

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111825\
 Data File : VN088305.D
 Acq On : 18 Nov 2025 09:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 19 03:29:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	247831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	447891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	394737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	200049	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	211896	49.445	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.880%
35) Dibromofluoromethane	8.147	113	149763	49.772	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.540%
50) Toluene-d8	10.547	98	521105	44.946	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.900%
62) 4-Bromofluorobenzene	12.829	95	190164	46.443	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	123185	44.065	ug/l	95
3) Chloromethane	2.383	50	148090	45.028	ug/l	98
4) Vinyl Chloride	2.536	62	162046	45.221	ug/l	98
5) Bromomethane	2.971	94	94188	43.944	ug/l	90
6) Chloroethane	3.136	64	106751	41.347	ug/l	95
7) Trichlorofluoromethane	3.512	101	243420	42.590	ug/l	95
8) Diethyl Ether	3.959	74	102043	48.039	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	135432	45.921	ug/l	97
10) Methyl Iodide	4.589	142	140811	52.243	ug/l	97
11) Tert butyl alcohol	5.518	59	167756	227.219	ug/l	98
12) 1,1-Dichloroethene	4.336	96	129393	41.539	ug/l	97
13) Acrolein	4.177	56	246893	297.297	ug/l	100
14) Allyl chloride	5.012	41	244714	44.821	ug/l	95
15) Acrylonitrile	5.706	53	535302	266.174	ug/l	99
16) Acetone	4.424	43	602535	279.860	ug/l	98
17) Carbon Disulfide	4.706	76	377390	39.855	ug/l	99
18) Methyl Acetate	5.018	43	257949	58.522	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	580846	50.775	ug/l	100
20) Methylene Chloride	5.265	84	171633	47.490	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	152595	44.630	ug/l	99
22) Diisopropyl ether	6.659	45	606885	52.854	ug/l	99
23) Vinyl Acetate	6.589	43	2770618	267.873	ug/l	100
24) 1,1-Dichloroethane	6.553	63	324574	51.030	ug/l	97
25) 2-Butanone	7.471	43	788894	278.043	ug/l	96
26) 2,2-Dichloropropane	7.471	77	277014	47.926	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	188510	47.892	ug/l	95
28) Bromochloromethane	7.794	49	161561	53.758	ug/l	95
29) Tetrahydrofuran	7.818	42	490049	265.022	ug/l	97
30) Chloroform	7.947	83	328880	51.758	ug/l	96
31) Cyclohexane	8.236	56	261990	43.674	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	274472	48.499	ug/l	99
36) 1,1-Dichloropropene	8.353	75	216053	49.177	ug/l	99
37) Ethyl Acetate	7.547	43	311659	54.970	ug/l	98
38) Carbon Tetrachloride	8.341	117	235428	51.883	ug/l	97
39) Methylcyclohexane	9.577	83	239517	42.413	ug/l	98
40) Benzene	8.583	78	675873	50.514	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	158698	53.183	ug/l	99
42) 1,2-Dichloroethane	8.653	62	263155	55.353	ug/l	100
43) Isopropyl Acetate	8.671	43	484125	55.570	ug/l	100
44) Trichloroethene	9.330	130	151713	48.511	ug/l	96
45) 1,2-Dichloropropane	9.600	63	183315	54.269	ug/l	95
46) Dibromomethane	9.688	93	129865	53.905	ug/l	97
47) Bromodichloromethane	9.865	83	268834	55.736	ug/l	93
48) Methyl methacrylate	9.659	41	226146	56.224	ug/l	98
49) 1,4-Dioxane	9.677	88	50830	1016.079	ug/l #	93
51) 4-Methyl-2-Pentanone	10.424	43	1513565	293.672	ug/l	99
52) Toluene	10.606	92	395853	47.986	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	277502	54.056	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	296474	54.424	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	161350	51.554	ug/l	95
56) Ethyl methacrylate	10.853	69	272464	55.012	ug/l	98
57) 1,3-Dichloropropane	11.141	76	299963	54.528	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	821235	318.775	ug/l	99
59) 2-Hexanone	11.177	43	1058140	309.488	ug/l	98
60) Dibromochloromethane	11.335	129	189365	53.233	ug/l	99
61) 1,2-Dibromoethane	11.447	107	167377	51.965	ug/l	100
64) Tetrachloroethene	11.082	164	124202	47.701	ug/l	95
65) Chlorobenzene	11.871	112	437698	48.833	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	157770	53.726	ug/l	98
67) Ethyl Benzene	11.941	91	764204	48.572	ug/l	99
68) m/p-Xylenes	12.047	106	571892	97.013	ug/l	100
69) o-Xylene	12.376	106	278855	49.900	ug/l	99
70) Styrene	12.388	104	476034	52.239	ug/l	98
71) Bromoform	12.559	173	121321	55.361	ug/l #	100
73) Isopropylbenzene	12.671	105	725173	47.000	ug/l	99
74) N-amyl acetate	12.506	43	168386	38.445	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.918	83	251993	52.459	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	340413	74.428	ug/l	60
77) Bromobenzene	12.959	156	169153	50.840	ug/l	97
78) n-propylbenzene	13.012	91	911324	48.400	ug/l	99
79) 2-Chlorotoluene	13.100	91	535281	49.850	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	627908	49.001	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	82067	50.053	ug/l	98
82) 4-Chlorotoluene	13.200	91	564587	48.599	ug/l	100
83) tert-Butylbenzene	13.418	119	531261	46.411	ug/l	100
84) 1,2,4-Trimethylbenzene	13.459	105	633859	49.440	ug/l	100
85) sec-Butylbenzene	13.594	105	772573	45.938	ug/l	100
86) p-Isopropyltoluene	13.706	119	650287	48.201	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	333917	50.274	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	337779	47.349	ug/l	99
89) n-Butylbenzene	14.035	91	629147	47.079	ug/l	100
90) Hexachloroethane	14.312	117	127540	48.817	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	316252	49.395	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	57532	51.457	ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	185655	47.880	ug/l	99
94) Hexachlorobutadiene	15.470	225	69036	47.811	ug/l	98
95) Naphthalene	15.612	128	650889	49.001	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	177223	47.668	ug/l	98

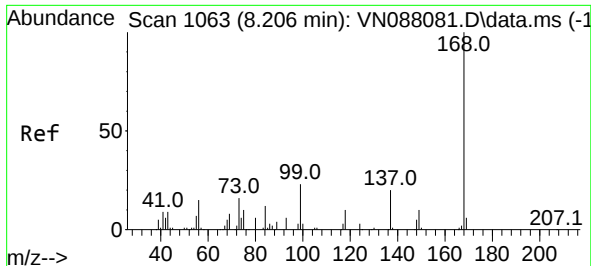
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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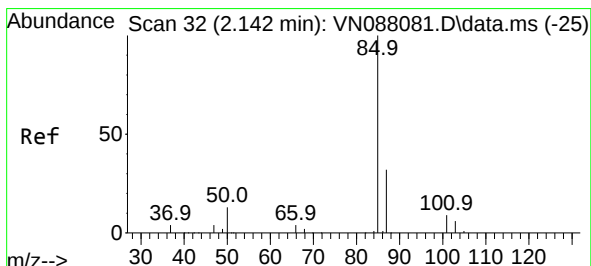
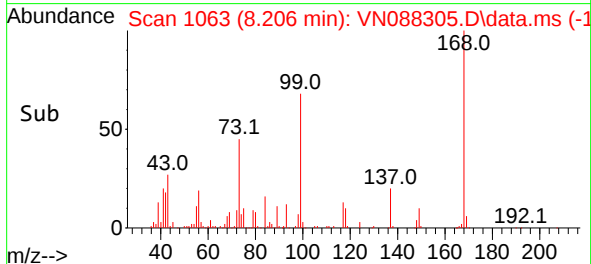
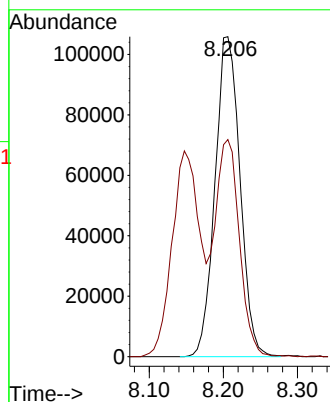
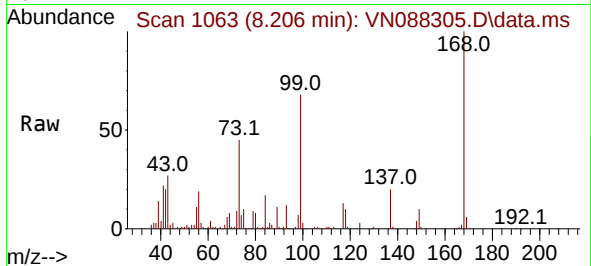
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

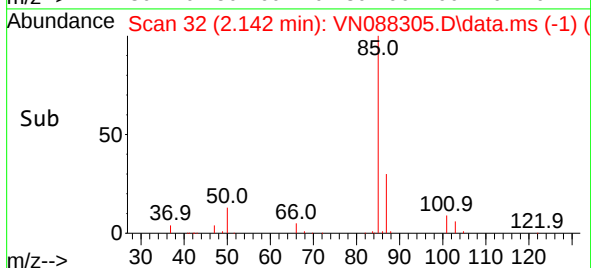
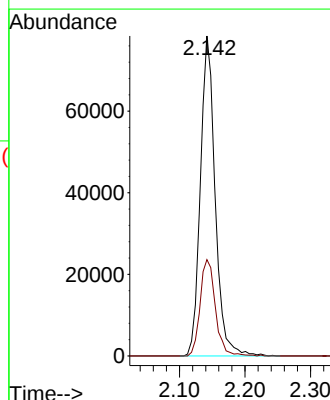
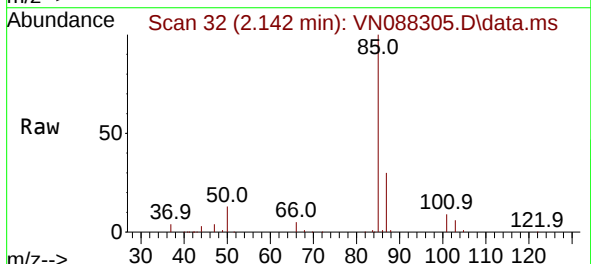
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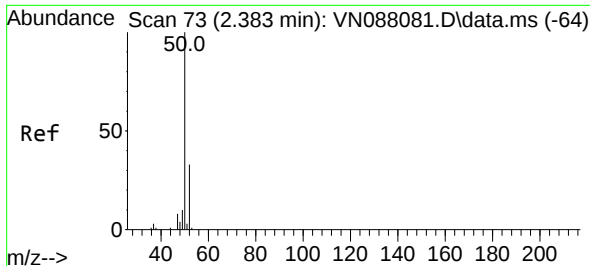
Tgt Ion:168 Resp: 247831
Ion Ratio Lower Upper
168 100
99 67.5 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 44.065 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 85 Resp: 123185
Ion Ratio Lower Upper
85 100
87 30.1 16.6 49.8

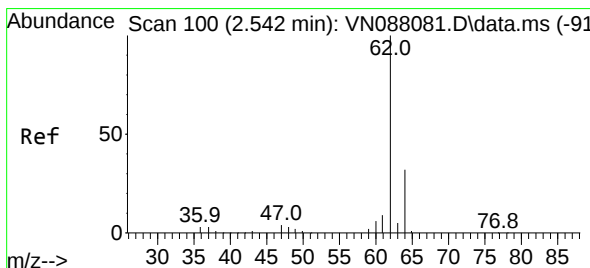
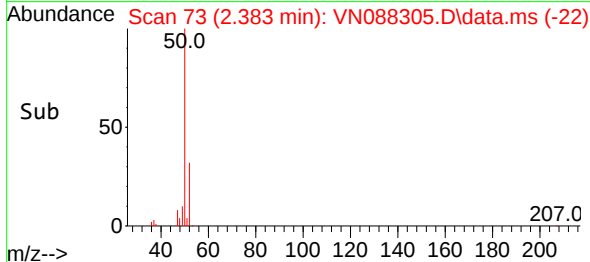
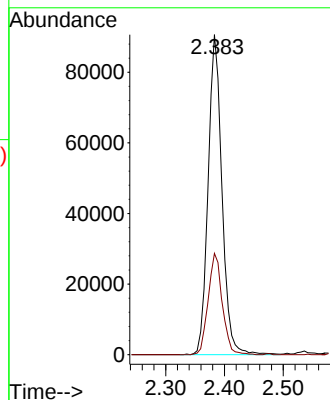
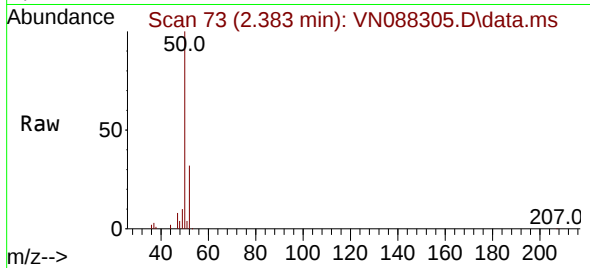




#3
Chloromethane
Concen: 45.028 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

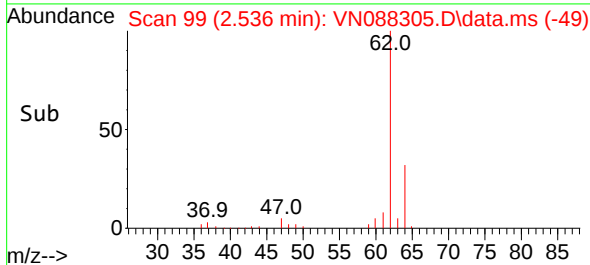
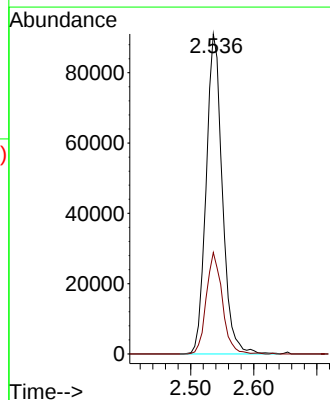
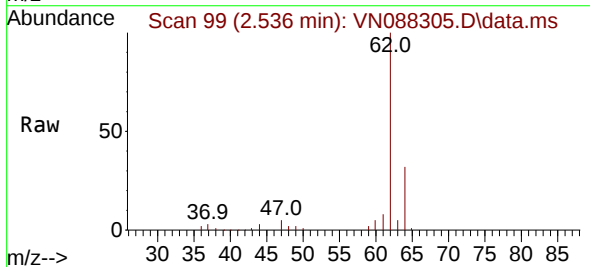
Instrument :
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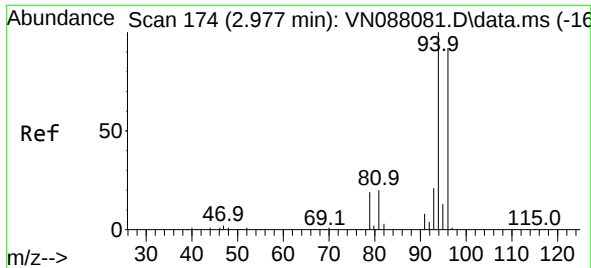
Tgt Ion: 50 Resp: 148090
Ion Ratio Lower Upper
50 100
52 31.7 26.2 39.4



#4
Vinyl Chloride
Concen: 45.221 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 62 Resp: 162046
Ion Ratio Lower Upper
62 100
64 31.7 24.6 37.0

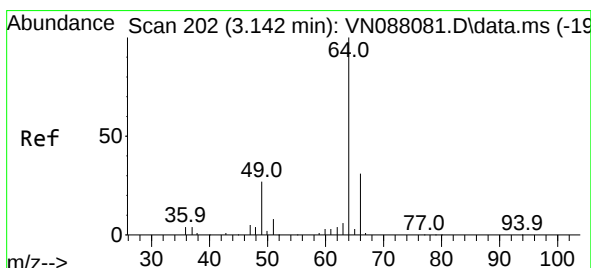
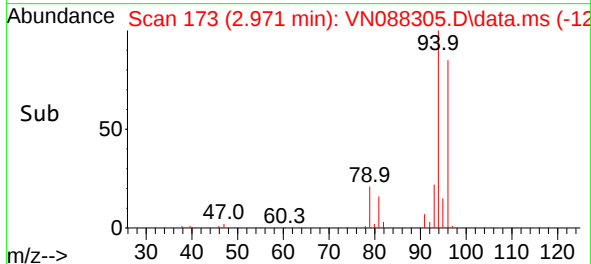
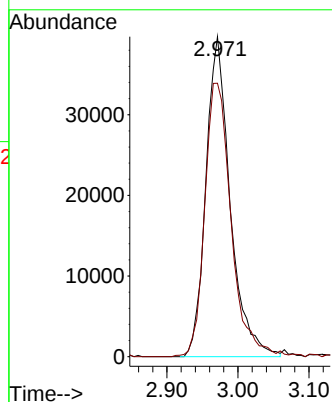
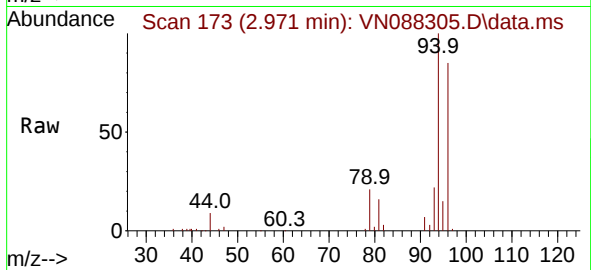




#5
Bromomethane
Concen: 43.944 ug/l
RT: 2.971 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

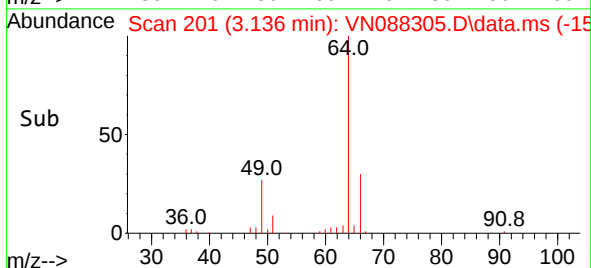
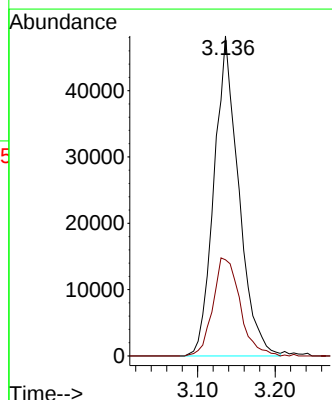
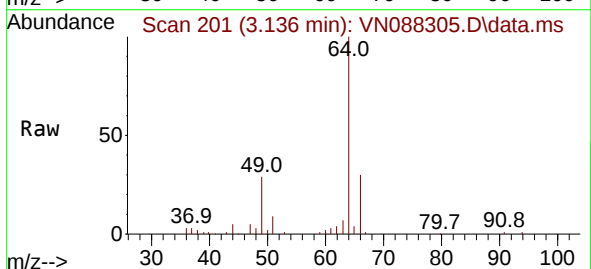
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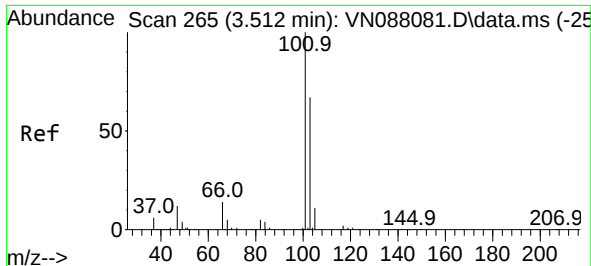
Tgt Ion: 94 Resp: 94188
Ion Ratio Lower Upper
94 100
96 85.0 75.4 113.2



#6
Chloroethane
Concen: 41.347 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 64 Resp: 106751
Ion Ratio Lower Upper
64 100
66 30.1 26.2 39.2

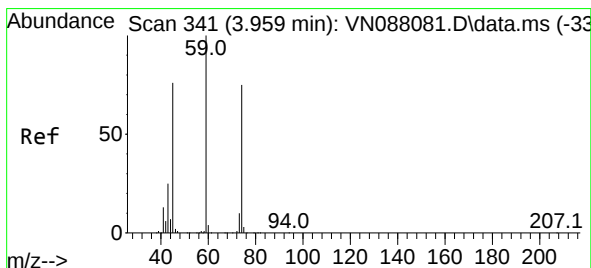
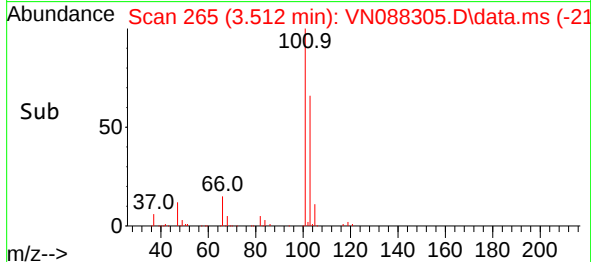
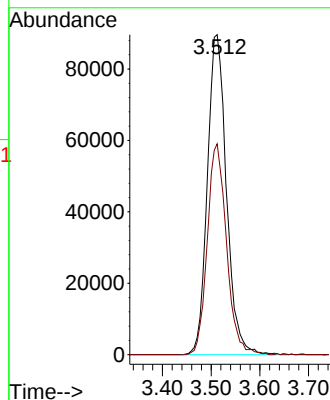
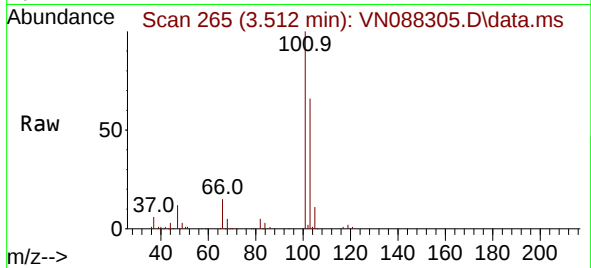




#7
Trichlorofluoromethane
Concen: 42.590 ug/l
RT: 3.512 min Scan# 265
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

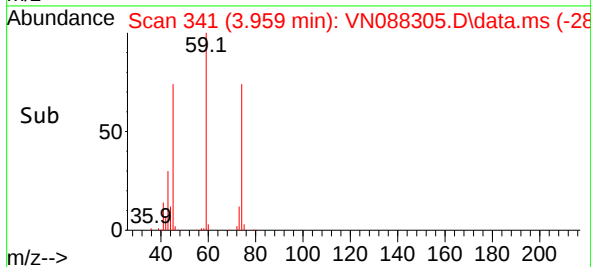
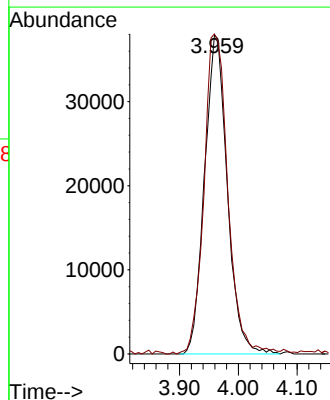
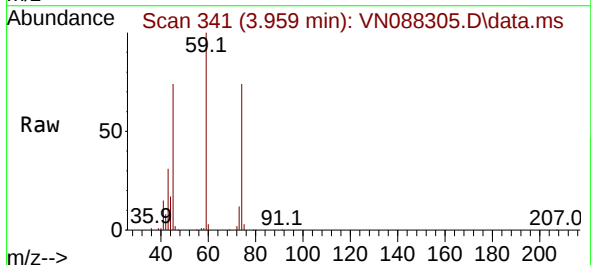
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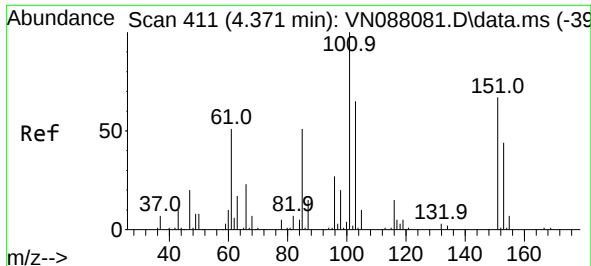
Tgt Ion:101 Resp: 243420
Ion Ratio Lower Upper
101 100
103 65.9 49.4 74.0



#8
Diethyl Ether
Concen: 48.039 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 74 Resp: 102043
Ion Ratio Lower Upper
74 100
45 105.2 50.6 151.9

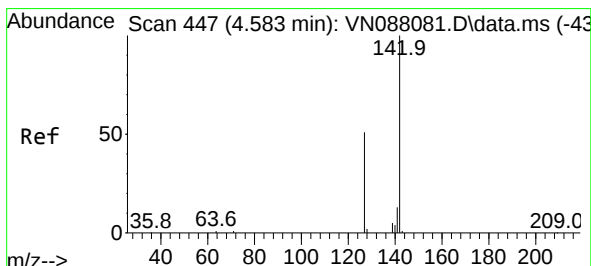
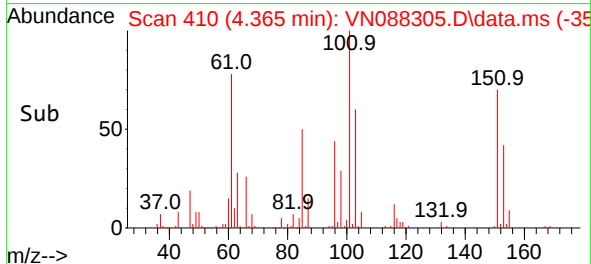
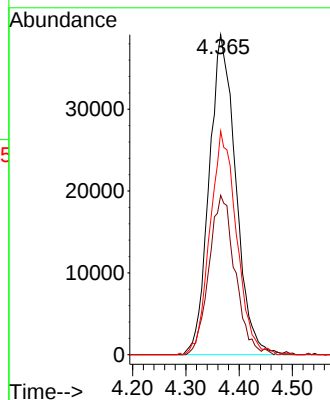
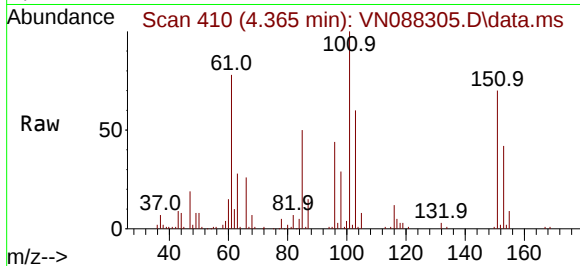




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.921 ug/l
 RT: 4.365 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN088305.D
 Acq: 18 Nov 2025 09:47

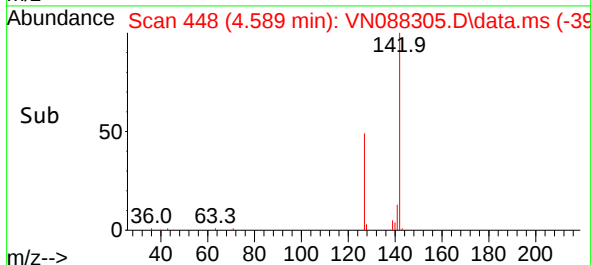
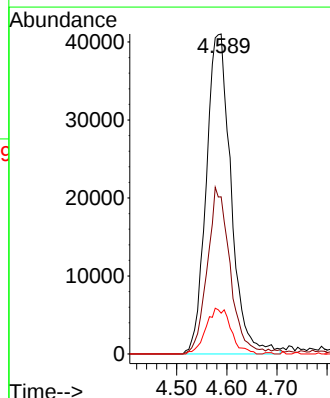
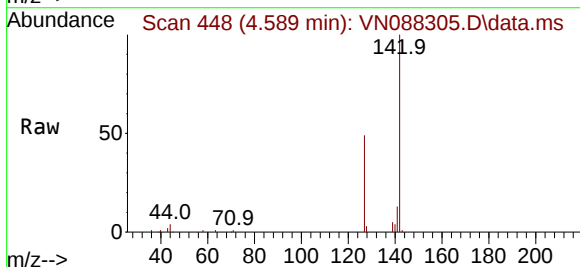
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

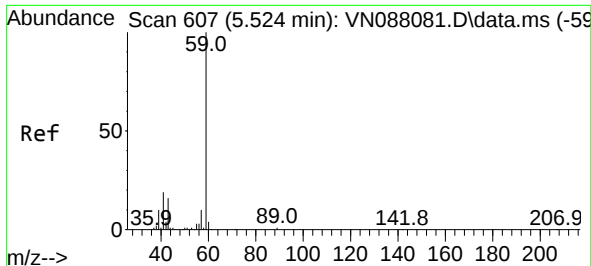
Tgt Ion:101 Resp: 135432
 Ion Ratio Lower Upper
 101 100
 85 49.0 36.6 55.0
 151 70.1 54.7 82.1



#10
 Methyl Iodide
 Concen: 52.243 ug/l
 RT: 4.589 min Scan# 448
 Delta R.T. 0.012 min
 Lab File: VN088305.D
 Acq: 18 Nov 2025 09:47

Tgt Ion:142 Resp: 140811
 Ion Ratio Lower Upper
 142 100
 127 49.1 38.0 57.0
 141 12.7 12.0 18.0

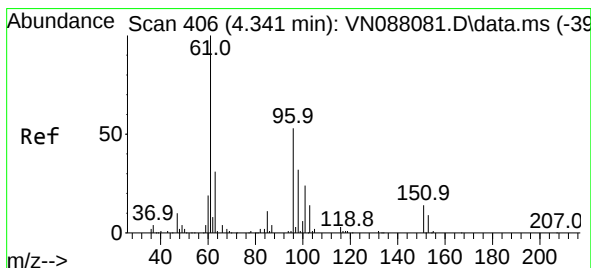
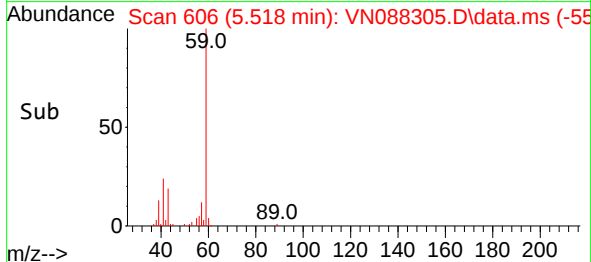
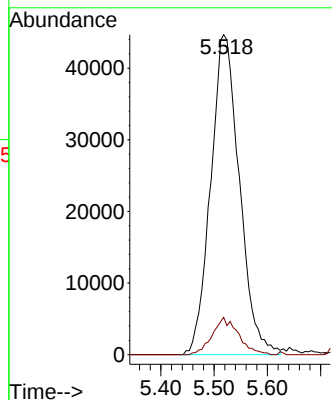
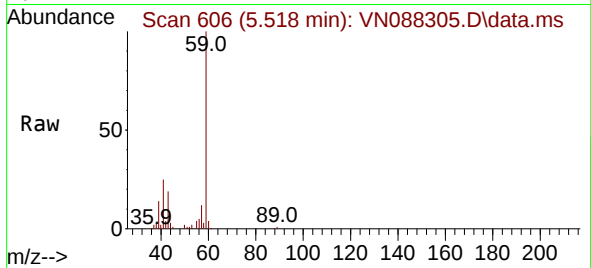




#11
Tert butyl alcohol
Concen: 227.219 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

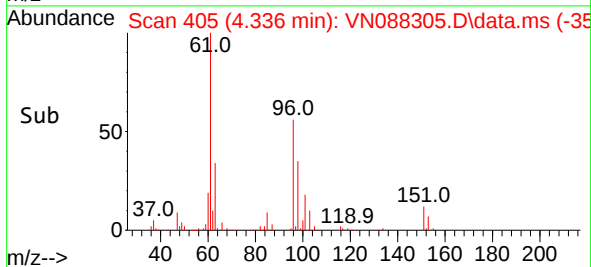
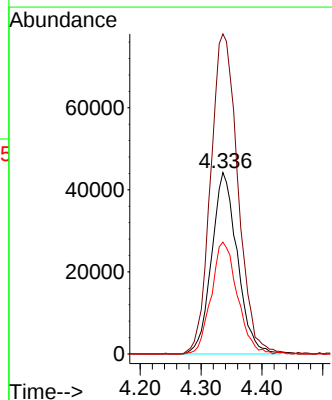
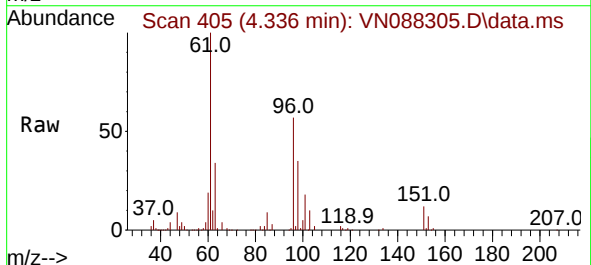
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

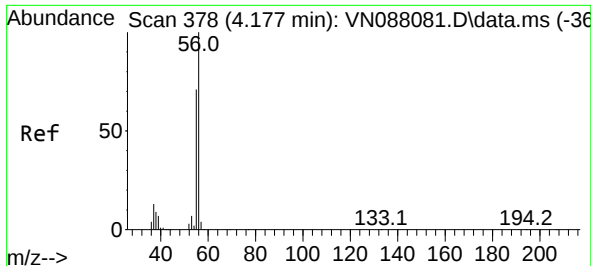
Tgt Ion: 59 Resp: 167756
Ion Ratio Lower Upper
59 100
57 10.6 9.0 13.4



#12
1,1-Dichloroethene
Concen: 41.539 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 96 Resp: 129393
Ion Ratio Lower Upper
96 100
61 176.3 143.8 215.8
98 61.6 52.1 78.1

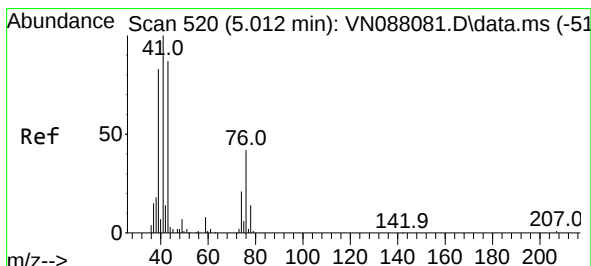
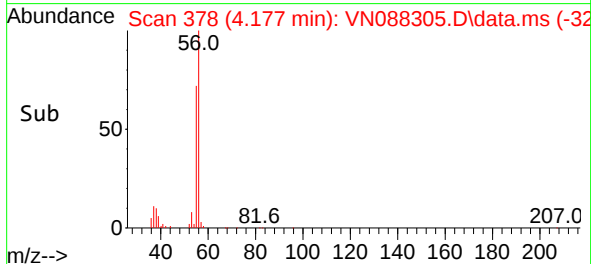
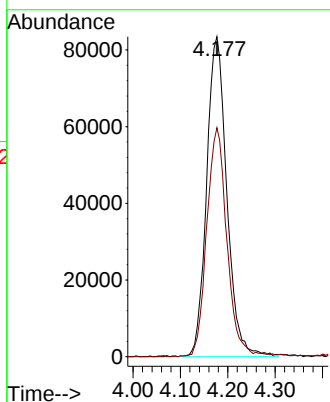
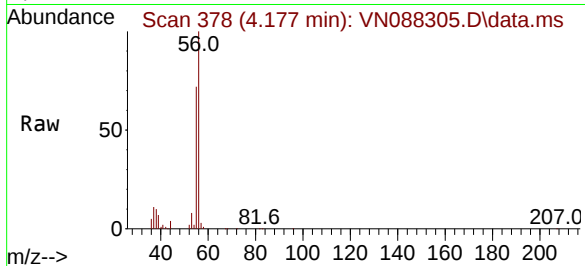




#13
Acrolein
Concen: 297.297 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

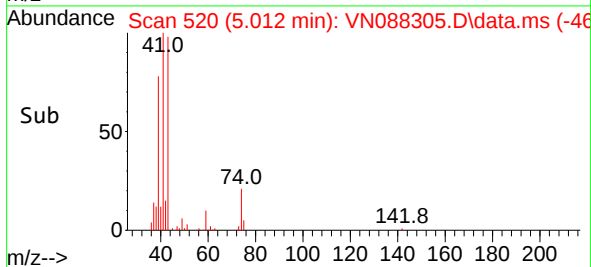
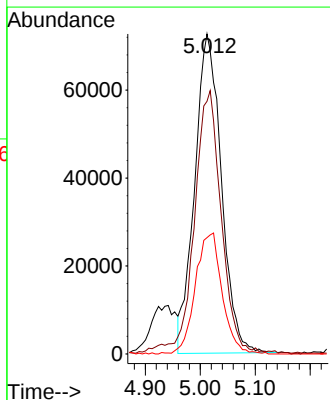
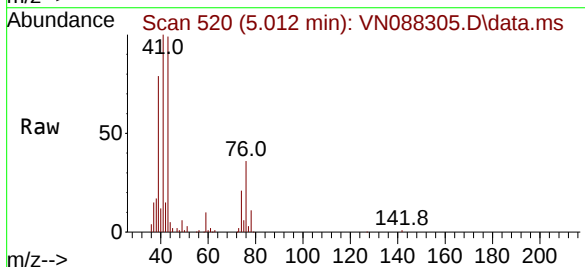
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

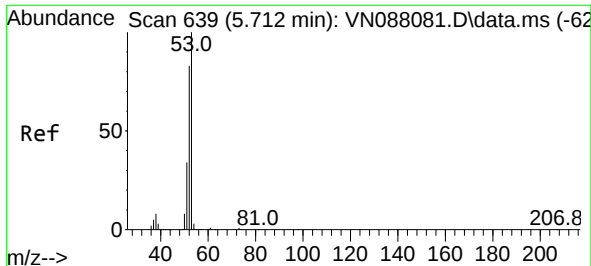
Tgt Ion: 56 Resp: 246893
Ion Ratio Lower Upper
56 100
55 71.8 57.3 85.9



#14
Allyl chloride
Concen: 44.821 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 41 Resp: 244714
Ion Ratio Lower Upper
41 100
39 83.9 63.9 95.9
76 38.2 28.1 42.1

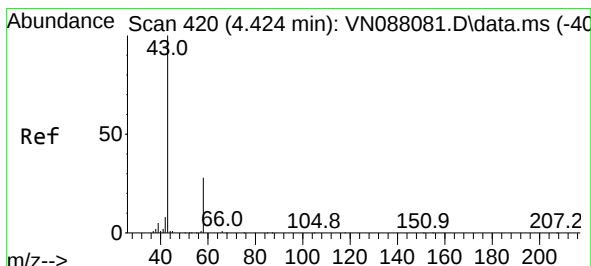
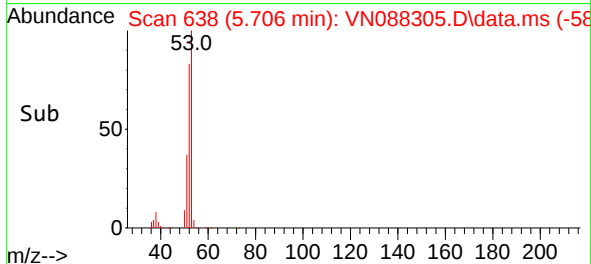
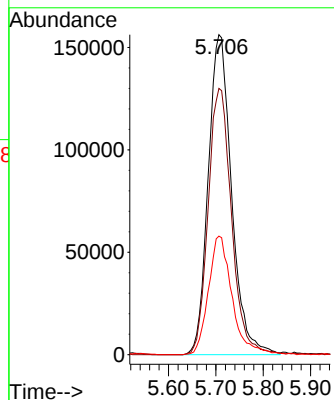
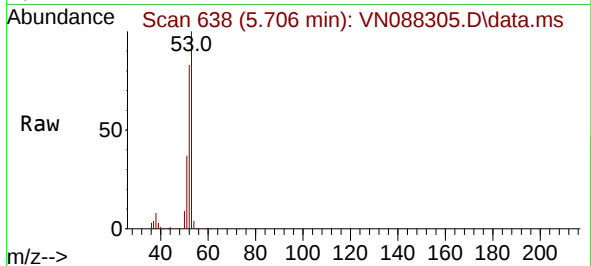




#15
Acrylonitrile
Concen: 266.174 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

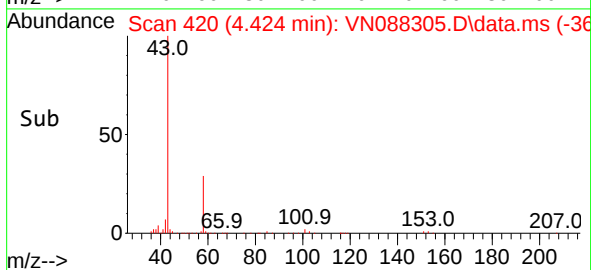
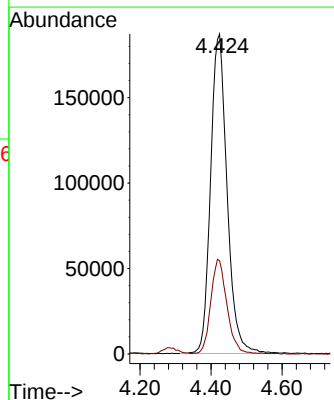
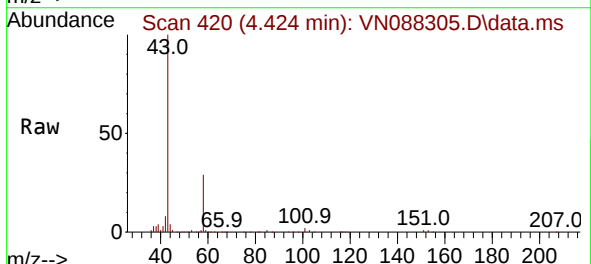
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

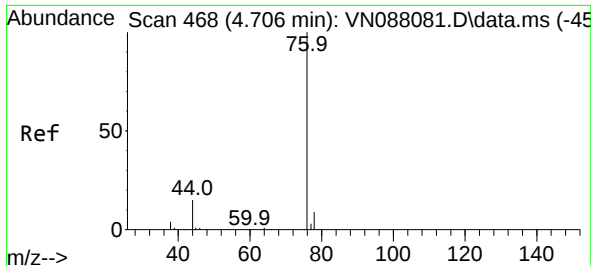
Tgt Ion: 53 Resp: 535302
Ion Ratio Lower Upper
53 100
52 83.4 67.6 101.4
51 37.7 30.1 45.1



#16
Acetone
Concen: 279.860 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 43 Resp: 602535
Ion Ratio Lower Upper
43 100
58 29.1 22.6 33.8

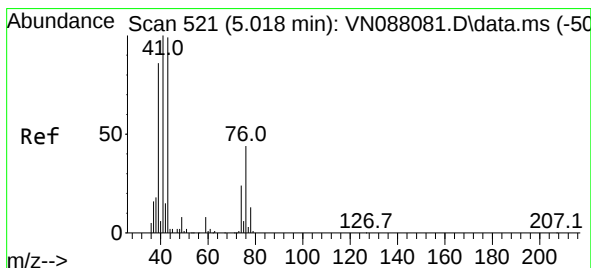
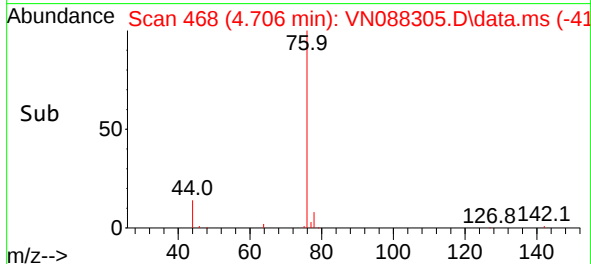
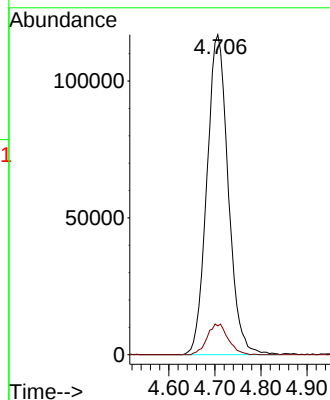
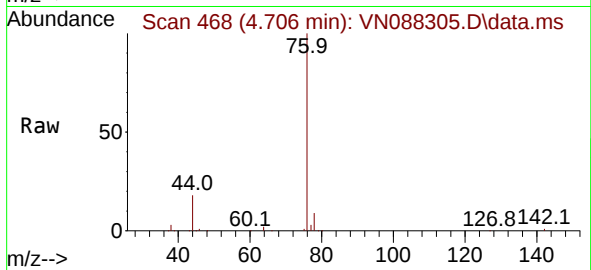




#17
Carbon Disulfide
Concen: 39.855 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

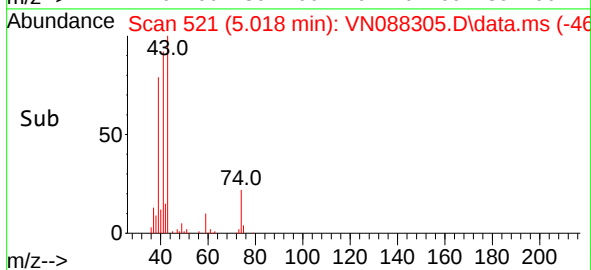
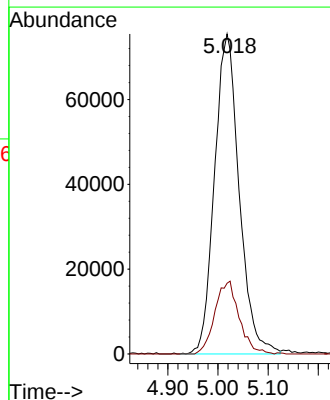
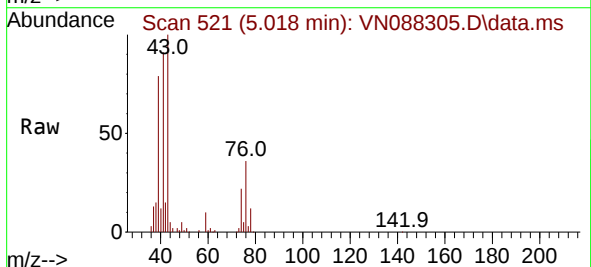
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

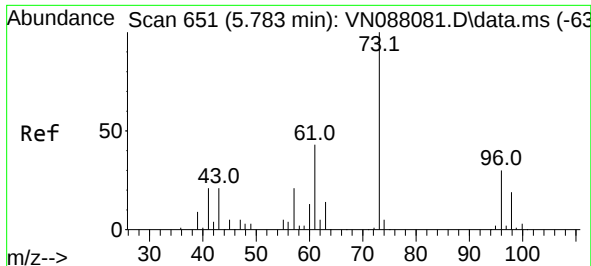
Tgt Ion: 76 Resp: 377390
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 58.522 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 43 Resp: 257949
Ion Ratio Lower Upper
43 100
74 22.3 17.6 26.4

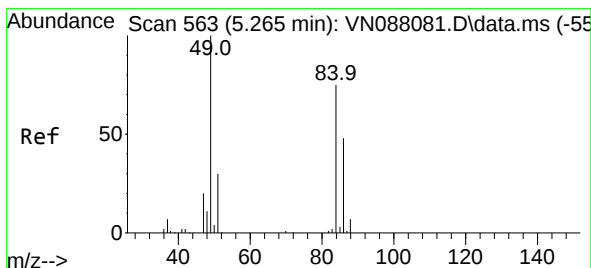
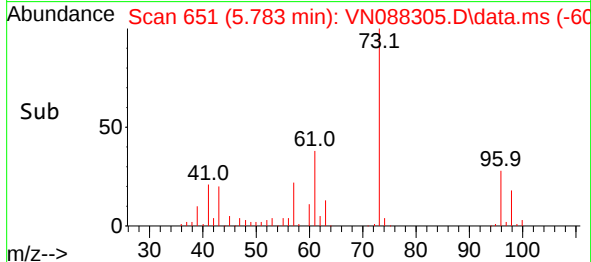
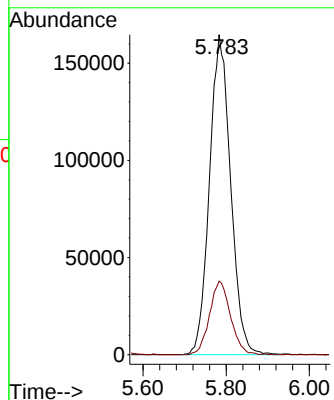
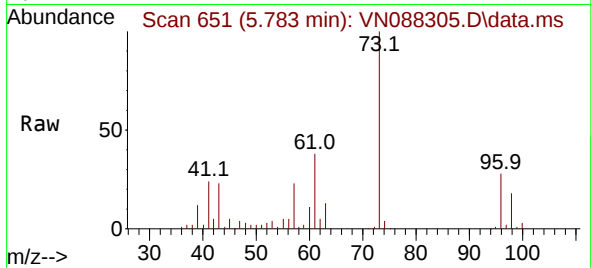




#19
Methyl tert-butyl Ether
Concen: 50.775 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

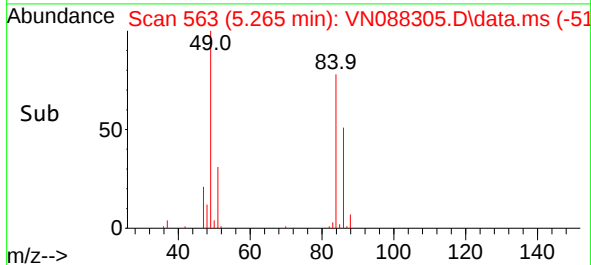
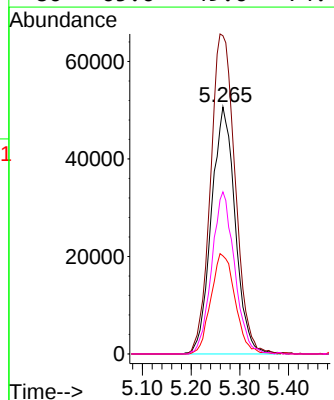
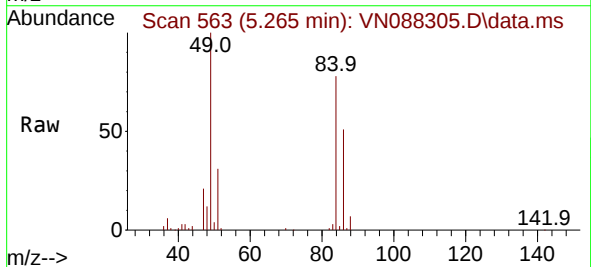
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

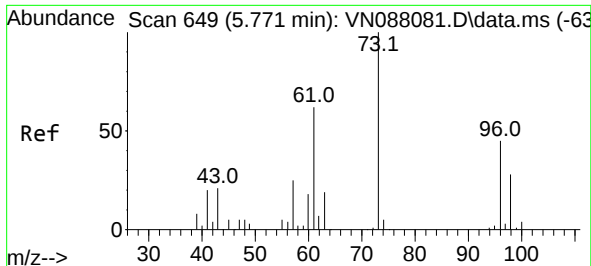
Tgt Ion: 73 Resp: 580846
Ion Ratio Lower Upper
73 100
57 22.9 18.4 27.6



#20
Methylene Chloride
Concen: 47.490 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 84 Resp: 171633
Ion Ratio Lower Upper
84 100
49 128.8 103.4 155.2
51 39.7 33.8 50.8
86 65.6 49.6 74.4

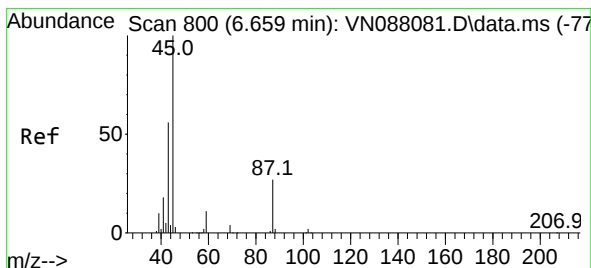
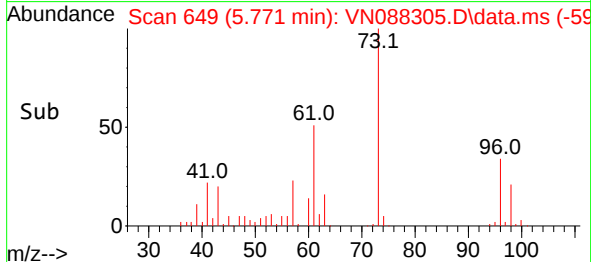
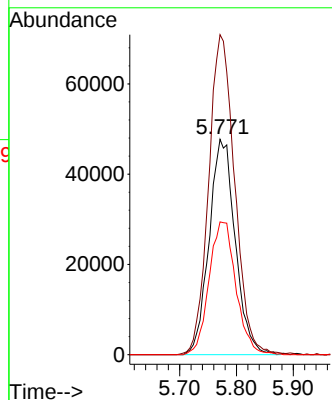
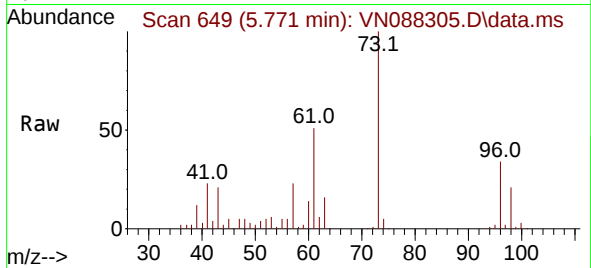




#21
trans-1,2-Dichloroethene
Concen: 44.630 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

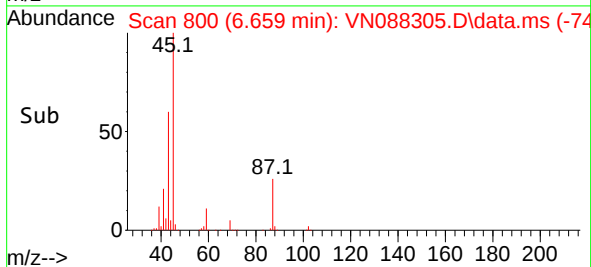
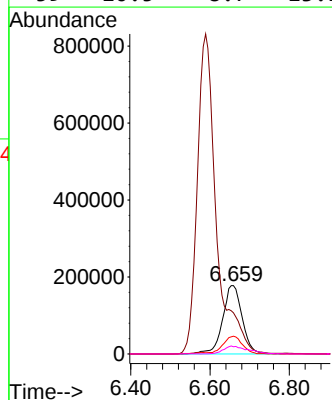
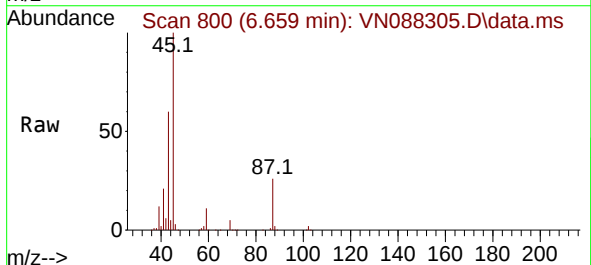
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

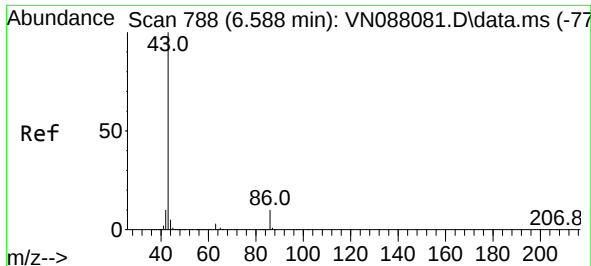
Tgt Ion: 96 Resp: 152595
Ion Ratio Lower Upper
96 100
61 148.2 118.0 177.0
98 61.6 50.0 75.0



#22
Diisopropyl ether
Concen: 52.854 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 45 Resp: 606885
Ion Ratio Lower Upper
45 100
43 59.4 47.7 71.5
87 25.8 21.4 32.0
59 10.5 8.7 13.1

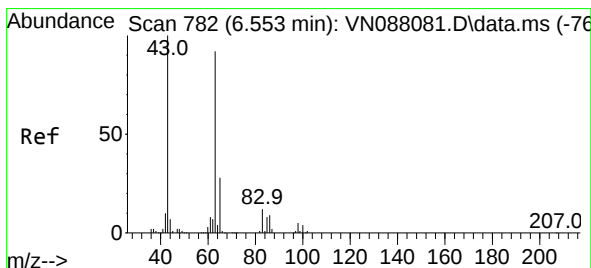
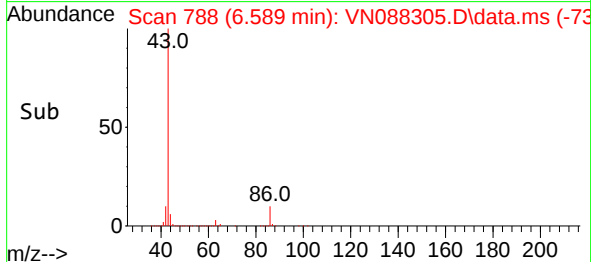
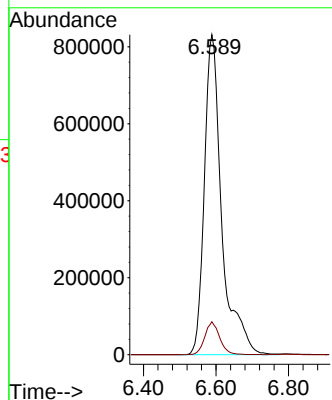
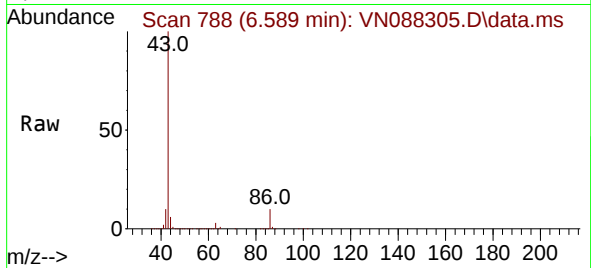




#23
 Vinyl Acetate
 Concen: 267.873 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088305.D
 Acq: 18 Nov 2025 09:47

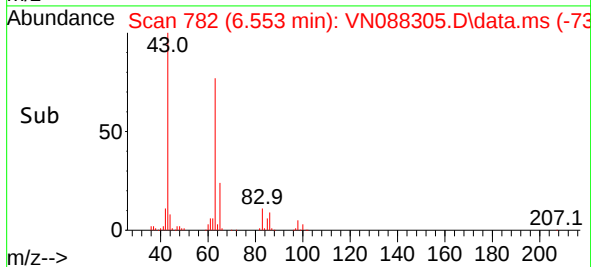
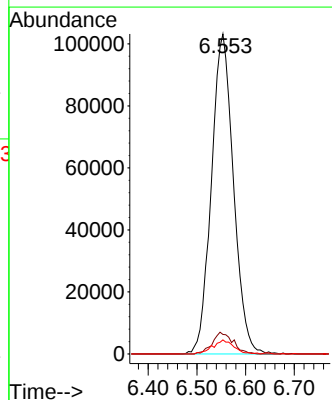
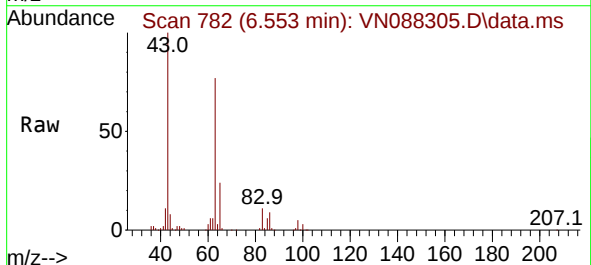
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

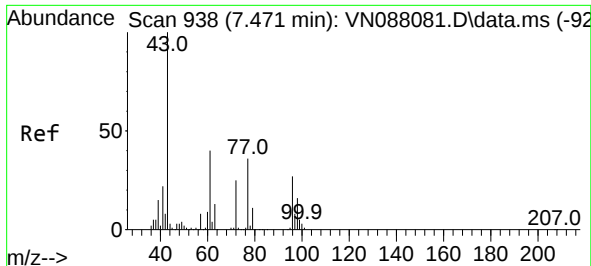
Tgt Ion: 43 Resp: 2770618
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 51.030 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088305.D
 Acq: 18 Nov 2025 09:47

Tgt Ion: 63 Resp: 324574
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.8 11.4
 100 4.4 2.0 6.0

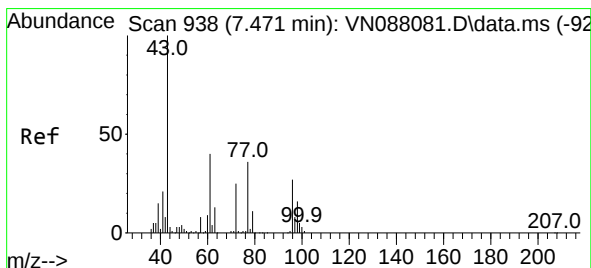
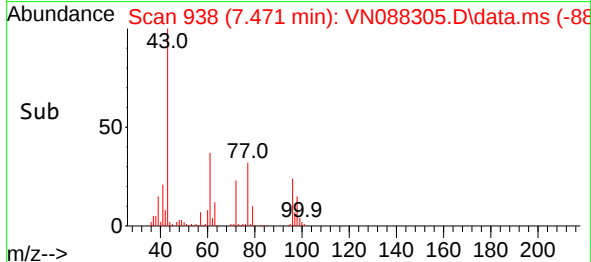
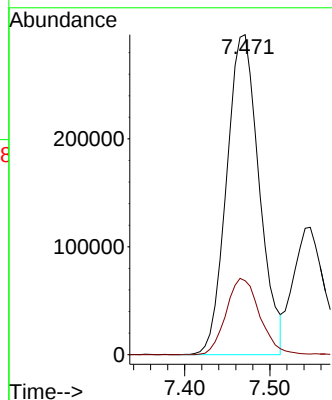
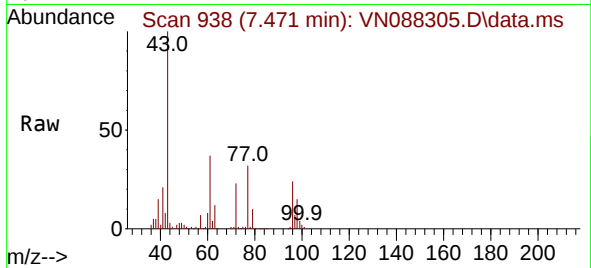




#25
2-Butanone
Concen: 278.043 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

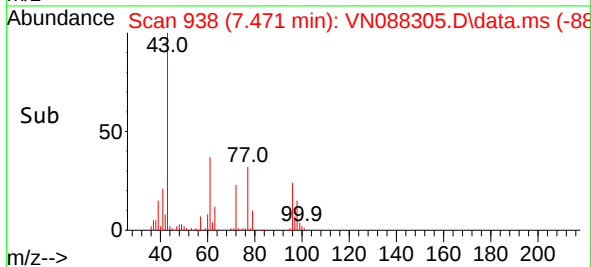
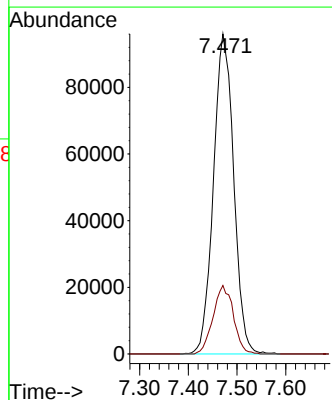
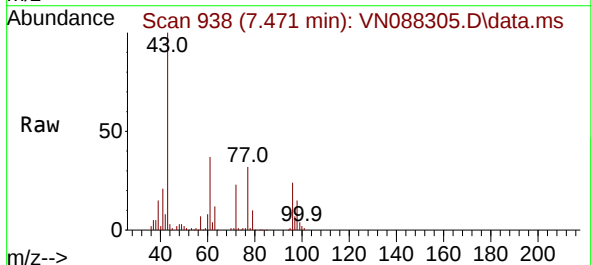
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

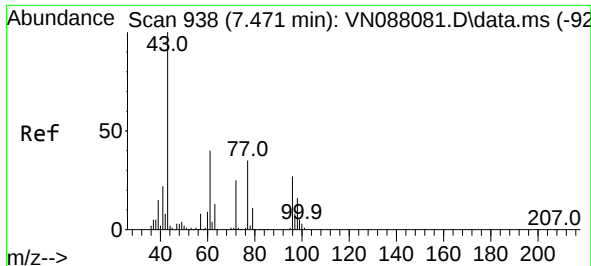
Tgt Ion: 43 Resp: 788894
Ion Ratio Lower Upper
43 100
72 23.1 19.9 29.9



#26
2,2-Dichloropropane
Concen: 47.926 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 77 Resp: 277014
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.7

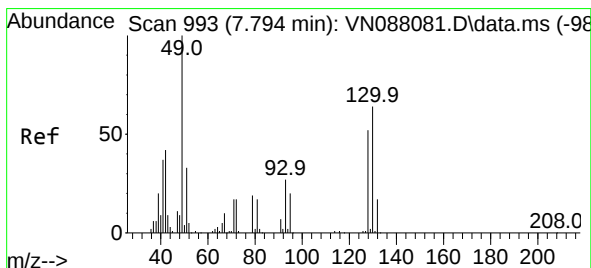
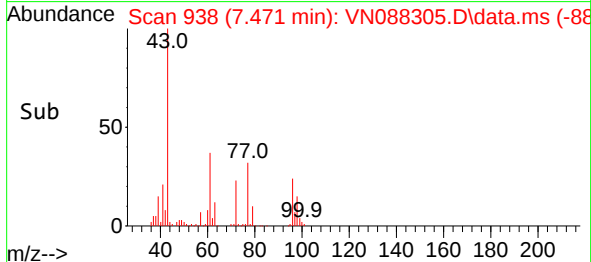
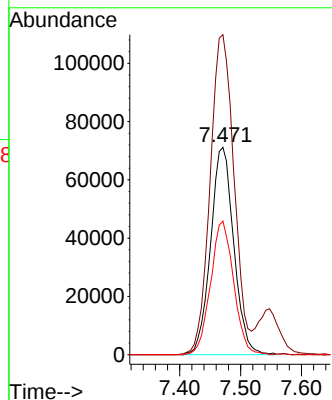
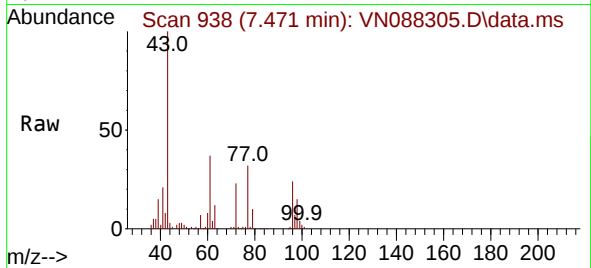




#27
 cis-1,2-Dichloroethene
 Concen: 47.892 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088305.D
 Acq: 18 Nov 2025 09:47

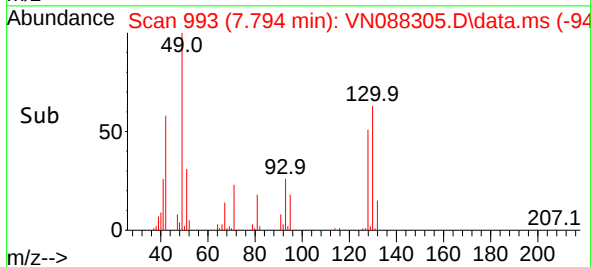
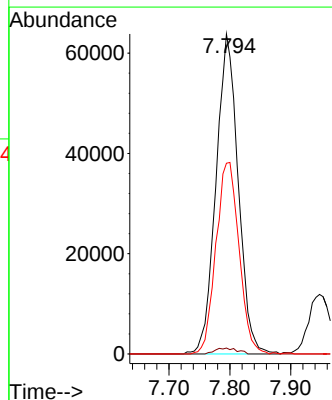
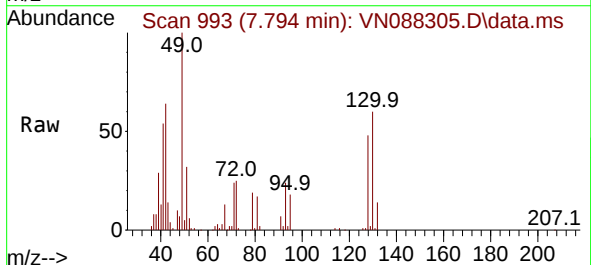
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

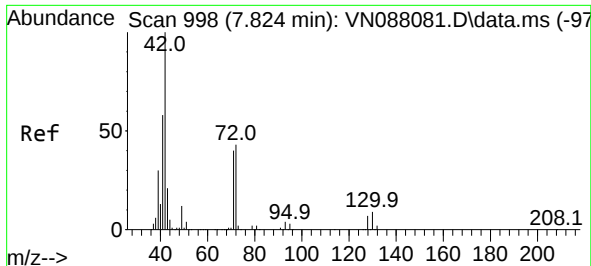
Tgt Ion: 96 Resp: 188510
 Ion Ratio Lower Upper
 96 100
 61 159.4 0.0 301.8
 98 63.9 0.0 126.2



#28
 Bromochloromethane
 Concen: 53.758 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088305.D
 Acq: 18 Nov 2025 09:47

Tgt Ion: 49 Resp: 161561
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.0
 130 62.4 53.1 79.7

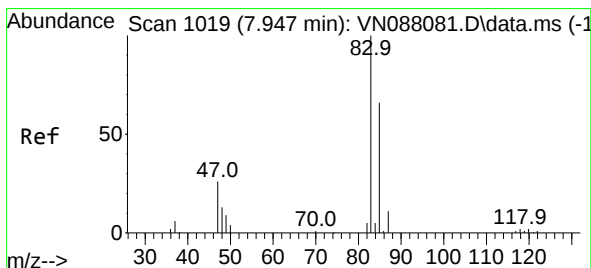
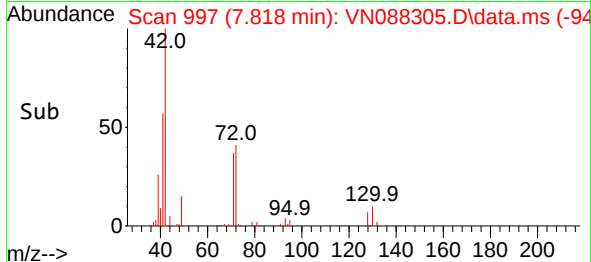
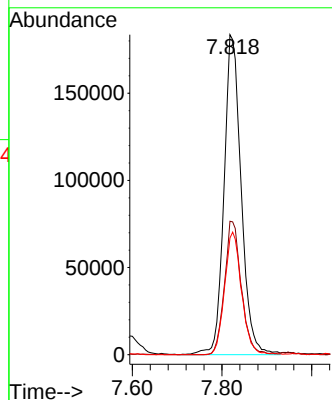
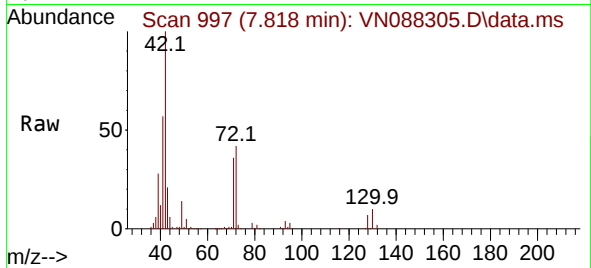




#29
Tetrahydrofuran
Concen: 265.022 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

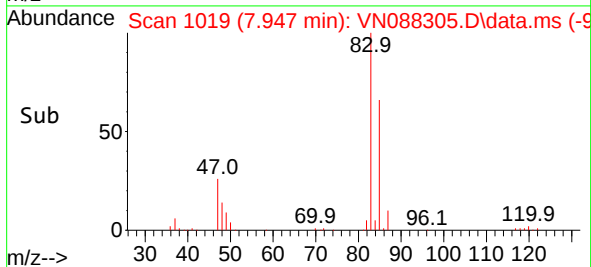
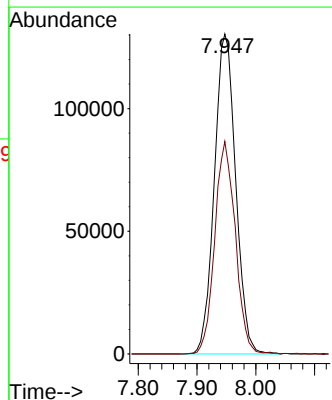
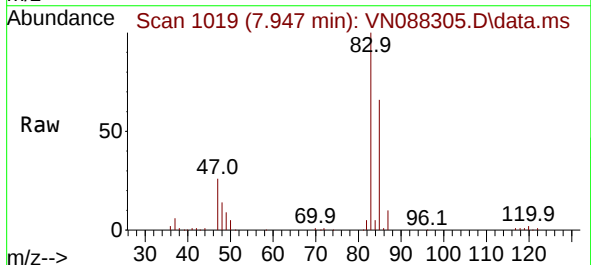
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

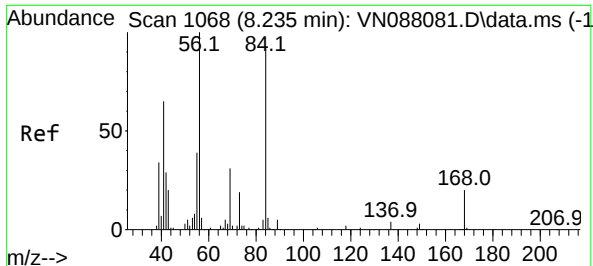
Tgt Ion: 42 Resp: 490049
Ion Ratio Lower Upper
42 100
72 40.8 33.7 50.5
71 37.8 31.9 47.9



#30
Chloroform
Concen: 51.758 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 83 Resp: 328880
Ion Ratio Lower Upper
83 100
85 66.4 50.7 76.1

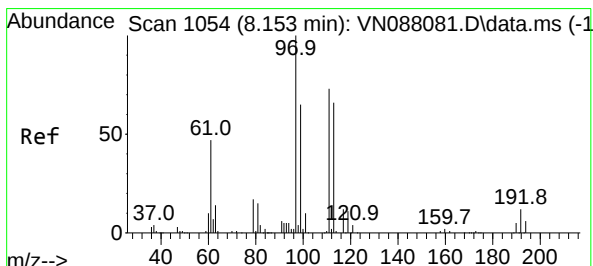
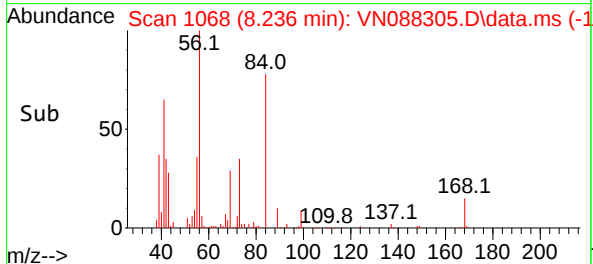
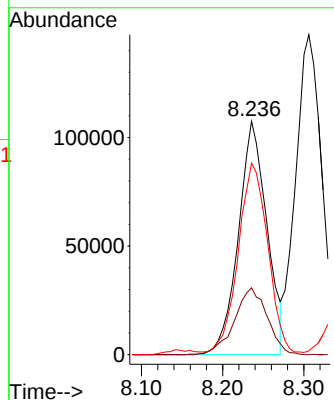
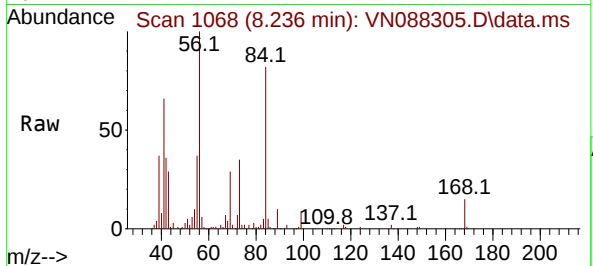




#31
Cyclohexane
Concen: 43.674 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

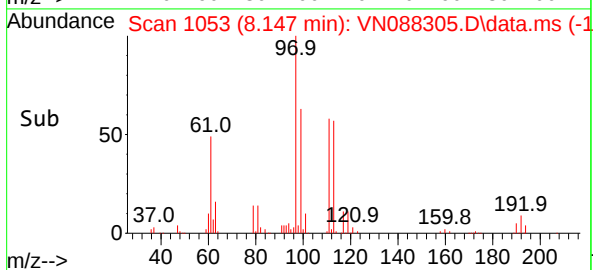
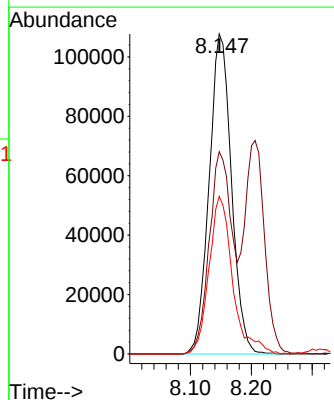
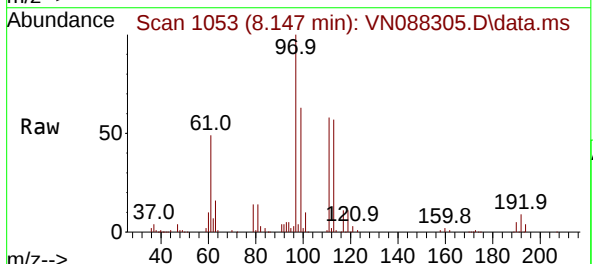
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

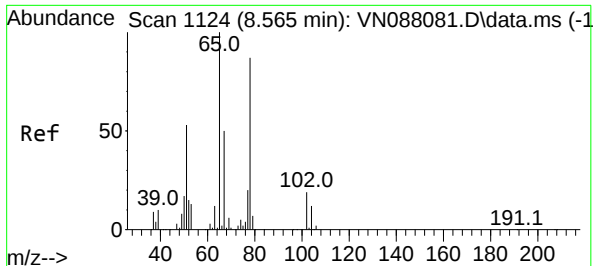
Tgt Ion: 56 Resp: 261990
Ion Ratio Lower Upper
56 100
69 28.6 23.7 35.5
84 80.1 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 48.499 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 97 Resp: 274472
Ion Ratio Lower Upper
97 100
99 64.0 52.2 78.2
61 52.1 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 49.445 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088305.D

Acq: 18 Nov 2025 09:47

Instrument :

MSVOA_N

ClientSampleId :

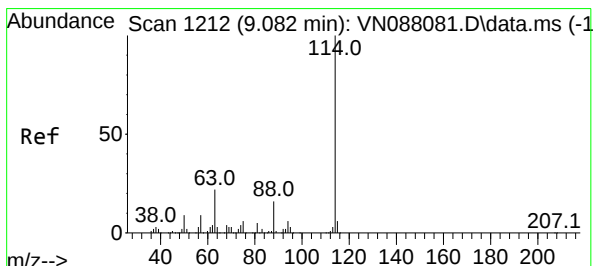
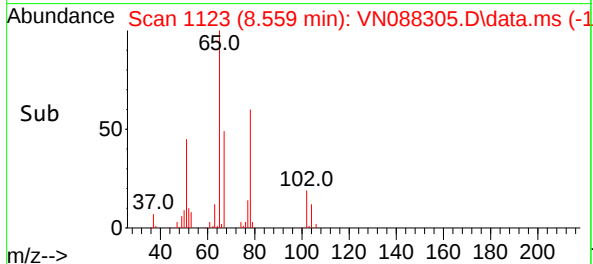
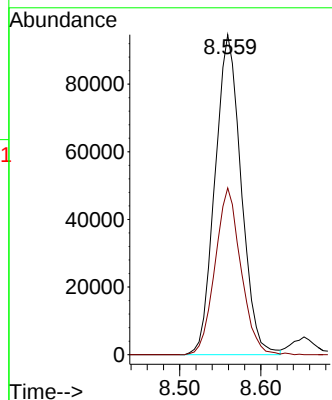
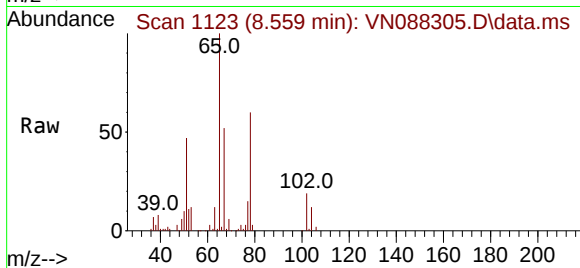
VSTDCCC050

Tgt Ion: 65 Resp: 211896

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088305.D

Acq: 18 Nov 2025 09:47

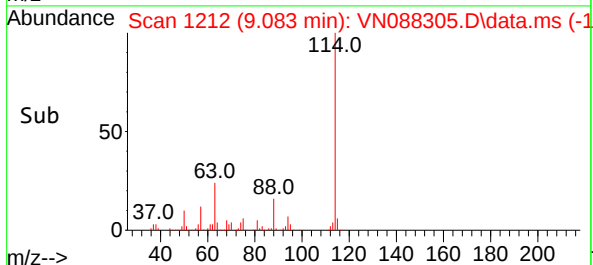
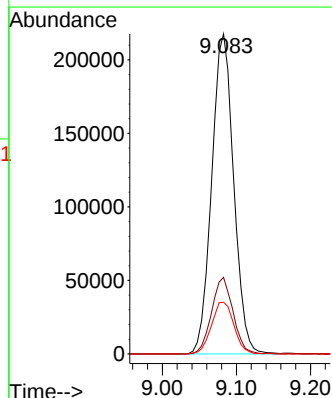
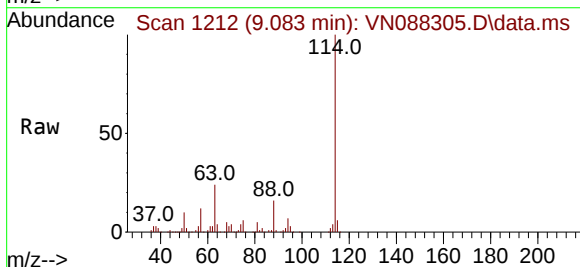
Tgt Ion: 114 Resp: 447891

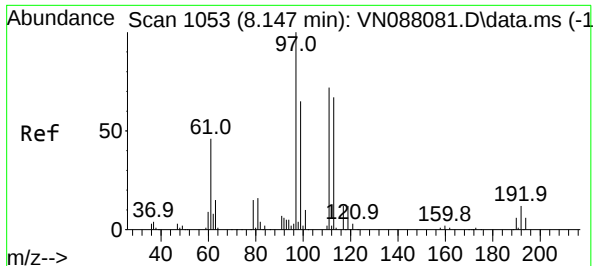
Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.2

88 16.1 0.0 33.4

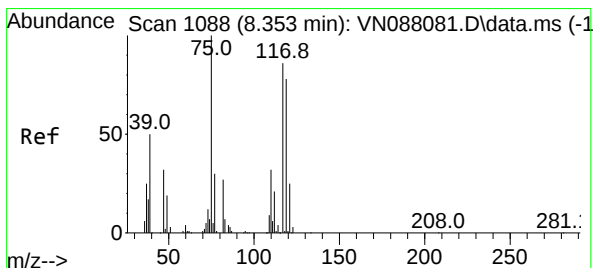
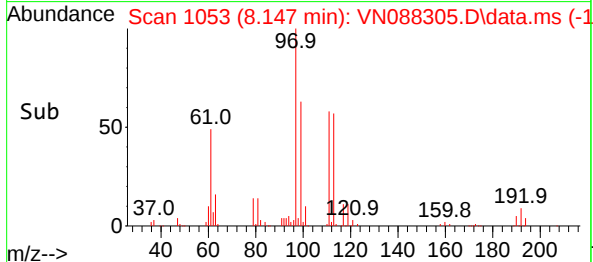
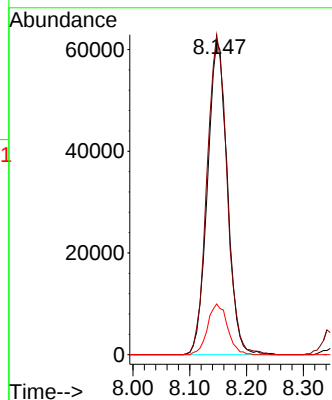
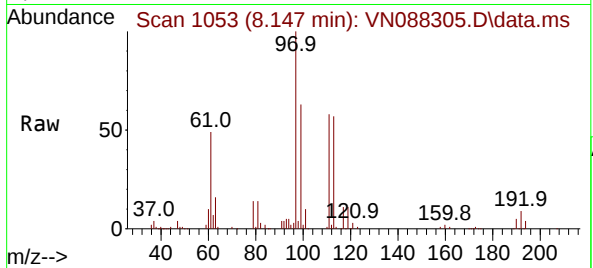




#35
Dibromofluoromethane
Concen: 49.772 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

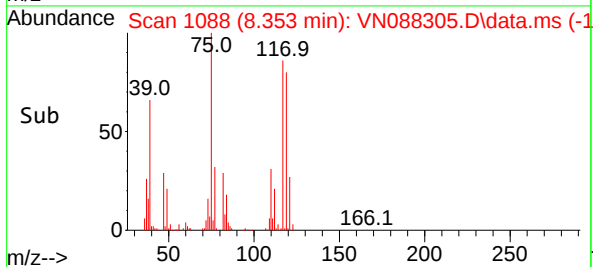
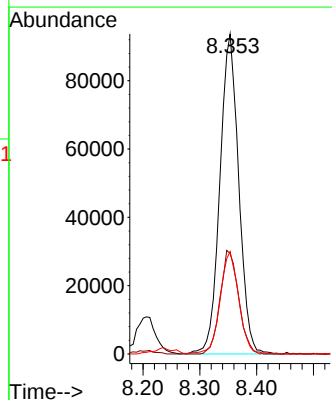
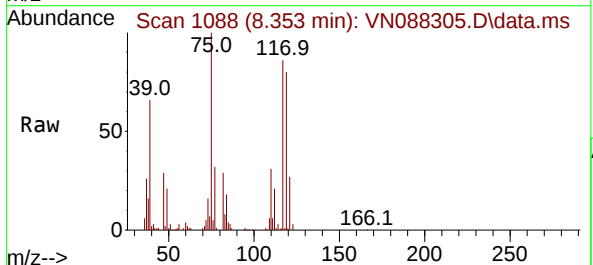
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

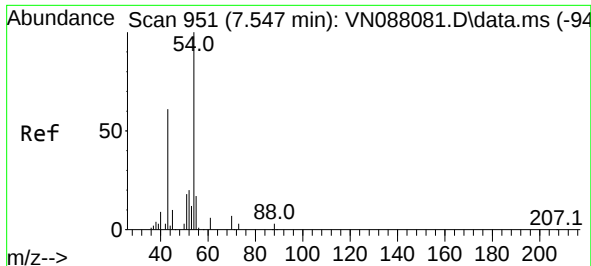
Tgt Ion:113 Resp: 149763
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 16.2 12.8 19.2



#36
1,1-Dichloropropene
Concen: 49.177 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 75 Resp: 216053
Ion Ratio Lower Upper
75 100
110 31.8 15.9 47.6
77 31.4 24.4 36.6

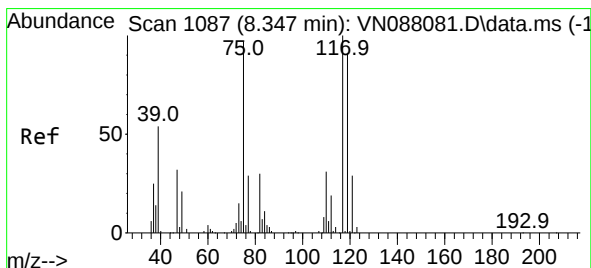
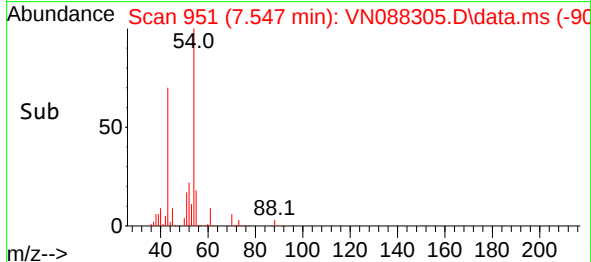
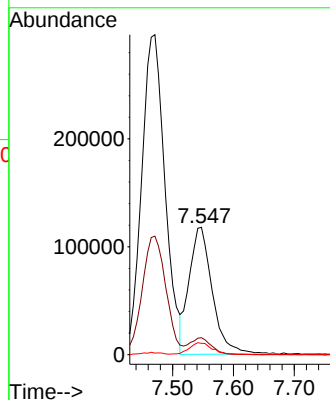
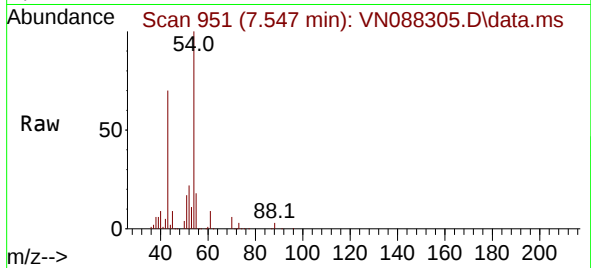




#37
Ethyl Acetate
Concen: 54.970 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

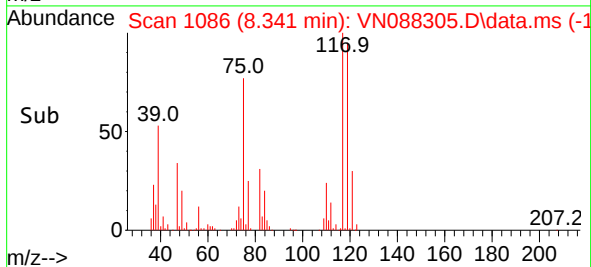
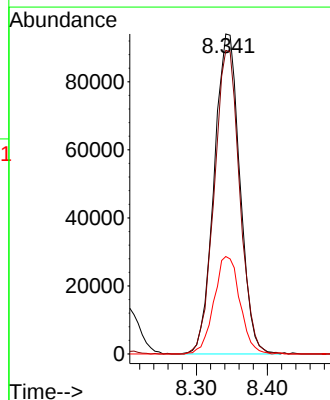
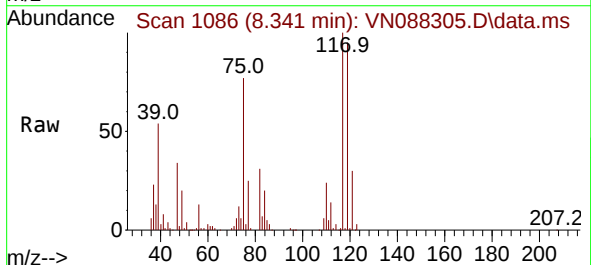
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

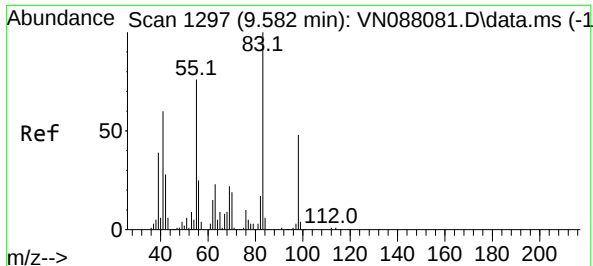
Tgt Ion: 43 Resp: 311659
Ion Ratio Lower Upper
43 100
61 12.6 9.3 13.9
70 9.0 7.0 10.6



#38
Carbon Tetrachloride
Concen: 51.883 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 117 Resp: 235428
Ion Ratio Lower Upper
117 100
119 94.8 79.0 118.6
121 30.4 25.0 37.6





#39

Methylcyclohexane

Concen: 42.413 ug/l

RT: 9.577 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088305.D

Acq: 18 Nov 2025 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

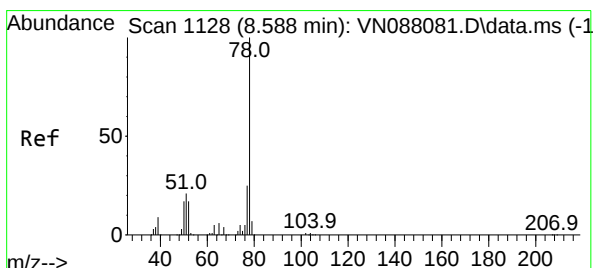
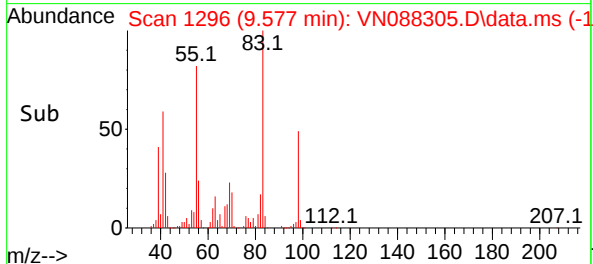
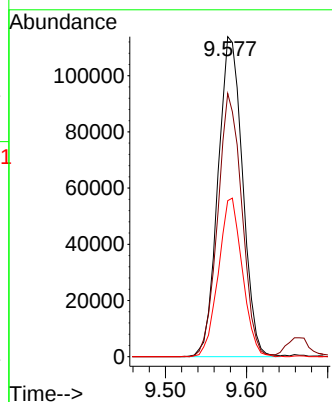
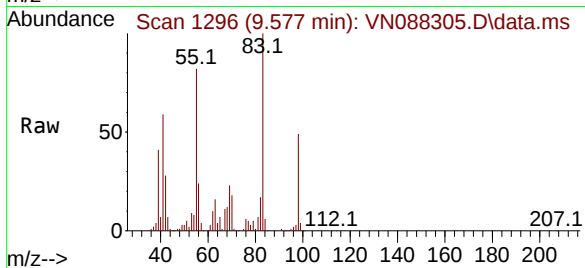
Tgt Ion: 83 Resp: 239517

Ion Ratio Lower Upper

83 100

55 82.2 64.6 96.8

98 48.8 38.4 57.6



#40

Benzene

Concen: 50.514 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088305.D

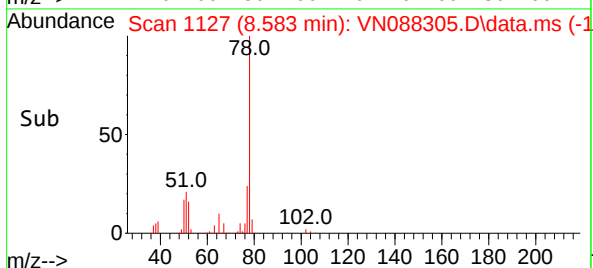
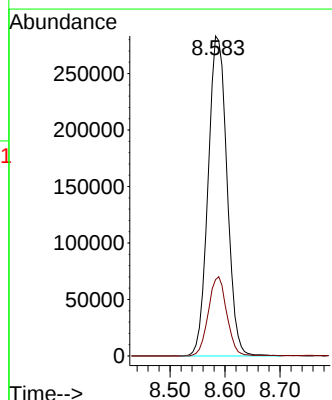
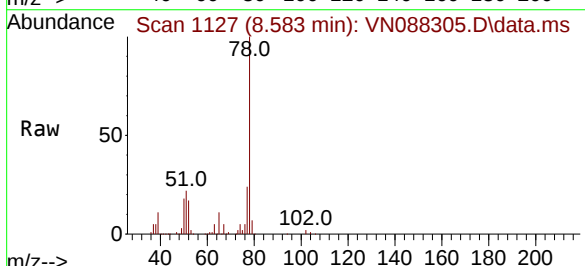
Acq: 18 Nov 2025 09:47

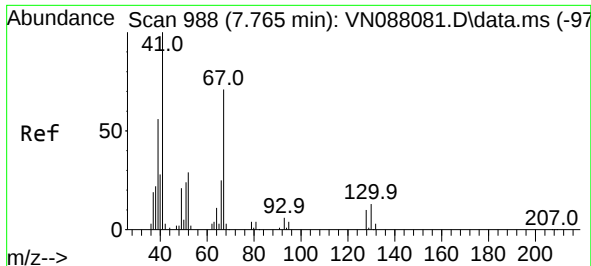
Tgt Ion: 78 Resp: 675873

Ion Ratio Lower Upper

78 100

77 23.9 19.7 29.5

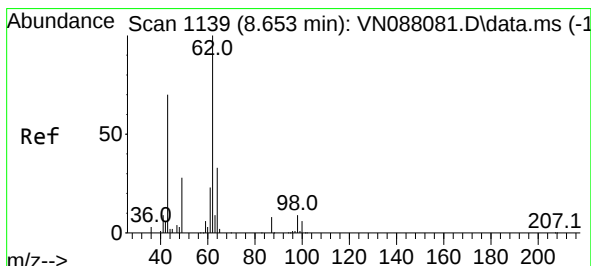
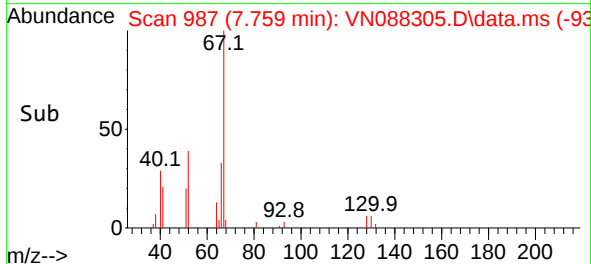
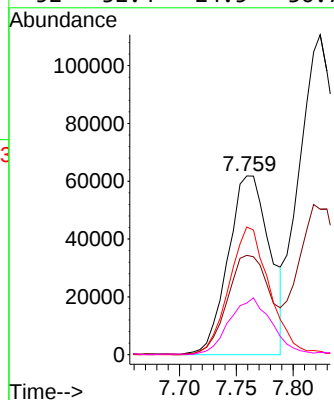
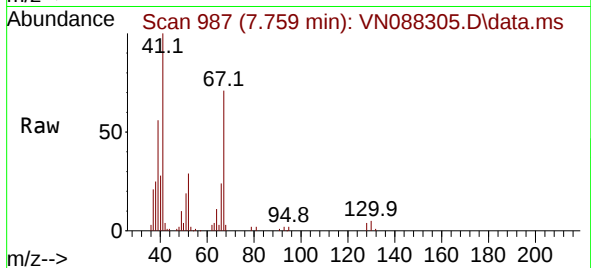




#41
Methacrylonitrile
Concen: 53.183 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

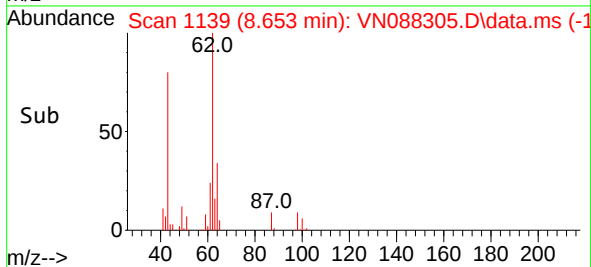
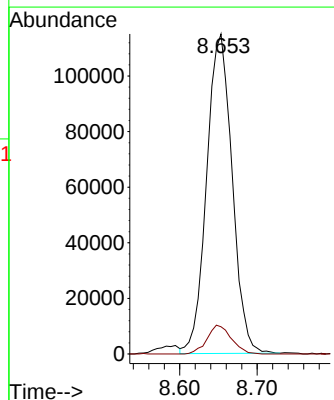
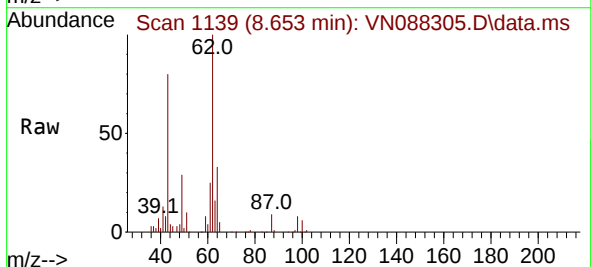
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

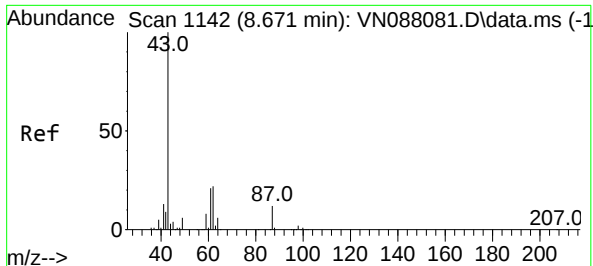
Tgt Ion: 41 Resp: 158698
Ion Ratio Lower Upper
41 100
39 56.6 45.4 68.0
67 69.1 55.3 82.9
52 32.4 24.5 36.7



#42
1,2-Dichloroethane
Concen: 55.353 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 62 Resp: 263155
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.4

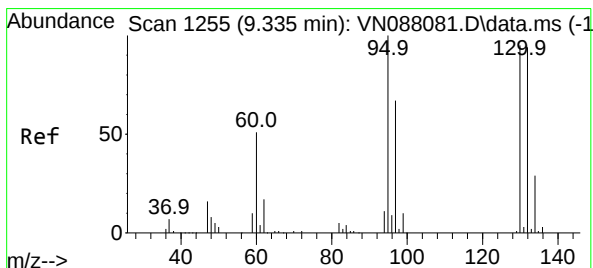
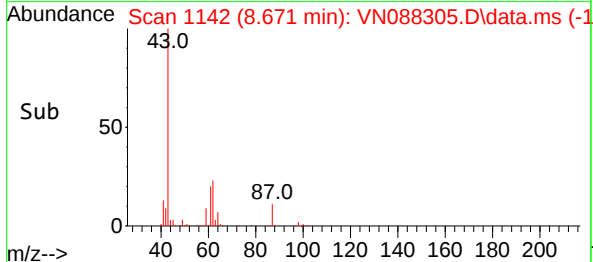
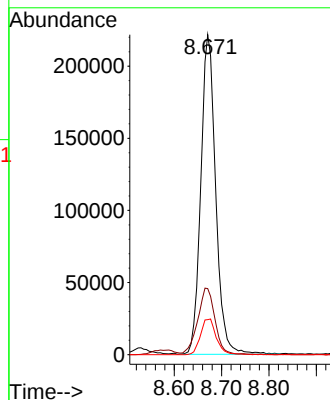
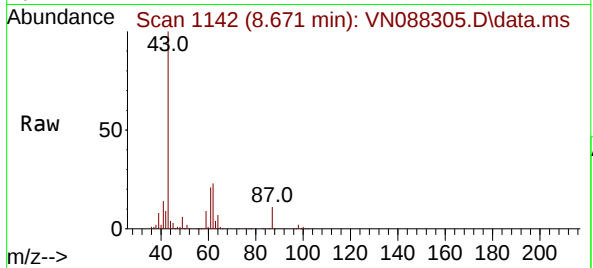




#43
Isopropyl Acetate
Concen: 55.570 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

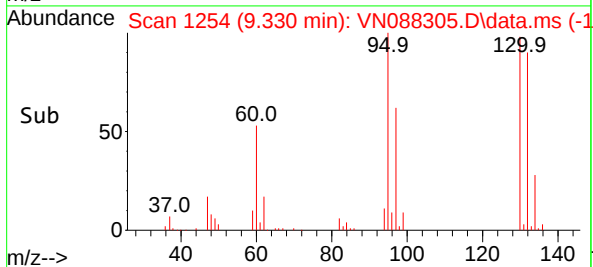
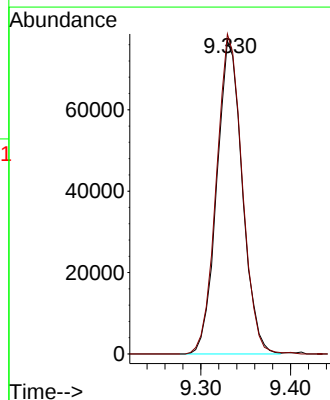
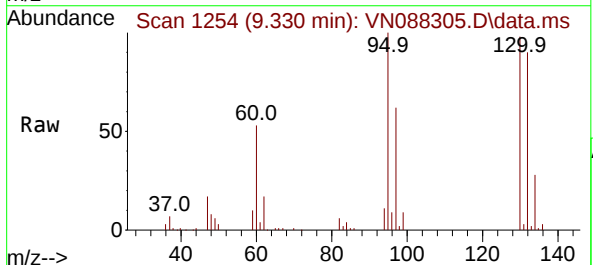
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

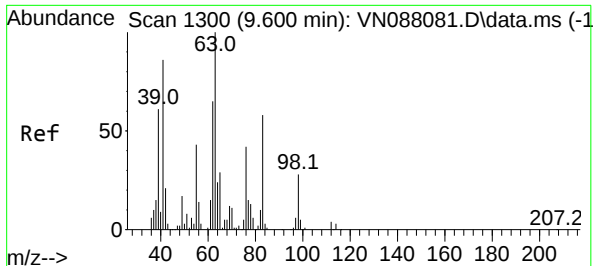
Tgt Ion: 43 Resp: 484125
Ion Ratio Lower Upper
43 100
61 23.5 18.8 28.2
87 11.9 9.6 14.4



#44
Trichloroethene
Concen: 48.511 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion:130 Resp: 151713
Ion Ratio Lower Upper
130 100
95 102.2 0.0 212.0





#45

1,2-Dichloropropane

Concen: 54.269 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088305.D

Acq: 18 Nov 2025 09:47

Instrument :

MSVOA_N

ClientSampleId :

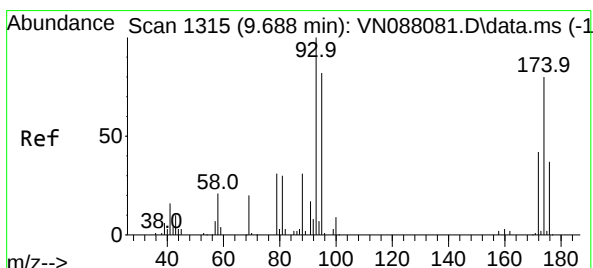
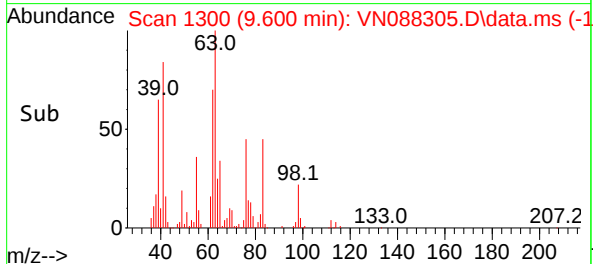
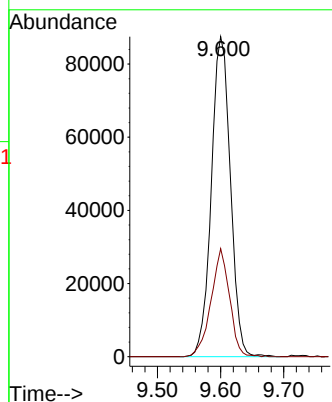
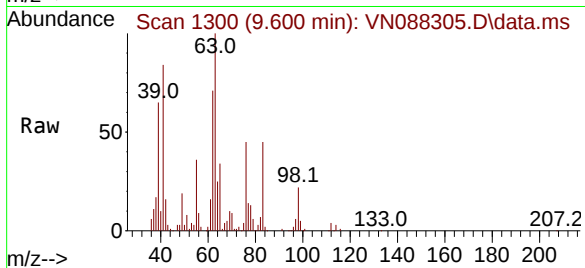
VSTDCCC050

Tgt Ion: 63 Resp: 183315

Ion Ratio Lower Upper

63 100

65 33.7 25.0 37.4



#46

Dibromomethane

Concen: 53.905 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088305.D

Acq: 18 Nov 2025 09:47

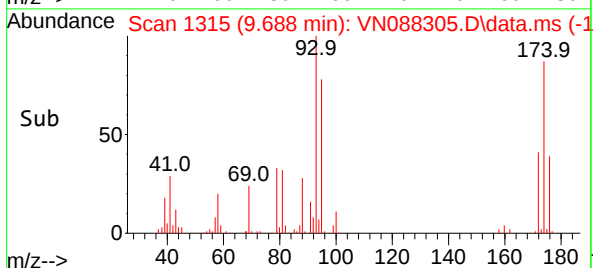
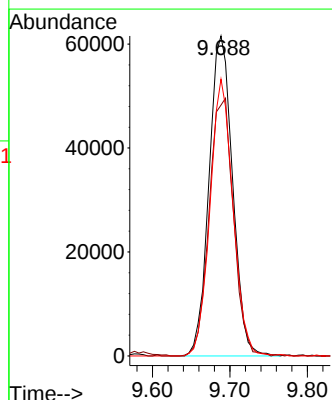
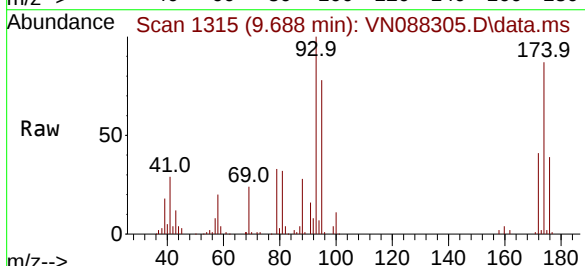
Tgt Ion: 93 Resp: 129865

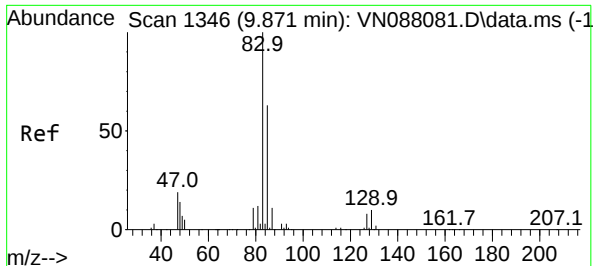
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

174 84.5 63.4 95.2

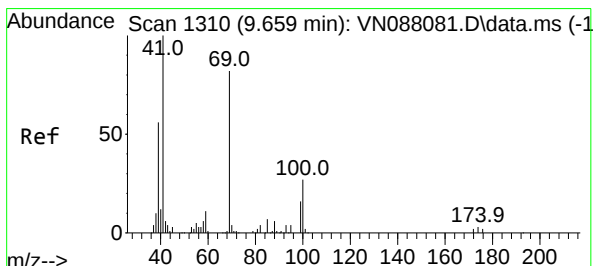
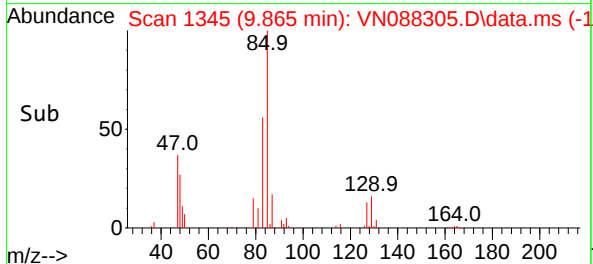
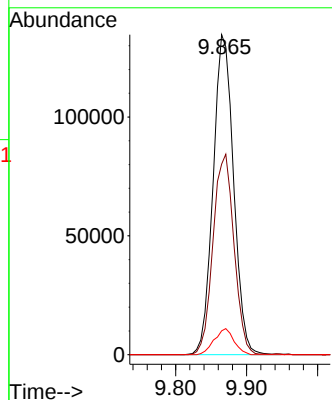
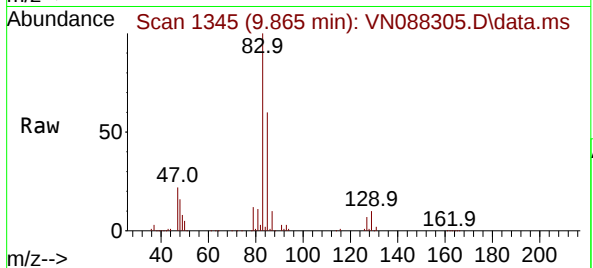




#47
Bromodichloromethane
Concen: 55.736 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

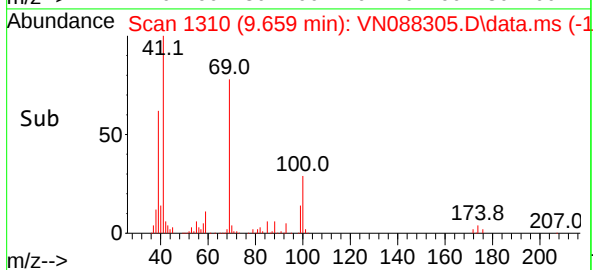
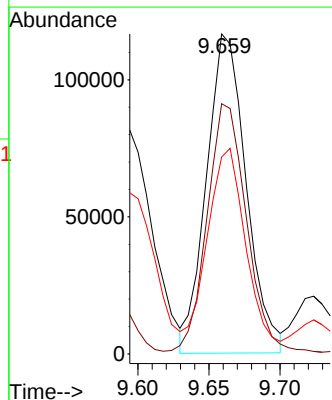
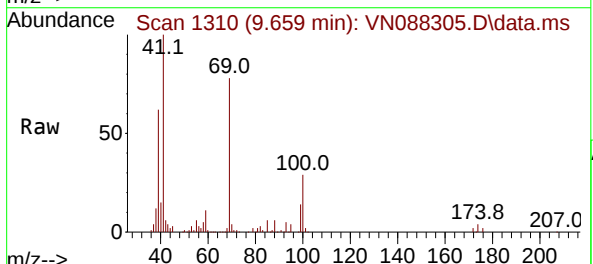
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

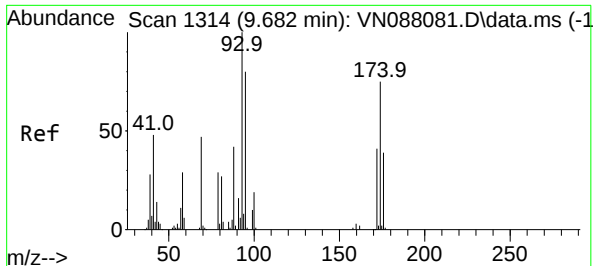
Tgt Ion: 83 Resp: 268834
Ion Ratio Lower Upper
83 100
85 59.5 52.5 78.7
127 7.5 5.8 8.6



#48
Methyl methacrylate
Concen: 56.224 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 41 Resp: 226146
Ion Ratio Lower Upper
41 100
69 78.9 62.7 94.1
39 63.6 52.9 79.3

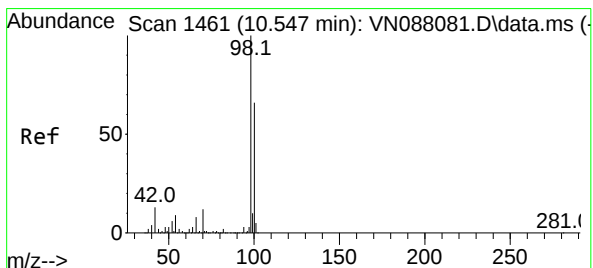
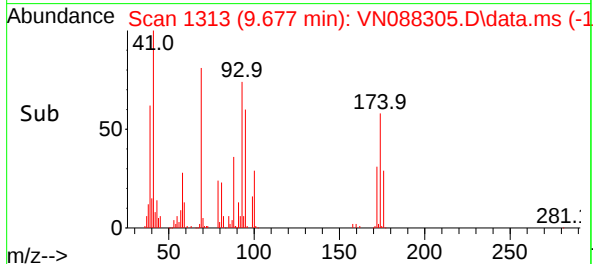
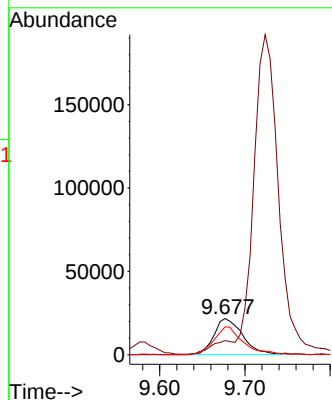
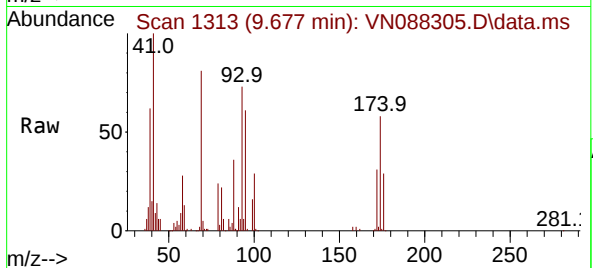




#49
1,4-Dioxane
Concen: 1016.079 ug/l
RT: 9.677 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

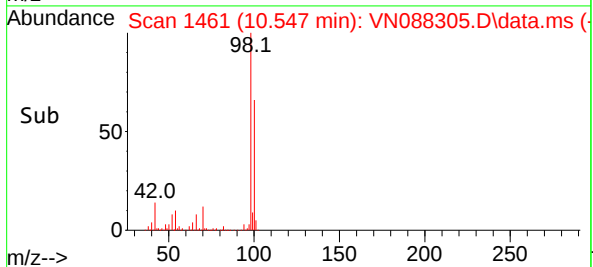
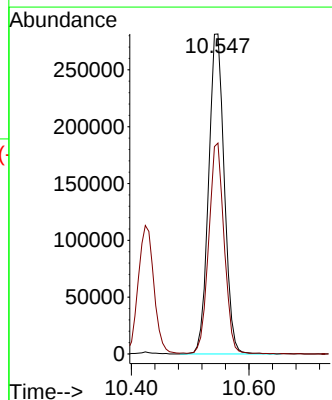
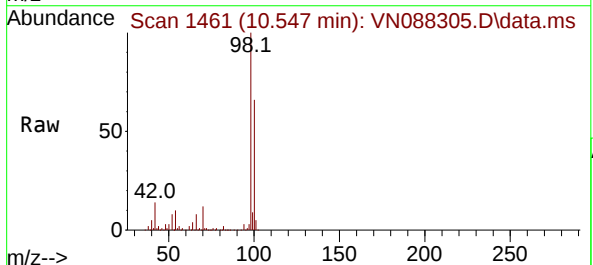
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

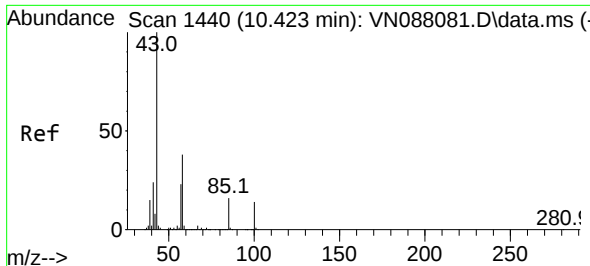
Tgt Ion: 88 Resp: 50830
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 78.6 57.9 86.9



#50
Toluene-d8
Concen: 44.946 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 98 Resp: 521105
Ion Ratio Lower Upper
98 100
100 64.3 52.8 79.2

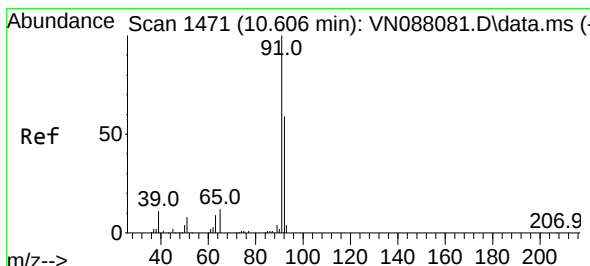
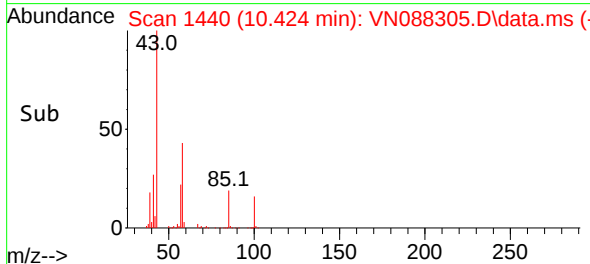
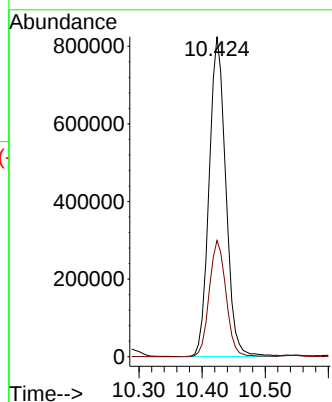
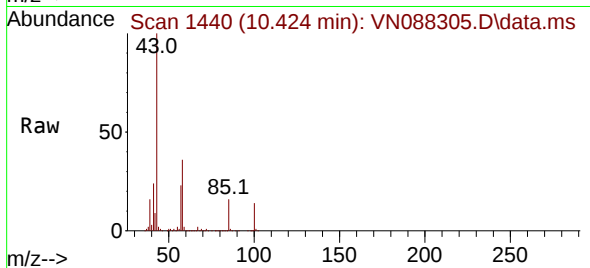




#51
4-Methyl-2-Pentanone
Concen: 293.672 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

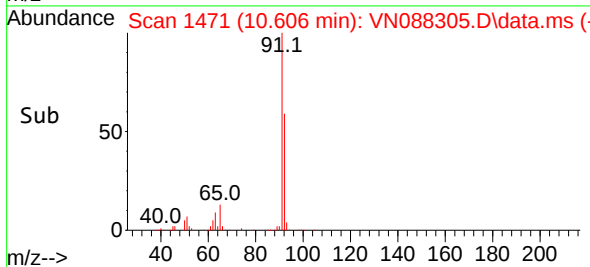
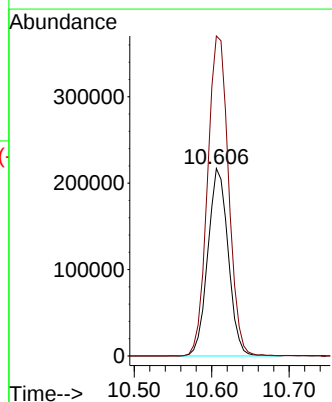
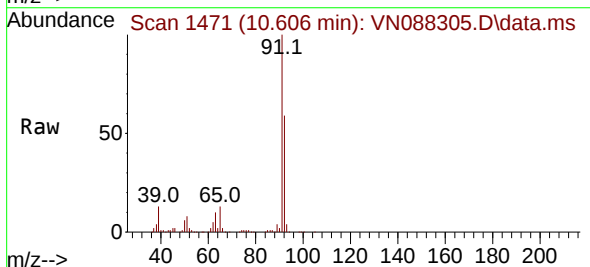
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

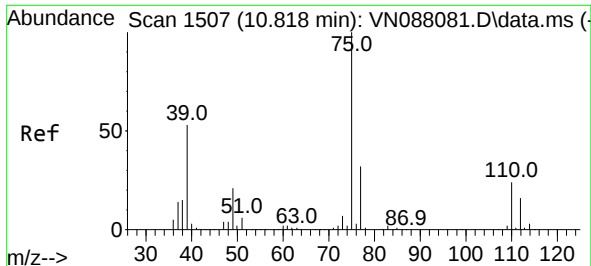
Tgt Ion: 43 Resp: 1513565
Ion Ratio Lower Upper
43 100
58 36.5 29.6 44.4



#52
Toluene
Concen: 47.986 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 92 Resp: 395853
Ion Ratio Lower Upper
92 100
91 176.4 140.4 210.6

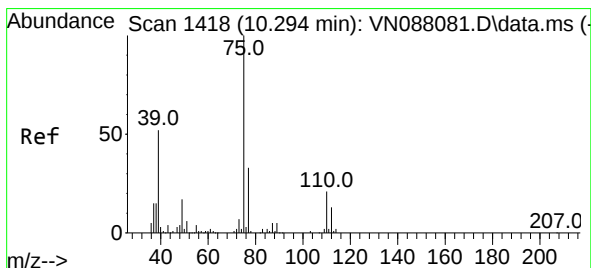
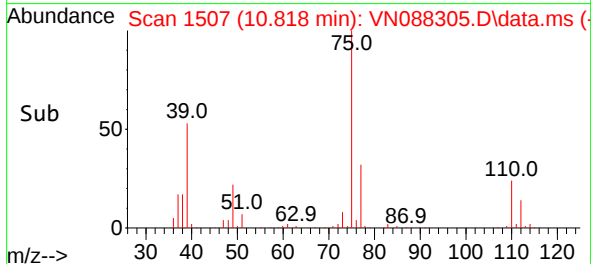
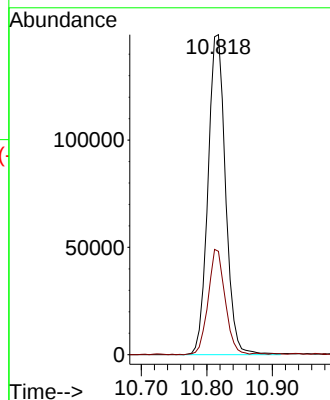
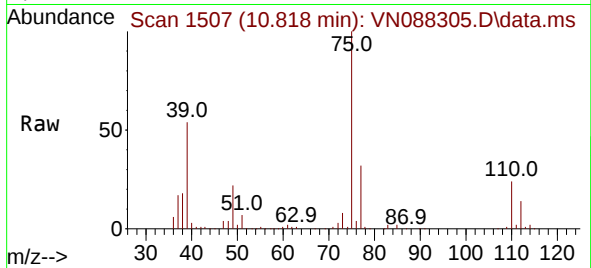




#53
t-1,3-Dichloropropene
Concen: 54.056 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

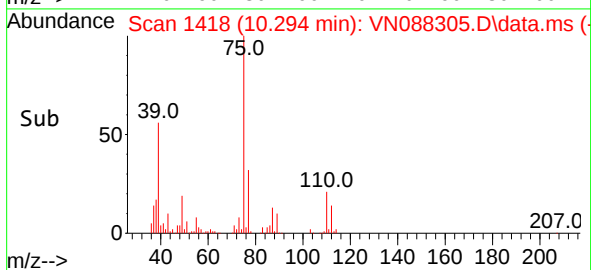
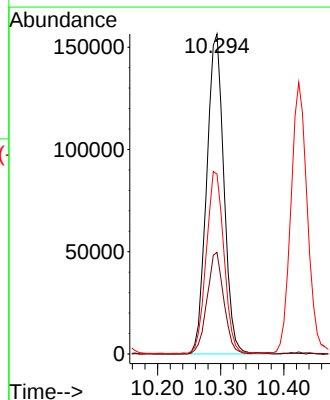
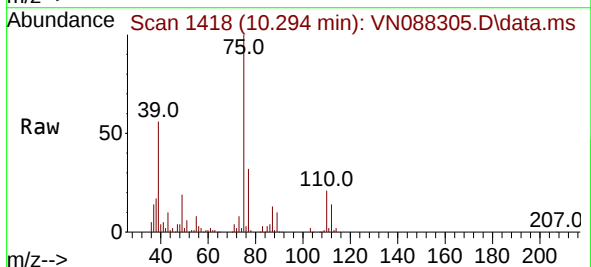
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

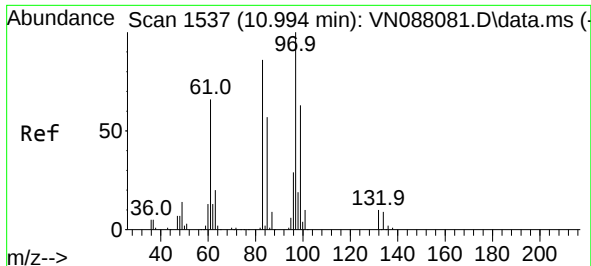
Tgt Ion: 75 Resp: 277502
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 54.424 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 75 Resp: 296474
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0
39 56.1 45.2 67.8

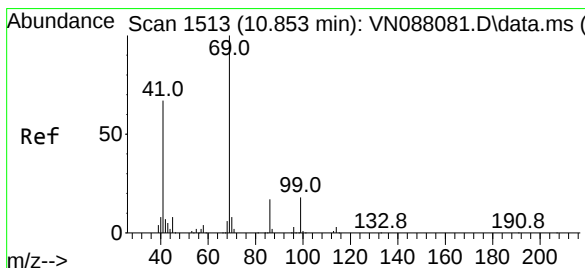
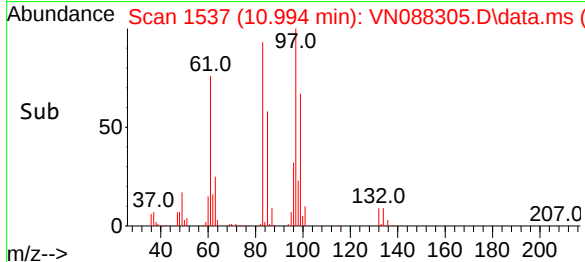
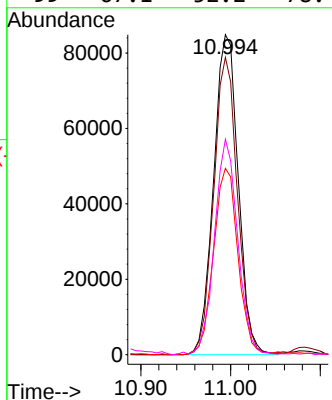
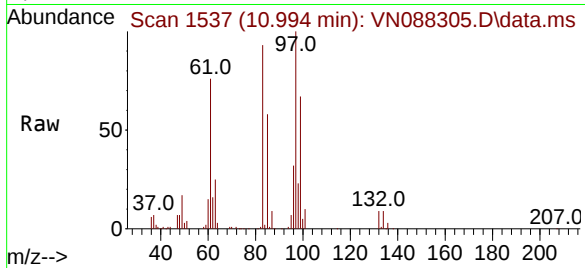




#55
1,1,2-Trichloroethane
Concen: 51.554 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

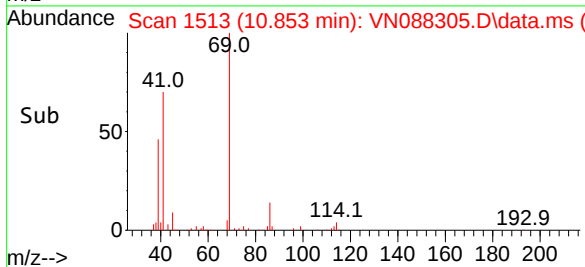
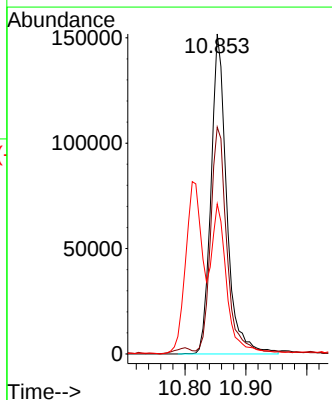
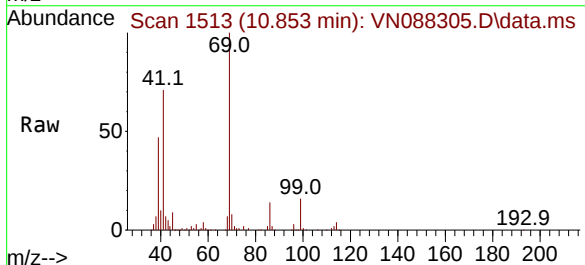
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MSVOA_N
ClientSampleId :
VSTDCCC050

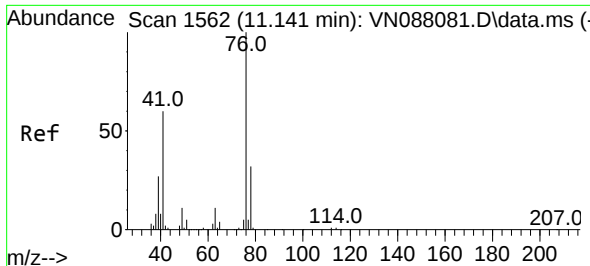
Tgt Ion:	97	Resp:	161350
Ion	Ratio	Lower	Upper
97	100		
83	92.7	68.2	102.4
85	58.2	45.5	68.3
99	67.1	52.2	78.4



#56
Ethyl methacrylate
Concen: 55.012 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion:	69	Resp:	272464
Ion	Ratio	Lower	Upper
69	100		
41	71.1	56.5	84.7
39	44.8	34.2	51.4





#57

1,3-Dichloropropane

Concen: 54.528 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN088305.D

Acq: 18 Nov 2025 09:47

Instrument :

MSVOA_N

ClientSampleId :

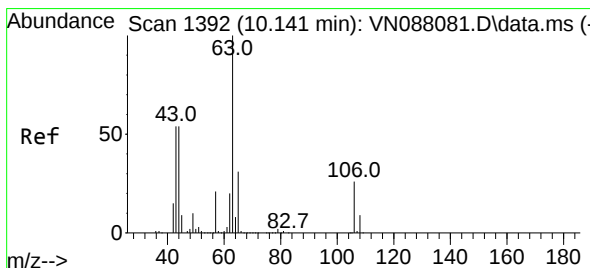
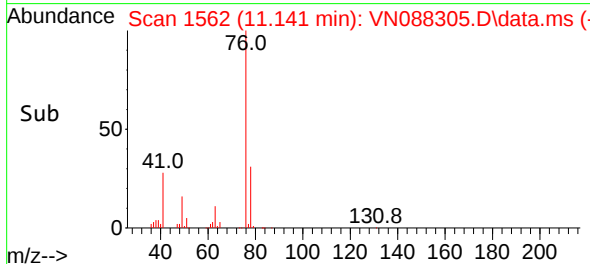
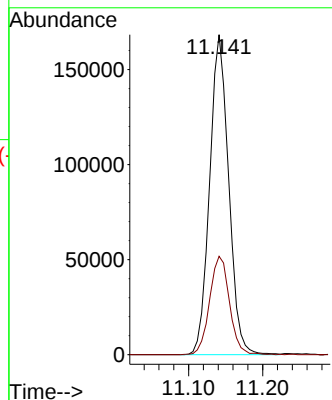
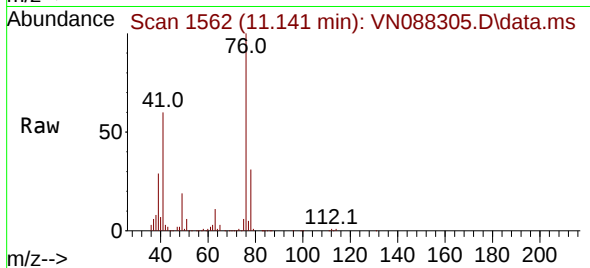
VSTDCCC050

Tgt Ion: 76 Resp: 299963

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 318.775 ug/l

RT: 10.135 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VN088305.D

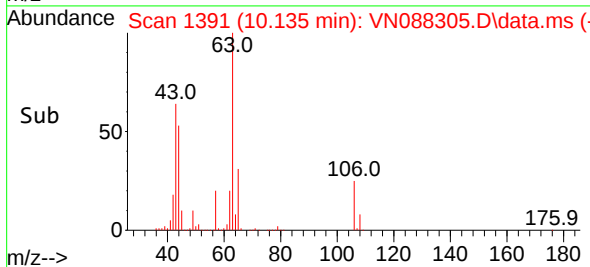
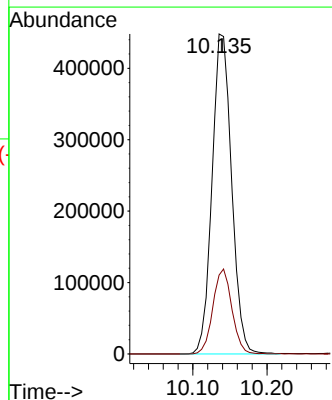
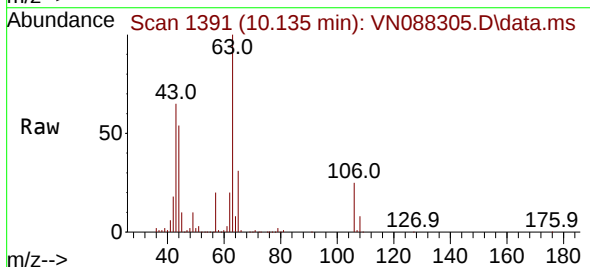
Acq: 18 Nov 2025 09:47

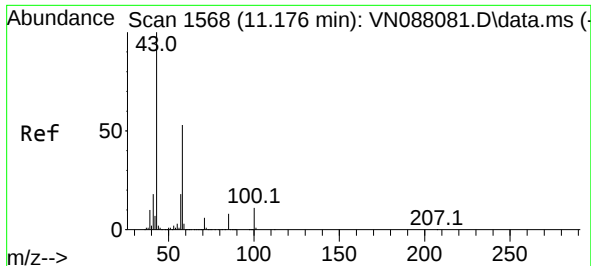
Tgt Ion: 63 Resp: 821235

Ion Ratio Lower Upper

63 100

106 25.8 21.1 31.7

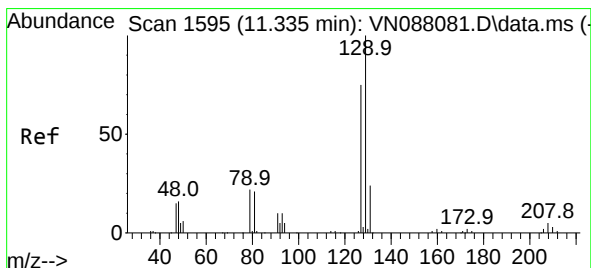
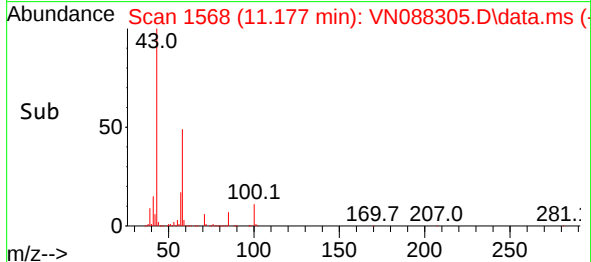
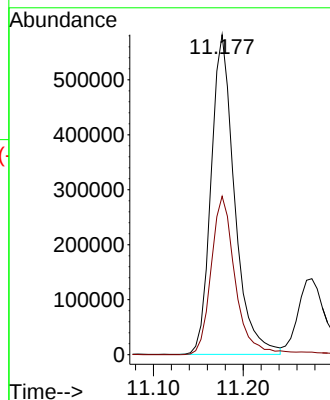
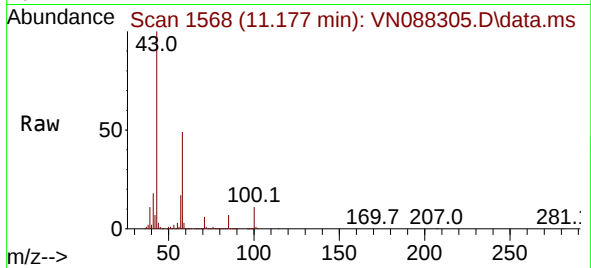




#59
2-Hexanone
Concen: 309.488 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

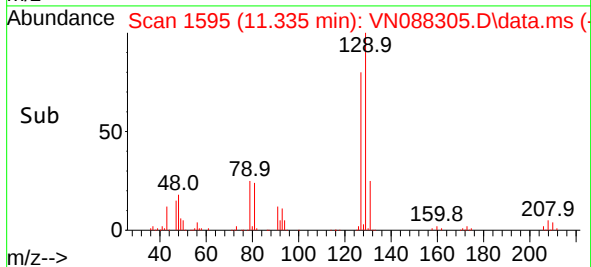
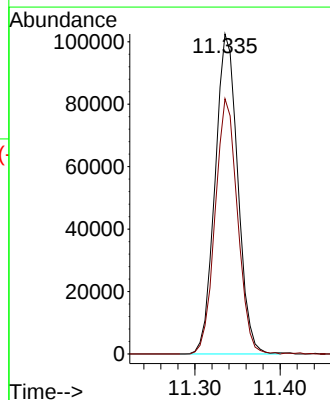
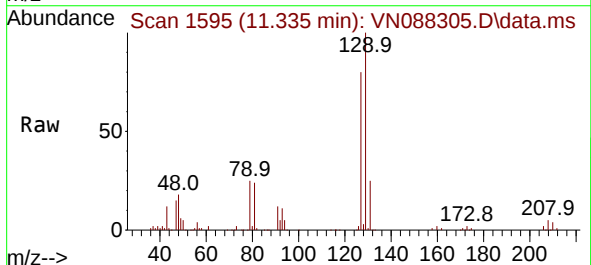
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

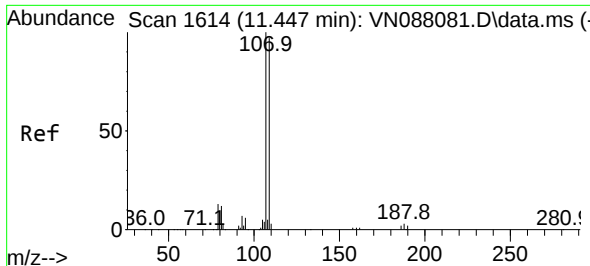
Tgt Ion: 43 Resp: 1058140
Ion Ratio Lower Upper
43 100
58 50.6 25.9 77.8



#60
Dibromochloromethane
Concen: 53.233 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 129 Resp: 189365
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.3

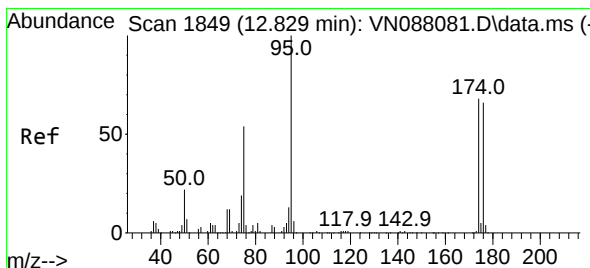
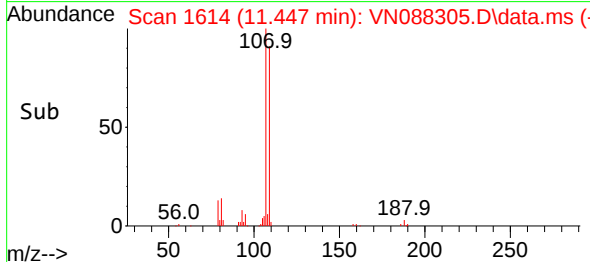
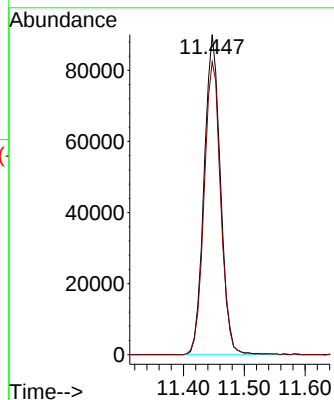
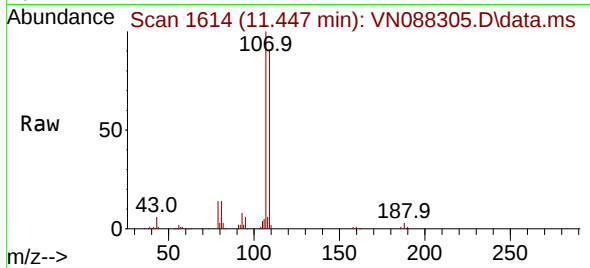




#61
1,2-Dibromoethane
Concen: 51.965 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

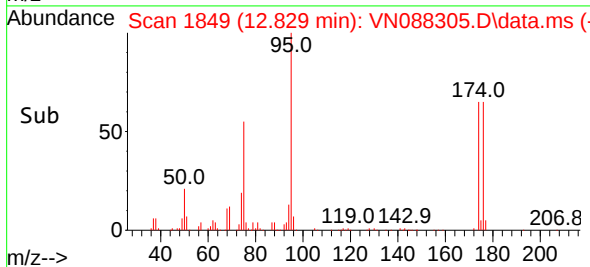
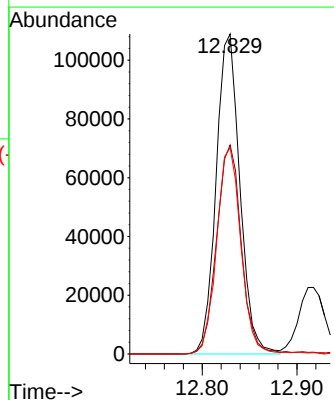
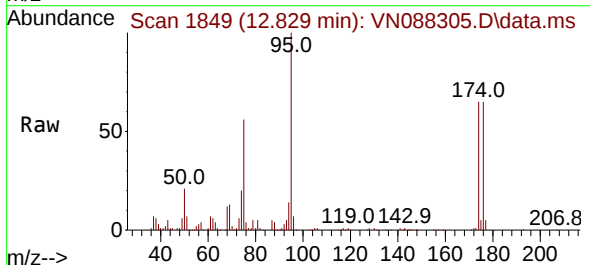
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

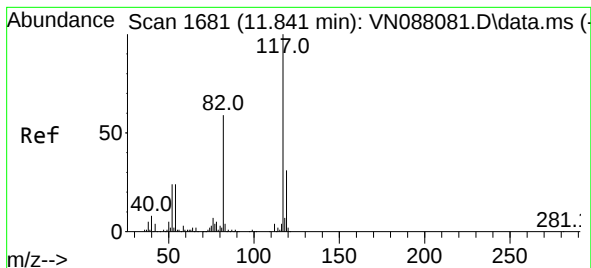
Tgt Ion:107 Resp: 167377
Ion Ratio Lower Upper
107 100
109 93.1 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 46.443 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 95 Resp: 190164
Ion Ratio Lower Upper
95 100
174 67.7 0.0 138.4
176 65.6 0.0 132.6

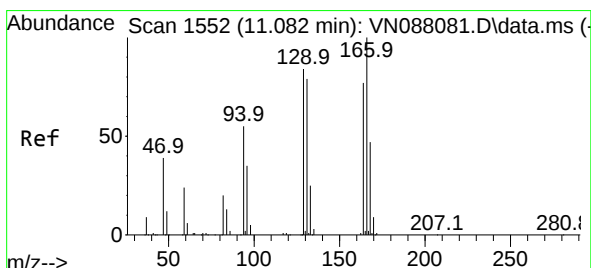
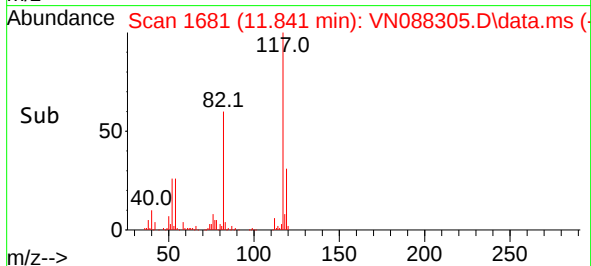
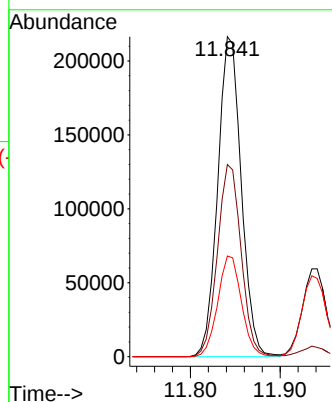
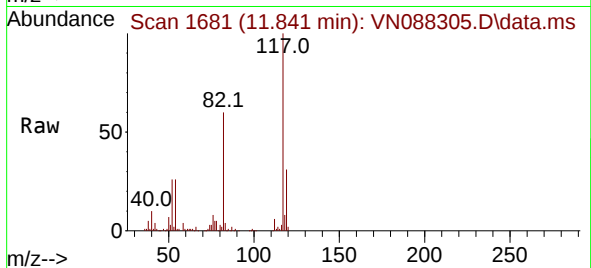




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

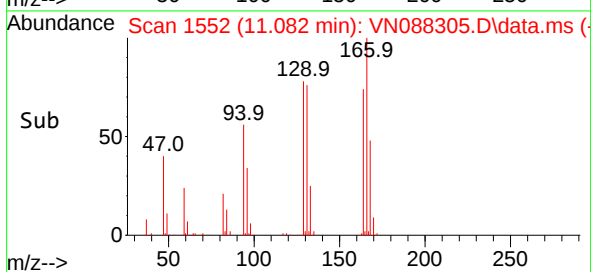
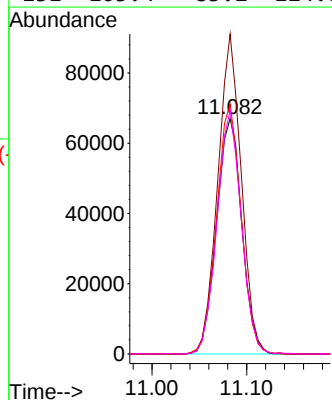
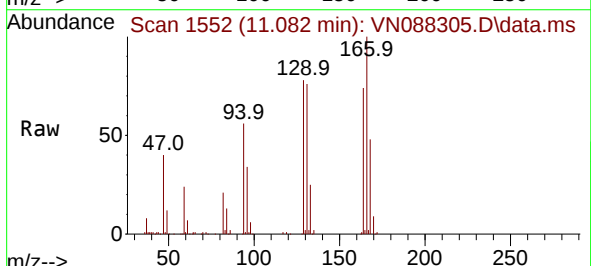
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

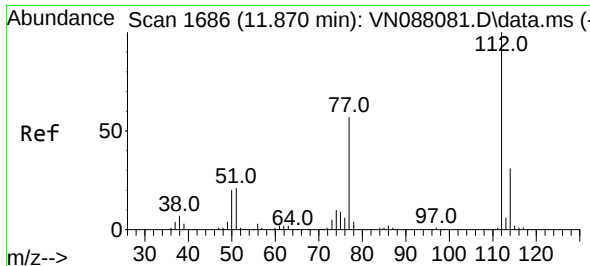
Tgt Ion:117 Resp: 394737
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 31.5 24.3 36.5



#64
Tetrachloroethene
Concen: 47.701 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion:164 Resp: 124202
Ion Ratio Lower Upper
164 100
166 135.9 97.7 146.5
129 106.2 85.9 128.9
131 103.4 83.2 124.8

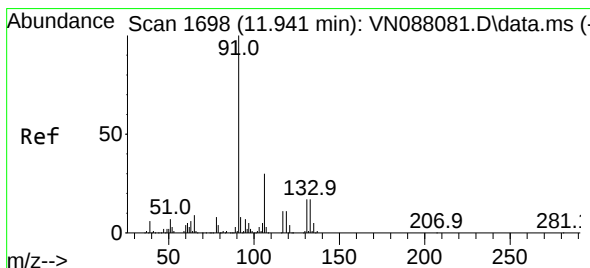
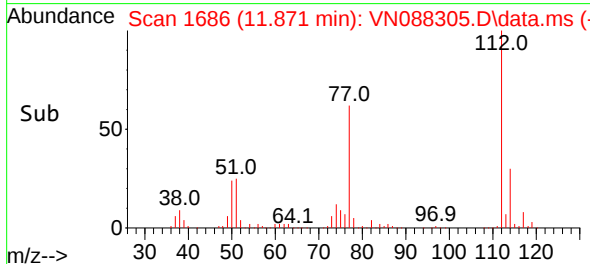
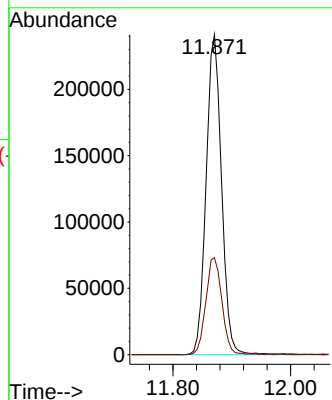
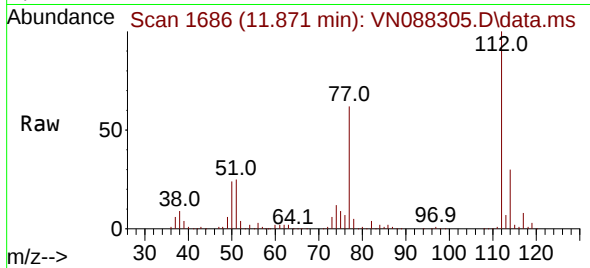




#65
Chlorobenzene
Concen: 48.833 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

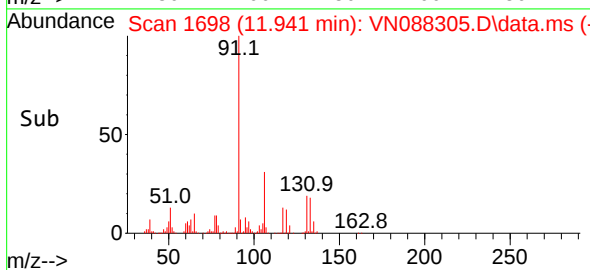
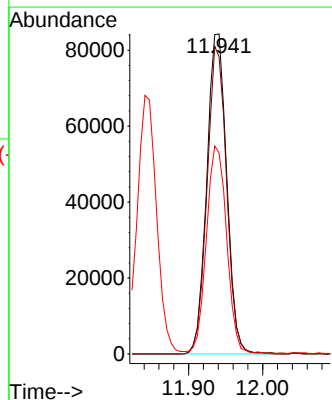
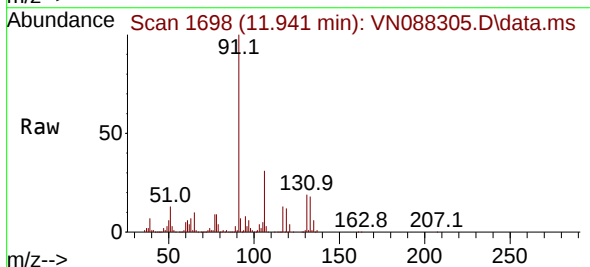
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

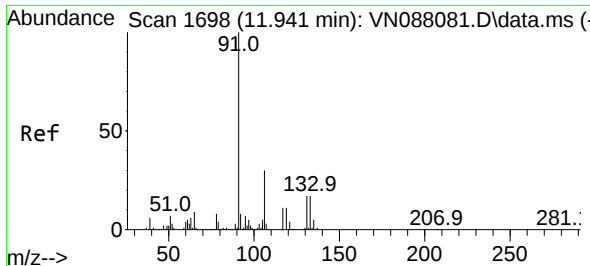
Tgt Ion:112 Resp: 437698
Ion Ratio Lower Upper
112 100
114 30.3 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.726 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion:131 Resp: 157770
Ion Ratio Lower Upper
131 100
133 94.2 48.0 144.0
119 66.2 32.6 97.7

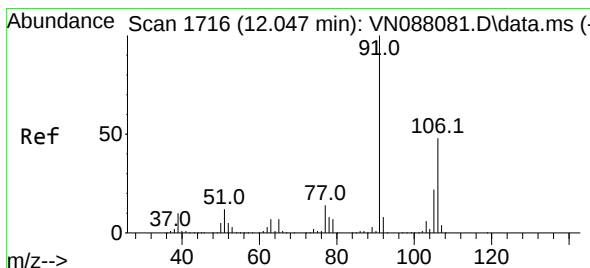
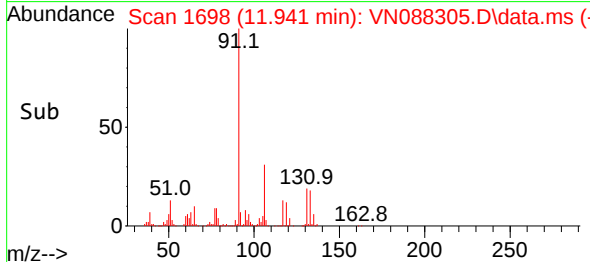
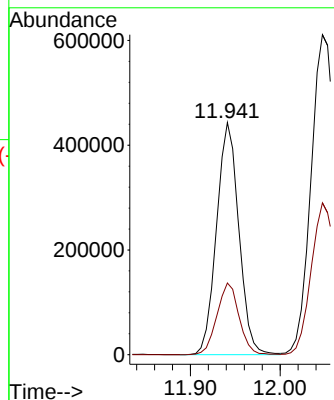
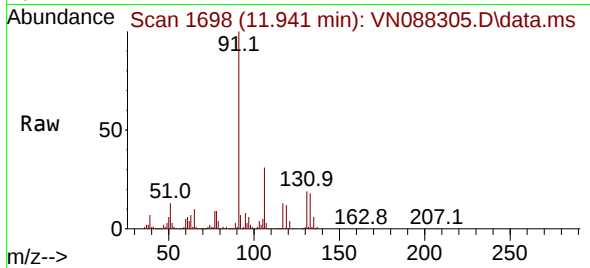




#67
Ethyl Benzene
Concen: 48.572 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

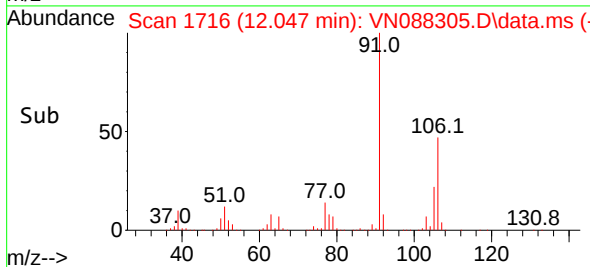
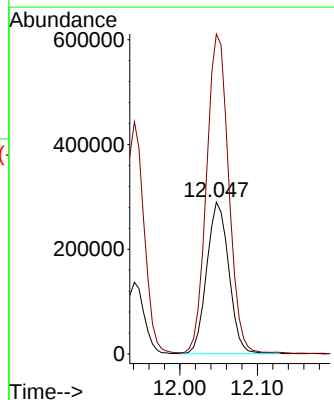
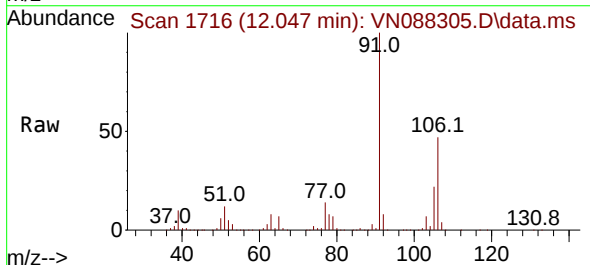
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

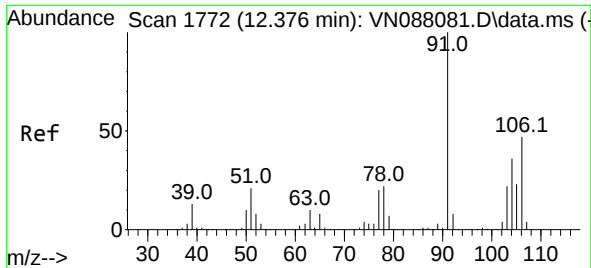
Tgt Ion: 91 Resp: 764204
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1



#68
m/p-Xylenes
Concen: 97.013 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion:106 Resp: 571892
Ion Ratio Lower Upper
106 100
91 212.3 169.3 253.9

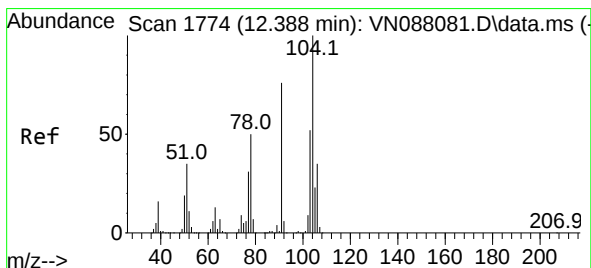
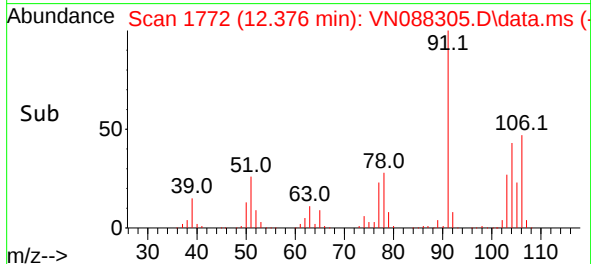
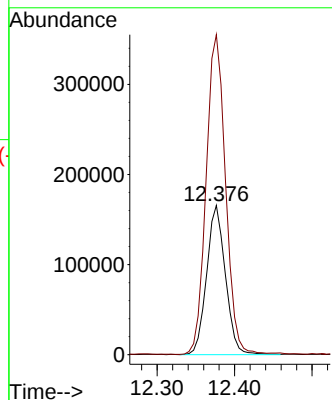
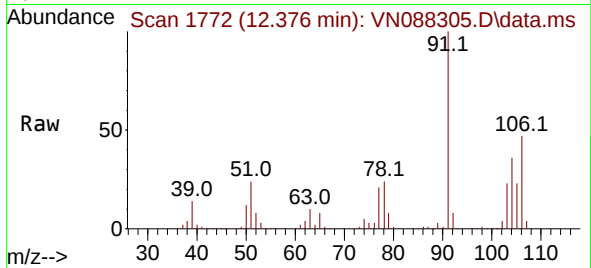




#69
o-Xylene
Concen: 49.900 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

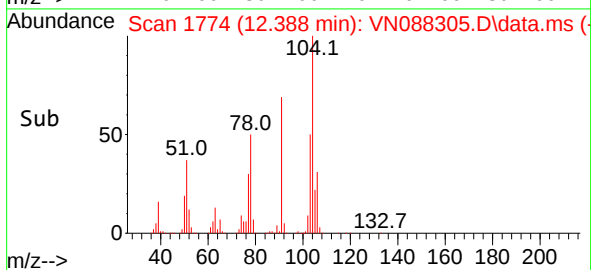
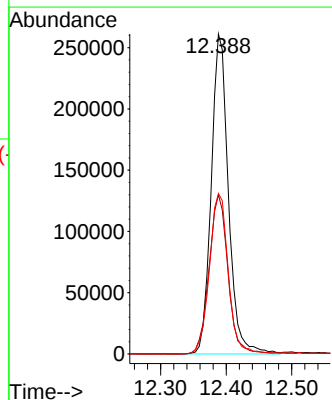
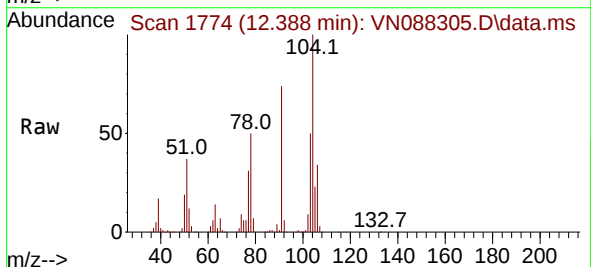
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

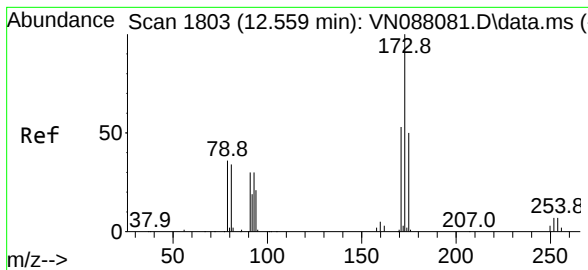
Tgt Ion:106 Resp: 278855
Ion Ratio Lower Upper
106 100
91 221.9 111.4 334.2



#70
Styrene
Concen: 52.239 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion:104 Resp: 476034
Ion Ratio Lower Upper
104 100
78 54.8 42.2 63.2
103 55.0 43.4 65.2

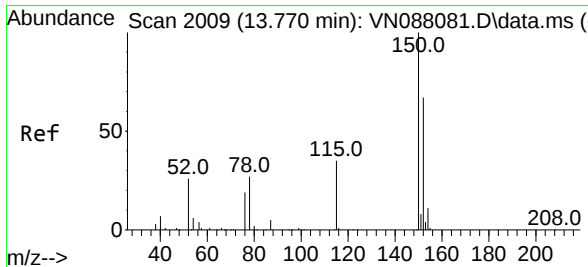
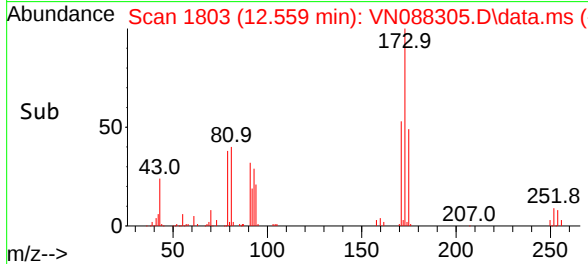
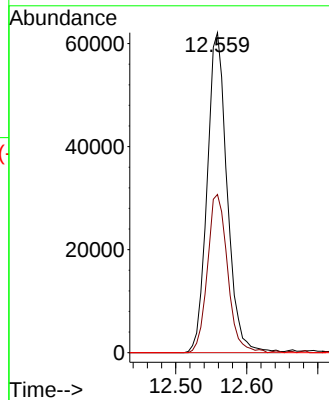
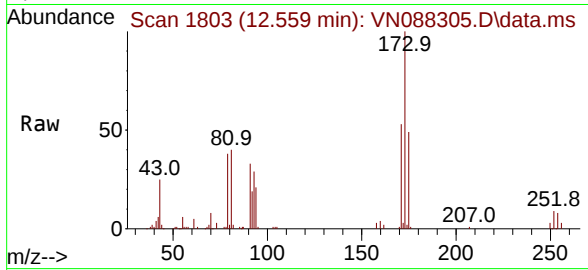




#71
Bromoform
Concen: 55.361 ug/l
RT: 12.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

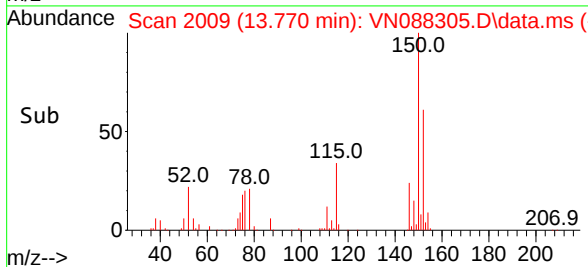
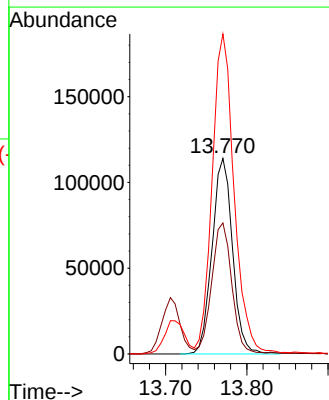
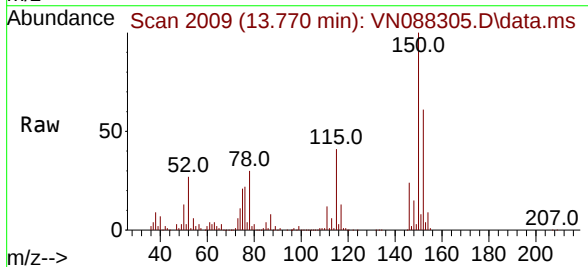
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

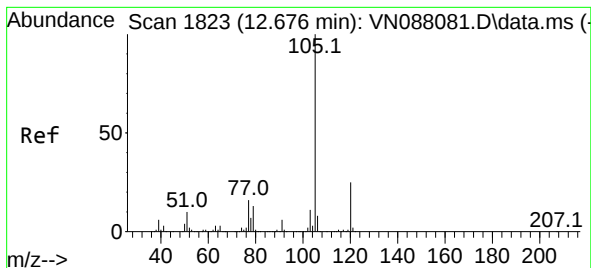
Tgt Ion:173 Resp: 121321
Ion Ratio Lower Upper
173 100
175 49.8 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion:152 Resp: 200049
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 173.6 0.0 351.0





#73

Isopropylbenzene

Concen: 47.000 ug/l

RT: 12.671 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088305.D

Acq: 18 Nov 2025 09:47

Instrument :

MSVOA_N

ClientSampleId :

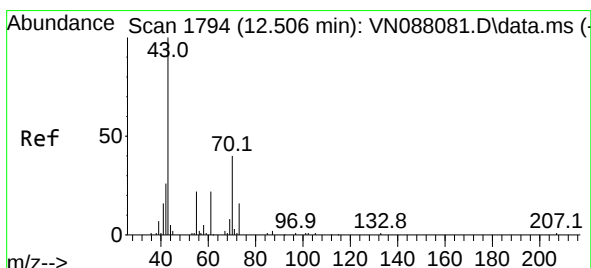
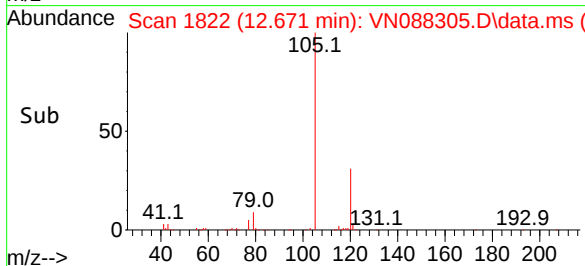
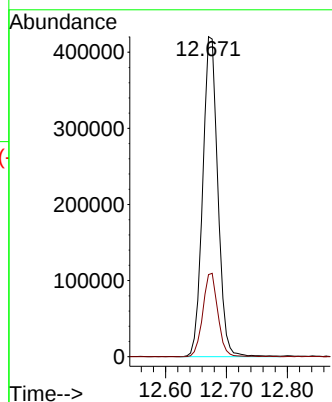
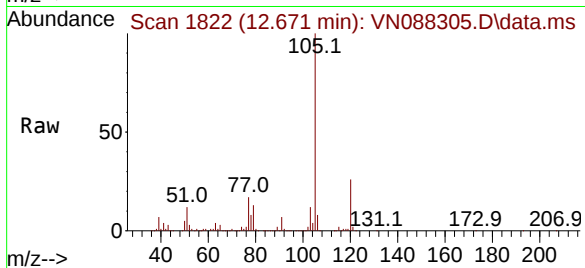
VSTDCCC050

Tgt Ion:105 Resp: 725173

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#74

N-ethyl acetate

Concen: 38.445 ug/l

RT: 12.506 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VN088305.D

Acq: 18 Nov 2025 09:47

Tgt Ion: 43 Resp: 168386

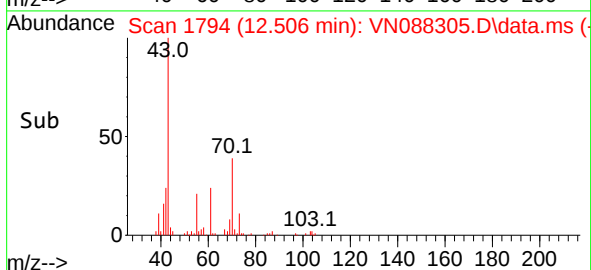
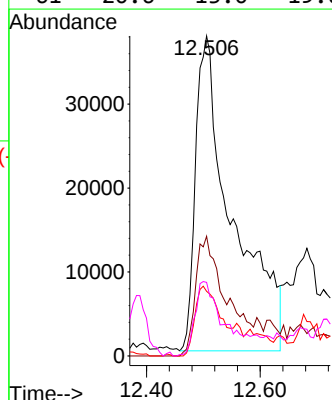
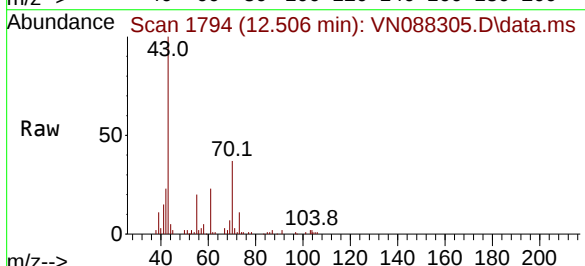
Ion Ratio Lower Upper

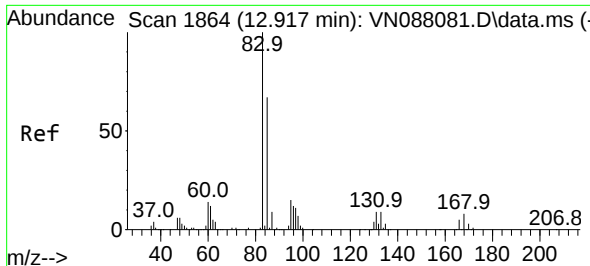
43 100

70 32.2 27.6 41.4

55 15.0 13.0 19.6

61 20.6 13.0 19.6#

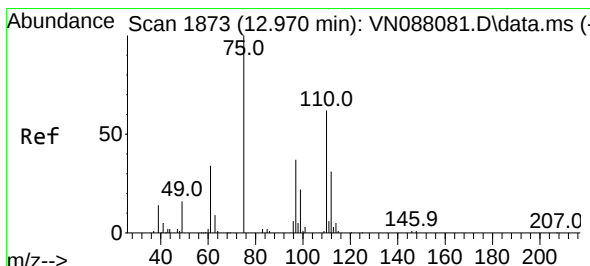
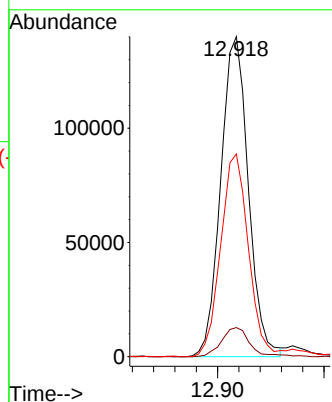
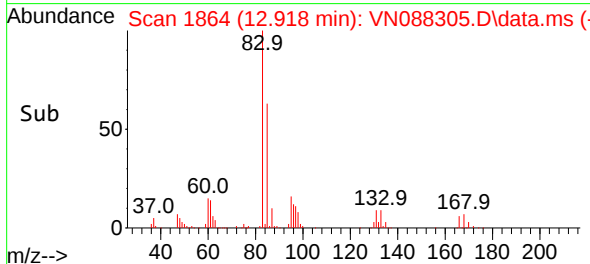
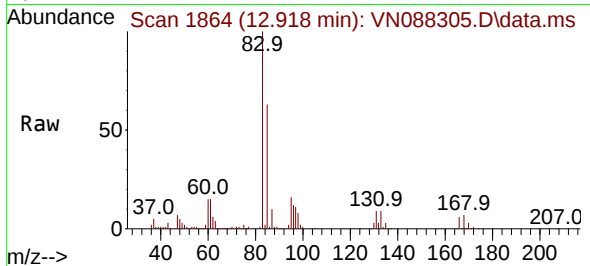




#75
1,1,2,2-Tetrachloroethane
Concen: 52.459 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

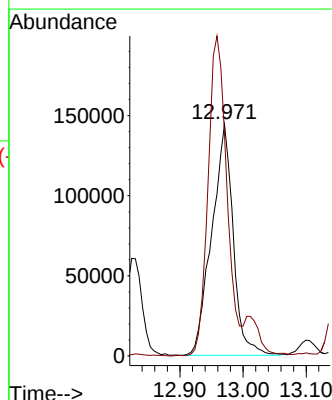
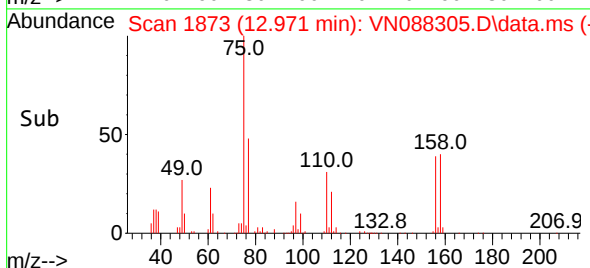
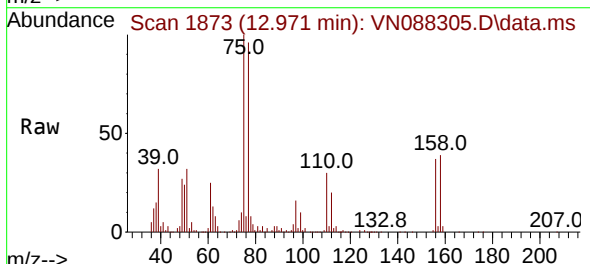
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

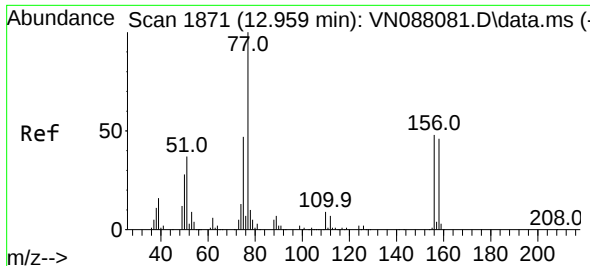
Tgt Ion: 83 Resp: 251993
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 63.9 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 74.428 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 75 Resp: 340413
Ion Ratio Lower Upper
75 100
77 122.0 89.1 267.4

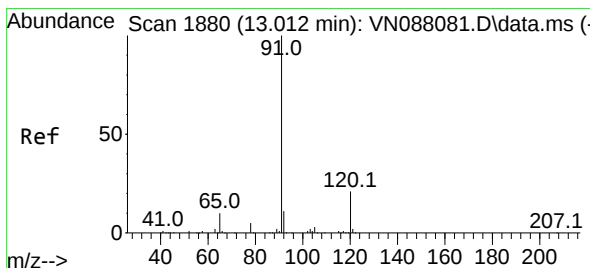
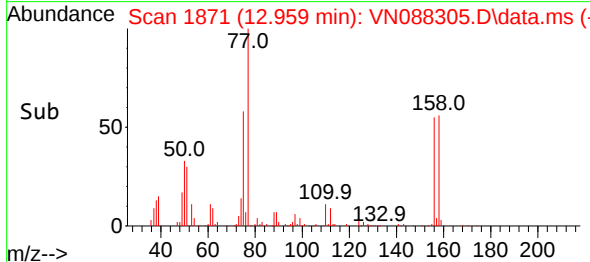
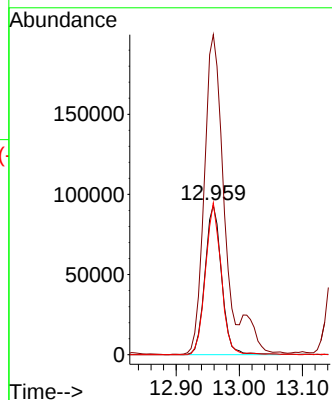
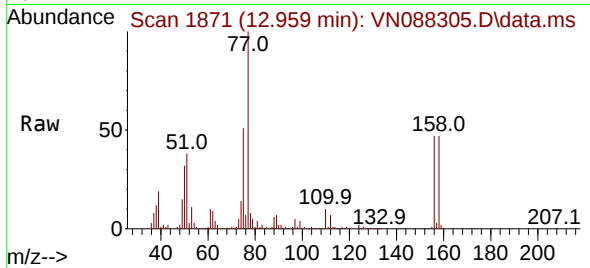




#77
Bromobenzene
Concen: 50.840 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

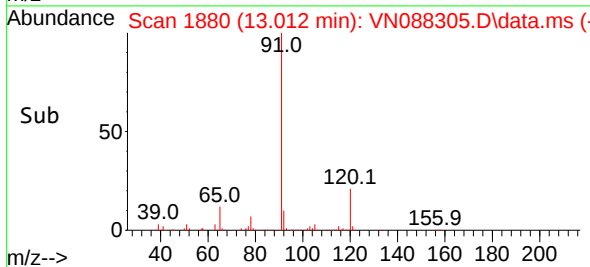
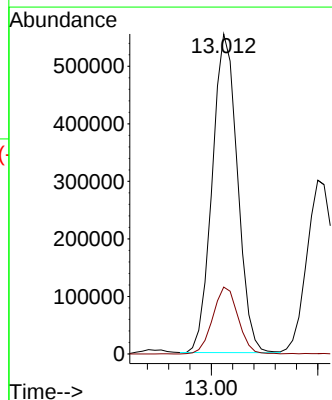
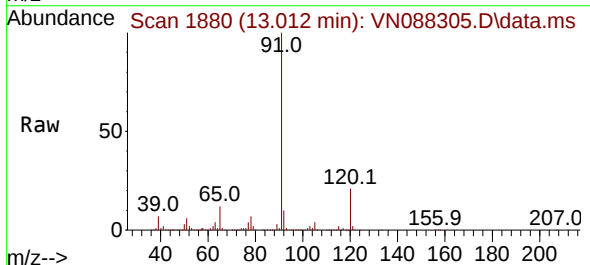
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

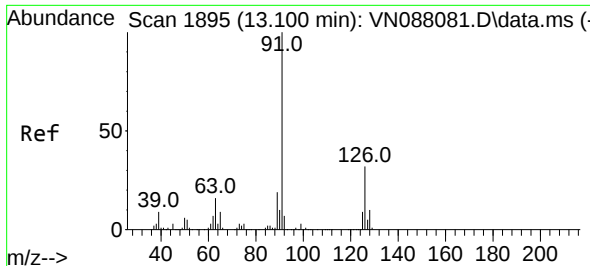
Tgt Ion:156 Resp: 169153
Ion Ratio Lower Upper
156 100
77 245.5 119.3 358.0
158 96.8 48.2 144.6



#78
n-propylbenzene
Concen: 48.400 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 91 Resp: 911324
Ion Ratio Lower Upper
91 100
120 21.0 10.7 32.1

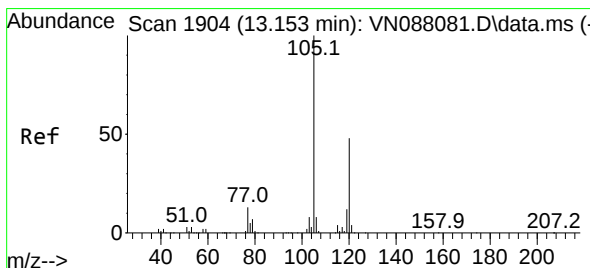
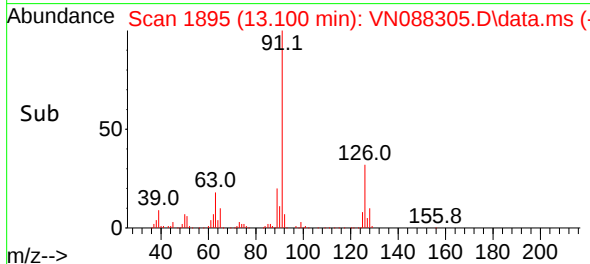
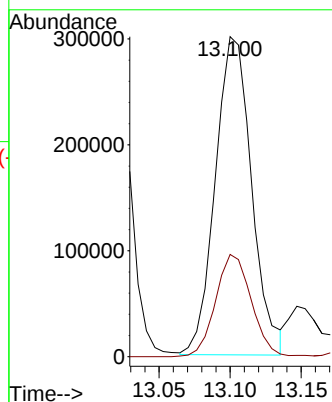
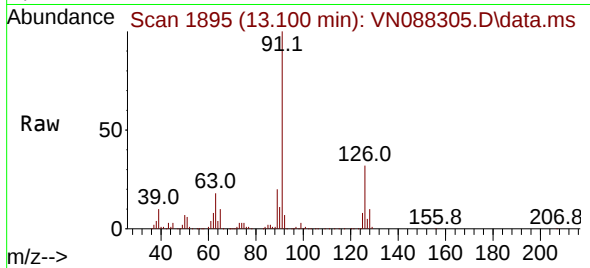




#79
2-Chlorotoluene
Concen: 49.850 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

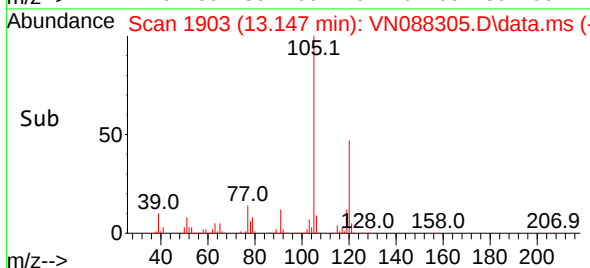
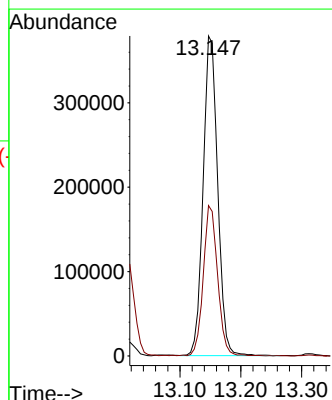
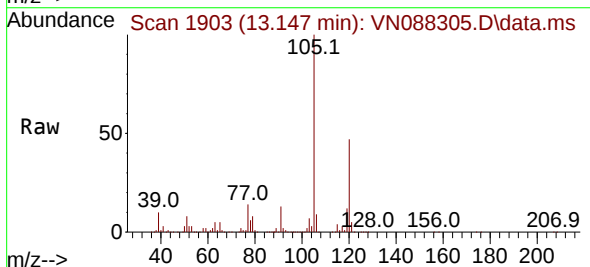
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

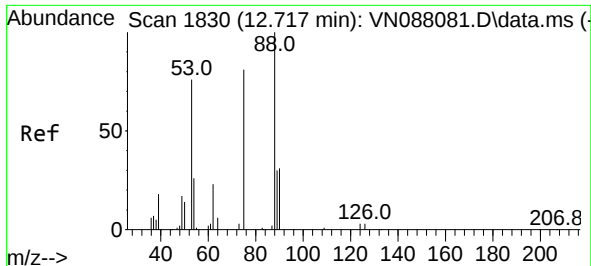
Tgt Ion: 91 Resp: 535281
Ion Ratio Lower Upper
91 100
126 31.6 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 49.001 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion:105 Resp: 627908
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.6

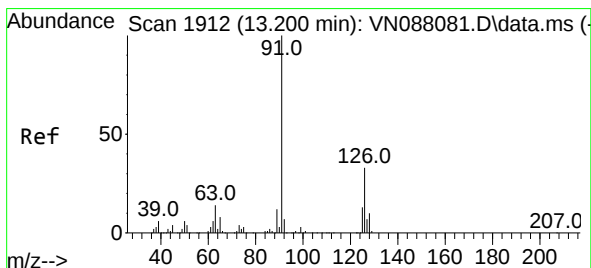
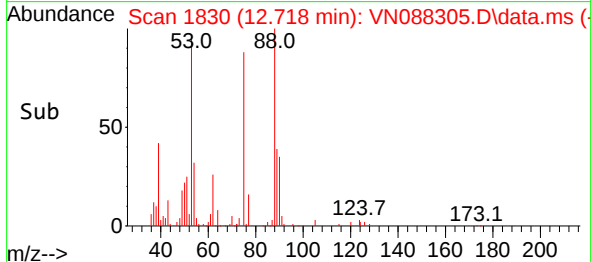
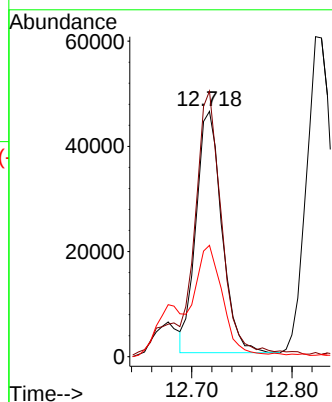
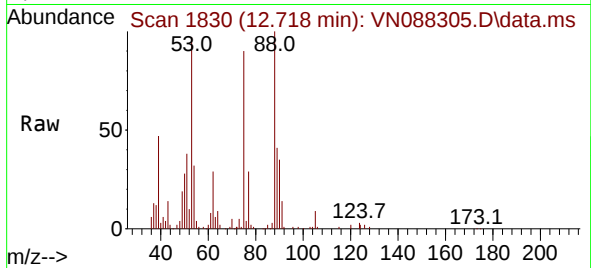




#81
trans-1,4-Dichloro-2-butene
Concen: 50.053 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

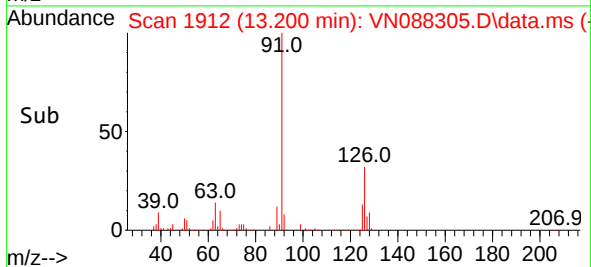
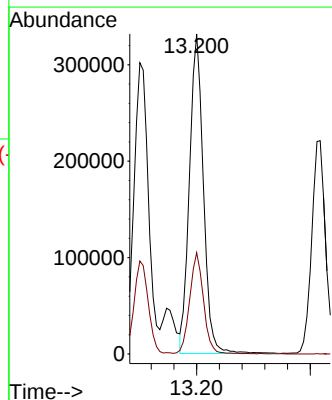
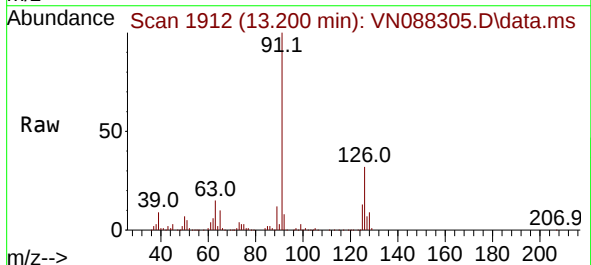
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

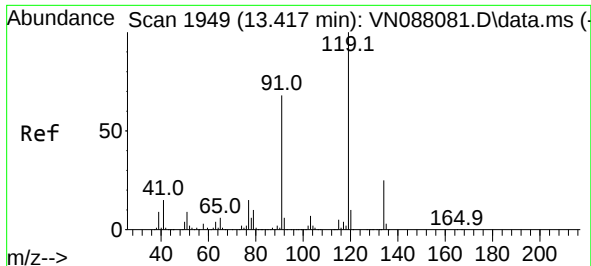
Tgt Ion: 75 Resp: 82067
Ion Ratio Lower Upper
75 100
53 128.9 101.8 152.6
89 46.7 35.6 53.4



#82
4-Chlorotoluene
Concen: 48.599 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion: 91 Resp: 564587
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8

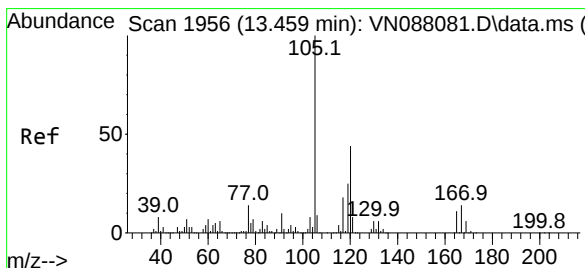
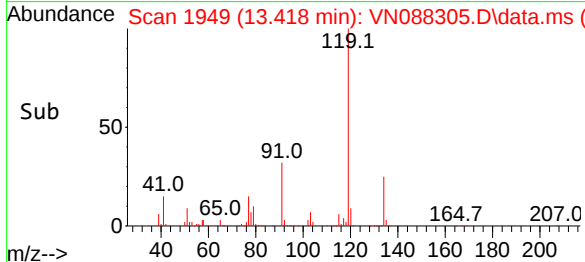
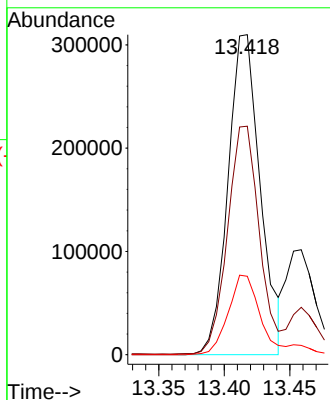
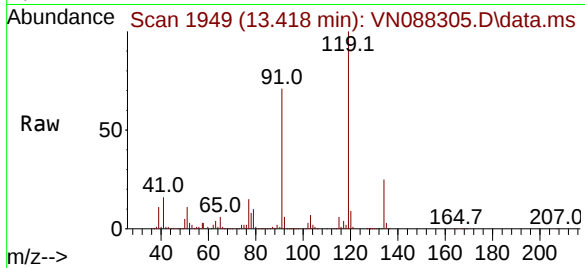




#83
tert-Butylbenzene
Concen: 46.411 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

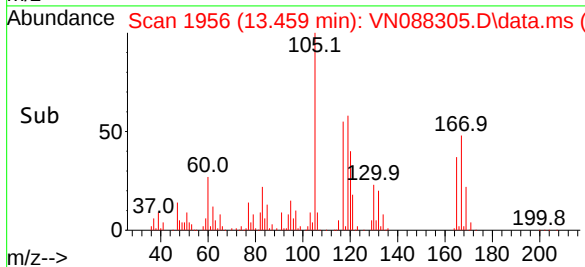
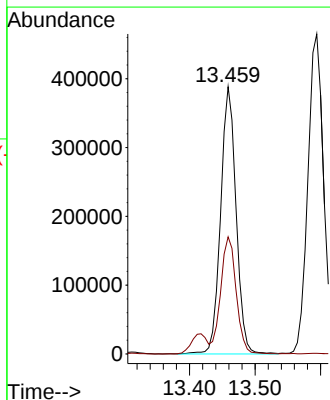
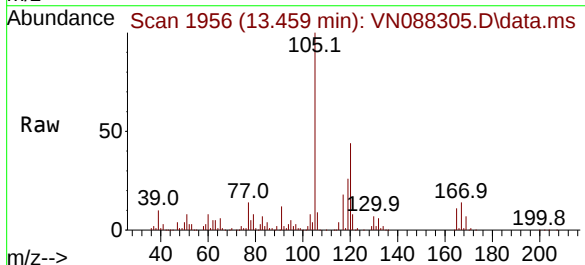
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

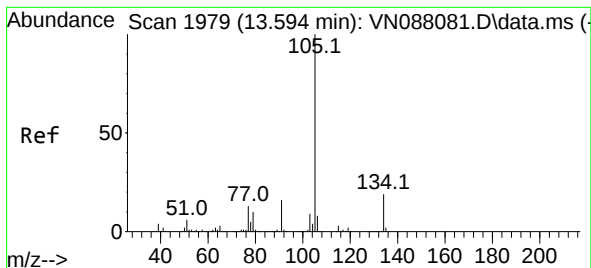
Tgt Ion:119 Resp: 531261
Ion Ratio Lower Upper
119 100
91 70.0 35.0 105.0
134 24.4 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 49.440 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion:105 Resp: 633859
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0





#85

sec-Butylbenzene

Concen: 45.938 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088305.D

Acq: 18 Nov 2025 09:47

Instrument :

MSVOA_N

ClientSampleId :

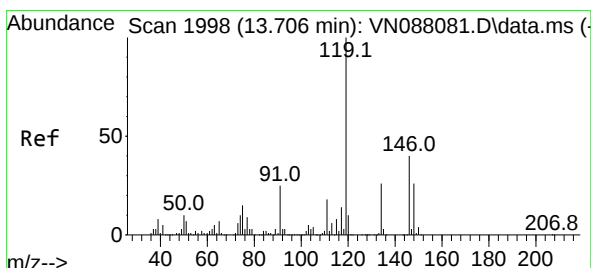
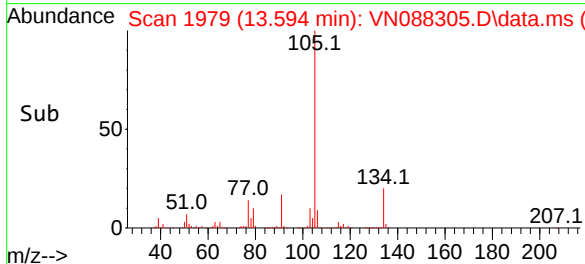
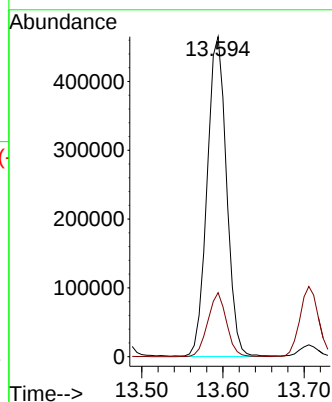
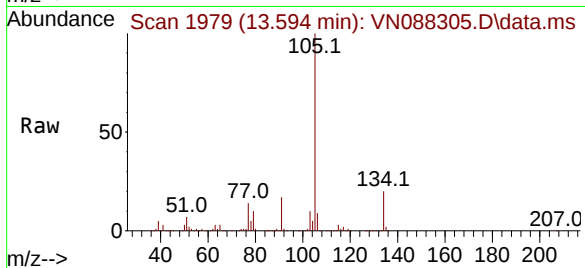
VSTDCCC050

Tgt Ion:105 Resp: 772573

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.6



#86

p-Isopropyltoluene

Concen: 48.201 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088305.D

Acq: 18 Nov 2025 09:47

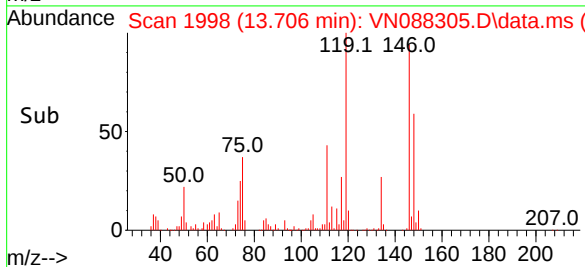
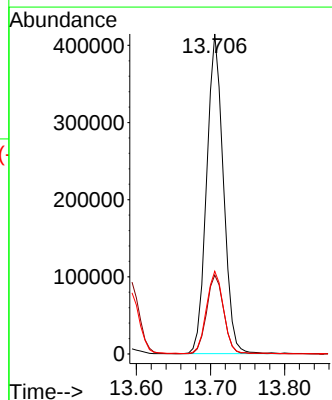
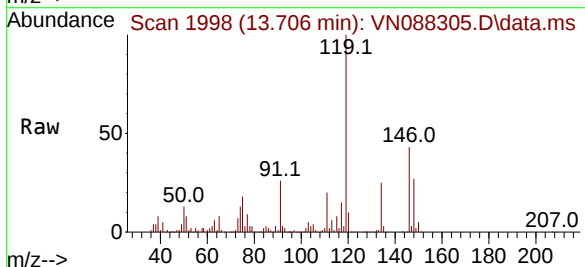
Tgt Ion:119 Resp: 650287

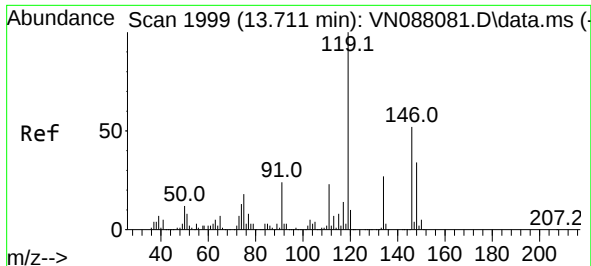
Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.0

91 26.0 12.5 37.5

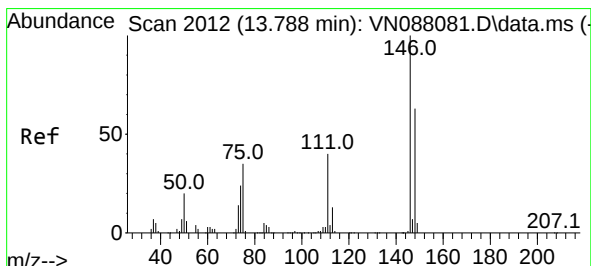
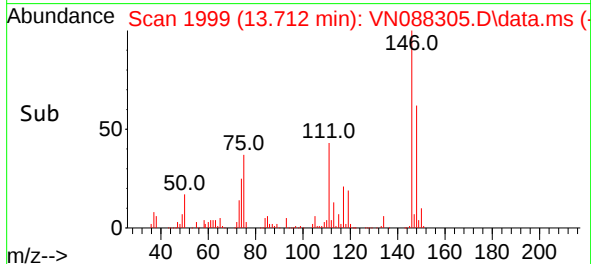
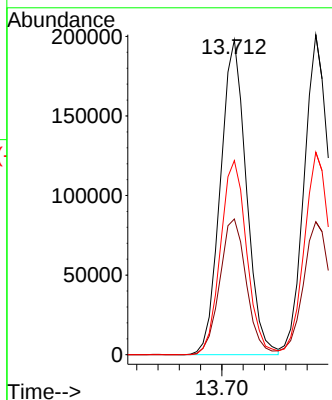
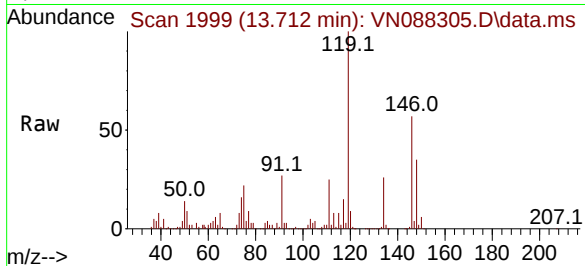




#87
 1,3-Dichlorobenzene
 Concen: 50.274 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088305.D
 Acq: 18 Nov 2025 09:47

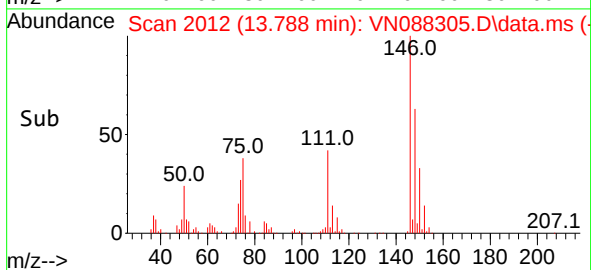
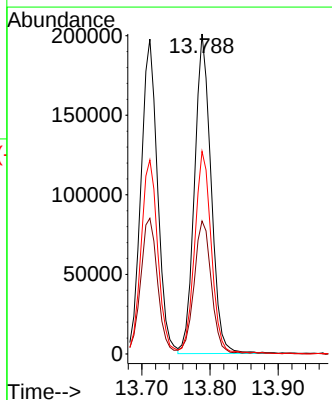
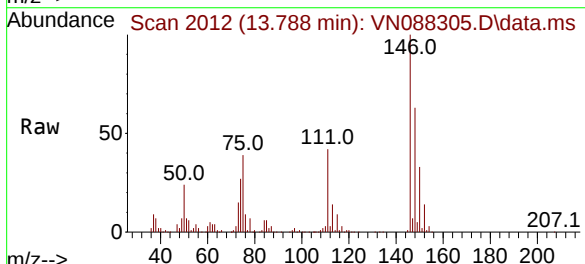
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

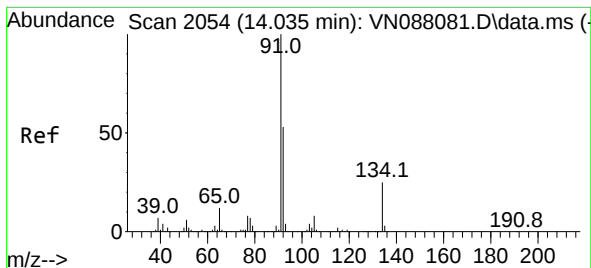
Tgt Ion:146 Resp: 333917
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.1 66.5
 148 62.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.349 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN088305.D
 Acq: 18 Nov 2025 09:47

Tgt Ion:146 Resp: 337779
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.0 63.0
 148 63.2 32.0 96.0





#89

n-Butylbenzene

Concen: 47.079 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088305.D

Acq: 18 Nov 2025 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

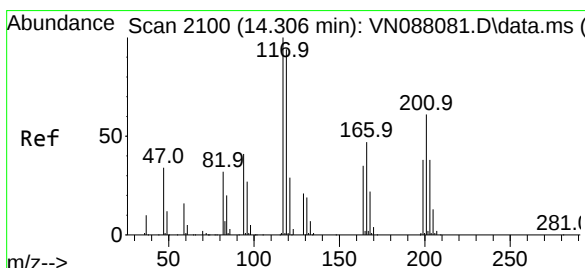
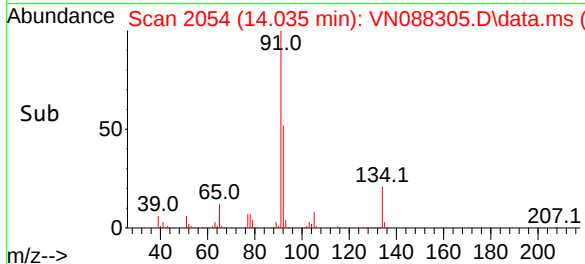
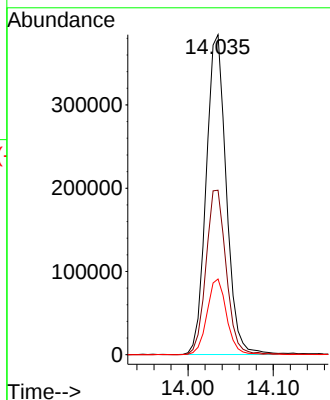
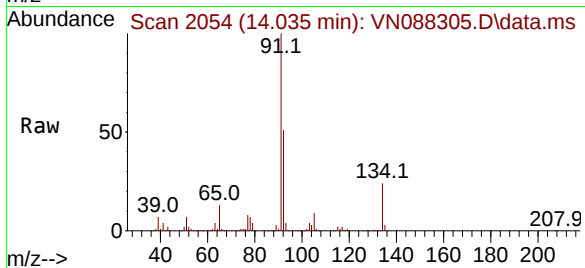
Tgt Ion: 91 Resp: 629147

Ion Ratio Lower Upper

91 100

92 52.0 25.9 77.8

134 23.2 11.7 35.0



#90

Hexachloroethane

Concen: 48.817 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN088305.D

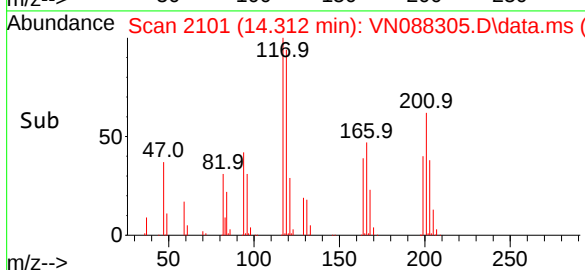
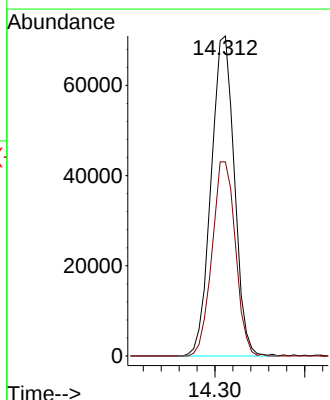
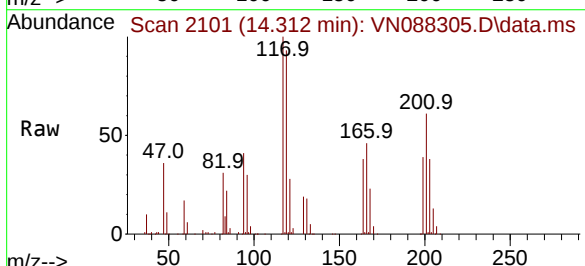
Acq: 18 Nov 2025 09:47

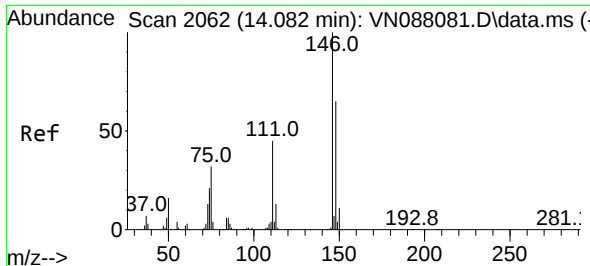
Tgt Ion: 117 Resp: 127540

Ion Ratio Lower Upper

117 100

201 61.1 29.1 87.4

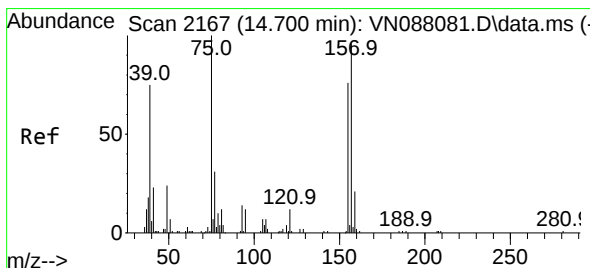
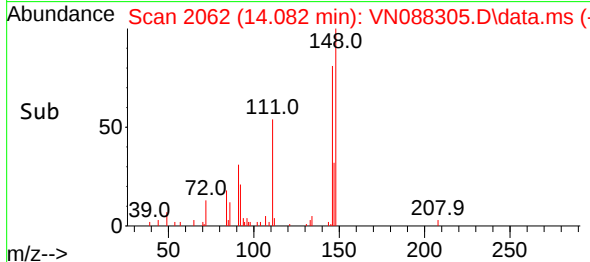
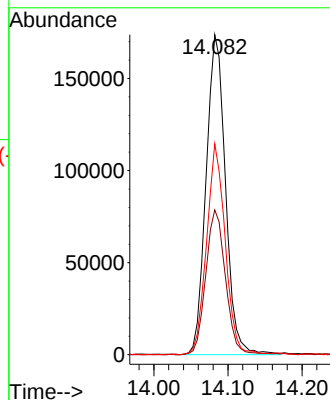
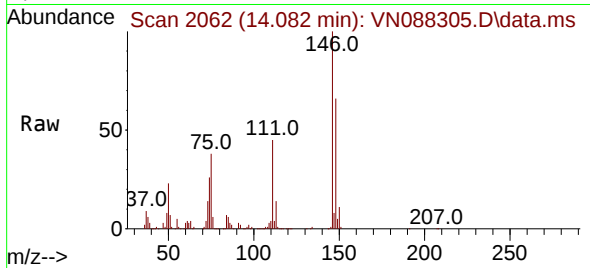




#91
 1,2-Dichlorobenzene
 Concen: 49.395 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088305.D
 Acq: 18 Nov 2025 09:47

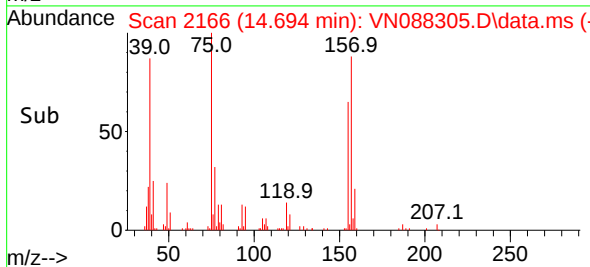
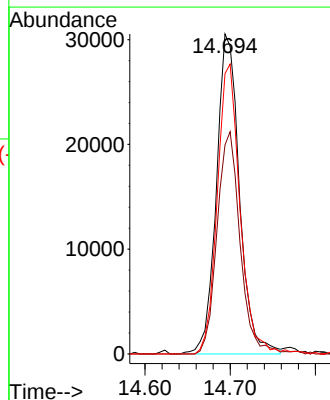
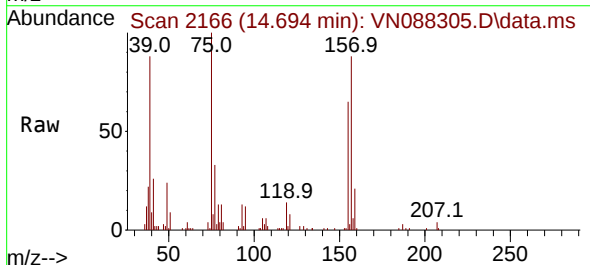
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

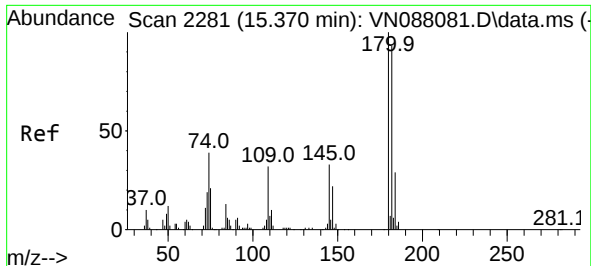
Tgt Ion:146 Resp: 316252
 Ion Ratio Lower Upper
 146 100
 111 46.2 22.6 67.8
 148 63.5 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.457 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN088305.D
 Acq: 18 Nov 2025 09:47

Tgt Ion: 75 Resp: 57532
 Ion Ratio Lower Upper
 75 100
 155 69.2 36.6 109.9
 157 89.8 45.6 136.9

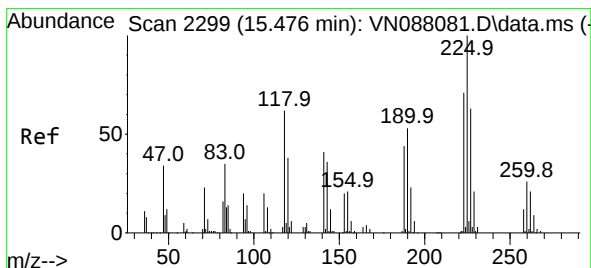
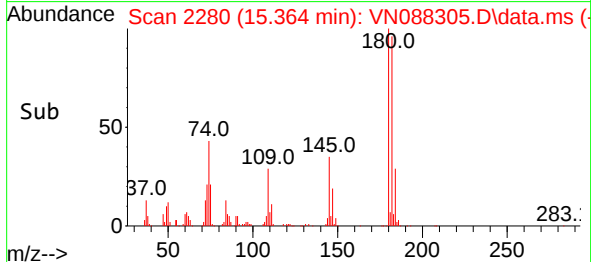
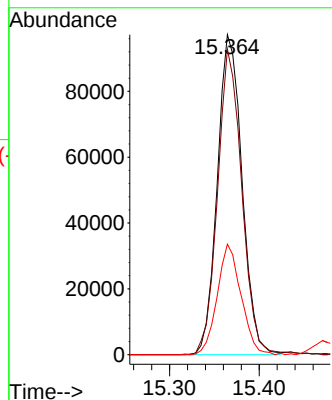
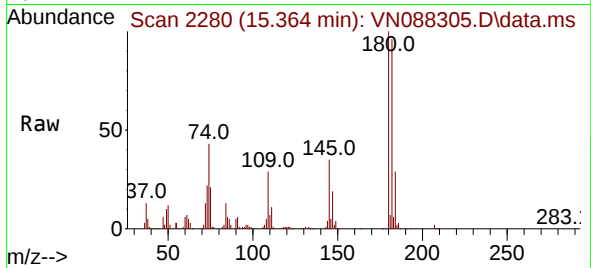




#93
1,2,4-Trichlorobenzene
Concen: 47.880 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

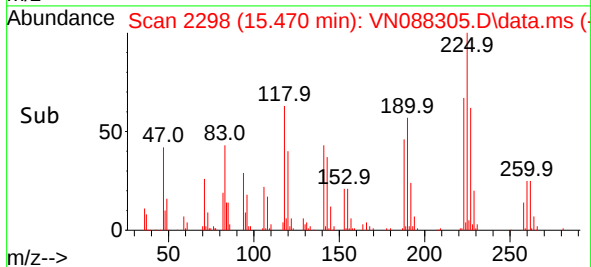
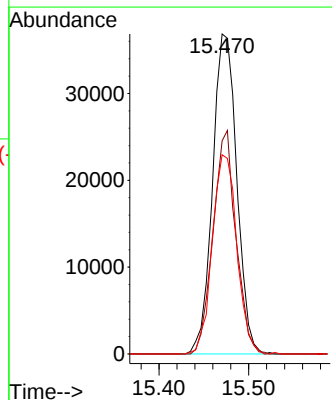
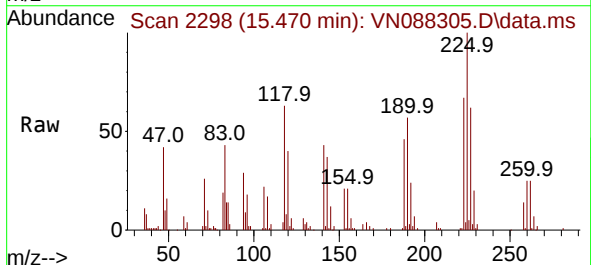
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

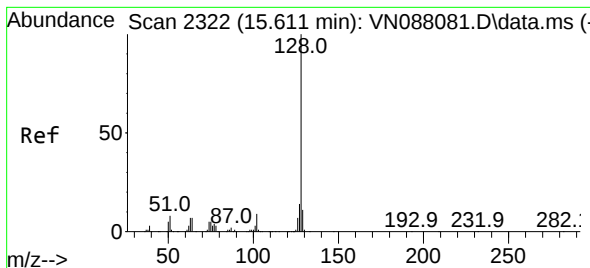
Tgt Ion:180 Resp: 185655
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.9
145 33.3 16.5 49.5



#94
Hexachlorobutadiene
Concen: 47.811 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088305.D
Acq: 18 Nov 2025 09:47

Tgt Ion:225 Resp: 69036
Ion Ratio Lower Upper
225 100
223 65.9 32.0 96.2
227 63.2 32.1 96.5





#95

Naphthalene

Concen: 49.001 ug/l

RT: 15.612 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088305.D

Acq: 18 Nov 2025 09:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

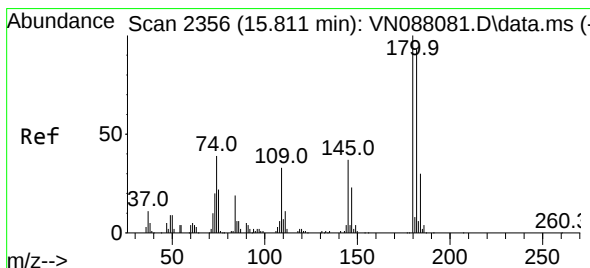
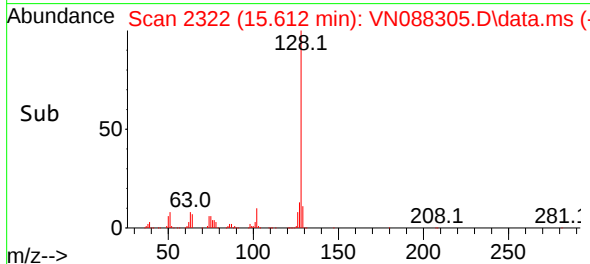
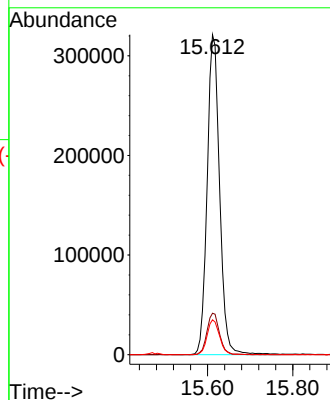
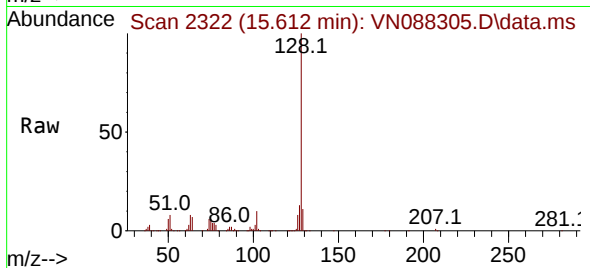
Tgt Ion:128 Resp: 650889

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 47.668 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088305.D

Acq: 18 Nov 2025 09:47

Tgt Ion:180 Resp: 177223

Ion Ratio Lower Upper

180 100

182 95.9 46.8 140.3

145 35.2 17.3 52.0

