.3 43.6 65.4

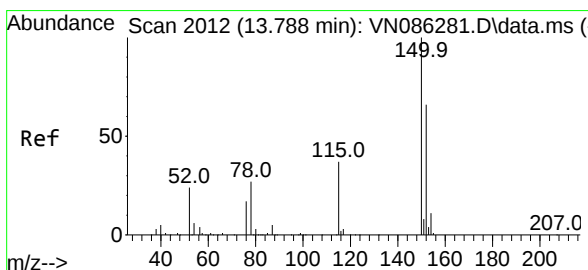
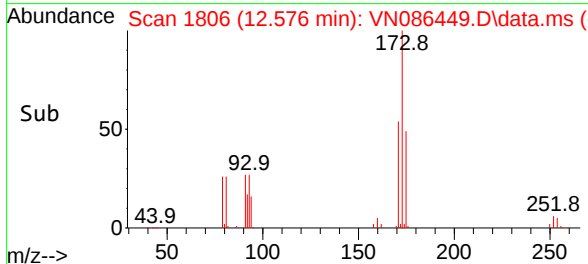
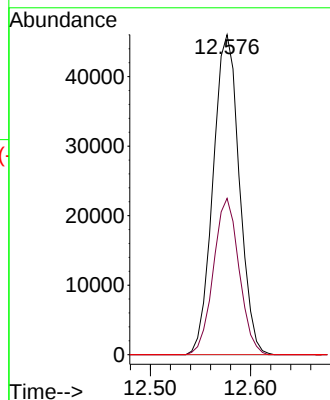
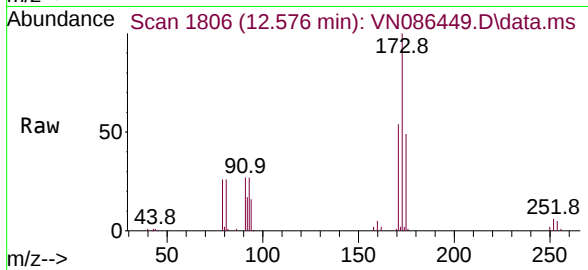




#71
Bromoform
Concen: 48.743 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

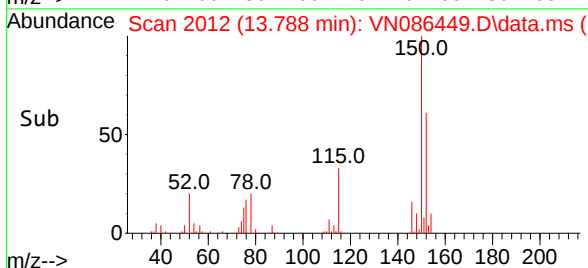
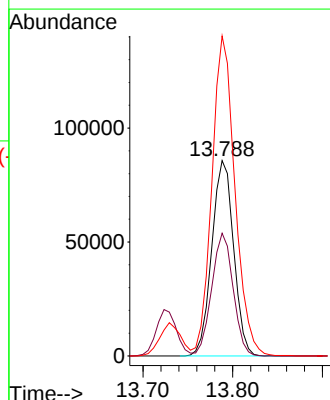
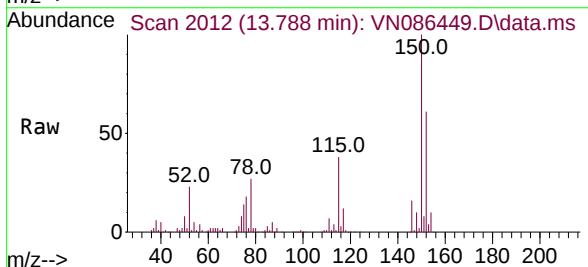
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

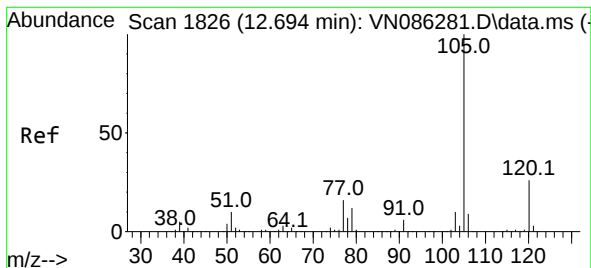
Tgt Ion:173 Resp: 83730
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion:152 Resp: 144778
Ion Ratio Lower Upper
152 100
115 61.6 31.9 95.9
150 173.1 0.0 352.0





#73

Isopropylbenzene

Concen: 45.846 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

Instrument :

MSVOA_N

ClientSampleId :

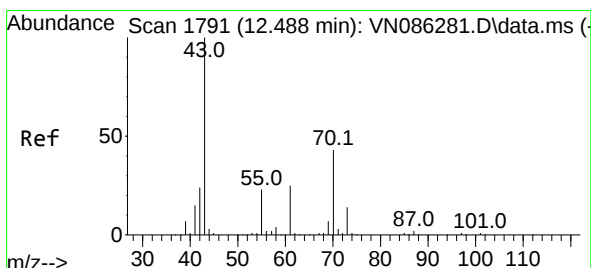
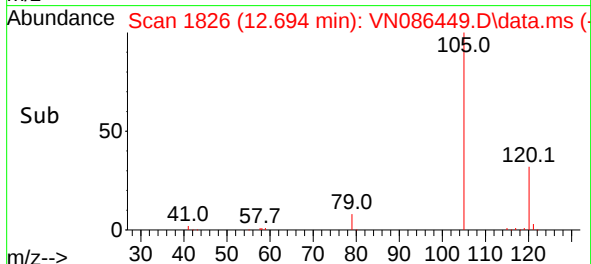
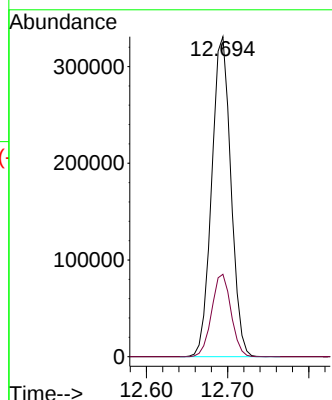
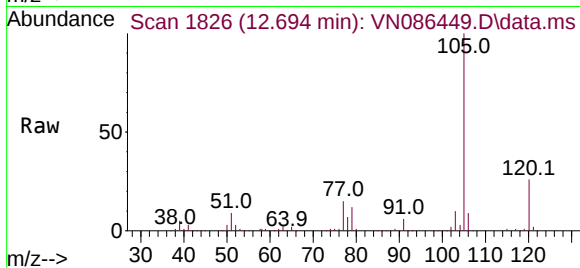
VSTDCCC050EC

Tgt Ion:105 Resp: 542966

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.3



#74

N-ethyl acetate

Concen: 41.595 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

Tgt Ion: 43 Resp: 245237

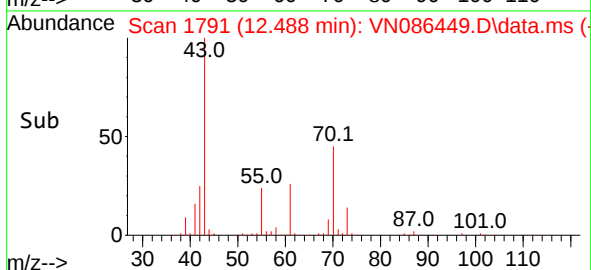
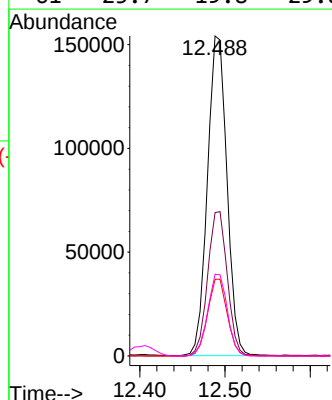
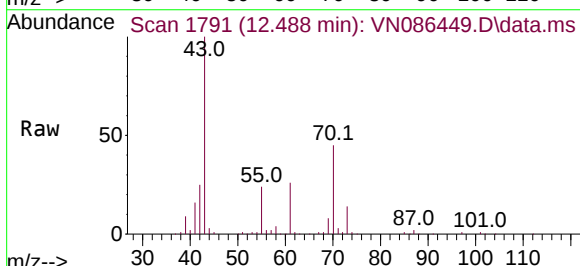
Ion Ratio Lower Upper

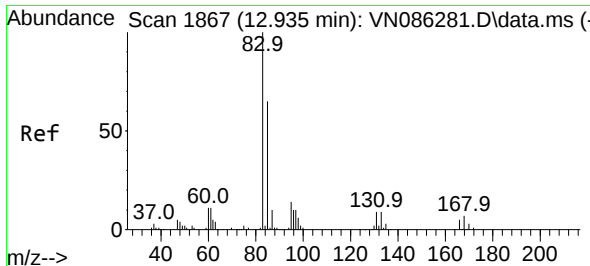
43 100

70 45.4 35.0 52.4

55 24.2 19.0 28.4

61 25.7 19.8 29.8

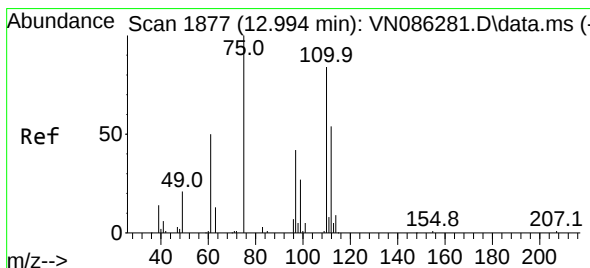
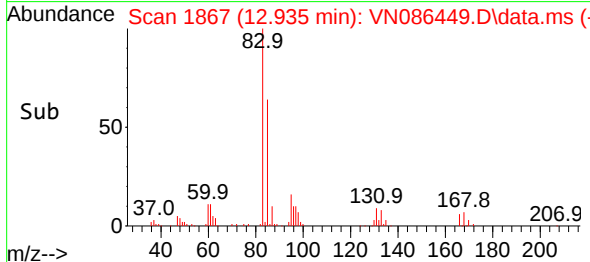
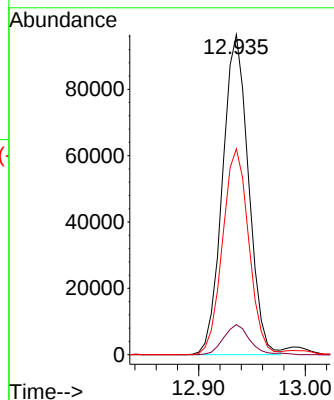
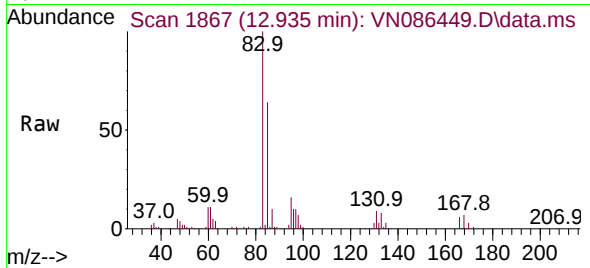




#75
1,1,2-Tetrachloroethane
Concen: 48.049 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

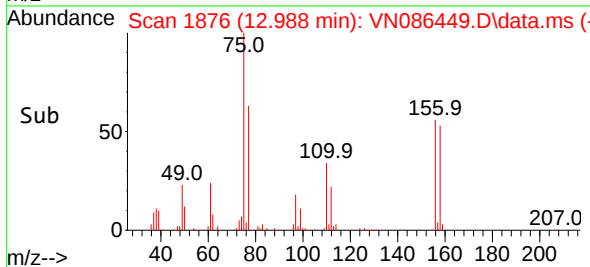
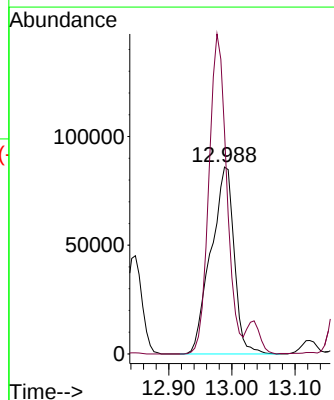
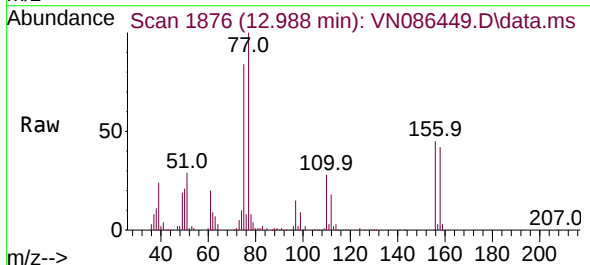
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

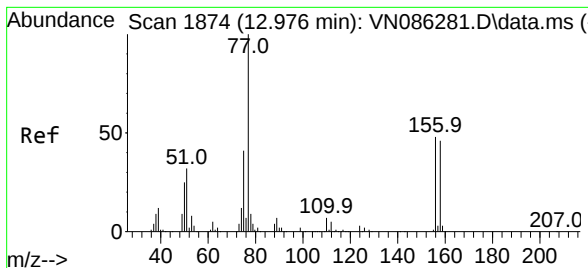
Tgt Ion: 83 Resp: 163619
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 64.8 32.7 98.1



#76
1,2,3-Trichloropropane
Concen: 64.308 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 75 Resp: 219712
Ion Ratio Lower Upper
75 100
77 131.4 98.8 296.4





#77

Bromobenzene

Concen: 48.547 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

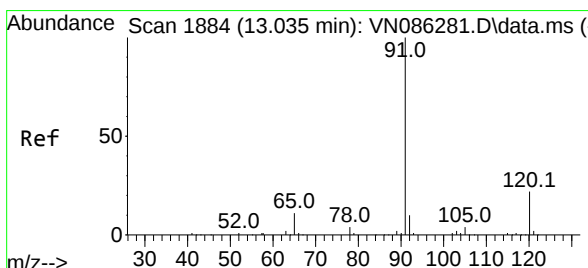
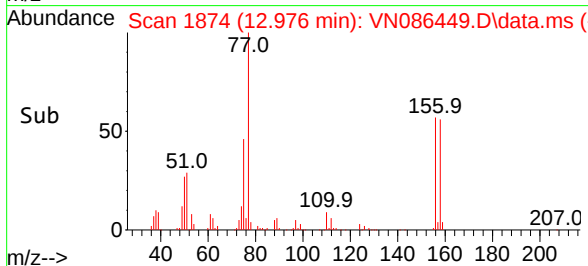
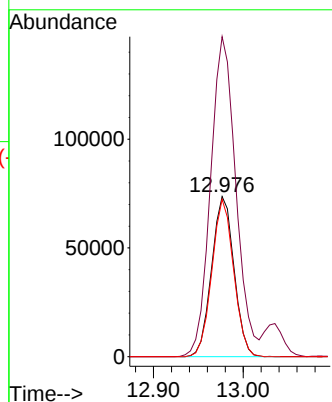
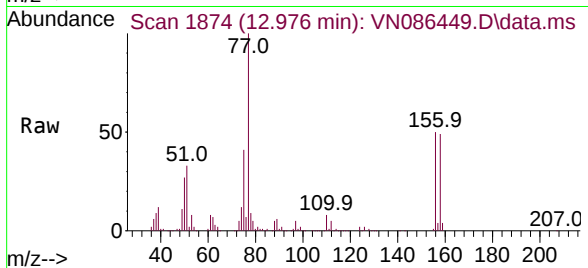
Tgt Ion:156 Resp: 127393

Ion Ratio Lower Upper

156 100

77 226.6 121.1 363.1

158 95.6 47.9 143.6



#78

n-propylbenzene

Concen: 45.248 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN086449.D

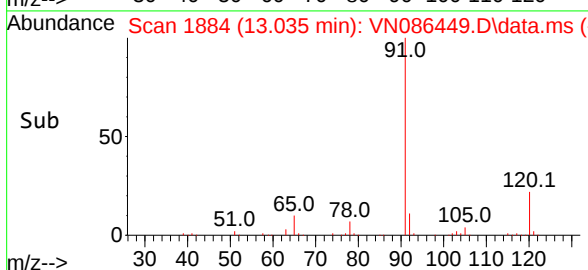
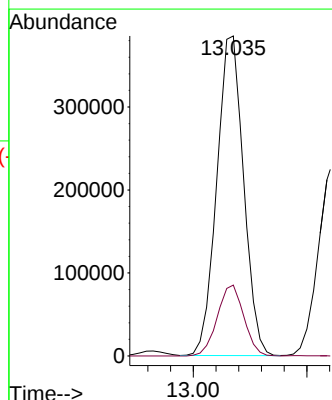
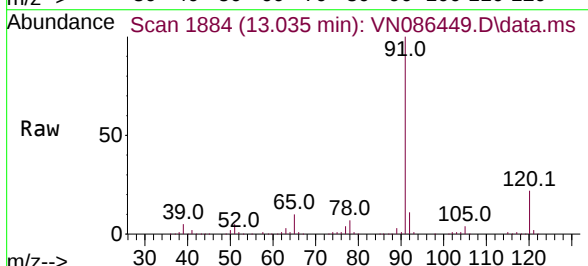
Acq: 30 Apr 2025 20:19

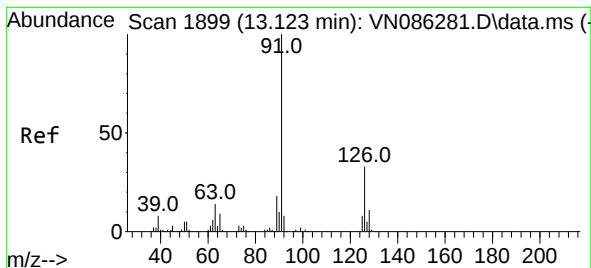
Tgt Ion: 91 Resp: 631465

Ion Ratio Lower Upper

91 100

120 21.9 11.1 33.3

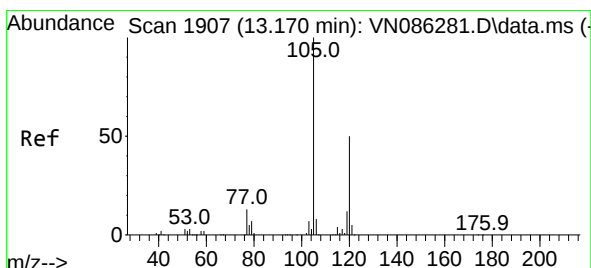
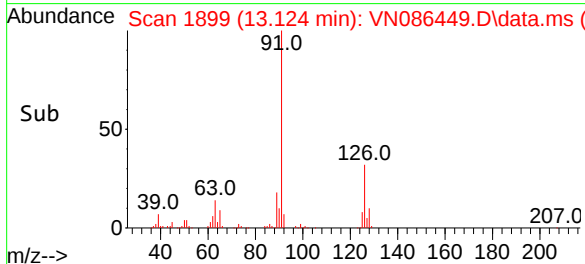
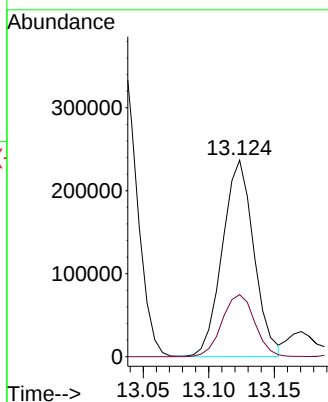
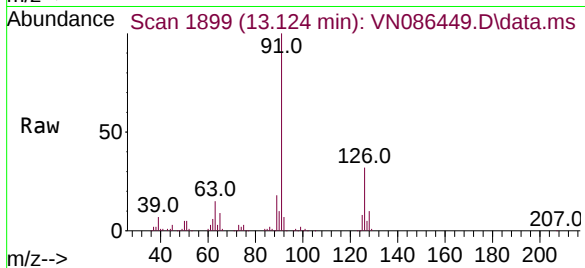




#79
2-Chlorotoluene
Concen: 45.241 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

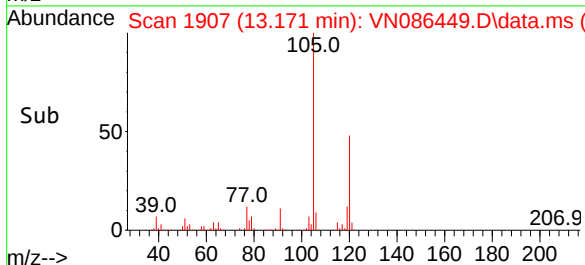
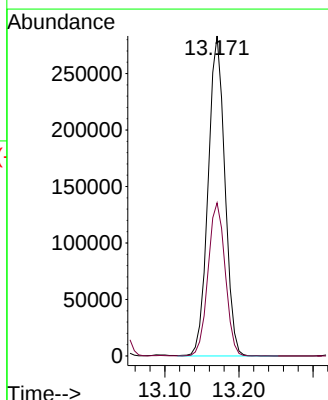
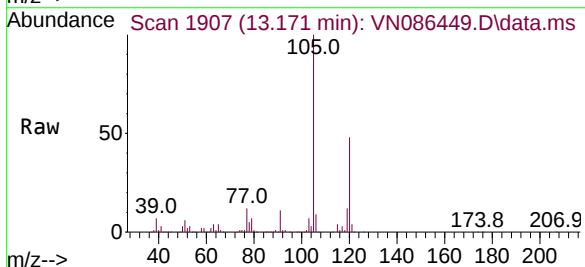
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

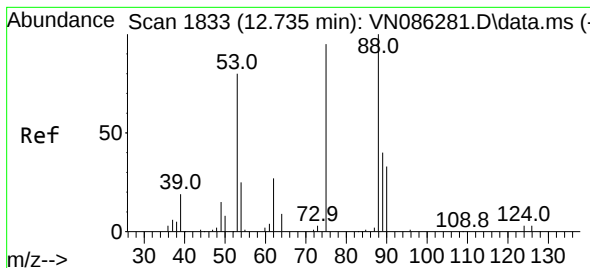
Tgt Ion: 91 Resp: 395077
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 45.790 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 105 Resp: 443856
Ion Ratio Lower Upper
105 100
120 49.0 24.5 73.5

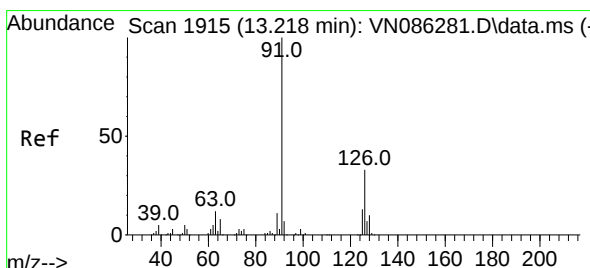
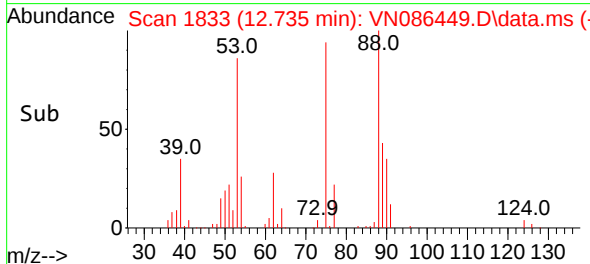
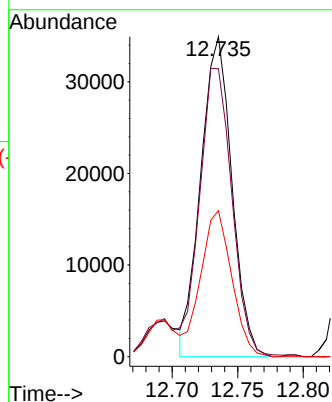
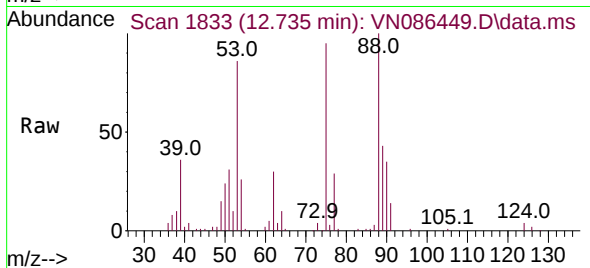




#81
trans-1,4-Dichloro-2-butene
Concen: 40.608 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

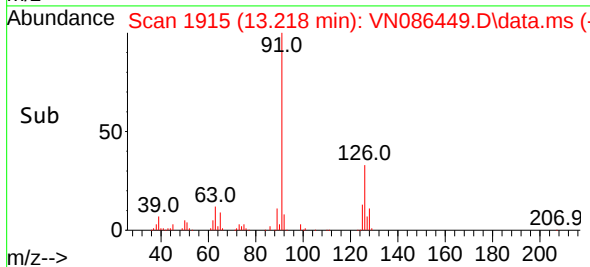
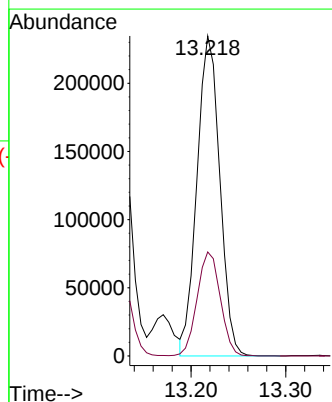
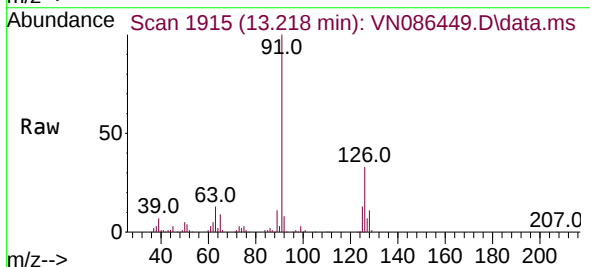
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

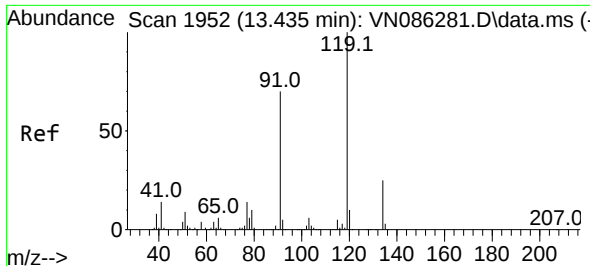
Tgt Ion: 75 Resp: 57769
Ion Ratio Lower Upper
75 100
53 95.4 79.2 118.8
89 45.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 45.364 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 91 Resp: 393518
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

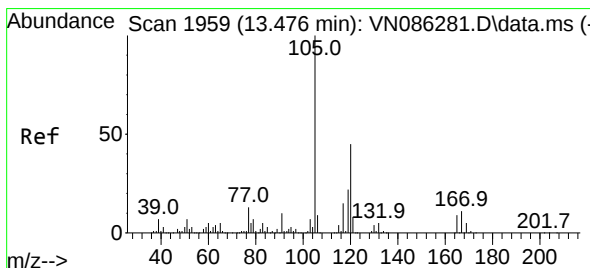
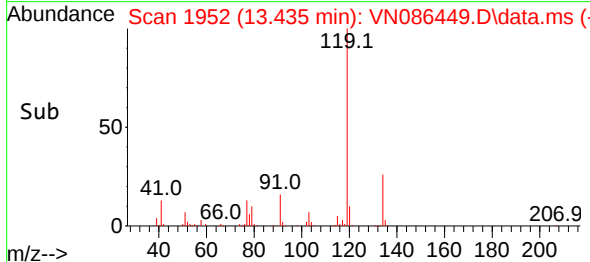
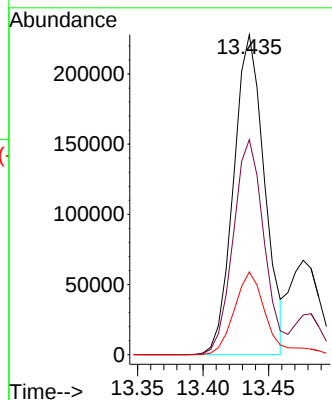
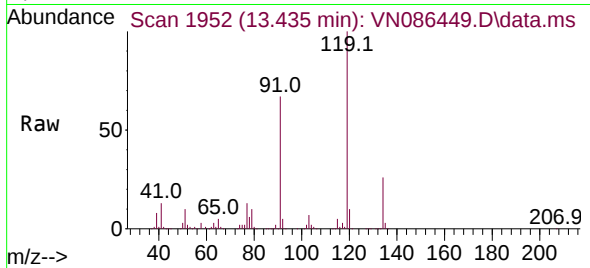




#83
 tert-Butylbenzene
 Concen: 44.569 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN086449.D
 Acq: 30 Apr 2025 20:19

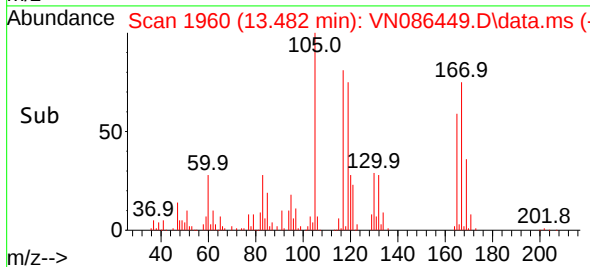
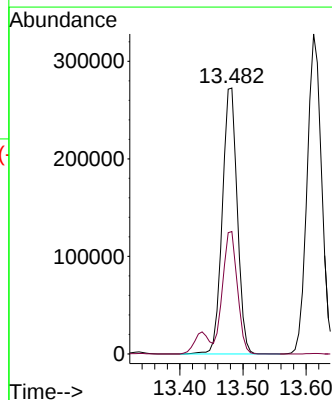
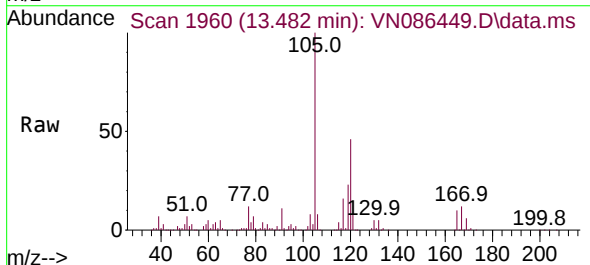
Instrument :
 MSVOA_N
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 VSTDCCC050EC

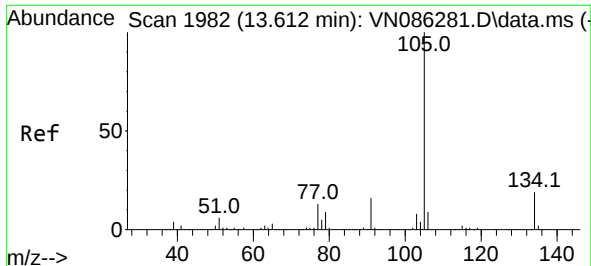
Tgt Ion:119 Resp: 374336
 Ion Ratio Lower Upper
 119 100
 91 67.7 34.4 103.3
 134 26.8 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 45.375 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN086449.D
 Acq: 30 Apr 2025 20:19

Tgt Ion:105 Resp: 447705
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.3

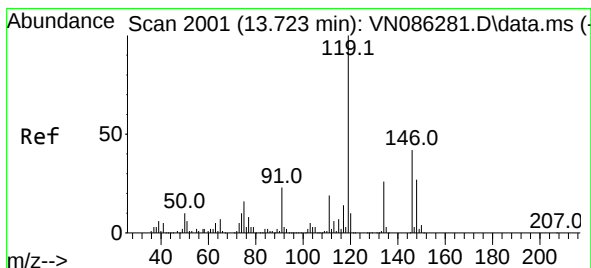
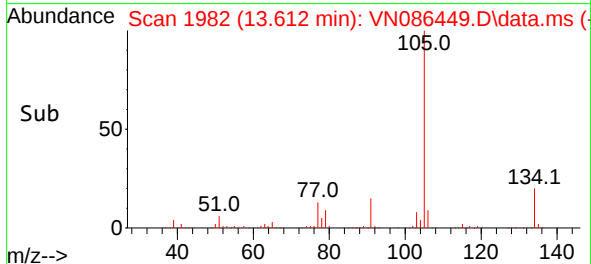
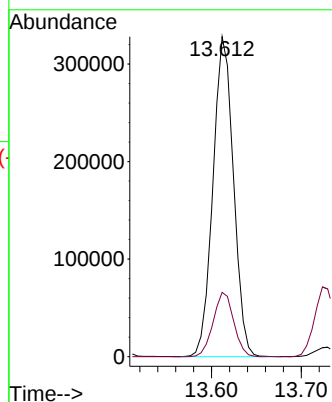
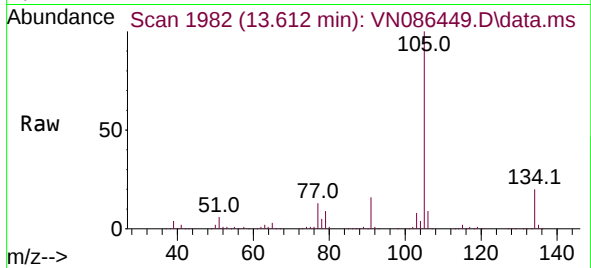




#85
 sec-Butylbenzene
 Concen: 44.723 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086449.D
 Acq: 30 Apr 2025 20:19

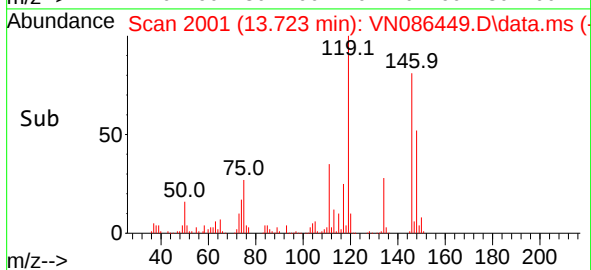
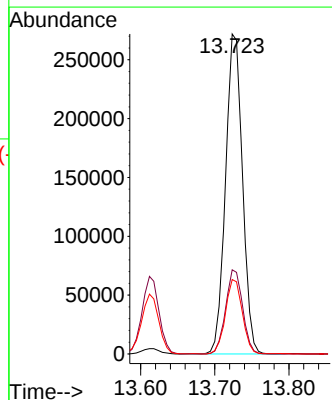
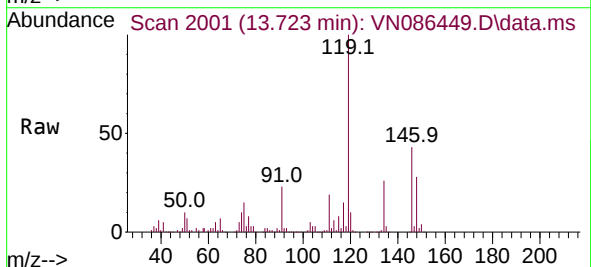
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

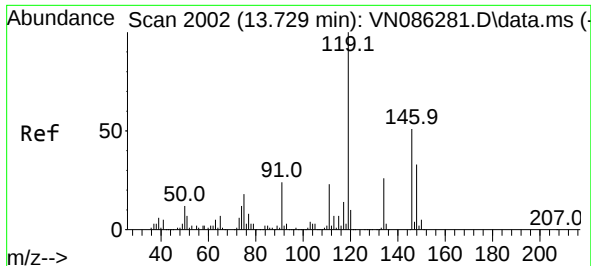
Tgt Ion:105 Resp: 521025
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 45.020 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086449.D
 Acq: 30 Apr 2025 20:19

Tgt Ion:119 Resp: 432307
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.3 11.9 35.9

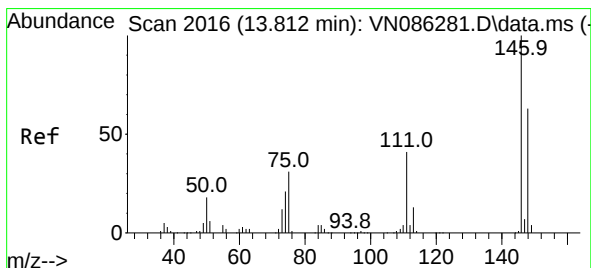
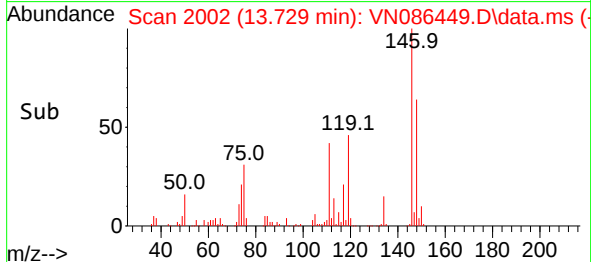
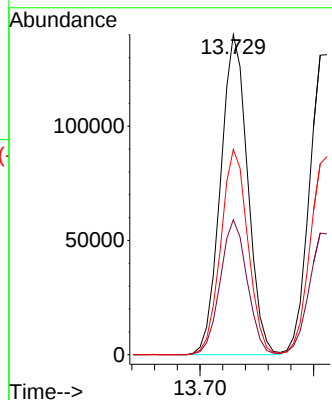
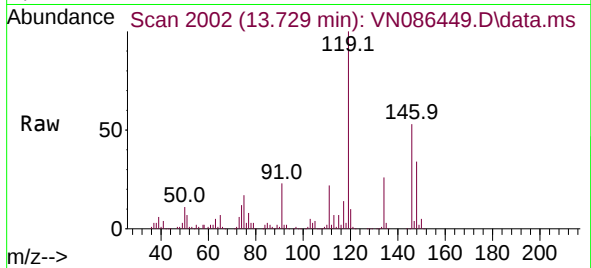




#87
1,3-Dichlorobenzene
Concen: 47.044 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

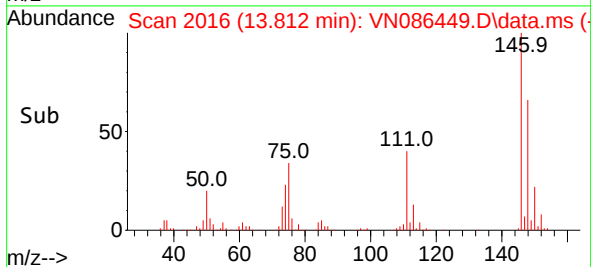
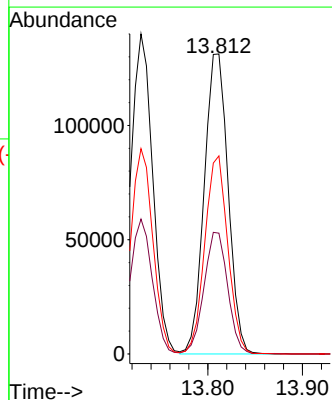
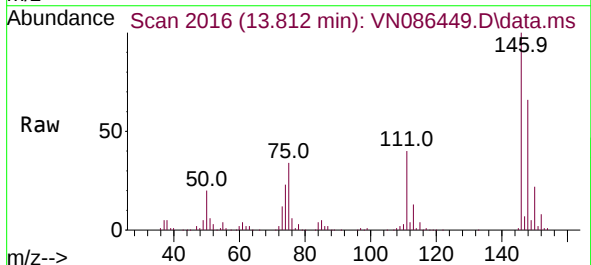
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

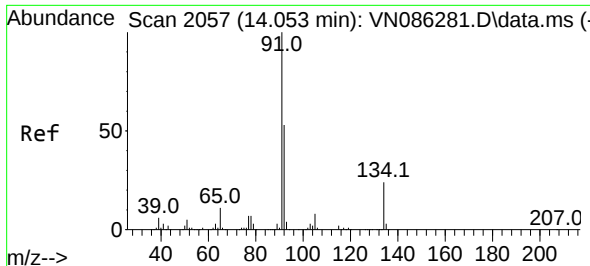
Tgt Ion:146 Resp: 232066
Ion Ratio Lower Upper
146 100
111 42.0 21.9 65.7
148 64.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 46.322 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion:146 Resp: 230154
Ion Ratio Lower Upper
146 100
111 40.4 21.3 63.9
148 63.8 31.9 95.9

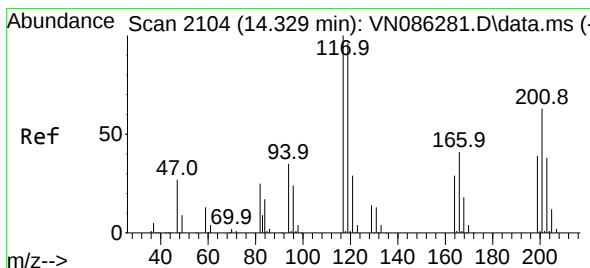
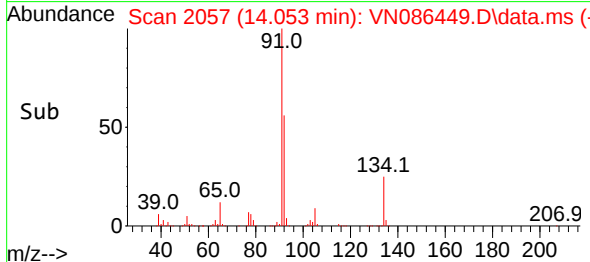
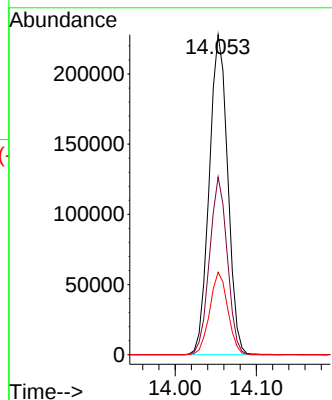
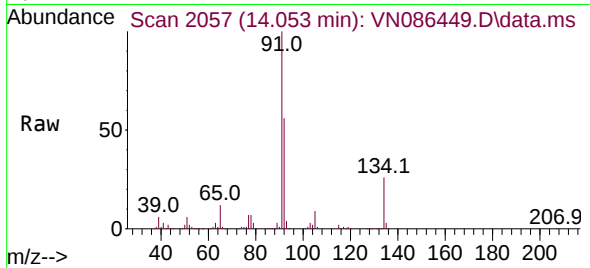




#89
n-Butylbenzene
Concen: 42.257 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

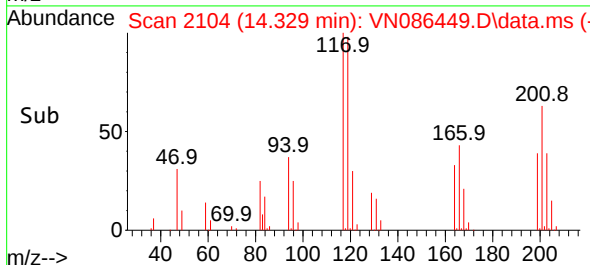
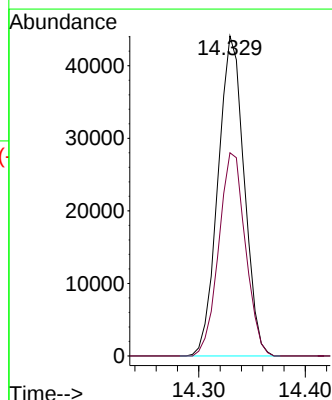
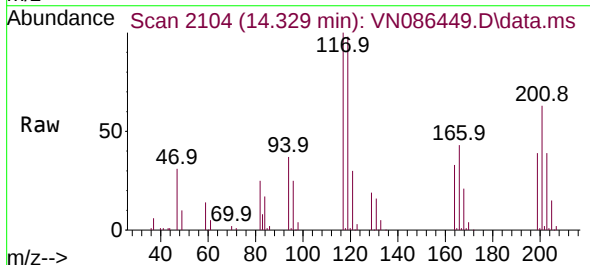
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

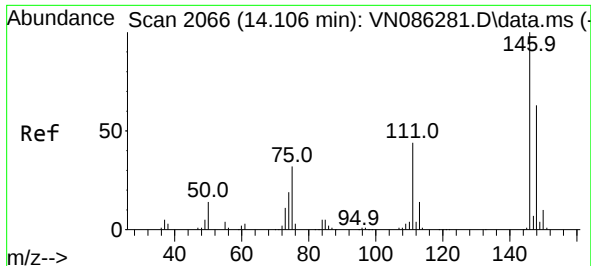
Tgt Ion: 91 Resp: 359671
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.4
134 25.2 12.2 36.6



#90
Hexachloroethane
Concen: 46.514 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion: 117 Resp: 75129
Ion Ratio Lower Upper
117 100
201 64.8 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 46.373 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

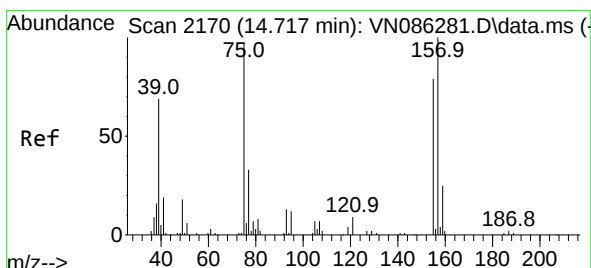
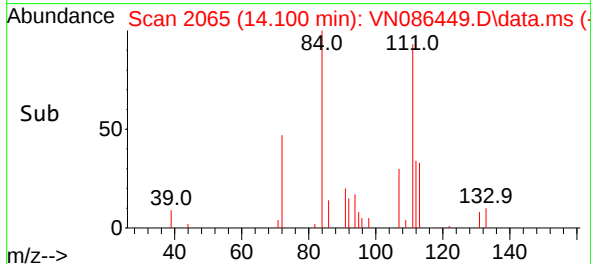
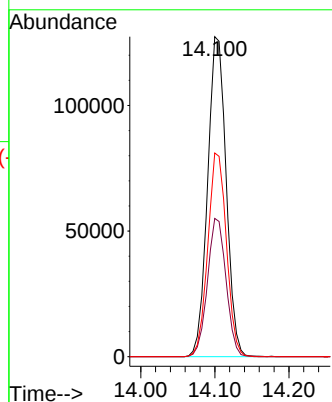
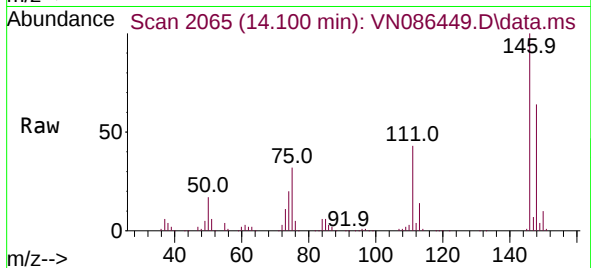
Tgt Ion:146 Resp: 221784

Ion Ratio Lower Upper

146 100

111 43.3 22.4 67.0

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.058 ug/l

RT: 14.718 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN086449.D

Acq: 30 Apr 2025 20:19

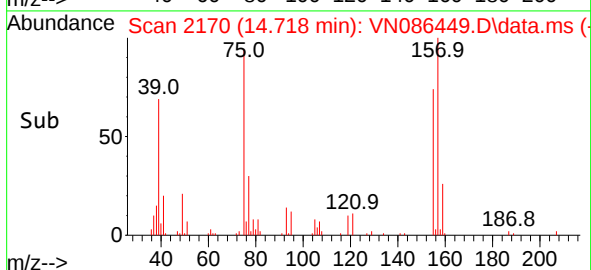
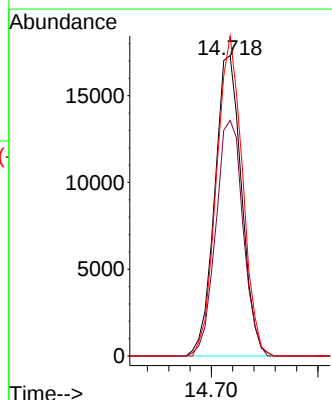
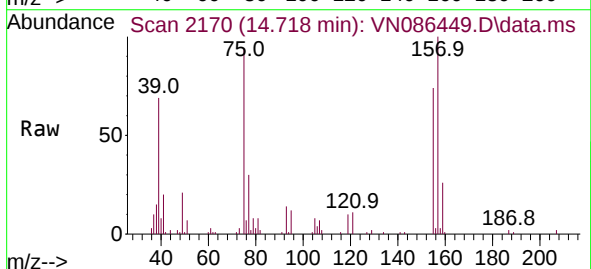
Tgt Ion: 75 Resp: 30251

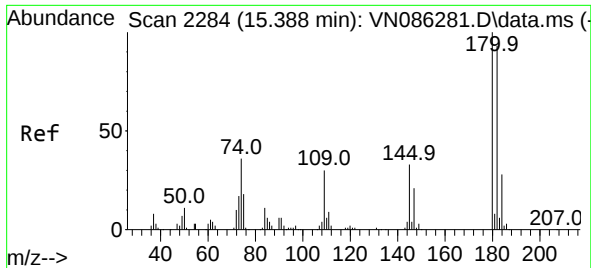
Ion Ratio Lower Upper

75 100

155 79.9 40.3 120.9

157 102.9 49.0 147.2

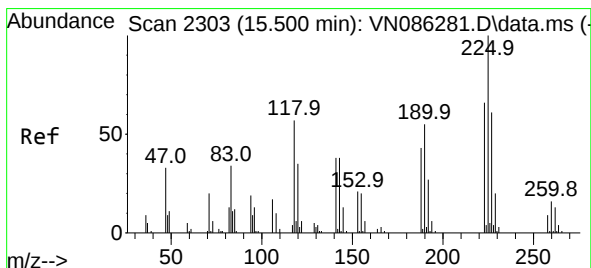
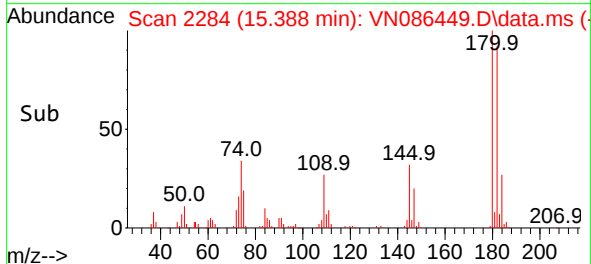
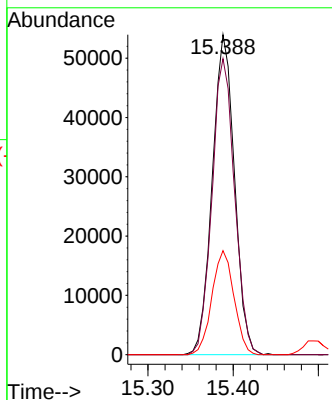
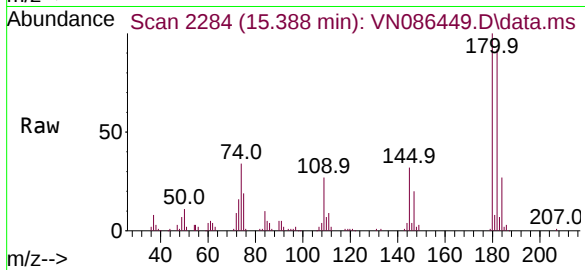




#93
 1,2,4-Trichlorobenzene
 Concen: 42.698 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN086449.D
 Acq: 30 Apr 2025 20:19

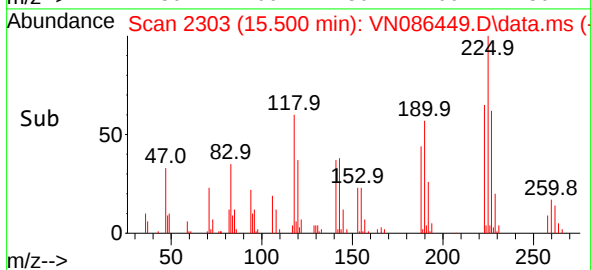
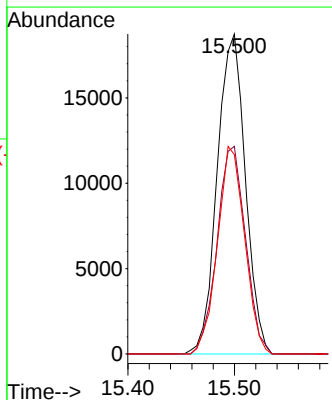
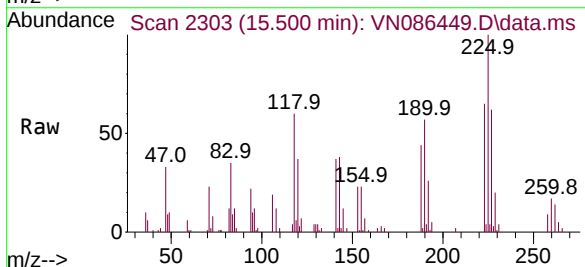
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

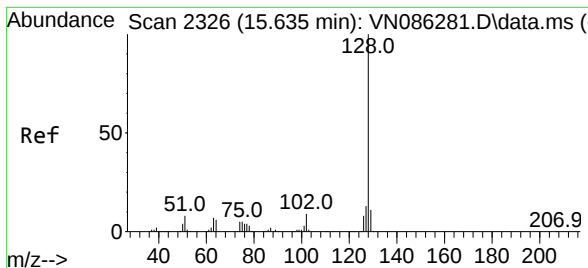
Tgt Ion:180 Resp: 97785
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.0 141.0
 145 32.3 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 39.762 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN086449.D
 Acq: 30 Apr 2025 20:19

Tgt Ion:225 Resp: 34374
 Ion Ratio Lower Upper
 225 100
 223 65.5 32.8 98.3
 227 62.6 31.4 94.0

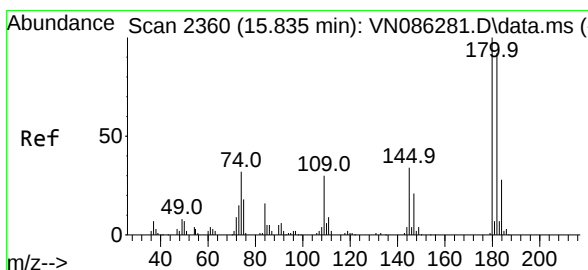
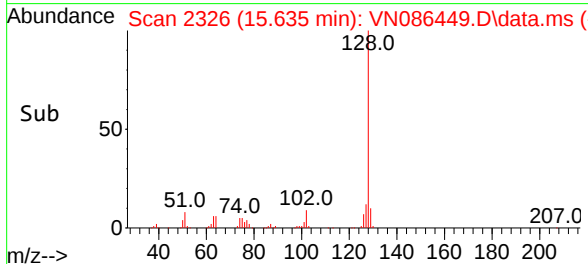
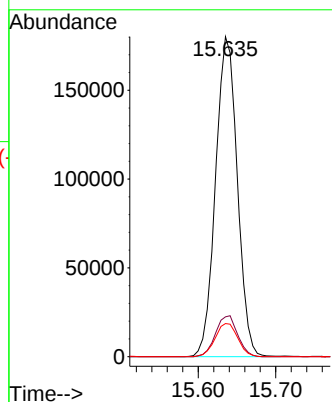
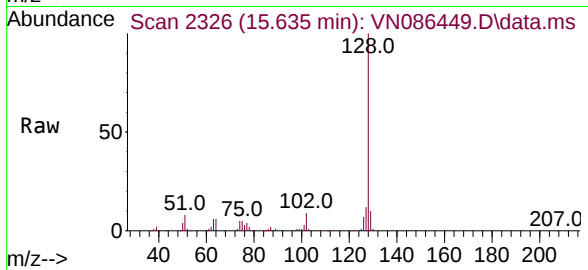




#95
Naphthalene
Concen: 43.299 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	351506
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.8	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 43.873 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086449.D
Acq: 30 Apr 2025 20:19

Tgt Ion:	180	Resp:	95125
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.3	142.0
145	33.2	17.2	51.5

